

COPY

OCT 04 1989

s.22

| |
|------------|
| DEPT. FILE |
| → P E 5594 |
| PR 1881 |
| PA 5490 |

Dear s.22

Thank you for your letter of August 18, 1989, concerning air and water pollution resulting from the operation of the Celgar Pulp Mill.

Celgar Pulp Company (formerly Westar Timber Ltd.) was granted Variance Orders by a previous Minister of Environment on July 10, 1986, from having to meet its air emissions and liquid effluent requirements until June 30, 1991 and June 30, 1996 respectively. This means the company will not be obliged to meet the levels stated in its Waste Management Permits until the above dates.

However, it is my understanding the Company is seriously considering a complete rebuild of its pulpmill complex at an early date. If this occurs, I would anticipate rescinding the above mentioned Variance Orders and Ministry staff would then amend both the air and effluent permits to reflect Level "A", or most stringent, objectives, along with tight controls on the discharge of dioxins and chlorinated organic compounds from this bleached kraft pulp mill.

Again, thank you for sharing your concerns about the environment with me.

Yours sincerely,

Bruce Strachan
Minister

cc: Mr. D. McDonald
Regional Director, Nelson

MORRISON/ng (WASTE)
ref: MO 22864
bcc: Minister's Office
Associate Deputy Minister's Office
Director of Waste Management

Assigned to: Director
Waste Management

M.O.: 22864.00

Due Date: 8-Sep-1989

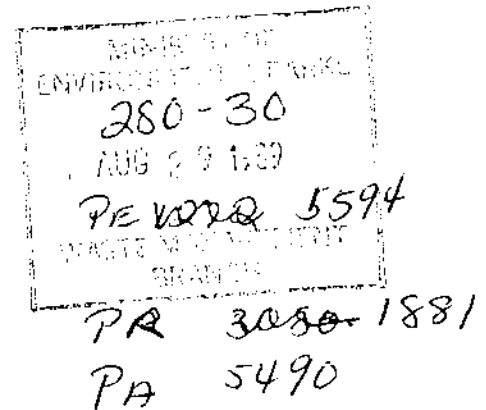
Subject: CONDITIONS AT THE WESTSTAR PULP MILL

Addr. To:

Comments:

ACTION: Prepare for Minister's Signature

Sender: s.22



August 18, 1989

R. Ferguson

The Honourable Bruce Strachan,
Minister of the Environment,
Room 124,
Parliament Buildings,
Victoria, B.C., V8V 1X4

Dear Sir:

I am writing to complain about the conditions at the Weststar pulpmill here in Castlegar. I have lived in this area for almost 20 years and have seen little, if any, improvement in pollution control measures put into effect in this mill. The air pollution, while not as bad here as in the city of Castlegar itself, is at times almost unbearable. I really don't feel I could live in the stench that residents of Castlegar itself must, at times, exist in. Also, the amount of material that is dumped into the river at times is a disgrace. We have environmental regulations but this pulpmill never seems to abide by them. Every time the question is raised with the mill about pollution problems we are advised that plans are in 'the works' for upgrading and improving their air and water emissions. This is wearing pretty thin after all these years. Why is nothing being done about the garbage these people are putting into our air and water??? Why are they being allowed to pollute our area and not

s.22

a reprimand by your department?? I would
like to see some action on this situation.

Branch, Nelson.

c.c. Waste Management Branch, Victoria.

| | |
|---|---------------------------------|
| MINISTER OF THE ENVIRONMENT | |
| C. STRACHAN | |
| (S. 22) | |
| AUG 24 '89 | |
| REF. Y <input type="checkbox"/> | REPORT <input type="checkbox"/> |
| C. RECT <input type="checkbox"/> | |
| FILE <input type="checkbox"/> | FILE <input type="checkbox"/> |
| FOR REPLY <input checked="" type="checkbox"/> | |
| 22864 | |

Bob Ferguson

Copyright

| |
|---------------------------|
| MINISTRY OF ENVIRONMENT |
| PE-1273 |
| APR 10 1988 |
| PE-5594 ← |
| WASTE MANAGEMENT DIVISION |

N.D.N. MAR 27/88.

Alderman against Western variance order

By LINDA HALL
Special To The Daily News

Copyright

| DISTRIBUTION | DATE | INITIALS |
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APR - 3 1986

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|-------------------------|
| MINISTRY OF ENVIRONMENT |
| PA-3080 |
| PA-5490 |
| APR 7 1986 |
| PE-1272 |
| PE-5594 |
| WASTE MANAGEMENT BRANCH |

s.22

Dear s.22 :

Thank you for your recent letter concerning effluent and air emissions from the Westar pulp mill, located upstream of Castlegar, and the Company's request to defer meeting limits established in its Waste Management Permits.

I would point out that the Waste Management Act includes a section which allows a person (or company) to request the Minister to grant temporary relief from the requirements of a permit. The Company, by requesting a deferment, is within its rights according to the Act.

However, I wish to assure you that before making my decision on the Company's request, my staff will carefully examine all the technical and other related aspects of this case.

Again, thank you for bringing your concerns to my attention.

Yours sincerely,

ORIGINAL SIGNED BY MINISTER

F. C. Austin Felton
Minister

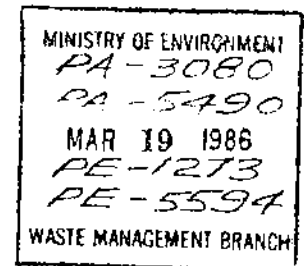
MORRISON:la (Waste)
Ref.: M.O. 1643

bcc: Minister's Office
Deputy Minister's Office
Director of Waste Management

| DISTRIBUTION | DATE | INITIALS |
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| L.A. | 8/6/84/la | LA |
| AAH | | AAH |
| DYM | | DYM |
| file | | |
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Assigned to: Director
Waste Management

M.O.: 1643



Due Date: 14-Apr-1986

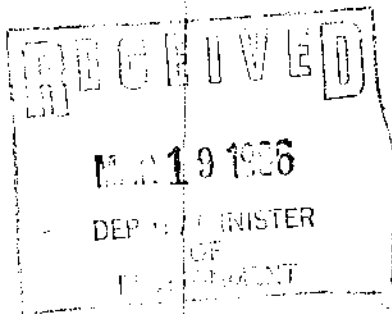
Subject: WESTAR TIMBER EMISSIONS

Comments:

ACTION: ~~P~~repare for Minister's Signature

Sender: s.22

| DISTRIBUTION | DATE | INITIALS |
|--------------|------|----------|
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17
MINISTRY OF ENVIRONMENT
RECEIVED MAR 19 1986 VIC., B.C.
ANSWER DICTATED BY DISCARD ☐
FIND PREVIOUS CORRESPONDENCE ☐
REFER TO BEM
FOR REPORT ☐ D DRAFT REPLY ☒ REPLY ☐
DIRECT
COPY TO
FILE ☐ F.Y.I. ☐ 1643

s.22

Mr. Pelton;

R. Ferguson

THIS LETTER CONCERNS WESTAR TIMBER'S PROPOSAL FOR
A TEN YEAR EXTENSION TO CONTINUE EFFLUENT EMISSIONS,
STANDARDS OF WHICH ARE WELL BELOW STANDARDS SET BY
GOVERNMENT.

I LIVE IN s.22

s.22

BECAUSE OF ITS s.22

s.22

BY THE EMISSIONS OF THE
MILL OUT ALSO THE RISK OF THE EFFLUENT IN THE RIVER.
[PERSONALLY, I BELIEVE YOU SHOULD HAVE SIGNS POSTED
STATING THAT FISH CAUGHT IN THE COLUMBIA, KOOTENAY
RIVERS BE UNFIT FOR HUMAN CONSUMPTION.]

s.22

IS ALSO SERVED BY A COMMUNITY WATER
WELL, WHICH FROM WHAT I COULD GATHER IS A WELL DRILLED
IF NOT, TO THE RIVER LEVEL OR DEEPER. AFTER ASKING AROUND
IT WAS DISCOVERED THAT THE LAST WATER TEST FOR THIS
COMMUNITY WAS TAKEN s.22 YEARS AGO. I BELIEVE THAT
BEFORE ANY RELIEF IS GIVEN TO THE MILL, GET ALL THE
HEALTH FACTS & INFORM THE COMMUNITY OF THE RESULTS.

I WON'T GO INTO A LONG BORING LIST OF ALL
THE OPINIONS OF THE CORPORATION'S WHINING OF LACK
OF MONEY TO START A CLEAN UP.

IF WESTAR DOES GET AN EXTENSION, OR EVEN IF IT DOESN'T,
ISN'T THERE ANY WAY TO ENFORCE STRICT GUIDELINES THAT
THEY ALL MUST MEET & WAYS TO ENFORCE THEM?

THIS WOULD SURELY CREATE A NUMBER OF USEFUL JOBS.
IF THIS IS POSSIBLE PLEASE CONTACT ME & I WILL
TRY TO CONTACT MCA'S IN THE AREA FOR FUNDING OF
THIS PROJECT.

Sincerely, ^{s.22}



Province of
British Columbia

Ministry of
Environment

Waste Management Branch
Kootenay Region
310 Ward Street
Nelson, B.C.
V1L 5S4
Phone: 352-2211
Local 273, 305, or 339

YOUR FILE
M.P.A. 5490
OUR FILE
PE-5594
PR-1768
PE-1273
WASTE MANAGEMENT

March 6, 1985.

Castlegar News,
Box 3007,
Castlegar, B.C.
VIN 3H4

Dear Sir:

Please publish the attached notice in the next issue of your newspaper.

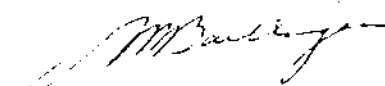
The appropriate location is in the legal notices section of your classified advertisements, and should be one column in width and in a type size and face consistent with your other classified ads.

The costs of advertising are to be invoiced to the Regional Waste Manager, Ministry of Environment, 310 Ward Street, Nelson, British Columbia, V1L 5S4.

Proof of publication, the full page on which the advertisement appeared (tear sheet), is to be sent IMMEDIATELY after publication to the Regional Waste Manager at the above address.

If you have any questions, please contact the undersigned.

Yours truly,


M.K. Baillargeon, P. Eng.
Regional Waste Manager.

Enclosure

please scan all pages





YOUR FILE PA-5490
OUR FILE PE-5594
PR-1768
PE-1273

Notice of Minor Amendments to Permit No's PA-5490,
PE-5594, PR-1768 and PE-1273
Issued under the provisions of the Waste Management Act
S.B.C. 1982 C.41, in the name of
Westar Timber Ltd.

Take notice that a minor amendment to Permit No. PA-5490 for an air discharge located at Castlegar, B.C. has been issued. The amendment consists of a change of name from Canadian Cellulose Ltd. to Westar Timber Ltd. and deletion of a completed program of improvements requirement.

Take notice that a minor amendment to Permit No. PE-5594 for an effluent discharge located at Castlegar, B.C. has been issued. The amendment consists of a change of name from Canadian Cellulose Ltd. to Westar Timber Ltd. and inclusion of an oil separator in the works authorized.

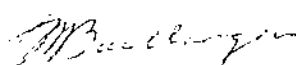
Take notice that a minor amendment to Permit No. PR-1768 for a refuse discharge located at Castlegar, B.C. has been issued. The amendment consists of a change of name from Canadian Cellulose Ltd. to Westar Timber Ltd. and to authorize leachate collection and infiltration system.

Take notice that a minor amendment to Permit No. PE-1273 for a effluent discharge at Castlegar has been issued. The amendment consists of a change of name from Canadian Cellulose Ltd. to Westar Timber Ltd. and deletion of the requirement for chlorination of effluent prior to discharge.

A copy of the amended Permits may be viewed at the office of the Waste Management Branch, Ministry of Environment, 310 Ward Street, Nelson, B.C. B.C. V1L 5S4.

Dated at Nelson, B.C. this 6th day of March 1984.

Yours truly,


M.K. Baillargeon, P. Eng.
Regional Waste Manager.

Enclosure

FILE: PE-5594
DATE: January 30, 1985.
FROM: Head, Industrial Section.

RESUME FOR AMENDMENT APPLICATION

APPLICATION ON BEHALF OF WESTAR TIMBER LTD., DATED APRIL 19, 1984.

1. APPLICATION:

This is an application by Westar Timber Ltd. to change the name of the Permittee from Canadian Cellulose Company Limited, to Westar Timber Ltd.

2. APPLICATION REVISIONS:

The new permit format is to be used.

The program of improvements requirements as specified in the original permit have been complied with and may be eliminated.

Additional works ie: oil separators, pumps etc. should be specified in section (d) of Appendix 01.

3. HISTORY:

The permit was originally issued on February 5, 1980 and required the company to install a dry bark conveying system for transporting bark from the sawmill to the pulpmill. The system was completed as required.

In addition the company was required to cease discharging dryer condensate to the Columbia River. This condensate carried oily waste and resulted in an oil slick within the boom area. The company installed an oil separation/recovery unit which operates well and then pumped the condensate into the water treatment system which eventually flows to the pulpmill clarifier for treatment prior to discharge to the Columbia River.

In 1981 there was an incident that resulted in considerable local press coverage. A pump that normally carried condensate to the clarifier system failed. This resulted in a discharge of condensate to the river. The pump was eventually repaired and more spare parts were established in the inventory as a result of this occurrence.

Since 1981, there has been no problems with the sawmill operation.

The actual permit appendix 01 authorizes an occasional discharge of warm water from a water cooled compressor to the river. This machine is only operated about 1 week/year during maintenance of other equipment.

4. RECOMMENDATIONS:

It is recommended that PE-5594 be amended as follows:

1. New format
2. New name - Westar Timber Ltd.
3. Include oil separation equipment in works authorized.



Carl Johnson, P. Eng.
Head, Industrial Section.

PERMIT NUMBER PE 5594

NAME Wester Timber Ltd.

DATE ISSUED February 18, 1985

ORIGINAL Amendment DOCUMENT HELD IN
REGIONAL OFFICE Nelson

Canadian Cellulose Company, Limited

FEB 5 1980

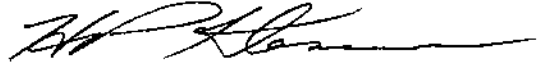
You will note that values have been expressed in the International System of Units (SI). These units are to be used in submitting monitoring results and any other information in connection with this Permit.

The administration of this Permit will be carried out by staff from our Regional Office located at 310 Ward Street, Nelson, British Columbia, V1L 5S4 (telephone 352-2211). Plans, data and reports pertinent to the Permit are to be submitted to the Director through the Regional Manager at this address.

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 shall rest with the Permittee.

This Letter of Transmittal is an Order under the Pollution Control Act.

Yours very truly,



H. P. Klassen, P. Eng.
Assistant Director of Pollution Control

Encl.



MINISTRY OF THE ENVIRONMENT
POLLUTION CONTROL BRANCH

PERMIT

Under the Provisions of the Pollution Control Act, ~~X999X~~

..... Canadian Cellulose Company, Limited

..... 1200 - 1111 West Hastings Street, Vancouver, British Columbia, V6E 2K2

is hereby authorized to discharge effluent

from a sawmill-planermill complex

located at Castlegar, British Columbia

to the Columbia River

This permit has been issued under the terms and conditions prescribed in the attached appendices

..... 01 and A

.....

Assistant Director of Pollution Control

Date issued..... FEB 5 1980, 19

Amendments dated....., 19.....

....., 19.....

....., 19.....

Permit No. PE-5594



MINISTRY OF ENVIRONMENT
POLLUTION CONTROL BRANCH

APPENDIX No. 01
to Pollution Control Permit No. PE-5594

- (a) The discharge of effluent applicable to this appendix is compressor cooling water
.....
(Source of operation)
..... as shown on attached Appendix A.
- (b) The quantity of effluent which may be discharged is an average of 140 m³/d for a maximum period of one week/year.
- (c) The characteristics of the effluent shall be equivalent to or better than uncontaminated mill water with a maximum discharge temperature not exceeding 35°C.
- (d) The works authorized are discharge piping and related appurtenances
.....
..... approximately as shown on the attached Appendix A.
- (e) The land from which the effluent originates and to which this appendix is appurtenant is D.L. 13981, 5636 and 5953, Kootenay District.
- (f) Those works authorized and proposed must be completed and in operation on and from the date of this Appendix.

Date issued FEB 5 1980, 19..

Date amended....., 19.....

....., 19.....

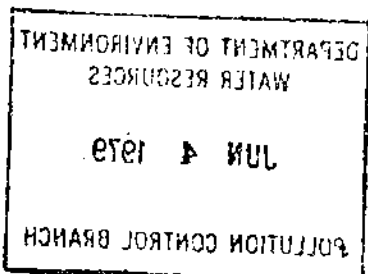
Assistant Director of Pollution Control



Province of
British Columbia

Ministry of the
Environment

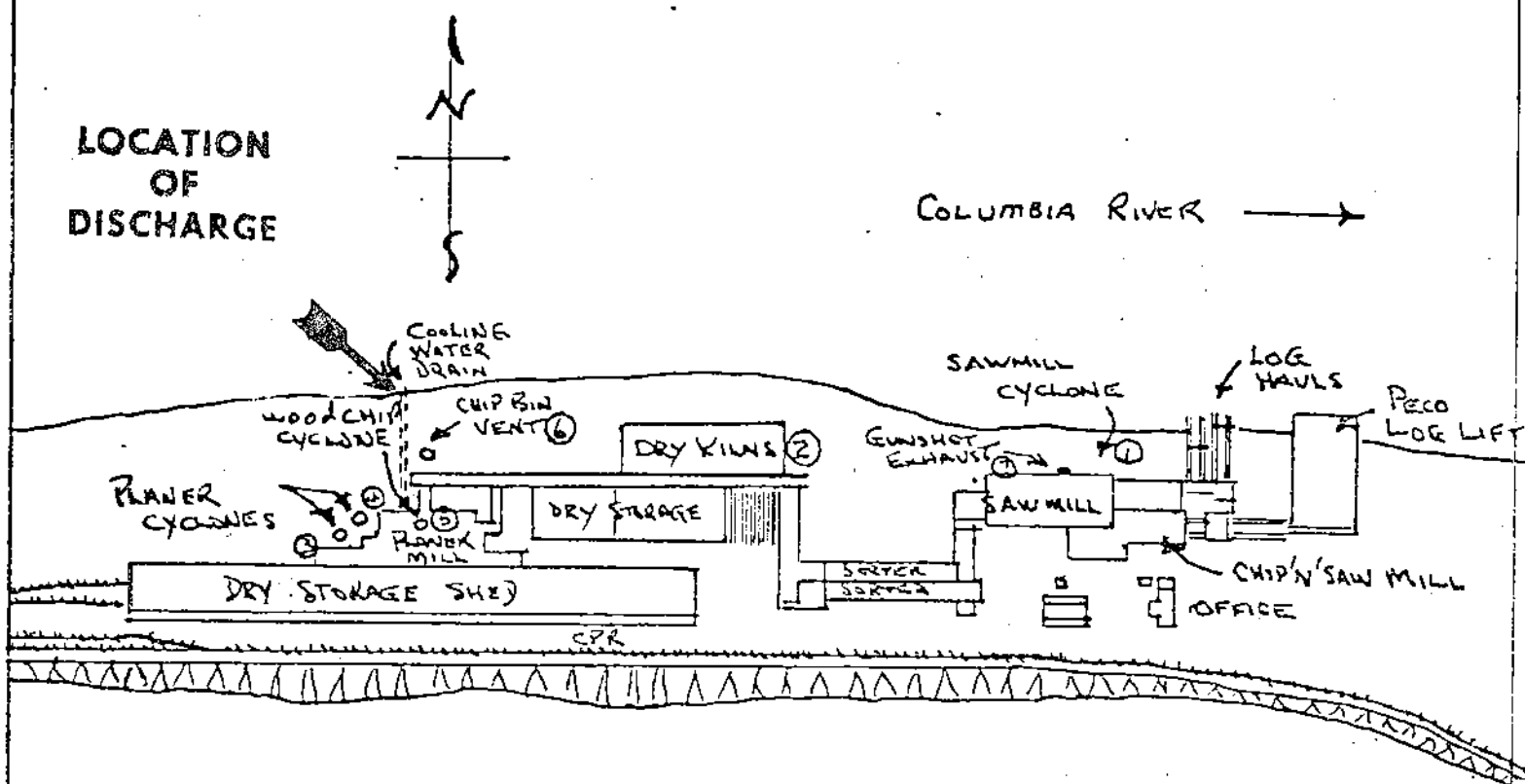
POLLUTION CONTROL BRANCH



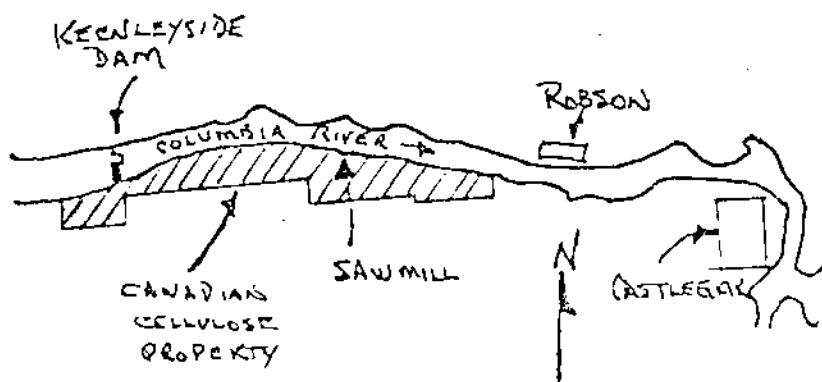
SITE PLAN

LOCATION
OF
DISCHARGE

COLUMBIA RIVER →



LOCATION MAP
LOCATION MAP



CANADIAN CELLULOSE COMPANY LIMITED
(Name of applicant(s))

MAY 29, 1979
(Date)

(Signature of applicant(s) or agent)

(FOR OFFICE USE ONLY)

FEB 5 1980
(Date issued)

Assistant (Director of Pollution Control)

Appendix A to Permit No. PE-5594

APPLICATION WORK FORM

APPLICANT CANADIAN CELLULOSE COMPANY LIMITED

FILE No.

PE-5594

APPLICATION DATE

APRIL 19 1984

APPLICATION RECEIVED

APRIL 26 1984

Has P.C.B. been authorized to act as agent:

YES ☐ NO ☒

PCB REGION

KOOTENAY

AGENT AND/OR MAILING ADDRESS

1176 West Georgia St
Vancouver, B.C.
V6E 4B7

DIVISION/REGION

4

SECTION

INDUSTRIAL

ENGINEER

C. JOHNSON

ORDER DATE

19

(IF APPLICABLE)

REGISTERED DISCHARGE?

No. (s)

DESCRIPTION OF APPLICATION: DISCHARGE OF

FROM A

Sawmill

LOCATED AT

LONGITUDE

LATITUDE

effluent
Castlegar, B.C.

CENTRAL REGISTRY (HEAD OFFICE)

ADMINISTRATIVE CHECK LIST

1. APPLICATION SIGNED
2. APPLICATION DATED
3. RECEIVED WITHIN TIME LIMIT

PRELIMINARY TECHNICAL CHECK LIST

1. APPROPRIATE PLAN RECEIVED
2. LAND DESCRIPTION ADEQUATE
3. DESCRIPTION OF SOURCE
4. TYPE & CHARACTERISTICS OF DISCHARGE
5. QUANTITY OF DISCHARGE
6. ADDITIONAL INFORMATION

ADMINISTRATIVELY ACCEPTABLE AS APPLICATION

TECHNICALLY ACCEPTABLE AS APPLICATION

PROCESSING SCHEDULE

1. CIRCULATED TO AGENCIES BY N/A 19
3. FINAL OBJECTION DATE 19

2. PROOF OF PUBLISHING BY N/A 19
4. TARGET COMPLETION DATE 19

ADVERTISING REQUIREMENT —

- ☒ 1. PUBLISHING NOT REQUIRED DUE TO

Name Amendment
- Name Change

- ☐ 2. PUBLISHING REQUIRED

- a) BRITISH COLUMBIA GAZETTE
- b)
- c)

RECOMMENDED BY

PROOF OF PUBLISHING RECEIVED

- a) 19 CHECKED
- b) 19 CHECKED
- c) 19 CHECKED

LAST PUBLICATION DATE 19

CHECKED BY

CIRCULATION INSTRUCTIONS -

- ☐ 1. DEPUTY MINISTER OF HEALTH
- ☐ 2. DEPUTY MINISTER OF RECREATION & CONSERVATION
- ☐ 3. DEPUTY MINISTER OF AGRICULTURE
- ☐ 4. COMPTROLLER OF WATER RIGHTS
- ☐ 5. REGIONAL DISTRICT OF
- ☐ 6. REGIONAL MANAGER/HEAD OFFICE
- ☐ 7. FEDERAL DEPARTMENT OF ENVIRONMENT
- ☐ 8. CHIEF ENGINEER, WATER INVESTIGATIONS
- ☐ 9. DEPUTY MINISTER OF MINES (TAILINGS POND)
- ☐ 10. DEPUTY MINISTER OF MINES
- ☐ 11. APPLICANT RE STABILITY TAILINGS POND

DETERMINED BY

C. Johnson

DATE CIRCULATED

May 1 1984

CLERK

PROCESSING ENGINEER

Westar Timber Ltd.

1176 West Georgia Street
Vancouver, British Columbia
Canada V6E 4B7

Telephone (604) 685-2452
Telex 04-53277

April 19, 1984

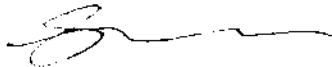
Regional Manager,
Ministry of Environment,
Waste Management Branch,
Kootenay Region,
310 Ward Street,
Nelson, B.C.
V1L 5S4

Dear Sirs:

Re: Westar Timber Ltd.

Please be advised that effective April 16, 1984, BC Timber Ltd. officially changed its name to Westar Timber Ltd. A copy of the Certificate of Change of Name is enclosed for your reference.

Yours very truly,
WESTAR TIMBER LTD.



G. Derek Gillis,
Associate Counsel

GDG:av
Encls.

IR-2395
PR 2704
PE 2705
PA 2397
PA 3080
PE 1272
PE 1273
PR-1748
IR-1781
PE-5594



Province of British Columbia
Ministry of Consumer and Corporate Affairs
REGISTRAR OF COMPANIES

COMPANY ACT

Certificate

I HEREBY CERTIFY THAT

BC TIMBER LTD.

CERTIFIED A TRUE COPY

April 17, 1984

M. A. Jorke de St. Jorre
REGISTRAR OF COMPANIES
FOR THE PROVINCE OF BRITISH COLUMBIA.

HAS THIS DAY CHANGED ITS NAME TO THE NAME

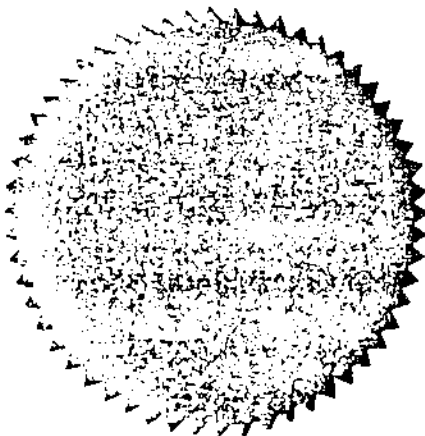
WESTAR TIMBER LTD.

GIVEN UNDER MY HAND AND SEAL OF OFFICE

AT VICTORIA, BRITISH COLUMBIA,

THIS 16TH DAY OF APRIL, 1984

M. A. JORKE DE ST. JORRE
REGISTRAR OF COMPANIES





Province of
British Columbia

Ministry of
Environment
and
Natural Resources

MEMORANDUM

To: File PE 5594

Date: April 13, 1981.

Investigation of Oil Spill - Cancel Sawmill
Castlegar, B.C.

MINISTRY OF ENVIRONMENT

10-6

APR 29 1981

PE - 5594

WASTE MANAGEMENT BRANCH

On April 9, 1981 after a item in the Nelson Daily News appeared, reporting an oil spill at the Celgar sawmill an investigation was carried out by C. Johnson and H. Auld.

A meeting was held with Mr. G. C. Dinning, mill manager and W. Miner the maintenance foreman to discuss the situation.

The pump which handles condensate from the kilns failed approximately four weeks previous to the reporting of the incident. Parts for the pump were not available locally and were ordered immediately by the maintenance department. The effluent which was discharged to the Columbia River contained a small (but unknown quantity) of heavy lubricating oil which adhered to the rocks and sand of the bank above the river. An unknown quantity of oil escaped to the river but an estimate of a total of 8 barrels of oil were lost based on oil consumption and reclamation. This effluent is normally pumped to the woodroom clarifier where any oil is absorbed by fiber or grit which is eventually disposed of to landfill or to the hog pile.

The primary oil removal unit (gravity separation assisted by baffles) continued to operate throughout the time the pump was out of commission.

The company was reminded again that incidents such as these are non-compliance with the permit and are potentially subject to legal action. It was stressed that it is imperative that notification be given to the local Waste Management Branch at any time when pollution control works need to be bypassed.

The company reported that the required parts for the pump had arrived on April 7 and the pump was operating by 4:00 p.m. April 8th as promised.

The company has also made the following commitments:

1. to clean up the area where the spill occurred by covering with clean gravel.
2. to order a complete pump rebuild kit to be kept in the warehouse.
3. to order a spare motor for the pump.
4. to check spare parts inventory and alternative pumping capacity as required for other pollution control works.
5. a meeting was held on April 9th with all shift maintenance supervisors to make them aware of the requirements of the Pollution Control Permits issued to the company and the responsibilities of supervisors.

| INITIALS | DATE | REVISION |
|----------|------|----------|
| 17H | | |
| 1A | | |

6. as of April 9th plant security will check the pumps every 8 hours to ensure that they are operating and if not to call out a repair crew.
7. the company has a project under consideration to study the removal of oil from the steam prior to the kilns. This will have two benefits:
 1. will eliminate the oil in the condensate and
 2. provide better heat transfer in the kiln heating pipes.

A tour of the kiln area including the oil removal system and piping was carried out after the meeting. Figure 1 shows the layout of the condensate handling systems including the areas for potential discharge.

Recommendations

It is my recommendation that no further action is required as the company has made adequate commitments to maintain the works in the future.

The adverse publicity received by the company as a result of this incident has had a beneficial effect on the attitude of the company towards pollution control.



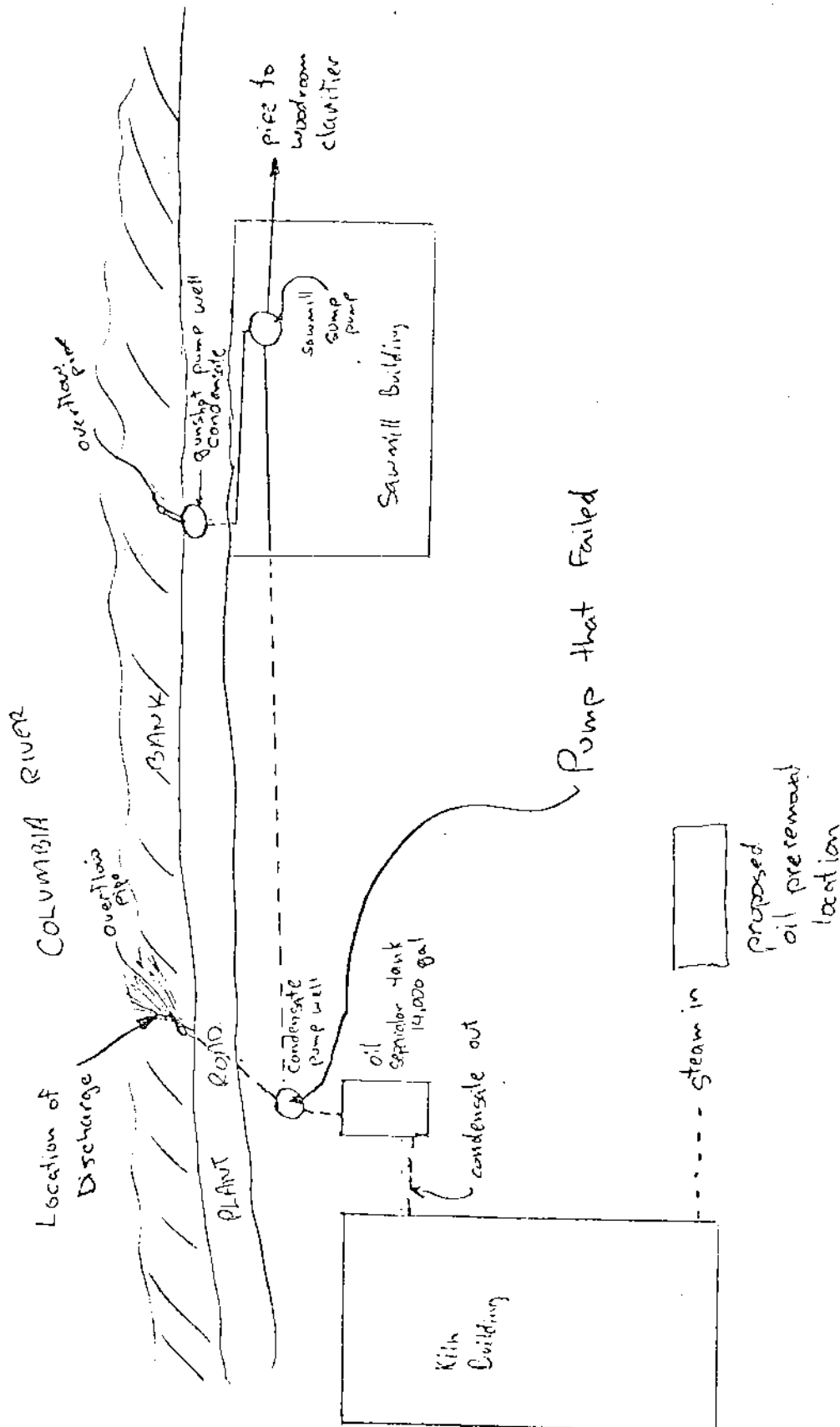
Carl Johnson, P. Eng.,
Engineer.

CJ/lk

bcgeu

Cellgar. Condensate Handling System.

Oil Spill March 1981



DEPARTMENT OF ENVIRONMENT
WATER RESOURCES

FEB 12 1980
PE-5594

POLLUTION CONTROL BRANCH

To be completed at **PE-5594** A remplir par le **Office of Origin** **Bureau d'origine** Please Print En majuscules s.v.p.

| | | | |
|---|---|---|--|
| Post Office of Mailing Victoria, B.C. | Bureau d'expédition | Date FEB 5 1980 | Registration No de recommandation 8929 |
| Name of Addressee Canadian Cellulose Company, Limited | | | |
| P.O. Box RR or Apt No No and Street 1200 - 1111 West Hastings Street | | | |
| City Vancouver | Ville B.C. | Province B.C. | Country B.C. |
| Postal CODE V6E 2K2 | | Pays B.C. | |
| Office of Destination | | Bureau destinataire | |
| This advice should be signed by the addressee or his authorized representative or, if the regulations of the country of destination provide, by the postmaster at the office of delivery and returned by first mail to the address shown on the other side. | | Cet avis doit être signé par le destinataire ou son représentant ou, si le règlement du pays de destination le comporte, par l'agent du bureau de destination et renvoyé par le premier courrier à l'adresse indiquée au recto. | |
| The above mentioned item was delivered on | | L'envoi recommandé ci-dessus mentionné a été dûment livré le | |
| Signature of Postmaster at Office of Delivery | Signature de l'agent du bureau de destination | Signature of Addressee or his Authorized Representative | Signature du destinataire ou de son représentant |
| <i>[Signature]</i> | | <i>P. N. Crang</i> | |

33-086-239

POST OFFICE
VICTORIA, B.C. V6E 2K2
FEB 7 1980
REGISTRATION SECTION
V6E 2K2

XXXX

Canadian Cellulose Company, Limited
1200 - 1111 West Hastings Street, Vancouver, British Columbia, V6E 2K2
effluent
a sawmill-planermill complex
at Castlegar, British Columbia
the Columbia River

01 and A

FEB 5 1980

PE-5594

[Handwritten signature]

| APPROVED | | |
|-----------|-------------------------------|------------------|
| PROCESS | INITIAL | DATE |
| ENGINEER | <i>[Handwritten initials]</i> | <i>Jan 16/80</i> |
| SEC HEAD | <i>[Handwritten initials]</i> | <i>22-1</i> |
| DIV CHIEF | <i>[Handwritten initials]</i> | <i>22-1</i> |

01
PE-5594

compressor cooling water

A
an average of 140 m³/d for a maximum
period of one week/year.

uncontaminated mill water with a maximum discharge temperature not exceeding 35°C.

discharge piping and related appurtenances

A
D.L. 13931,
5636 and 5953, Kootenay District.

on and from the date
of this Appendix.

FEB 5 1980

| APPROVED | | |
|-----------|--------------------|------------------|
| PROCESS | INITIAL | DATE |
| ENGINEER | <i>[Signature]</i> | <i>Jan 16/80</i> |
| SEC HEAD | | |
| DIV CHIEF | <i>[Signature]</i> | <i>22-1</i> |



Province of
British Columbia

Ministry of the
Environment
Pollution
Control Branch

MEMORANDUM

To: Water Rights Branch
Atten: Regional Engineer

Deputy Ministry of Agriculture

Fish and Wildlife Branch

Medical Health Officer -
West Kootenay Health Unit

Chief Inspector of Mines

Date: FEB 5 1980

FILE: 0262100-PE-5594

FROM: Pollution Control Branch
Parliament Buildings
Victoria, B.C.
V8V 1X4

Application for a Pollution Control Permit on behalf of Canadian
Cellulose Company, Limited located at Castlegar, B.C.

☒ Permit No. PE-5594, dated FEB 5 1980, has been
issued to the subject applicant.

☐ Amendment to Permit No. _____, dated _____
has been issued to the subject application.

BB
B. Bruce
Expeditor

1a

APPLICATION WORK FORM

APPLICANT CANADIAN LINCOLN COMPANY, LIMITEDFl. No. 19-70APPLICATION DATE July 10, 1979APPLICATION RECEIVED July 10, 1979PCB REGION EDMONTONDIVISION/REGION EDMONTONSECTION EDMONTONENGINEER EDMONTONORDER DATE 1979

(IF APPLICABLE)

Has P.C.B. been authorized to act as agent: YES ☐ NO ☒

AGENT/AND/OR MAILING ADDRESS: REGISTERED ADDRESS

1290, 1111 West Hastings St.,
Vancouver, British Columbia
V6H 2K2REGISTERED DISCHARGE? NONo. (s) NODESCRIPTION OF APPLICATION: DISCHARGE OF effluentFROM A smallLOCATED AT Castlegar, B.C.LONGITUDE "LATITUDE "

ADMINISTRATIVE CHECK LIST

1. APPLICATION SIGNED yes
2. APPLICATION DATED yes
3. RECEIVED WITHIN TIME LIMIT yes

ADMINISTRATIVELY ACCEPTABLE AS APPLICATION

yes

PRELIMINARY TECHNICAL CHECK LIST

1. APPROPRIATE PLAN RECEIVED ☒
2. LAND DESCRIPTION ADEQUATE ☒
3. DESCRIPTION OF SOURCE ☒
4. TYPE & CHARACTERISTICS OF DISCHARGE ☒
5. QUANTITY OF DISCHARGE ☒
6. ADDITIONAL INFORMATION ☒

TECHNICALLY ACCEPTABLE AS APPLICATION

yes

PROCESSING SCHEDULE

1. CIRCULATED TO AGENCIES BY June 14, 1979
3. FINAL OBJECTION DATE 1979

2. PROOF OF PUBLISHING BY July 3, 1979
4. TARGET COMPLETION DATE July 28, 1979

ADVERTISING REQUIREMENT —

AE-5594

- ☐
1. PUBLISHING NOT REQUIRED DUE TO

- ☒
2. PUBLISHING REQUIRED -
- Discharge not Registered

- a) BRITISH COLUMBIA GAZETTE
- b) Castlegar News
- c) 12/7/79

RECOMMENDED BY D. J. M.

PROOF OF PUBLISHING RECEIVED

- a) 22/6 19 79 CHECKED BB
- b) 19/7 19 79 CHECKED BB
- c) 19 CHECKED BB

LAST PUBLICATION DATE June 28, 1979CHECKED BY BB

CIRCULATION INSTRUCTIONS - AE-5594

- ☒ 1. DEPUTY MINISTER OF HEALTH
- ☒ 2. DEPUTY MINISTER OF RECREATION & CONSERVATION
- ☒ 3. DEPUTY MINISTER OF AGRICULTURE
- ☒ 4. ~~COMPTROLLER OF WATER RIGHTS~~ Holton
- ☒ 5. REGIONAL DISTRICT OF Central Kootenay
- ☒ 6. REGIONAL MANAGER/HEAD OFFICE
- ☒ 7. FEDERAL DEPARTMENT OF ENVIRONMENT
- ☐ 8. CHIEF ENGINEER, WATER INVESTIGATIONS
- ☐ 9. DEPUTY MINISTER OF MINES (TAILINGS POND)
- ☐ 10. DEPUTY MINISTER OF MINES
- ☐ 11. APPLICANT RE STABILITY TAILINGS POND

DETERMINED BY June 8, 1979DATE CIRCULATED June 8, 1979CLERK kgIssued 5/2/80
WORK CARD-TO BE RETAINED IN PROCESSING OFFICE

[illegible]

.....

| NAME OF OBJECTOR | | FINAL OBJECTION DATE |
|------------------|---|----------------------|
| | | Feb 26 1979 |
| | | SEC. 13 (2) OR (3) |
| | D | DATE LETTER |
| | M | OF OBJECTION |
| | Y | RECEIVED |
| | | SEC. 13 (6) |
| | D | DATE LETTER |
| | M | OF OBJECTION |
| | Y | RECEIVED |
| | D | DATE LETTER |
| | M | SENT TO BOARD |
| | Y | FOR DETERMINATION |
| | D | DATE MEMO |
| | M | RETURNED FROM |
| | Y | BOARD REGARDING |
| | | DETERMINATION |
| | D | OBJECTOR NOTIFIED |
| | M | OF ACCEPTANCE |
| | Y | OF OBJECTION |
| | D | OBJECTOR NOTIFIED |
| | M | ON NON-ACCEPTANCE |
| | Y | OF OBJECTION |
| | D | OBJECTOR NOTIFIED |
| | M | THAT HEARING |
| | Y | WILL NOT BE HELD |
| | D | OBJECTOR NOTIFIED |
| | M | THAT HEARING |
| | Y | WILL BE HELD |
| | D | NOTICE SENT |
| | M | TO OBJECTOR |
| | Y | RE: PERMIT ISSUE |

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|---|------------------|
| 0 | NOTICE SENT |
| 3 | TO OBJECTOR |
| < | RE: PERMIT ISSUE |

- | | NOTIFIED | RESPONSE | OBJECT | APPROVE | NO POSITION | CONDITIONAL | OTHER |
|---|----------|----------|--------|---------|-------------|-------------|-------|
| 1. DEPUTY MINISTER OF HEALTH | | | | | | | |
| 2. DEPUTY MINISTER OF RECREATION & CONSERVATION | | | | | | | |
| 3. DEPUTY MINISTER OF AGRICULTURE | | | | | | | |
| 4. COMPTROLLER OF WATER RIGHTS | | | | | | | |
| 5. FEDERAL DEPARTMENT OF ENVIRONMENT | | | | | | | |
| 6. CHIEF ENGINEER, WATER INVESTIGATIONS | | | | | | | |
| 7. DEPUTY MINISTER OF MINES (TAILINGS POND) | | | | | | | |
| 8. DEPUTY MINISTER OF MINES | | | | | | | |
| 9. APPLICANT RE STABILITY TAILINGS POND | | | | | | | |
| 10. REGIONAL MANAGER | | | | | | | |

File: 0262100-AE-5594

Date: January 8, 1980

From: Forestry Unit
Pollution Control Section

RESUME FOR PERMIT APPLICATION

Application on behalf of Canadian Cellulose Company, Limited,
Castlegar Sawmill dated May 29, 1979

1. APPLICATION

Canadian Cellulose Company, Limited has made an application to discharge an average of 30,000 IGPD, continuously, of uncontaminated cooling water from the Castlegar Sawmill to the Columbia River.

2. AMENDMENTS

The applicant requested the application be amended to state the operating period during which the cooling water will be discharged to the river to be "maximum of one week per year" instead of "continuously" as originally stated.

3. HISTORY

Although the discharge has been in existence for many years it was not Registered.

The applicant was requested by the Regional Office, not Ordered by the Director, to make application for the discharge.

4. ADMINISTRATIVE ASPECTS

The application was posted, published and circulated to the agencies. The applicant has complied with the Regulations.

5. POLICY

The Level "A" Objectives for sawmill effluent discharge temperature is applicable to this application.

6. AGENCY COMMENTS

The Fish and Wildlife Branch had no comments or objections to this application. None of the other agencies who received a copy of the application have responded to date.

7. OBJECTORS

There were no objectors to the application.

8. REGIONAL OFFICE REPORT

The Regional Office stated the cooling water discharge line discharges near the edge of the Columbia River bank and thus the effluent forms a rivulet which carries sawdust, etc. into the River. Subsequent to the Site Inspection, the company advised the P.C.B. that the water-cooled air compressor will, in future, only be utilized as a standby unit and will only be operating (and thus discharging cooling water) for a maximum period of one week per year. A new air-cooled air compressor has replaced the water-cooled unit.

9. SECURITY REQUIREMENTS

A security deposit is not considered to be a requirement for this application.

10. DISCUSSION OF TECHNICAL ASPECTS

The cooling water discharge temperature is about 15°C. Since this discharge only occurs for a small percentage of the time, when the standby water-cooled compressor is in operation, it is not felt necessary to submerge or otherwise extend the outfall over the river bank.

There is an unauthorized discharge of dryer condensate plus hydraulic barker effluent which results when the pipeline carrying this effluent to the pulp mill clarifier becomes plugged with barker solids. The company plans to solve this problem by installing a dry conveying system for the bark and using this pipeline for screened hydraulic barker effluent plus dryer condensate by mid-1981.

11. RECOMMENDATIONS

1. It is recommended the Director amend the application and issue a Permit for a discharge of cooling water of 140 m³/d for a maximum period of 1 week/year. Temperature of the effluent should not exceed 35°C.
2. The Letter of Transmittal should include the following:
 - a) A "Program of Improvements" clause to install a dry conveying system for the bark from the sawmill hydraulic barker to the pulp mill by the end of 1981. This should eliminate the unauthorized discharge of hydraulic barker effluent and dryer condensate to the Columbia River.
 - b) A sampling and monitoring clause in which the Permittee shall measure and record the average flow of effluent, one temperature measurement of the effluent and the duration the effluent is discharged during each period of discharge.

D.Y. Morrison
D.Y. Morrison

DYM/1a

Concur with resume recommendations
M. K.
22-5-80

| APPROVED | | |
|-----------|------------|---------------|
| PROCESS | INITIAL | DATE |
| ENGINEER | <i>DYM</i> | <i>7/1/80</i> |
| SEC HEAD | <i>DK</i> | <i>7/1/80</i> |
| DIV CHIEF | | |

File: 0262100-AE-5594

Date: January 8, 1980

From: Forestry Unit
Pollution Control Section

TECHNICAL ASSESSMENT FOR PERMIT APPLICATION

Application on behalf of Canadian Cellulose Company, Limited,
Castlegar Sawmill, dated May 29, 1979

1. SOURCE OF DISCHARGE

The source of discharge is a sawmill-planer mill complex located on the south bank of the Columbia River. The sawmill was originally built in 1961 but was destroyed by a fire in 1978 and rebuilt the same year. The rebuilt sawmill comprises of two large log lines which have a 54" hydraulic barker and one small log line which has two 22" mechanical barkers. The species of logs cut are hemlock, cedar, spruce, pine and fir, which are manufactured into lumber, chips and hog fuel. There is a "Chip 'N saw" operation associated with the sawmill.

The complex also consists of a planer mill and 3 steam heated dry kilns. The kilns are heated by steam which is obtained from the Castlegar kraft pulp mill, about 1/2 mile downstream.

2. TREATMENT OF DISCHARGE

No treatment of the discharge under application is considered necessary since it is uncontaminated cooling water which is discharged at about 15°C. This cooling water is mill process water which is obtained from the Arrow Lakes, about 3 miles upstream from the mill.

As pointed out by the Regional Office, there is an unauthorized discharge for about 4 hours per week of dryer condensate containing some emulsified oil along with hydraulic barker effluent. This water is normally pumped over to the barker clarifier located at the pulp mill. However, this line periodically plugs with solids resulting from the barker operation which results in overflows to the river. The company plans to solve this plugging problem by installing a dry conveying system to carry bark to the pulp mill and to continue to utilize the pipeline to convey the hydraulic barker effluent plus dryer condensate to the pulp mill screens and clarifier.

3. RECEIVING ENVIRONMENT

The receiving environment is the Columbia River which has a normal minimum flow of 142 m³/s (27 x 10⁸ IGPD) and the lowest recorded flow of 30 m³/s (5.7 x 10⁸ IGPD) at the location of the sawmill. The maximum discharge of uncontaminated effluent under application is less than 6 x 10⁴ IGPD which would have a negligible effect on the receiving waters.

4. PROPOSED MONITORING

Monitoring of the effluent discharge should consist of measuring the average flow of effluent, duration of effluent flow and one temperature measurement of the effluent during each period of discharge.

5. ASSESSMENT

Since the effluent under application is:

- a) uncontaminated cooling water at less than 35°C
- b) of small flow rate for a maximum period of one week per year to the Columbia River

there should be no adverse effects on the receiving environment resulting from this discharge.


D.Y. Morrison



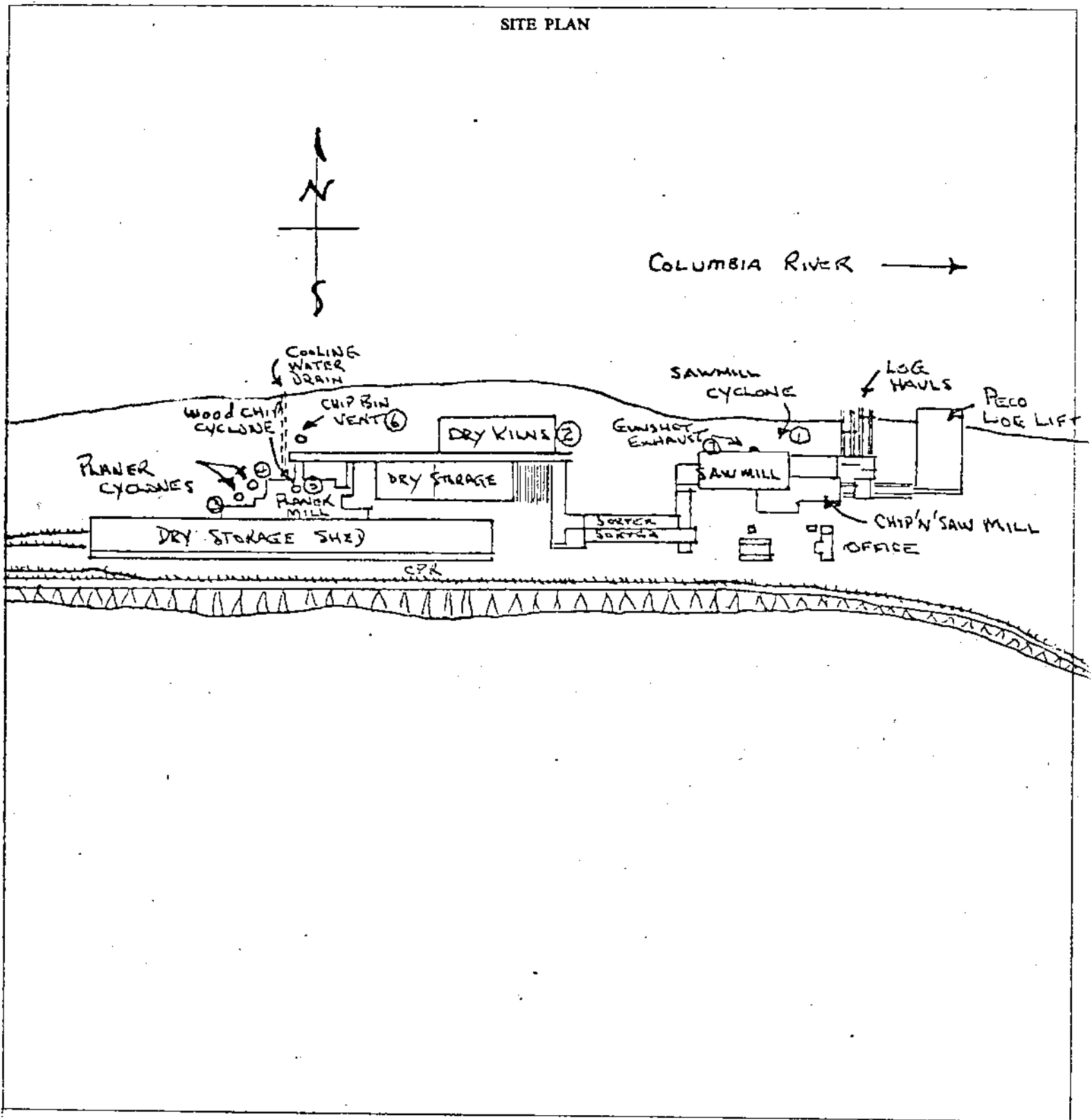
Province of
British Columbia

Ministry of the
Environment

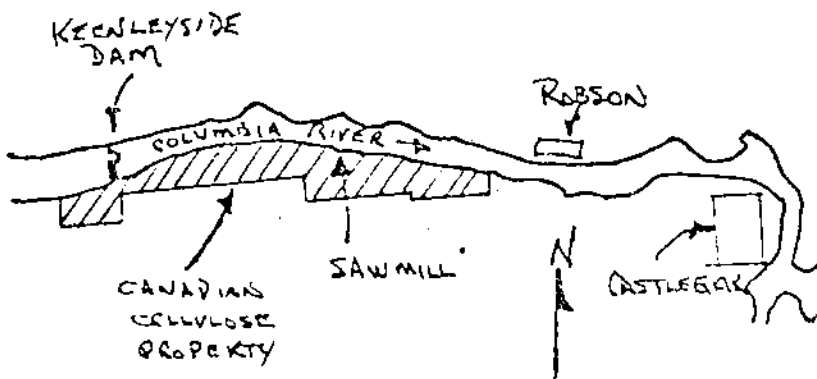
DEPARTMENT OF ENVIRONMENT
WATER RESOURCES
JUN 4 1979
POLLUTION CONTROL BRANCH

POLLUTION CONTROL BRANCH

SITE PLAN



LOCATION MAP
LOCATION MAP



CANADIAN CELLULOSE COMPANY LIMITED
(Name of applicant(s))

May 29, 1979
(Date)

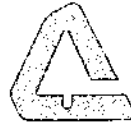
[Signature]
(Signature of applicant(s) or agent)

(FOR OFFICE USE ONLY)

(Date issued)

(Director of Pollution Control)

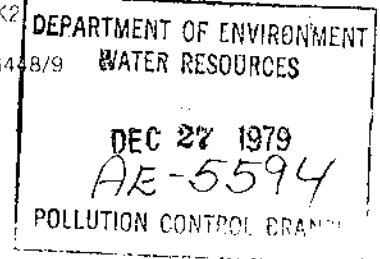
Appendix to Permit No.



Canadian Cellulose Company, Limited

Corporate Office

1200-111st West Hastings Street
Vancouver, B.C., Canada V6E 2K2
Telephone: (604) 685 2452
Telex: 04 53277 TWX: 610 922 648/9



December 20, 1979

Pollution Control Branch
Ministry of the Environment
1106 Cook Street
Victoria, B.C.
V8V 1X4

Your File: 0262100-AE-5594

Attention: Mr. D.Y. Morrison, P.Eng.
Forestry Section
Industrial Division

Dear Sir:

Re: Application Pursuant to Pollution
Control Act on behalf of Canadian
Cellulose Company Limited, Castlegar
Sawmill, dated May 29, 1979.

The following is the status of the hydraulic barker effluent line at our Castlegar sawmill. This information was requested during our telephone conversation on December 18, 1979.

As discussed earlier, this line, which carries both bark and effluent from the sawmill hydraulic barker to the pulpmill woodroom, periodically plugs and when this occurs, bark is separated from the effluent and removed by truck from the sawmill while the effluent is discharged to the Columbia River at the sawmill. The frequency of plugging has increased since start-up of the new small-log sawmill.

Our Engineering Department has investigated the problem and concluded that the best solution would be to install a dry conveying system (i.e. belt or pneumatic conveyor) to carry bark to the pulpmill and to continue to utilize the pipeline to convey hydraulic barker effluent to the pulpmill screens and clarifier. These modifications are included in our 1980 Capital Budget and, subject to approval by our Board of Directors, should be completed by mid-1981.

| DISTRIBUTION | DATE | INITIALS |
|--------------|-----------|-------------|
| D.Y.M. | Dec 27/79 | [Signature] |
| file | | |

...2

Mr. D.Y. Morrison
December 20, 1979
Page 2.

With regard to your question about an anti-stain system, I wish to confirm that we have no such system at our Castlegar sawmill.

Yours truly,

A handwritten signature in cursive script, appearing to read "L.R. Galloway".

L.R. Galloway, P.Eng.

cc: Mr. M.K. Baillargeon, P.Eng.
Ministry of the Environment
Pollution Control Branch
310 Ward Street
Nelson, B.C.

G.C. Dinning



MEMORANDUM

AE-5579

To: D.Y. Morrison
Forestry Section
Processing Division

Date: September 6, 1979

Re: Cancel sump pump

The pump is a 10" trash pump - it will pass material 10" in diameter. System failures average 4 hours per week and are due to clogging of either the piping leading to the pulp mill or the pump by bark. When the system is down the condensate and compressor cooling water overflow the sump to discharge into the Columbia River.

Solving this problem will be difficult, however, it cannot be ignored.

P.A. Apostoli, P. Eng.
Coast Region

PAA/du

c.c.: C. Anderson
Nelson Office

File: 0262100-AE-5594

Date: September 6, 1979

From: Processing Division
Forestry Section (DYM)

MEMO TO FILE

Re: Cancel, Castlegar Sawmill effluent discharge

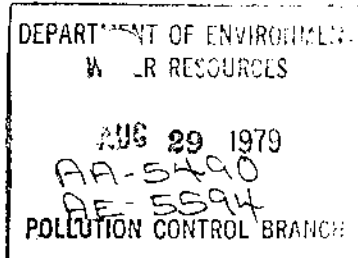
The Regional Office noted in its Site Inspection report, dated June 29, 1979 that there is an unauthorized discharge of effluent, not covered by AE-5594 that occurs from time to time. This discharge is an overflow from the barker effluent sump to the Columbia River which occurs when the line becomes plugged with barker solids. L. Galloway of Cancel stated preliminary investigation indicates this happens about once per month and it can take up to a few days to locate the plug and then unplug the line. Meanwhile, condensate containing some oil, compressor cooling water and hydraulic barker effluent is "spilled" from the sump to the Columbia River at the Sawmill rather than being pumped to the hydraulic barker effluent clarifier at the pulp mill as it should be.

L. Galloway telephoned on September 5 and stated that he would like to visit the Sawmill in late September or early October to further investigate the "spill" problem and propose a solution to the P.C.B. by about mid-October. I advised Galloway that I would hold off further processing of this application until he submits his findings and proposal to us.

D.Y. Morrison

D.Y. Morrison

DYM/la



Corporate Office



Canadian Cellulose Company, Limited

1200-1111 West Hastings Street
Vancouver, B.C., Canada V6E 2K2
Telephone: (604) 685-2452
Telex: 04 53277 TWX: 610 922 6448/9

Pollution Control Branch
Ministry of the Environment
1106 Cook Street
Victoria, B.C.
V8V 1X4

August 24, 1979

Your files: 0262100-AA-5490
0262100-AE-5594

Attention: Mr. D.Y. Morrison, P. Eng.
Forestry Section
Industrial Division

Re: Applications Pursuant to Pollution Control
Act on behalf of Canadian Cellulose Company
Limited, Castlegar Sawmill, dated February 26,
1979 and May 29, 1979.

Dear Sir:

This will confirm our telephone conversation this
morning regarding the above Applications.

AE-5594 → 1. With regard to the effluent permit application
(0262100-AE-5594), I have been advised by our Mill
Manager that the air compressor, from which the cooling water
discharge originates, is now utilized only as a stand-by unit.
This change in status results from the recent installation of
a new air-cooled compressor. Consequently, the water-cooled
air compressor is expected to be used only when the other air
compressors are down for maintenance and it is estimated that
the operating time for this unit will be a maximum of one week
per year. There is no cooling water discharged when the unit
is not operating. Consequently, we would request that "the
operating period during which the effluent will be discharged"
under Item 4 of the Application be changed from "continuous"
to "one week per year".

AA-5490 → 2. A revised supplementary Information Form 7 of 7 for our
air permit application (0262100-AA-5490) was forwarded
to you on August 20, 1979. Under Item 4 of this Form, the
rates of discharge were incorrectly stated in lbs/hour rather
than SCFM or mol/s. Please make the following changes:

| DISTRIBUTION | DATE | INITIALS |
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Pollution Control Branch
August 24, 1979
Page 2.

Item 4 (a) Maximum should read 0.62 mol/s rather than 40,000 lbs per hour at 28 p.s.i.; Item 4 (b) average daily based on daily operating period should read 0.21 mol/s rather than 320,000 lbs per day at 28 p.s.i. With regard to the installation of the oil separator, the Mill Manager anticipates that this can be installed within the next 12 months.

Yours truly,

A handwritten signature in dark ink, appearing to read "L.R. Galloway", with a stylized flourish at the end.

L.R. Galloway, P.Eng.

cc: Mr. M.K. Baillargeon, P.Eng.
Ministry of the Environment
Pollution Control Branch
310 Ward Street
Nelson, B.C.

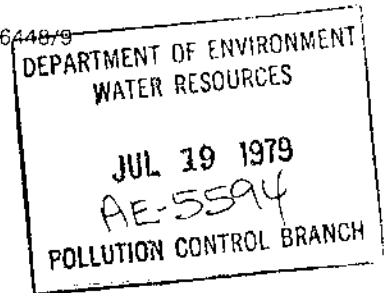
G.C. Dinning



Canadian Cellulose Company, Limited

Corporate Office

1200-1111 West Hastings Street
Vancouver, B.C., Canada V6E 2K2
Telephone: (604) 685-2452
Telex: 04 53277 TWX: 610 922 6448/9



July 16, 1979

Ministry of the Environment
Pollution Control Branch
1106 Cook Street
VICTORIA, B.C.
V8V 1X4

ATTENTION: B. Bruce, Expeditor

Dear Sirs:

RE: APPLICATION PURSUANT TO POLLUTION CONTROL ACT
ON BEHALF OF CANADIAN CELLULOSE COMPANY LIMITED
DATED MAY 29, 1979 - YOUR FILE 0262100-AE-5594

In reply to your letter of July 12, 1979 we enclose
herewith the proof of publication of our application in
the Castlegar News on June 28, 1979.

Yours truly,

CANADIAN CELLULOSE COMPANY, LIMITED

G. D. GILLIS
Associate Council

GDG/irc

Enclosure 1

| DATE | BY | REMARKS |
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Pollution Control Branch

Pollution Control Branch File No. AE-559A

**APPLICATION FOR A PERMIT UNDER THE
POLLUTION CONTROL ACT
(Effluent)**

THIS APPLICATION is to be filed with the Director of Pollution Control, 1106 Cook Street, VICTORIA, British Columbia V8V 1X4. Any person who qualified as an objector under section 13 of the Pollution Control Act may, within 30 days of the date of application, or within 30 days of the date of publication in The British Columbia Gazette or in a newspaper, or where service is required, within 30 days of serving a copy of the application, file with the Director at the above address an objection in writing to the granting of a permit, stating the manner in which he is affected.

REAMBLE -The purpose of this application is to obtain a permit under the provisions of Section 5(2) of the Pollution Control Act involving a discharge (effluent) of uncontaminated cooling water from the Castlegar Sawmill to the Columbia River.

I/We, **CANADIAN CELLULOSE COMPANY, LIMITED** of 1200 - 1111 West Hastings Street, VANCOUVER, B.C. V6E 2K2, hereby apply to the Director for permit to discharge effluent from a Sawmill, located at Castlegar, B.C., into the Columbia River which flows east.

The land upon which the works are located is Lot Nos. 13981, 5636, & 5953, KOOTENAY DISTRICT.

The discharge shall be located at THE CANADIAN CELLULOSE COMPANY, LIMITED, PROPERTY, three miles west of Castlegar, B.C.

The quantity of effluent to be discharged is as follows:

Average daily discharge (based on operating period) 30,000 Imp. Gallons

Maximum daily discharge 57,600 Imp. Gallons

The operating period during which the effluent will be discharged is continuous.

The characteristics of the effluent discharged shall be equivalent to or better than (insert values after completion of column (3) of table (a) on reverse side).

Total suspended solids - 15mg/l. — Total solids - 65mg/l. — B.O.D. - 2mg/l. pH range - 7.2 - 7.8 — Temperature range - 5-15 degrees C.

The type of treatment to be applied to the effluent before discharge is as follows:
Nil

This application, dated on May 29, 1979, was posted on the ground in accordance with the Pollution Control Regulations.

CANADIAN CELLULOSE COMPANY, LIMITED
G. C. Dinning



YOUR FILE

OUR FILE 0262100-AH-5594

July 12, 1979

Canadian Cellulose Company Limited
1200, 1111 West Hastings St.,
Vancouver, British Columbia
V6E 2K2

Gentlemen:

Application Pursuant to Pollution Control Act
on behalf of Canadian Cellulose Company Limited
dated May 29, 1979

Further to our letter dated June 13, 1979, it is noted that
to date no proof has been received of the publication of your
application dated May 29, 1979, in the Castlegar News.

Your attention is respectfully directed to the requirement that
proof of publication is to be filed with the Pollution Control
Branch within 60 days of the date of application. Therefore,
proof of publication must be received in this office by July
28, 1979, otherwise the Director may be precluded from
acting on your application.

Yours very truly,

B. Bruce

B. Bruce
Expeditor

MEMORANDUM JUL 12 1979

REPLY REFER TO FILE NO.

Your File: AE 5594

Date: July 6/79

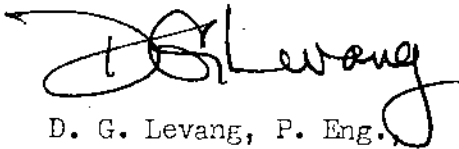
POLLUTION CONTROL BRANCH

FROM: ENVIRONMENTAL ENGINEERING DIVISION
Ministry of Health
Kootenay Region
2205 - 2nd Street, North
Cranbrook, B.C. VLC 3L4TO: POLLUTION CONTROL BRANCH
Department of Environment
Parliament Buildings
Victoria

RE: APPLICATION FOR POLLUTION CONTROL BRANCH PERMIT:

NUMBER AE 5594APPLICANT CANCELDATE OF APPLICATION MAY 29/79The application was received in the Kootenay Regional Engineer's office on
JUNE 19/79.

The application for a Pollution Control Permit as noted above has been reviewed by the Health Ministry. Based on the information contained in the application, we can find no conflict with the Health Ministry's requirements.

D. G. Levang, P. Eng.
Regional Engineer,
Kootenay Region

DGL:gp

CC CPHE-WKMU
DGL FILE

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To: D.Y. Morrison, P. Eng.,
Victoria.

JUL 4 1979
AE-5594
POLLUTION CONTROL BRANCH

Date: June 29, 1979.
File: AE 5594

The attached sketch of the exhaust steam manifold at the Cancell sawmill in Castlegar was prepared subsequent to my mill visit of June 26, 1979, where I had a discussion with Mr. Miner, the maintenance superintendent.

The emission which I had labelled gunshot exhaust was in fact a 6" relief line from the 12" section of the header with a 6" back pressure valve set at 40 psig which opened when there was a pressure surge in the header, mainly caused by the gunshot carriage cylinders. The frequency of the relieving was about once per minute and it was quite noisy.

The PCB interest in this emission coupled with the complaints from the residents s.22 about noise pollution caused the mill to install a 3" relief line at the west end of the header emerging above the roof of the last dry kiln. This line is equipped with a 3" back pressure valve set at 35 psig and with a silencer mounted on the roof. The line out of the silencer has a 90° ell on it and points south across the roof and away from the river.

The above installation has resulted in a steady, silenced emission from the 3" line and in a steady, much smaller and silent emission from the 6" line. The residents s.22 have stopped complaining about the noise of the exhaust.

Mr. Miner plans to increase the size of the line at the end of the header to 6" and to exchange the 6" and 3" valves. This should result in eliminating the discharge at the east end of the header under normal circumstances. I advised Mr. Miner that we would require two more appendices in the application, one for the emission at the east end of the header and one for the emission at the west end.

With respect to the effluent from the sawmill I established the following:

- P.C. follow
to investigate*
1. The condensate from the dryers contains cylinder lubricating oil because the dryers are heated with exhaust steam from the header. Although this condensate goes through a gravity separator where approximately 3 barrels per week of oil are recovered nevertheless it still contains emulsified oil after leaving the separator. It is diluted with cooling water and with barker water and pumped by one vertical pump to the clarifier at the pulpmill. The vertical pump well has an overflow for emergency discharge to the river should the pump not be operative. This happens for about 4 hours per week.

The above explains some of the oil and grease in the pulp mill effluent.

2. The cooling water discharge for which application for a permit has been made is the most westerly cooling water discharge and goes to the river because it is not connected to the deep well pump. The discharge line does not extend over the bank and into the river. It stops short of the edge of the bank and the cooling water forms a rivulet which carries sawdust etc. into the river. I pointed this out to Mr. Miner.

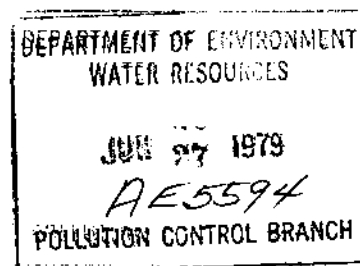
[Signature]
P. Apostoli, P. Eng.,
Engineer - Nelson.

| DISTRIBUTION | DATE | INITIALS |
|-------------------------------|------|----------|
| DYM | | |
| Page 44 of 210 MOE-2019-95716 | | |



Fisheries and Environment Canada Pêches et Environnement Canada
Environmental Protection Protection de l'Environnement

Kapilano 100, Park Royal, 4th Floor
West Vancouver, B.C., V7T 1A2



June 21, 1979

Mr. R.H. Ferguson, P. Eng.
Acting Director
Pollution Control Branch
Ministry of the Environment
Parliament Buildings
Victoria, B.C. V8V 4S5

Your file Votre référence

0262100-AE-5594

Our file Notre référence

4804-37/C430-1

Dear Mr. Ferguson:

Re: Application Pursuant to Pollution Control Act, on
behalf of Canadian Cellulose Co. Ltd., dated May
29, 1979, located at Castlegar, B.C.

Reference is made to your letter of June 8, 1979.
Environment Canada has reviewed the subject permit
application, and we have no comments based on the
information presented in the application.

Yours truly,

B.A. Heskin, P. Eng.
Regional Director,
Pacific Region

| DISTRIBUTION | DATE | INITIALS |
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To: Pollution Control Branch, **JUN 25 1979**
Parliament Buildings,
Victoria, B. C.
V8V 1X4
AE-SS94
POLLUTION CONTROL BRANCH

Date: June 20, 1979

Our File: 287-5-18
Your File: 0262100-AE-5594

Subject: Canadian Cellulose Co. Ltd.,
Castlegar, B. C.

From: Water Rights Branch,
Regional Office,
Nelson, B. C.

This is to advise that this office has no objection to the granting of the above noted application for the discharge of cooling water to the Columbia River.

T. H. OXLAND, ENGINEER FOR THE NELSON
WATER DISTRICT

PER:

L. E. Garinger, P. Eng.

L. GARINGER/lcb
352-2211-Loc. 276

| DISTRIBUTION | DATE | INITIALS |
|--------------|------|----------|
| DYM | | Pgm |
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Province of
British Columbia

Ministry of ENVIRONMENT
~~RECREATION AND~~
~~CONSERVATION~~

310 Ward Street
Nelson, B.C. V1L 5S4

352-2211, loc. 240

FISH AND WILDLIFE BRANCH

| |
|---------------------------|
| DEPARTMENT OF ENVIRONMENT |
| WATER RESOURCES |
| JUN 21 1979 |
| AE-5594 |
| POLLUTION CONTROL BRANCH |

YOUR FILE 0262100-AE-5594
OUR FILE 0566

June 19, 1979

The Director
Pollution Control Branch
Parliament Buildings
Victoria, B.C. V8V 1X4

Dear Sir:

Subject: Pollution Control Application - Canadian Cellulose Company Ltd. -
AE-5594

Please be advised we have no comments or objections to the above named
application.

Yours truly,

H. Andrusak /hc

H. Andrusak
Acting Regional Manager

HA/hc

cc: L. Frobisher

| DISTRICT | DATE | INITIALS |
|----------|------------|----------|
| DYK | June 21/79 | By M |
| File | | |
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to the Director for a permit to discharge effluent from a salmon aquaculture fish-dressing plant located at Alberni Inlet (Underwood Cove) into Barkley Sound which flows westerly and discharges into the Pacific Ocean, and gives notice of application to all persons affected.

The water upon which the works are located is Underwood Cove, Alberni Inlet, Water Lot 252g.

The discharge shall be located at Underwood Cove.

The quantity of effluent to be discharged is as follows: Average annual daily discharge (based on operating period), 35,000 gallons. Maximum daily discharge, 50,000 gallons.

The operating period during which the effluent will be discharged is 40 hours a week, January 1 to December 31.

The characteristics of the effluent discharged shall be equivalent to or better than total suspended solids, 54 ppm; total solids, 54; BOD, 54; pH range, 7 to 8.

The type of treatment to be applied to the effluent before discharge is all effluent water passing over a tangential screen (with .020 opening); discharge through an extended submerged outfall.

This application, dated on June 1, 1979, was posted on the ground in accordance with the Pollution Control Regulations.

E. V. STAVRAKOV

je14-2728

Agent

APPLICATION FOR PERMIT UNDER POLLUTION CONTROL ACT (Effluent)

THIS APPLICATION is to be filed with the Director of Pollution Control, 1106 Cooke Street, Victoria, B.C. V8V 1X4.

Any person who qualifies as an objector under section 13 of the *Pollution Control Act* may, within 30 days of the date of application, or within 30 days of the date of publication in *The British Columbia Gazette* or in a newspaper, or where service is required, within 30 days of serving a copy of the application, file with the Director at the above address an objection in writing to the granting of a permit, stating the manner in which he is affected.

Preamble—The purpose of this application is to obtain a permit under the provisions of sections 5 (2) of the *Pollution Control Act* involving a discharge (effluent).

Canadian Cellulose Company, Limited, 1200, 1111 West Hastings Street, Vancouver, B.C. V6E 2K2, hereby applies to the Director for a permit to discharge effluent from a sawmill located at Castlegar, into Columbia River which flows east, and gives notice of application to all persons affected.

The land upon which the works are located is Lots 13981, 5636, and 5953, Kootenay District.

The discharge shall be located at the Canadian Cellulose Company, Limited property, 3 miles west of Castlegar.

The quantity of effluent to be discharged is as follows: Average daily discharge (based on operating period), 30,000 imperial gallons. Maximum daily discharge, 57,600 imperial gallons.

The operating period during which the effluent will be discharged is continuous.

The characteristics of the effluent discharged shall be equivalent to or better than total suspended solids, 15 mg/L; total solids, 65 mg/L; BOD, 2 mg/L; pH range, 7.2 to 7.8; temperature range, 5 to 15°C.

The type of treatment to be applied to the effluent before discharge is nil.

This application, dated on May 29, 1979, was posted on the ground in accordance with the Pollution Control Regulations.

CANADIAN CELLULOSE COMPANY,
je14-2728 LIMITED

APPLICATION FOR PERMIT UNDER POLLUTION CONTROL ACT (Emissions)

THIS APPLICATION is to be filed with the Director of Pollution Control, Parliament Buildings, Victoria, B.C. V8V 1X4.

Any person who qualifies as an objector under section 13 of the *Pollution Control Act* may, within 30 days of the date of application, or within 30 days of the date of publication in *The British Columbia Gazette* or in a newspaper, or where service is required, within 30 days of serving a copy of the application, file with the Director at the above address an objection in writing to the granting of a permit, stating the manner in which he is affected.

Preamble—The purpose of this application is to obtain approval for discharge to the atmosphere of the stack gasses produced by combustion of coal and diesel fuels, and of ventilation air from various buildings of the Elk River Mine. This mine is a part of the Elk River Coal Project, which was granted approval-in-principle on February 22, 1979.

Elco Mining Limited, 736 Broughton Street, Victoria, B.C., hereby applies to the Director for a permit to discharge or emit contaminant(s) into the air from the Elk River Mine located at circa 50 kilometres north of Elkford in the Elk Valley, and gives notice of application to all persons affected.

The land upon which the works are located comprises Lots 8470, 1999, 1998, 8472, 1996, 1997, 1995, 1994, 8474, 1934, 1993, Kootenay District.

The discharge or emission shall be located generally at that area on the Elk Valley lying immediately to the west of the Forest Service bridge over the Elk River.

The rate of discharge is (dry basis):
(a) Maximum, 11,600 mol/s; duration, three hours a day; frequency, once a day.
(b) Average daily (based on normal daily operating period), 9,685 mol/s.

The operating period during which contaminant(s) will be discharged is continuous.

The characteristics of the contaminant(s) to be discharged are up to 4.5 mg/mol of total particulates and up to 3.4 mg/mol of sulphur dioxide.

The type of treatment to be applied to the contaminant(s) is cyclones, Venturi wet scrubbers, and mechanical separators.

This application, dated on May 25, 1979, was posted on the ground in accordance with the Pollution Control Regulations.

MARTIN J. BIK, D.Sc.

je14-2728

Agent

APPLICATION FOR PERMIT UNDER POLLUTION CONTROL ACT (Refuse)

THIS APPLICATION is to be filed with the Director of Pollution Control, Parliament Buildings, Victoria, B.C. V8V 1X4.

Any person who qualifies as an objector under section 13 of the *Pollution Control Act* may, within 30 days of the date of

application, or within 30 days of the date of publication in *The British Columbia Gazette* or in a newspaper, or where service is required, within 30 days of serving a copy of the application, file with the Director at the above address an objection in writing to the granting of a permit, stating the manner in which he is affected.

Preamble—The purpose of this application is to obtain approval for the disposal of municipal/industrial refuse and putrescible waste from the Elk River Mine. It is proposed to bury this waste in the waste rock disposal areas. The Elk River Mine is a part of the Elk River Coal Project, which was granted approval-in-principle on February 22, 1979.

Elco Mining Limited, 736 Broughton Street, Victoria, B.C., hereby applies to the Director for a permit to discharge refuse from the Elk River Mine located approximately 50 kilometres north of Elkford in the Elk Valley, and gives notice of application to all persons affected.

The refuse-disposal site of approximately 830 hectares shall be located on Lots 8470, 8472, 1934, and 1994 to 1999, inclusive, which is approximately a strip of land extending approximately 3 000 metres to the north and 3 000 metres to the south of the Forest Service bridge over the Elk River.

The type of refuse to be discharged shall be glacial till, rock wastes, carbonaceous material, inert municipal/industrial refuse, and putrescible refuse.

The quantity of refuse to be discharged shall be as follows: Average daily discharge (based on operating period), 126 000 tonnes (76 500 m³). Total annual discharge, 47.0 × 10⁶ tonnes (28.0 × 10⁶ m³).

The operating period during which the refuse will be discharged shall be continuous.

The nature or characteristics (in per cent by weight) of the refuse to be discharged is estimated to be rock wastes, circa 81.92 per cent; glacial till, circa 15.32 per cent; carbonaceous matter, circa 2.70 per cent; municipal/industrial refuse, circa 0.05 per cent; putrescible refuse, circa 0.01 per cent.

The type of treatment to be applied to the refuse is the mine wastes will be covered with till and salvaged topsoil and seeded to grass, followed by the establishment of a shrub and tree cover.

This application, dated on May 25, 1979, was posted on the ground in accordance with the Pollution Control Regulations.

MARTIN J. BIK, D.Sc.

je14-2728

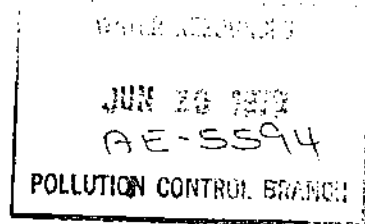
Agent

APPLICATION FOR PERMIT UNDER POLLUTION CONTROL ACT (Effluent)

THIS APPLICATION is to be filed with the Director of Pollution Control, Parliament Buildings, Victoria, B.C., V8V 1X4.

Any person who qualifies as an objector under section 13 of the *Pollution Control Act* may, within 30 days of the date of application, or within 30 days of the date of publication in *The British Columbia Gazette* or in a newspaper, or where service is required, within 30 days of serving a copy of the application, file with the Director at the above address an objection in writing to the granting of a permit, stating the manner in which he is affected.

Preamble—The purpose of this application is to obtain approval for the disposal of municipal/industrial refuse and putrescible waste from the Elk River Mine. It is proposed to bury this waste in the waste rock disposal areas. The Elk River Mine is a part of the Elk River Coal Project, which was granted approval-in-principle on February 22, 1979.



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|---|---|---|--|---|--------------------|
| To be completed at Office of Origin | | AE-5594 A remplir par le Bureau d'origine | | Please Print En majuscules s.v.p. | |
| Post Office of Mailing Bureau d'expédition | | Date | | Registration No. de recommandation | |
| Victoria, B.C. | | June 11/79 | | P4005 | |
| Name of Addressee Nom du destinataire | | Canadian Cellulose Company Limited | | | |
| P.O. Box, R.R. or Apt. No., No. and Street | | C.p. n. de R.R. ou d'app. n. et rue | | | |
| 601 Vernon Street | | | | | |
| City | Ville | Province | Country | Pays | Postal CODE postal |
| Nelson | British Columbia | | | | V1L 4E9 |
| Office of Destination | | Bureau destinataire | | | |
| This advice should be signed by the addressee or his authorized representative or, if the regulations of the country of destination provide, by the postmaster at the office of delivery and returned by first mail to the address shown on the other side. | | Cet avis doit être signé par le destinataire ou son représentant ou, si le règlement du pays de destination le comporte, par l'agent du bureau de destination et renvoyé par le premier courrier à l'adresse indiquée au recto. | | Date Stamp of Office of Delivery L'empreinte à date du bureau de destination | |
| The above mentioned item was delivered on | | L'envoi recommandé susmentionné a été dûment livré le | | 19 | |
| Signature of Postmaster at Office of Delivery | Signature de l'agent du bureau de destination | Signature of Addressee or his Authorized Representative | Signature du destinataire ou de son représentant | 33-086-230 (8-75) | |
| U/L | 14-6-79 | R.D.C.K. | P. Galbraith | | |



Province of
British Columbia

Ministry of
Environment

Pollution Control Branch
1106 Cook Street
Victoria
British Columbia
V8V 1X4
Phone: 387-5321

YELLOW

YOUR FILE

OUR FILE 0262100-AE-5594

June 8, 1979

DOUBLE REGISTERED

Regional District of Central Kootenay
601 Vernon Street
Nelson, British Columbia
V1L 4E9

Gentlemen:

Application Pursuant to Pollution Control Act on
behalf of Canadian Cellulose Company Limited
dated May 29, 1979 located at Castlegar, B.C.

We enclose for the information of your Board, a copy of the above
referenced application for a Pollution Control Permit.

Yours very truly,

B.B.

B. Bruce
Expeditor

Encl.

/bg



YELLOW

To: Queen's Printer

Date: June 8, 1979

File: 0262100-AE-5594

From: Pollution Control
Branch
Victoria, B.C.
V8V 1X4

Subject: Application under Pollution Control Act

Please publish the attached application (Pollution Control Branch File No. 0262100-AE-5594) in the next edition of the B.C. Gazette - Part 1, and charge to the appropriate requisition number for the Pollution Control Branch.

BB
B. Bruce
Expeditor

Encl.

/bg



Province of
British Columbia

Ministry of the
Environment
Pollution Control Branch

MEMORANDUM

To:

Deputy Minister of Agriculture

Fish & Wildlife Branch

Atten: Director

Deputy Minister of Health

Atten: Director, Occupational Health

Environmental Engineering Branch

Atten: Director

Deputy Minister of Mines & Petroleum Resources

Atten: Chief Inspector of Mines

Water Rights Branch

Atten: Regional Engineer

Date: June 8, 1979

FILE: 0262100-AE-5594

FROM: Pollution Control Branch
Parliament Buildings
Victoria, B.C.
V8V 1X4

Application Pursuant to Pollution Control Act on
behalf of Canadian Cellulose Company Limited
dated May 29, 1979 located at Castlegar, B.C.

It is our intention to dispose of this application as expeditiously as possible. Accordingly, if you wish to comment or make recommendations with respect to this application, you are required by the Pollution Control Act to do so within 30 days of the date of this memorandum. Should you require additional time, it will be necessary for you to contact the undersigned and additional time may be given if the circumstances warrant it.

1313
B. Bruce
Expeditor

Encl.

/bg



YELLOW

YOUR FILE

OUR FILE 0262100-AE-5594

JUN 13 1979

Canadian Cellulose Company Limited
1200 - 1111 West Hastings Street
Vancouver, British Columbia
V6E 2K2

Gentlemen:

Application Pursuant to Pollution Control Act on
behalf of Canadian Cellulose Company Limited to
discharge effluent from a sawmill located at
Castlegar, British Columbia dated May 29, 1979

In accordance with the Pollution Control Act, you are required to publish a copy of the subject application (face side) in one issue of Castlegar News.

We are enclosing copies of the application which you may wish to supply as copy to the publisher(s). You should be aware that an error in the advertisement could result in the requirement to republish, and to minimize the possibility, you should ensure the legibility of signatures, etc.

Proof of publication must be filed at the address shown above within sixty days from the date of application. This means that we must receive from you, no later than July 28, 1979 a copy of the full page of which the advertisement appeared in Castlegar News.

We suggest that the advertisement be placed as soon as possible, so that if republishing is necessary for any reason, the time requirement can still be met. Failure to comply with this or any Pollution Control Regulations could preclude the Director from granting a permit.

...2

June 12, 1979

Canadian Cellulose Company Limited
1200 - 1111 West Hastings Street
Vancouver, British Columbia
V6E 2K2

Attention: Mr. L. R. Galloway, P.Eng.

Gentlemen:

Application Pursuant to Pollution Control Act on
behalf of Canadian Cellulose Company Limited,
Castlegar Sawmill, dated May 29, 1979

This will confirm my telephone conversation with Mr. A. Steigleder, Manager of Corporate Engineering during your absence on June 12, 1979 in which it was agreed to add the words "of uncontaminated cooling water from the Castlegar Sawmill to the Columbia River" to that which was stated in the Preamble of the subject application. The purpose of this additional wording is to more clearly indicate what the subject application is about for advertising purposes.

Enclosed is a copy of the face side of the application having the above addition so that you can change your posted and file copies accordingly.

Yours very truly,



D. Y. Morrison, P.Eng.
Forestry Section
Processing Division
Pollution Control Branch

DYM/bg

Encl.

APPLICATION WORK FORM

APPLICANT

Has P.C.B. been authorized to act as agent:

YES ☐ NO ☐

AGENT AND/OR MAILING ADDRESS

File No.

APPLICATION DATE

19

APPLICATION RECEIVED

19

PCB REGION

DIVISION/REGION

SECTION

ENGINEER

ORDER DATE

19

(IF APPLICABLE)

REGISTERED DISCHARGE?

No. (s)

DESCRIPTION OF APPLICATION: DISCHARGE OF

FROM A

LOCATED AT

LONGITUDE

LATITUDE

ADMINISTRATIVE CHECK LIST

1. APPLICATION SIGNED
2. APPLICATION DATED
3. RECEIVED WITHIN TIME LIMIT

ADMINISTRATIVELY ACCEPTABLE AS APPLICATION

PRELIMINARY TECHNICAL CHECK LIST

1. APPROPRIATE PLAN RECEIVED
2. LAND DESCRIPTION ADEQUATE
3. DESCRIPTION OF SOURCE
4. TYPE & CHARACTERISTICS OF DISCHARGE
5. QUANTITY OF DISCHARGE
6. ADDITIONAL INFORMATION

TECHNICALLY ACCEPTABLE AS APPLICATION

PROCESSING SCHEDULE

1. CIRCULATED TO AGENCIES BY 19
3. FINAL OBJECTION DATE 19

- 35 days - July 3
2. PROOF OF PUBLISHING BY July 28 1979
 4. TARGET COMPLETION DATE 19

ADVERTISING REQUIREMENT —

- ☐
1. PUBLISHING NOT REQUIRED DUE TO

- ☐
2. PUBLISHING REQUIRED
-
- a) BRITISH COLUMBIA GAZETTE
-
- b)
-
- c)

RECOMMENDED BY

PROOF OF PUBLISHING RECEIVED

- a) 19 CHECKED
- b) 19 CHECKED
- c) 19 CHECKED

LAST PUBLICATION DATE 19

CHECKED BY

CIRCULATION INSTRUCTIONS —

- ☐
1. DEPUTY MINISTER OF HEALTH
-
- ☐
2. DEPUTY MINISTER OF RECREATION & CONSERVATION
-
- ☐
3. DEPUTY MINISTER OF AGRICULTURE
-
- ☐
4. COMPTROLLER OF WATER RIGHTS
-
- ☐
5. REGIONAL DISTRICT OF
-
- ☐
6. REGIONAL MANAGER/HEAD OFFICE
-
- ☐
7. FEDERAL DEPARTMENT OF ENVIRONMENT
-
- ☐
8. CHIEF ENGINEER, WATER INVESTIGATIONS
-
- ☐
9. DEPUTY MINISTER OF MINES (TAILINGS POND)
-
- ☐
10. DEPUTY MINISTER OF MINES
-
- ☐
11. APPLICANT RE STABILITY TAILINGS POND

DETERMINED BY

DATE CIRCULATED June 8 1979

by CLERK

REFERENCE COPY

[illegible]Page 57 of 210 MOE-2019-95716



JUN 4 1979

POLLUTION CONTROL BRANCH

Pollution Control Branch File No. AE-5594

APPLICATION FOR A PERMIT UNDER THE POLLUTION CONTROL ACT
(Effluent)

THIS APPLICATION is to be filed with the Director of Pollution Control, 1114 Carl Street,
(Street address)

Victoria, British Columbia, V8T 1A4 Any person who qualifies as an objector under
(City/Town) (Postal Code)

section 13 of the *Pollution Control Act* may, within 30 days of the date of application, or within 30 days of the date of publication in *The British Columbia Gazette* or in a newspaper, or where service is required, within 30 days of serving a copy of the application, file with the Director at the above address an objection in writing to the granting of a permit, stating the manner in which he is affected.

PREAMBLE—The purpose of this application is to obtain a permit under the provisions of
Section 5 (2) of the Pollution Control Act involving a discharge (effluent) of
uncontaminated cooling water from the Castlegar Sawmill
to the Columbia River.

1. I/We, Canadian Cellulose Company, Limited
(Full name—if a company, British Columbia registered name)

of 1200 - 1111 West Hastings Street, Vancouver, B.C. V6E 2A2
(Address—if a company, British Columbia registered address)

hereby apply to the Director for permit to discharge effluent from

a sawmill
(Type of operation causing effluent)

located Castlegar, B.C. into
(General location)

Columbia River
(Name of creek, river, lake, bay, inlet, etc.)

which flows West and discharges into
(Direction)

and give notice of my application to all persons affected.

2. The land upon which the works are located is Port Lot 10061, 5050, & 5053
Comox District

(Give legal description)

3. The discharge shall be located at the Canadian Cellulose Company, Limited property,
three miles west of Castlegar, B.C.

(Define relative to some surveyed or commonly known point)

4. The quantity of effluent to be discharged is as follows:

Average daily discharge (based on operating period) 30,000 Imp. Gallons

(litres, gallons, cubic metres)

Maximum daily discharge 57,000 Imp. Gallons

(litres, gallons, cubic metres)

The operating period during which the effluent will be discharged is

Continuous

(Continuous, hours per week, or date to date, etc.)

5. The characteristics of the effluent discharged shall be equivalent to or better than (insert values after completion of column (3) of table (a) on reverse side) (See Reverse)

6. The type of treatment to be applied to the effluent before discharge is as follows:

Nil

This application, dated on May 29, 1979, was posted on the ground in accordance with the Pollution Control Regulations.

Canadian Cellulose Company, Limited

G.C. Dinning

(PRINT name of applicant or agent)

Canadian Cellulose Company, Limited

(Signature of applicant or agent)

ADDITIONAL INFORMATION

In support of the application the following information is submitted:
(a) The characteristics of the effluent before and after treatment are as follows:

| | (1) Before Treatment Average (Annual) | (2) After Treatment Average (Annual) | (3) After Treatment Maximum |
|--|---|--|-----------------------------------|
| Total suspended solids (mg./l.) | 9.8 | | * |
| Total solids (mg./l.) | 4.5 | | * |
| Biochemical oxygen demand (mg./l.) † | 2 | | * |
| pH range | 7.2 - 7.4 | | |
| Temperature range (degrees C) | 5 - 15 | | |
| Faecal coliform bacteria (m.p.m. per 100 ml.) | | | (Log. mean) |

Toxic constituents:

| | | |
|--|-----|-----|
| | () | () |
| | () | () |
| | () | () |
| | () | () |

Other relevant constituents:

| | | |
|--|-----|-----|
| | () | () |
| | () | () |
| | () | () |
| | () | () |

(b) Miscellaneous information:

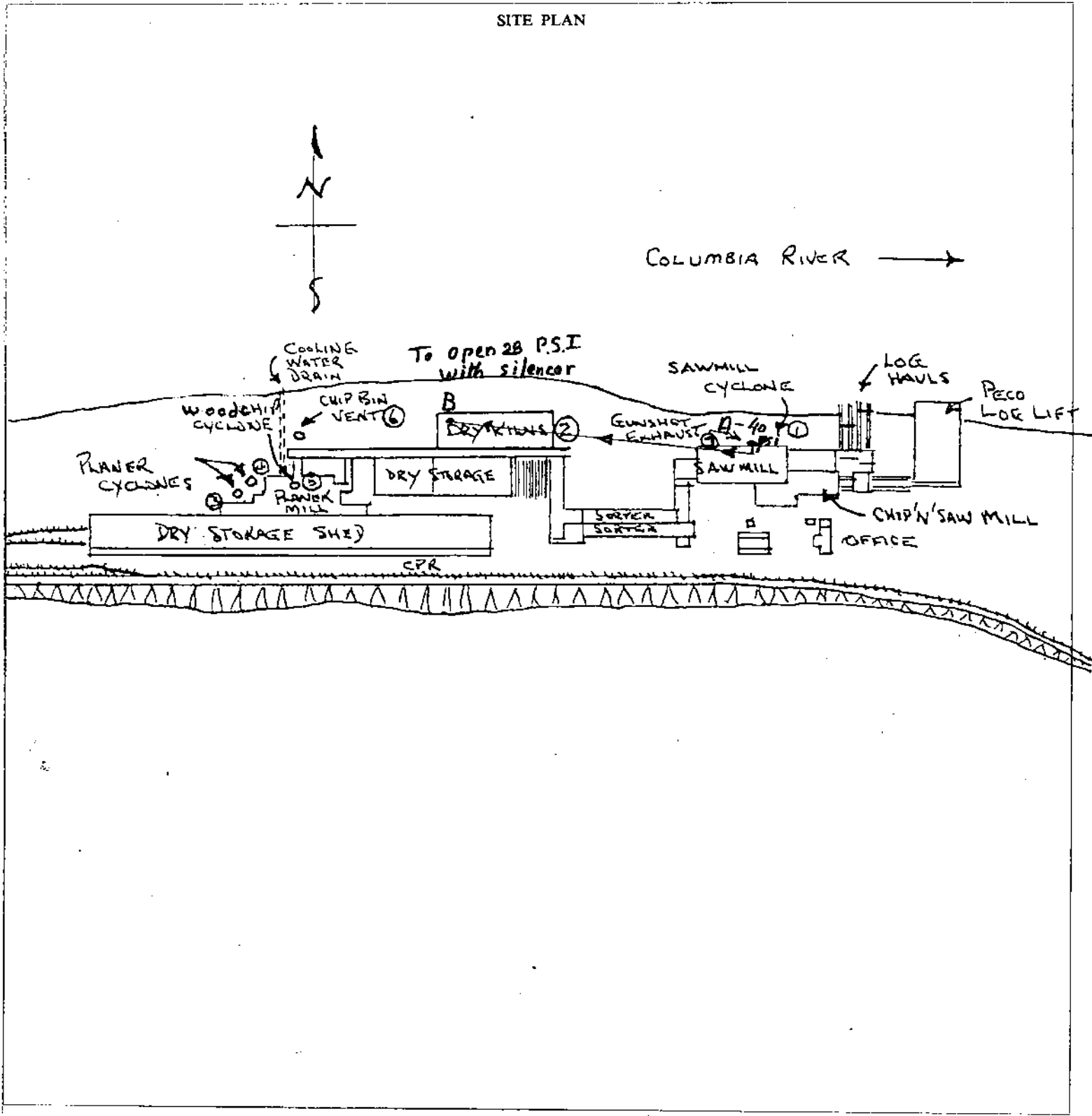
| | |
|---|--|
| This is all water (from the water table) that is used for irrigation. | |
| | |
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| | |
| | |

* These values pertain to a composite sample collected over any operating day during the year.
† Five day 20°C (BOD).

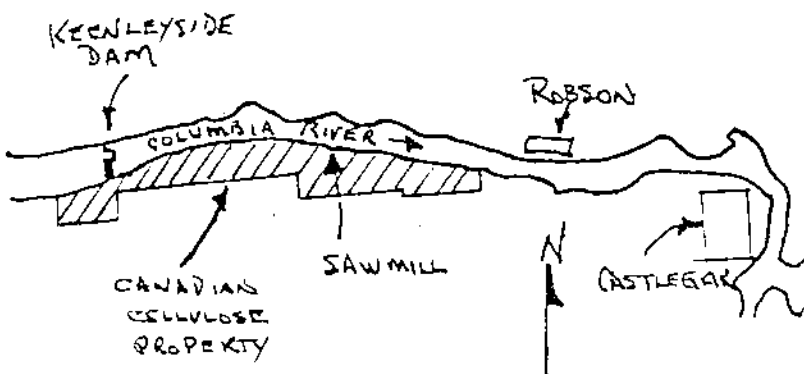


POLLUTION CONTROL BRANCH

SITE PLAN



LOCATION MAP
LOCATION MAP



CANADIAN CELLULOSE COMPANY LIMITED
(Name of applicant(s))

MAY 29 1979
(Date)

(Signature of applicant(s) or agent)

(FOR OFFICE USE ONLY)

(Date issued)

(Director of Pollution Control)

Appendix to Permit No.

DEPARTMENT OF ENVIRONMENT
WATER RESOURCES

JUN 4 1979

POLLUTION CONTROL BRANCH

sent to (name)
intermediate

to (name)
intermediate

RECEIVED (name)

DATE

(name)

(faint, mostly illegible text)

(faint, mostly illegible text)



JUN 4 1979

POLLUTION CONTROL BRANCH

Pollution Control Branch File No. AE-5594

APPLICATION FOR A PERMIT UNDER THE POLLUTION CONTROL ACT
(Effluent)

THIS APPLICATION is to be filed with the Director of Pollution Control, 1106 Cook Street
(Street address)

Victoria (City/Town), British Columbia, V8V 1Y4 (Postal Code). Any person who qualifies as an objector under

section 13 of the *Pollution Control Act* may, within 30 days of the date of application, or within 30 days of the date of publication in *The British Columbia Gazette* or in a newspaper, or where service is required, within 30 days of serving a copy of the application, file with the Director at the above address an objection in writing to the granting of a permit, stating the manner in which he is affected.

Dym
Twenty
PREAMBLE—The purpose of this application is to obtain a permit under the provisions of
Section 5 (2) of the Pollution Control Act involving a discharge (effluent) of
uncontaminated cooling water from the Castlegar Sawmill to
the Columbia River.

1. I/We, Canadian Cellulose Company, Limited
(Full name—if a company, British Columbia registered name)

of 1200 - 1111 West Hastings Street, Vancouver, B.C. V6E 2K2
(Address—if a company, British Columbia registered address)

hereby apply to the Director for permit to discharge effluent from

a sawmill
(Type of operation causing effluent)

located Castlegar, B.C. into
(General location)

Columbia River
(Name of creek, river, lake, bay, inlet, etc.)

which flows East and discharges into
(Direction)

and give notice of my application to all persons affected.

2. The land upon which the works are located is Lot Nos. 13951, 5636, & 5953

Kootenay District

(Give legal description)

3. The discharge shall be located at the Canadian Cellulose Company, Limited property,

three miles west of Castlegar, B.C.
(Define relative to some surveyed or commonly known point)

4. The quantity of effluent to be discharged is as follows:

Average daily discharge (based on operating period) 30,000 Imp. Gallons

(litres, gallons, cubic metres)

Maximum daily discharge 57,600 Imp. Gallons

(litres, gallons, cubic metres)

The operating period during which the effluent will be discharged is

Continuous

(Continuous, hours per week, or date to date, etc.)

5. The characteristics of the effluent discharged shall be equivalent to or better than (insert values after completion of column (3) of table (a) on reverse side) (See reverse)

6. The type of treatment to be applied to the effluent before discharge is as follows:

Nil

This application, dated on May 29, 19 79, was posted on the ground in accordance with the Pollution Control Regulations.

Canadian Cellulose Company, Limited

(PRINT name of applicant or agent)

Canadian Cellulose Company, Limited

(Signature of applicant or agent)

ADDITIONAL INFORMATION

In support of the application the following information is submitted:

(a) The characteristics of the effluent before and after treatment are as follows:

| | (1) Before Treatment Average (Annual) | (2) After Treatment Average (Annual) | (3) After Treatment Maximum |
|--|---|--|-----------------------------------|
| Total suspended solids (mg./l.) | 13 | | * |
| Total solids (mg./l.) | 65 | | * |
| Biochemical oxygen demand (mg./l.) † | 2 | | * |
| pH range | 7.2 - 7.8 | | |
| Temperature range (degrees C) | 5 - 15 degrees | | |
| Faecal coliform bacteria (m.p.u. per 100 ml.) | | | (Log. mean) |

Toxic constituents:

| | |
|------|-----|
| mg/l | () |
| | () |
| | () |
| | () |

Other relevant constituents:

| | |
|-------|-----|
| Units | () |
| | () |
| | () |
| | () |

(b) Miscellaneous information:

This is mill water (from the Arrow Lake) used for used only for cooling purposes.

* These values pertain to a composite sample collected over any operating day during the year.
† Five day 20°C (BOD).



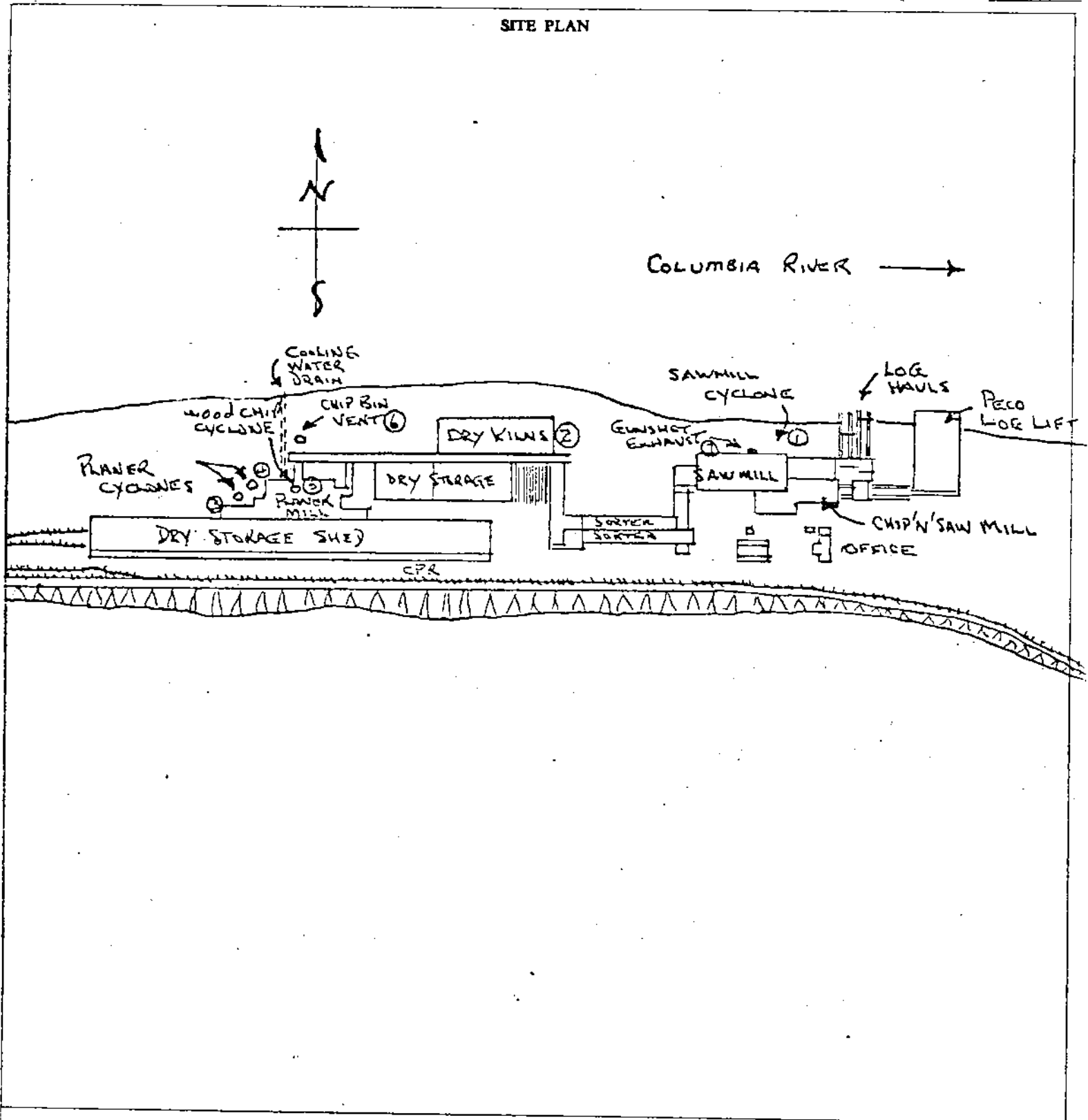
Province of
British Columbia

Ministry of the
Environment

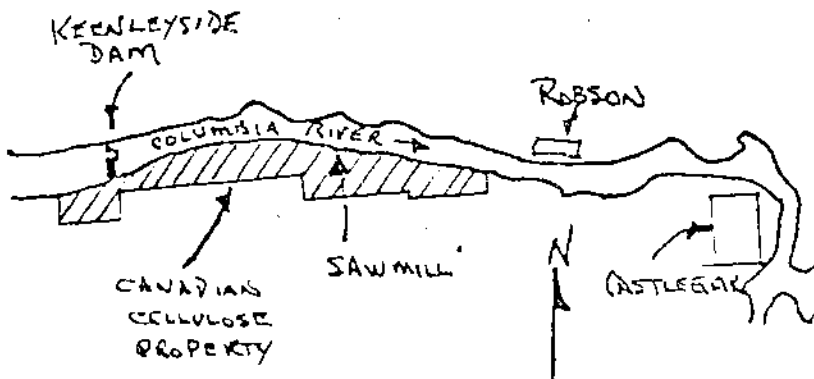
DEPARTMENT OF ENVIRONMENT
WATER RESOURCES
JUN 4 1979
POLLUTION CONTROL BRANCH

POLLUTION CONTROL BRANCH

SITE PLAN



LOCATION MAP
LOCATION MAP



CANADIAN CELLULOSE COMPANY LIMITED
(Name of applicant(s))

May 29, 1979
(Date)

(Signature of applicant(s) or agent)

(FOR OFFICE USE ONLY)

(Date issued)

(Director of Pollution Control)

Appendix to Permit No.



Canadian Cellulose Company, Limited

Corporate Office

1200-1111 West Hastings Street
Vancouver, B.C., Canada V6E 2K2
Telephone: (604) 685-2452
Telex: 04 53277 TWX: 610 922 6448/9

DEPARTMENT OF ENVIRONMENT
WATER RESOURCES

JUN 4 1979

A55594
POLLUTION CONTROL BRANCH

DOUBLE REGISTERED

Ministry of the Environment
Pollution Control Branch
1106 Cook Street
Victoria, B.C.
V8V 1X4

May 30, 1979

File: ILO 35.1

Attention: Mr. W.N. Venables
Director

Dear Sir,

Enclosed are two signed copies of an application for a Pollution Control Permit to discharge effluent into the Columbia River from a sawmill at Castlegar, B.C.

The discharge covered by this application is cooling water from the side edge chipper, an air compressor and two dynamatic drives, all located in the planermill. This discharge has been in existence for many years. This application is made following the request by the Regional Office of the Pollution Control Branch at Nelson, B.C.

The indicated total solids of 65 mg/liter is based on a spot test conducted on a single effluent sample. Normal background level for mill water is 50 mg/liter of total solids. This test result is somewhat higher than normal due either to a slight pickup of solids through the equipment, or a somewhat higher background level due to spring run-off, or both.

Yours truly,

| DISTRIBUTION | DATE | INITIALS |
|--------------|------|----------|
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

L.R. Galloway

L.R. Galloway, P.Eng.



MINISTRY OF ENVIRONMENT
WASTE MANAGEMENT BRANCH

APPENDIX 01

to Permit No. PE-5594
(Effluent)

- (a) The discharge of effluent to which this appendix is applicable is from a standby water cooled air compressor
(Source of discharge)
as shown on the attached Appendix A-1
- (b) The maximum rate at which effluent may be discharged is an average of 140 m³/d for a maximum period of one week per year
- (c) The characteristics of the effluent shall be equivalent to or better than uncontaminated mill process cooling water with a maximum discharge temperature not exceeding 35°C
- (d) The works authorized are discharge piping, oil separation equipment and related appurtenances
approximately located as shown on the attached Appendix A-1
- (e) The location of the facilities from which the effluent originates and to which this appendix is appurtenant is D.L. 13981, 5636 and 5953, Kootenay District
(Legal description)
- (f) The location of the point of discharge and to which this appendix is appurtenant is D.L. 13981, 5636 and 5953, Kootenay District
(Legal description)
- (g) The works authorized must be complete and in operation on and from the date of this Appendix

Date issued February 5, 1980
Date amended FEB 18 1985, 19
19
19

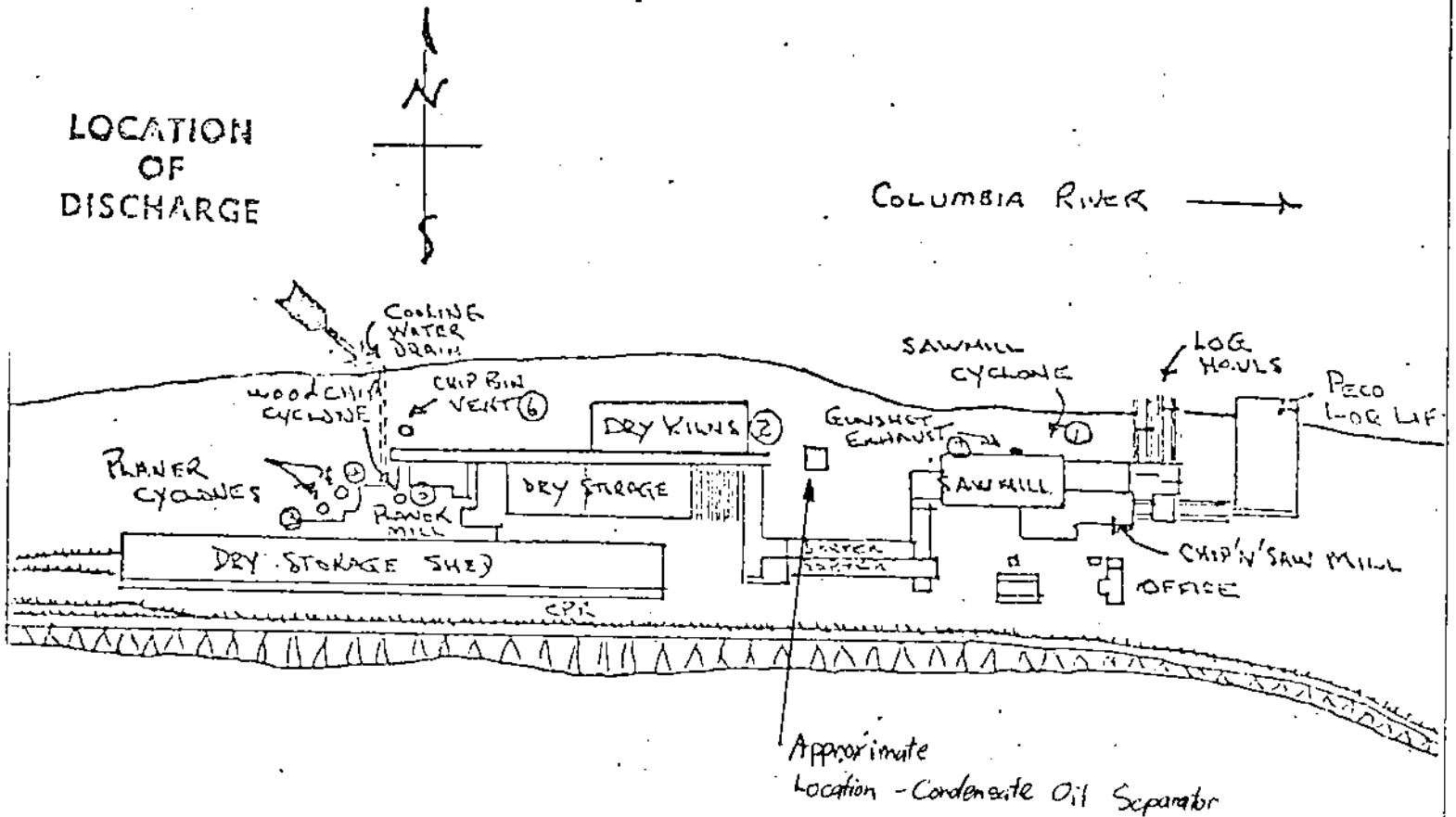
Regional Waste Manager



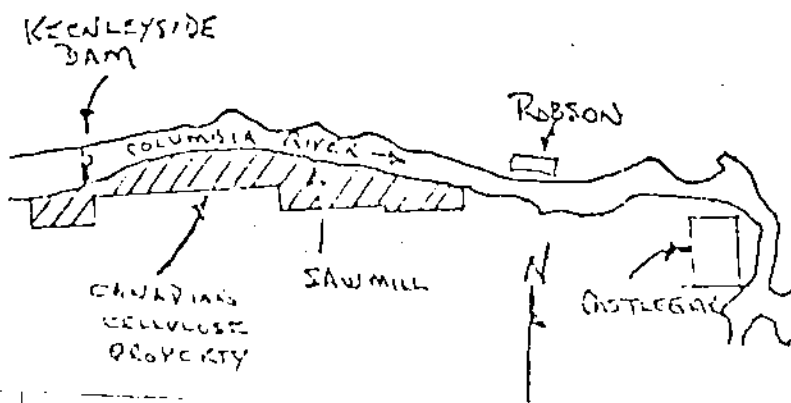
SITE PLAN

LOCATION
OF
DISCHARGE

COLUMBIA RIVER →



LOCATION MAP



WESTAR TIMBER LTD.

(Name of applicant(s))

(Date)

(Signature of applicant(s) or agent)

FEB 18 1985

Date Issued

(FOR OFFICE USE ONLY)

M. Baillargeon
Regional Waste Manager

Date Amended

Appendix..... A-1..... to Permit No..... PE-5594

Approval No.....



MINISTRY OF ENVIRONMENT
WASTE MANAGEMENT BRANCH

APPENDIX

B-1

to Permit No. PA-5594

1. MAINTENANCE OF WORKS

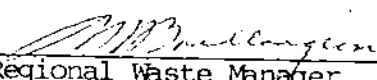
The Permittee shall inspect the pollution control works regularly and maintain them in good working order. Notify the Regional Waste Manager of any malfunction of these works.

2. EMERGENCY PROCEDURES

In the event of an emergency or condition beyond the control of the Permittee which prevents continuing operation of the approved method of pollution control, the Permittee shall immediately notify the Regional Waste Manager and take appropriate remedial action.

3. REPORTING

For each period of effluent discharge the permittee shall record the duration of effluent discharge and estimate the volume of daily volume.


Regional Waste Manager

Date Issued FEB 18 1985 19
Date Amended _____ 19
_____ 19

REGISTERED ADDRESS:

Canada Cellulose Company, Limited
1200 - 1111 West Hastings Street
Vancouver, British Columbia
V6E 2K2

| | Init. | Date |
|-------------------------|---------|---------|
| STENO (for typing) | LA RA | 16/1/80 |
| PROCESSING ENGINEER | DYM DYM | 16/80 |
| SECTION HEAD | MK | |
| DIVISIONS CHIEF | FPH | 22-1-80 |
| SUPERVISING STENO | MN MN | 23.1.80 |
| EXPEDITOR | IP | 24.1.80 |
| DIRECTOR | HK | 4.2.80 |
| STENO (Dating/Xeroxing) | LA RA | 5/2/80 |
| SUPERVISING STENO | MN RA | 5/2/80 |
| EXPEDITOR | BB | 5/2/80 |
| STENO (Mailing) | LA RA | 5/2/80 |
| CENTRAL REGISTRY | MN | |

PERMIT & L.O.T.:

| | |
|--------------------------|-----|
| Health (3) | 1 |
| Fish & Wildlife (4) | 1 |
| Regional Manager | 1 |
| Kootenay Section Head | 1 |
| Processing Engineer | YES |
| Envir. Canada | YES |
| Agent | NO |

PERMITTEE

| | |
|-------------------|----|
| Bordered copy to | |
| legal address | 1 |
| Plain x'd copy to | |
| mailing address | NO |

PERMIT ONLY:

| | |
|------------|---|
| Black Book | 1 |
| File Copy | 1 |

NOTIFICATION ONLY:

| | |
|------------------|-----|
| Water Rights (4) | YES |
| Agriculture | YES |
| Mines | NO |
| Objectors | NO |

OBJECTORS:

| | |
|-----|-----|
| (1) | (3) |
| | |
| | |
| | |
| (2) | (4) |
| | |
| | |
| | |

AGENT'S ADDRESS:

MAILING ADDRESS:

SUPERSEDED

0262100-PE-5594

FEB 5 1980

DOUBLE REGISTERED

Canadian Cellulose Company, Limited
1200 - 1111 West Hastings Street
Vancouver, British Columbia
V6E 2K2

Gentlemen:

LETTER OF TRANSMITTAL

Enclosed is a copy of Pollution Control Permit No. PE-5594 in the name of Canadian Cellulose Company, Limited. Your attention is respectfully directed to the terms and conditions outlined in the Permit.

In conjunction with this Permit, you are directed to comply with the following requirements:

A. PROGRAM OF IMPROVEMENTS

| <u>Date</u> | <u>Improvement</u> |
|-----------------------------------|---|
| On or before December 31, 1981 | 1. Install a dry conveying system to convey the bark from the sawmill to the pulp mill. 2. Cease direct discharge of dryer condensate and hydraulic barker effluent to the Columbia River. |

B. SAMPLING AND MONITORING

For each period of effluent discharge measure and record the following:

1. duration of effluent discharge
2. temperature of effluent
3. the average daily volume

C. MAINTENANCE OF WORKS

Inspect regularly the pollution control works and maintain them in good working order. Notify the Director of any malfunction of these works.

...2

SUPERSEDED

0262100-PE-5594

Canadian Cellulose Company, Limited

FEB 5 1980

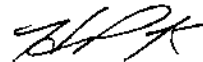
You will note that values have been expressed in the International System of Units (SI). These units are to be used in submitting monitoring results and any other information in connection with this Permit.

The administration of this Permit will be carried out by staff from our Regional Office located at 310 Ward Street, Nelson, British Columbia, V1L 5B4 (telephone 352-2211). Plans, data and reports pertinent to the Permit are to be submitted to the Director through the Regional Manager at this address.

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 shall rest with the Permittee.

This Letter of Transmittal is an Order under the Pollution Control Act.

Yours very truly,



H. P. Klassen, P. Eng.
Assistant Director of Pollution Control

Encl.

DYM/1a

cc: Health
Fish & Wildlife
R.M., Kootenay
Envir. Canada

| APPROVED | | |
|-----------|--------------------|------------|
| PROCESS | INITIAL | DATE |
| ENGINEER | <i>Dym</i> | Jan. 16/80 |
| SEC HEAD | <i>[Signature]</i> | 22-1 |
| DIV CHIEF | <i>[Signature]</i> | |



FCI
SUPERSEDED

MINISTRY OF THE ENVIRONMENT
POLLUTION CONTROL BRANCH

PERMIT

Under the Provisions of the Pollution Control Act, ~~YUKA~~

..... Canadian Cellulose Company, Limited

..... 1200 - 1111 West Hastings Street, Vancouver, British Columbia, V6E 2K2

is hereby authorized to discharge effluent

from a sawmill-planermill complex

located at Castlegar, British Columbia

to the Columbia River

This permit has been issued under the terms and conditions prescribed in the attached appendices

..... 01 and A

.....

..... 

Assistant Director of Pollution Control

Date issued FEB 5 1980, 19.....

Amendments dated, 19.....

....., 19.....

....., 19.....

Permit No. PE-5594.....



SUPERSEDED

MINISTRY OF ENVIRONMENT
POLLUTION CONTROL BRANCH

APPENDIX No. 01

to Pollution Control Permit No. PE-5594

- (a) The discharge of effluent applicable to this appendix is compressor cooling water

(Source of operation)

_____ as shown on attached Appendix A
- (b) The quantity of effluent which may be discharged is an average of 140 m³/d for a maximum period of one week/year.
- (c) The characteristics of the effluent shall be equivalent to or better than uncontaminated mill water with a maximum discharge temperature not exceeding 35°C.
- (d) The works authorized are discharge piping and related appurtenances

_____ approximately as shown on the attached Appendix A
- (e) The land from which the effluent originates and to which this appendix is appurtenant is D.L. 13981, 5636 and 5953, Kootenay District.
- (f) Those works authorized and proposed must be completed and in operation on and from the date of this Appendix.

Date issued FEB 5 1980, 19____

Date amended _____, 19____

_____, 19____

Assistant Director of Pollution Control

MAIL POSTE

Canada Post Corporation / Société canadienne des postes

AR

CN 07 (old C 5)

MAIL POSTE

Canada Post Corporation / Société canadienne des postes

Lettermail Poste-lettres

3130932
CPC/SCP

| | | | |
|--|---------------------|--|------|
| To be completed by Outlet of Origin | | À remplir par la succursale d'origine | |
| Office of Posting | Succursale de dépôt | Date YA | M DJ |
| Item Identifier No | | N° d'envoi | |

To be completed by
Sender. Please print
clearly or affix label
over address area.

À être complété par
l'expéditeur. En lettres
moulées S.V.P. ou app
une étiquette pré-adre

RETURN TO:

RETOURNER À:

MINISTRY OF ENVIRONMENT

RECEIVED

MAR 17 1998

NELSON, B.C.

76075683174

(Name/Adresse) (Nom/Adresse)

Pope & Talbot Ltd.
2100-1075 West Georgia St.
Vancouver BC V6E

RETURN TO: RETOURNER À:

MINISTRY OF ENVIRONMENT; LANDS & PARKS

POLLUTION PREVENTION

401-333 VICTORIA STREET

NELSON, BC V1L 4K3 PE-05594

Province

Acknowledgement of Receipt Avis de réception

To be completed by Sender

À être complété par l'expéditeur

Name of addressee

Nom du destinataire

St and No., Apt. No, PO Box or RR No

N° et rue, n° d'app., n° de CP ou de RR

City

Ville

Province

Postal Code Code postal

Country

Pays

To be completed at destination

Compléter à destination

Date Stamp of
Office of Delivery

Timbre à date du
bureau de destination

As a matter of priority this advice must be signed by the addressee or, if this is not possible, by another person authorized to do so under the regulations of the country of destination, or if these regulations so provide, by the official of the office of destination and returned by the first mail direct to the sender.

Cet avis doit être signé en priorité par le destinataire et, si cela n'est pas possible, par une autre personne autorisée en vertu des règlements du pays de destination, ou, si ces règlements le prévoient, par l'agent du bureau de destination et retourné par le premier courrier directement à l'expéditeur.

This item was
delivered on:

Cet item a
été livré le :

Date
Y M D J
9 8 03 11

Printed Name of Addressee

Nom du destinataire en lettres moldées

Signature of Official
at Office of Delivery

Signature de l'agent du
bureau de destination

CS

Signature of Addressee
or Authorized Representative

Signature du destinataire
ou de son représentant

8 204 All

33-086-230 (97-02)



MAR 06 1998

File: PE-05594

REGISTERED MAIL

Pope & Talbot Ltd.
2100 - 1075 West Georgia Street
VANCOUVER BC V6E 3G2

Dear Permittee:

Enclosed is Permit PE-05594 issued under the provisions of the Waste Management Act. Your attention is respectfully directed to the conditions outlined in the permit. An annual permit fee will be determined according to the Waste Management 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. It is also the responsibility of the permittee to ensure that all activities conducted under this permit are carried out with due regard to the right of the third parties and comply with other applicable legislation that may be in force.

This decision may be appealed to the Environmental Appeal Board. Notice of the appeal must (1) be in writing, (2) include the grounds for appeal, (3) be directed by registered mail or personally delivered to the Chair, Environmental Appeal Board, 4th Floor, 836 Yates Street, Victoria, British Columbia, V8V 1X4, (4) be delivered within 30 days from the date notice of the decision is given, and (5) be accompanied by a fee of \$25, payable to the Minister of Finance and Corporate Relations.

For further information on the appeal process, please phone the Environmental Appeal Board at (250) 387-3464.

Administration of this permit will be carried out by staff from our Regional Office located at #401-333 Victoria Street, Nelson, British Columbia, V1L 4K3, (telephone: (250) 354-6355). Plans, data and reports pertinent to the permit are to be submitted to the Regional Waste Manager at Nelson, British Columbia.

Yours truly,

Carl Johnson, P.Eng.
Assistant Regional Waste Manager
Kootenay Region
TK/CJ/lkf

ENCLOSURE

cc: Pope & Talbot Ltd., Box 2000, Castlegar BC V1N 4G4

Ministry of
Environment,
Lands and Parks

Environment and Lands
Kootenay Region

Mailing/Location Address:
401 - 333 Victoria Street
Nelson BC V1L 4K3

Telephone: (250) 354-6333
Facsimile: (250) 354-6332
PP Facsimile: (250) 354-6367



MINISTRY OF ENVIRONMENT,
LANDS AND PARKS

**PERMIT
PE-05594**

Under the Provisions of the Waste Management Act

**POPE & TALBOT LTD.
2100 - 1075 WEST GEORGIA STREET
VANCOUVER, BRITISH COLUMBIA
V6E 3G2**

is authorized to discharge effluent to the COLUMBIA RIVER from a SAWMILL/PLANERMILL COMPLEX located in CASTLEGAR, British Columbia, subject to the conditions listed below. Contravention of any of these conditions is a violation of the Waste Management Act and may result in prosecution.

This permit supersedes and amends all previous versions of Permit **PE-05594**, issued under Part 2 Section 10 of the Waste Management Act.

1. AUTHORIZED DISCHARGES

1.1. This subsection applies to the discharge of effluent from a **STORM WATER RUNOFF SYSTEM**. The site reference number for this discharge is E230540.

1.1.1. The maximum authorized rate of discharge is undetermined.

1.1.2. The characteristics of the discharge shall not exceed:

Typical storm water runoff.

1.1.3. The authorized works must be complete and in operation when discharge commences.

Date Issued: February 5, 1980
Date Amended:
(most recent) MAR 08 1998
Page: 1 of 3

A handwritten signature in cursive script, reading "Carl Johnson".

Carl Johnson, P. Eng.
Assistant Regional Waste Manager

PERMIT: PE-05594

- 1.1.4. The authorized works are a storm water drain with a catch basin and culvert, 6 storm sewer discharges from the mill yard, 2 oil separators and related appurtenances approximately located as shown on attached Site Plan A.
- 1.1.5. The location of the facilities from which the discharge originates and the location of the point of discharge is Lot 1, Plan 17216, District Lot 4268, Land District 26, Kootenay District, PID 005-881-579, District Lots 5636, 5953, 7373 and 13028.
- 1.2. This subsection applies to the discharge of effluent from **5 DRY KILNS**. The site reference number for this discharge is E230541.
- 1.2.1. The maximum authorized rate of discharge is undetermined.
- 1.2.2. The characteristics of the discharge shall not exceed:
- Typical lumber dry kiln effluent.
- 1.2.3. The authorized works must be complete and in operation when discharge commences.
- 1.2.4. The authorized works are a kiln condensate rock drain, and related appurtenances approximately located as shown on attached Site Plan A.
- 1.2.5. The location of the facilities from which the discharge originates and the location of the point of discharge is Lot 1, Plan 17216, District Lot 4268, Land District 26, Kootenay district, PID 005-881-579, District Lots 5636, 5953, 7373 and 13028.

2. GENERAL REQUIREMENTS

2.1. Maintenance of Works and Emergency Procedures

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 approved method of pollution control, the permittee shall immediately take appropriate remedial action and shall notify the Regional Waste Manager or an Officer designated by the Regional Waste Manager.

2.2. Bypasses

The permittee shall ensure that no waste is discharged without being processed through the authorized works unless prior written approval is received from the Regional Waste Manager.

2.3. Process Modifications

The permittee shall have prior written approval from the Regional Waste Manager, prior to implementing changes to the authorized works or to any process that may affect the quality and/or quantity of the discharge.

2.4. Suspension

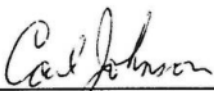
The permittee shall ensure that no discharge occurs from or in respect of the works authorized by this permit during any period of suspension under the Waste Management Act.

3. MONITORING AND REPORTING REQUIREMENTS

3.1. Discharge Monitoring

Visual monitoring of the discharges authorized by Sections 1.1. and 1.2. of the permit will be carried out by the Pollution Prevention Program staff as part of an ambient monitoring program for the entire mill operation. Based on these monitoring results, the permittee may be required to undertake source monitoring.

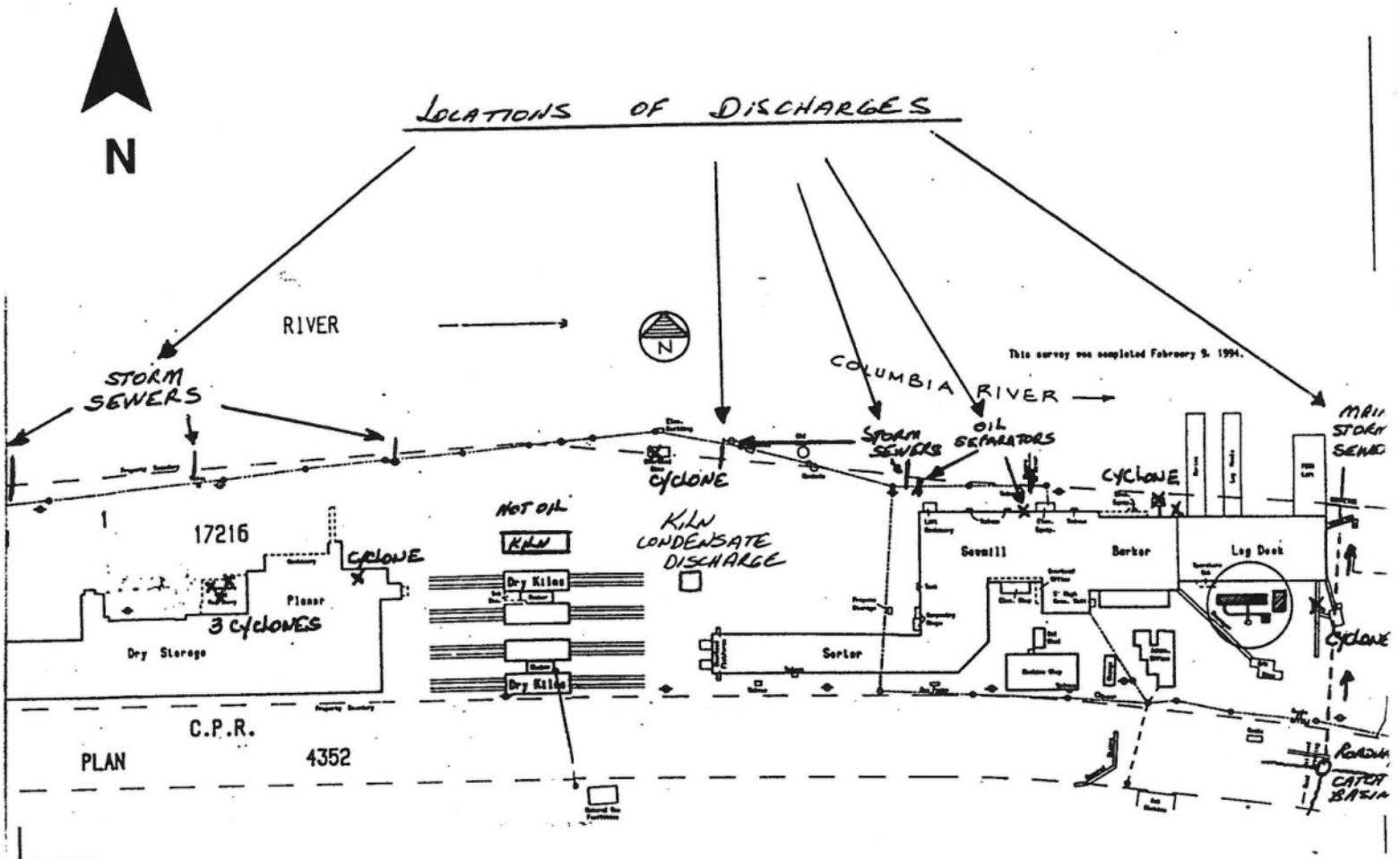
Date Issued: February 5, 1980
Date Amended:
(most recent) MAR 06 1998
Page: 3 of 3



Carl Johnson, P. Eng.
Assistant Regional Waste Manager

PERMIT: PE-05594

Site Plan A



LEGAL DESCRIPTION: Lot 1, Plan 17216, District Lot 4268, Land District 26, Kootenay District, PID 005-881-579, District Lots 5636, 5953, 7373 and 13028

Permit: PE-05594

Date Issued: February 5, 1980

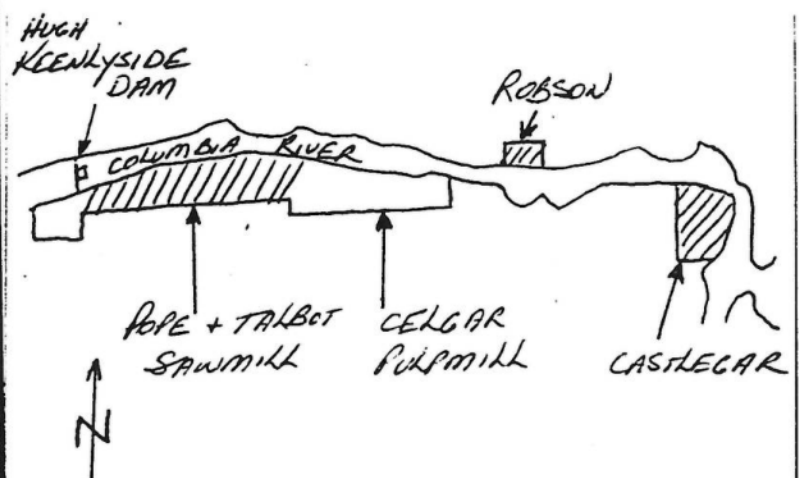
Date Amended: **MAR 06 1998**
(most recent)

Assistant Regional Waste Manager:

Carl Johnson
Carl Johnson, P.Eng.

Name of Applicant: Pope & Talbot Ltd.

LOCATION MAP



MINISTRY OF ENVIRONMENT, LANDS AND PARKS

Pollution Prevention

Date: January 30, 1998

File: PE-5594

From: Pope & Talbot

By: T. Kinrade

TECHNICAL REPORT (Minor)

LEGAL NAME(S): Pope & Talbot

LOCAL ADDRESS(S): Box 2000
Castlegar, BC
V1N 4G4

APPLICATION: Minor amendment

DATED: 01/07/92

OPERATION:

SAWMILL/PLANERMILL

GEOGRAPHIC LOCATION: CASTLEGAR

PRODUCTION CAPACITY: 600 MFBM/DAY

SIC CODE: 2512

1. ADMINISTRATIVE ASPECTS

| | |
|-----------------------------------|---------------------|
| Administrative Requirement | Not Required |
| Publishing Requirement: | Not Required |
| Security Deposit | Not Required |
| Circulation to Agencies: | Not Required |

2. APPLICATION REQUEST

The applicant is requesting authorization to change the name of the Permittee from Westar to Pope & Talbot Ltd. Along with the name change, the cooling water discharge is to be deleted and storm water discharges are to be added.

①
②

3. HISTORY

In 1992 Westar Timber in Castlegar sold the mill to Pope & Talbot so an application was submitted for a name change. A low priority was placed on permit name changes at that time so 2 years went by before the application was reviewed for accuracy and it was found that a number of changes had been made to the works which had to be incorporated into the new permit. Another application was sent in at this time to reflect the changes. This too was given a low priority since there were no major discharges that had to be added, only minor changes to the site plan.

4. TECHNICAL ASPECTS

| <u>prev.</u> | <u>current.</u> |
|---------------|--------------------|
| Cooling water | - |
| | - Kiln Condensate |
| | - Storm sewers |
| | - 2 Oil separators |

4.1. SOURCE OF DISCHARGE

There are four main areas that are to be covered under this permit. Originally all that was authorized was a cooling water discharge from a water cooled back-up compressor. Now, the discharges include a kiln condensate discharge rock pit, 6 storm sewers, a main runoff discharge and 2 oil separators.

4.2. TREATMENT OF DISCHARGE

No treatment of the discharges is taking place except the oil separators on 2 storm water discharges from the mill area.

4.3. PUBLIC OR AGENCY CONCERNS

None solicited.

4.4. SITE INSPECTION REPORT

The site was inspected with Bob Brown in 1994 when the latest application was submitted and in July of 1997 for an update as to the changes that had occurred when the mill site was revamped and the newest kiln was installed. During the site inspection, all the outfalls and storm sewers were mapped and are included in the revised site plan.

4.5. COMPLIANCE STATUS AND ENVIRONMENTAL IMPACT

The following is an assessment of the environmental impact rating of the proposed discharge:

| Criteria | Rating Factors | Rating |
|---|---|------------|
| Quantity of Discharge | Effluent Discharge ≤ 500 m ³ /d and ≥ 50 m ³ /d | 0.5 |
| Quality of Receiving Environment in Relation to Ministry Ambient Objectives | Water Quality Objectives attained with more than a 20% safety factor | 0.0 |
| Dilution Capability and Sensitivity of Receiving Environment | Initial Dilution $\geq 2000:1$ | 0.0 |
| Actual or Intended Uses of Receiving Environment | Used as a Drinking Water Source > 10000 m downstream | 0.0 |
| Public/Agency Sensitivity | High Sensitivity | 3.0 |
| Potential and Actual Human Safety and Health | Not Applicable | 0.0 |
| | Total | 3.5 |

4.6. RECEIVING ENVIRONMENT

The Columbia River and the area under the kilns are the only affected areas at the present time.

4.7. PROPOSED MONITORING

Visual monitoring of the different discharges may be sufficient.

4.8. COMPLIANCE WITH POLICY OR OBJECTIVES

N/A

4.9. ASSESSMENT

The storm sewer configuration has changed since the different areas of the mill were paved and Celgar expanded the pulpmill in 1993. The main sewer takes water from the sawmill access road and the upper highway to the dam. This runoff is collected in the catch basin on C.P.R. property near the southeast corner of P & T's property line. The runoff then is culverted underground to the Columbia River where it discharges directly to the river bank.

The yard runoff near the planer and dry storage areas is free of oil or other contamination and discharges directly into the Columbia River. The storm sewers near the mill catch all runoff from the main working area that house the machinery using large quantities of oil. These sewers have 2 oil separators which collect any oil that is discharged to the River along with rain and wash water. Hydraulic oil used in the mill is now vegetable based and collection systems are in place to prevent as much oil as possible from being lost. This is an economic as well as an environmental benefit.

Once the company decides on the long term method of hog fuel disposal, an in-depth inspection of the kiln discharge system will be undertaken.

4.10. FEES

According to the current *Waste Management Fees Regulation*, the annual permit fee will be based on: Typical storm water discharges which have no limited amount and can only be charged as an administration fee of \$100.

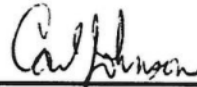
5. RECOMMENDATIONS

It is recommended that, pursuant to Section 13 of the Waste Management Act, the Regional Waste Manager amend Permit PE-5594 to include a new site plan, new owner and legal address. Also to be included are 7 storm water discharges, 2 oil separators and a kiln condensate discharge. The cooling water discharge from the air compressor is to be deleted.



Terri Kinrade

Industrial Environmental Protection
Officer
Kootenay Region



I agree with these recommendations
Carl Johnson, P. Eng.
Industrial Environmental Protection
Officer
Kootenay Region

Date: Thursday, March 05, 1998 # of pages (including this sheet) 1

To: Bob Brown Fax # 365-4401
Bill Kazakoff 442-2710

Office: Pope & Talbot Ltd. Phone # 365-4425

From: Terri Kinrade Phone # (250) 354-6393
Kootenay Region - Region 4 Fax # (250) 354-6367

Re: Kiln Condensate Discharge

SPECIAL INSTRUCTIONS:

After reviewing the effluent streams specified in Permit PE-5594 it was found that the kiln condensate has been discharging to the ground without treatment. This practice cannot continue due to the toxicity of the material and the potential of groundwater contamination. Once the new incinerator and dry kiln system has been installed, condensate must be treated on site or discharged to the effluent treatment system at Celgar.

Please contact Carl or myself if you have any questions or require assistance in dealing with this problem.

Thanks

URGENT: No

CONFIDENTIAL: No

ORIG. IN MAIL: No

Material contained in this fax transmission may be confidential, and should only be delivered to the addressee. If you do not receive all pages, please call 582-5200.

FAKED
1/12 5/98



Province of
British Columbia

Ministry of
Environment

Waste Management Branch
Kootenay Region
310 Ward Street
Nelson, B.C.
V1L 5S4
Phone: 352-2211
Local 273, 305, or 339

YOUR FILE
OUR FILE **PE-5594**

FEB 18 1985

REGISTERED MAIL

Westar Timber Ltd.
1176 West Georgia Street,
Vancouver, British Columbia
V6E 4B7

Gentlemen:

LETTER OF TRANSMITTAL


Enclosed is a copy of amended Permit No. PE-5594 issued under the provisions of the Waste Management Act in the name of Westar Timber Ltd. Your attention is respectfully directed to the terms and conditions outlined in the Permit.

The administration of this Permit will be carried out by staff from our Regional Office located at 310 Ward Street, Nelson, British Columbia, V1L 5S4 (telephone 352-2211). Plans, data and reports pertinent to the Permit are to be submitted to the Regional Waste Manager at this address.

You will note that values have been expressed in the International Systems of Units (SI). These units are to be used in submitting monitoring results and any other information in connection with this Permit.

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 shall rest with the Permittee.

Yours very truly,


M.K. Baillargeon, P. Eng.
Regional Waste Manager

Enclosure



MINISTRY OF ENVIRONMENT

PERMIT

Under the Provisions of the Waste Management Act

Westar Timber Ltd.

1176 West Georgia Street, Vancouver, British Columbia V6E 4B7

is hereby authorized to discharge effluents
from a sawmill
located at Castlegar, British Columbia
to the Columbia River

This permit has been issued under the terms and conditions prescribed in the attached appendices
01, A-1, and B-1

M. Baillargeon
Regional Waste Manager

Date issued February 5, 19 80
Amendments dated FEB 18 1985, 19
....., 19
....., 19

Permit No. PE-5594



MINISTRY OF ENVIRONMENT
WASTE MANAGEMENT BRANCH

APPENDIX 01

to Permit No. PE-5594
(Effluent)

- (a) The discharge of effluent to which this appendix is applicable is from a standby water cooled air compressor
(Source of discharge)
as shown on the attached Appendix A-1
- (b) The maximum rate at which effluent may be discharged is an average of 140 m³/d for a maximum period of one week per year
- (c) The characteristics of the effluent shall be equivalent to or better than uncontaminated mill process cooling water with a maximum discharge temperature not exceeding 35°C
- (d) The works authorized are discharge piping, oil separation equipment and related appurtenances
approximately located as shown on the attached Appendix A-1
- (e) The location of the facilities from which the effluent originates and to which this appendix is appurtenant is D.L. 13981, 5636 and 5953, Kootenay District
(Legal description)
- (f) The location of the point of discharge and to which this appendix is appurtenant is D.L. 13981, 5636 and 5953, Kootenay District
(Legal description)
- (g) The works authorized must be complete and in operation on and from the date of this Appendix

Date issued February 5, 1980
Date amended FEB 18 1985, 19
_____, 19
_____, 19

M. Baillargeon
Regional Waste Manager

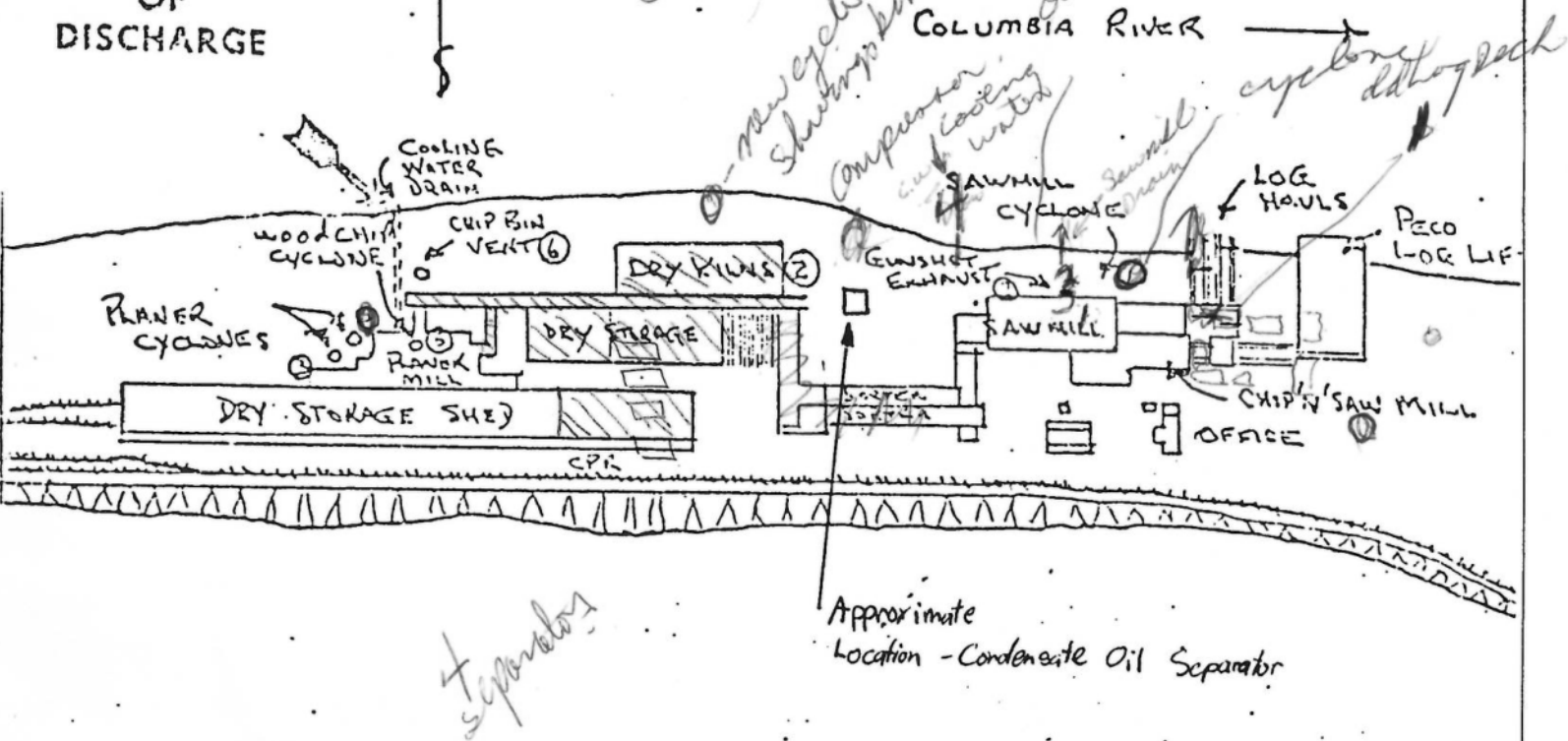


SITE PLAN

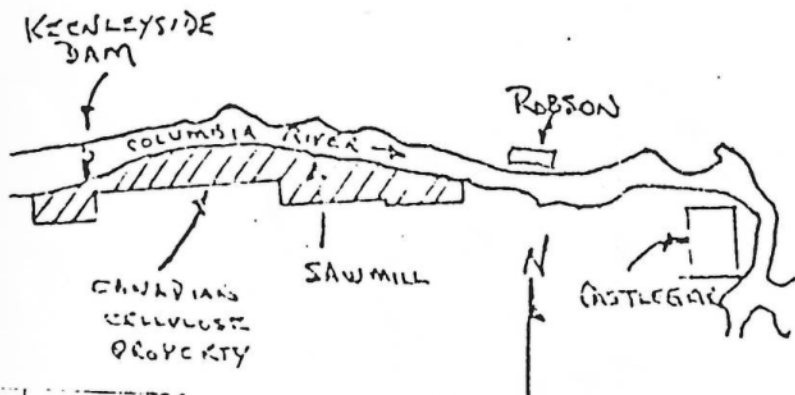
LOCATION
OF
DISCHARGE

Dwight Wilson

Dale Clayton



LOCATION MAP



WESTAR TIMBER LTD.

(Name of applicant(s))

(Date)

(Signature of applicant(s) or agent)

FEB 18 1985

(FOR OFFICE USE ONLY)

Date Issued

M. Baillington
Regional Waste Manager

Date Amended

Appendix A-1 to Permit No. PE-5594

Approval No.



MINISTRY OF ENVIRONMENT
WASTE MANAGEMENT BRANCH

APPENDIX

B-1

to Permit No. PA-5594

1. MAINTENANCE OF WORKS


The Permittee shall inspect the pollution control works regularly and maintain them in good working order. Notify the Regional Waste Manager of any malfunction of these works.

2. EMERGENCY PROCEDURES

In the event of an emergency or condition beyond the control of the Permittee which prevents continuing operation of the approved method of pollution control, the Permittee shall immediately notify the Regional Waste Manager and take appropriate remedial action.

3. REPORTING

For each period of effluent discharge the permittee shall record the duration of effluent discharge and estimate the volume of daily volume.


Regional Waste Manager

Date Issued FEB 18 1985 19
Date Amended _____ 19
_____ 19

FILE: PE-5594

DATE: January 30, 1985.

FROM: Head, Industrial Section.

RESUME FOR AMENDMENT APPLICATION

APPLICATION ON BEHALF OF WESTAR TIMBER LTD., DATED APRIL 19, 1984.

1. APPLICATION:

This is an application by Westar Timber Ltd. to change the name of the Permittee from Canadian Cellulose Company Limited, to Westar Timber Ltd.

2. APPLICATION REVISIONS:

The new permit format is to be used.

The program of improvements requirements as specified in the original permit have been complied with and may be eliminated.

Additional works ie: oil separators, pumps etc. should be specified in section (d) of Appendix 01.

3. HISTORY:

The permit was originally issued on February 5, 1980 and required the company to install a dry bark conveying system for transporting bark from the sawmill to the pulpmill. The system was completed as required.

In addition the company was required to cease discharging dryer condensate to the Columbia River. This condensate carried oily waste and resulted in an oil slick within the boom area. The company installed an oil separation/recovery unit which operates well and then pumped the condensate into the water treatment system which eventually flows to the pulpmill clarifier for treatment prior to discharge to the Columbia River.

In 1981 there was an incident that resulted in considerable local press coverage. A pump that normally carried condensate to the clarifier system failed. This resulted in a discharge of condensate to the river. The pump was eventually repaired and more spare parts were established in the inventory as a result of this occurrence.

Since 1981, there has been no problems with the sawmill operation.

The actual permit appendix 01 authorizes an occasional discharge of warm water from a water cooled compressor to the river. This machine is only operated about 1 week/year during maintenance of other equipment.

4. RECOMMENDATIONS:

It is recommended that PE-5594 be amended as follows:

1. New format
2. New name - Westar Timber Ltd.
3. Include oil separation equipment in works authorized.

Carl Johnson

Carl Johnson, P. Eng.
Head, Industrial Section.

REPORT FOR ACADEMIC ACHIEVEMENT

ACADEMIC ACHIEVEMENT OF STUDENTS IN THE DISTRICT OF COLUMBIA, 1985-1986

1. INTRODUCTION

This is an attempt to provide a summary of the academic achievement of students in the District of Columbia for the year 1985-1986. The data is based on the results of the District of Columbia Assessment Test (DCAT) and the District of Columbia Achievement Test (DCAT-2).

2. STUDENT ACHIEVEMENT

The data is based on the results of the DCAT and the DCAT-2. The data is presented in the following tables.

The data is presented in the following tables. The data is based on the results of the DCAT and the DCAT-2.

The data is presented in the following tables. The data is based on the results of the DCAT and the DCAT-2.

3. DISCUSSION

The data is presented in the following tables. The data is based on the results of the DCAT and the DCAT-2.

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The data is presented in the following tables. The data is based on the results of the DCAT and the DCAT-2.

The data is presented in the following tables. The data is based on the results of the DCAT and the DCAT-2.

4. CONCLUSIONS

The data is presented in the following tables. The data is based on the results of the DCAT and the DCAT-2.

The data is presented in the following tables. The data is based on the results of the DCAT and the DCAT-2.

The data is presented in the following tables. The data is based on the results of the DCAT and the DCAT-2.

Dr. James E. Egan
Chief, District of Columbia

PERMIT INFORMATION

Permit Number: PE05594
Special Waste (Y/N): N
* Geographic Reference: 0409
* Regional District Code: CK
Issue Date: 850218 Expiry Date: 8
Section (M-Municipal/I-Industrial): I
Assigned WMO (first initial & last name): T Kinrade
Assigned Technician (first initial & last name): TKinrade

ENVIRONMENTAL ASSESSMENT RATING BREAKDOWN

For rates & descriptions see Appendix B - EIA Rating Tables

1. Quantity of Discharge
RATING: 5 COMMENT: _____
2. Quality of Receiving Environment
RATING: 0 COMMENT: _____
3. Dillution Capability and Sensitivity of Receiving Environment
RATING: 0 COMMENT: _____
4. Actual or Intended Uses of Receiving Environment
RATING: 3 COMMENT: _____
5. Public/Agency Sensitivity
RATING: 0 COMMENT: _____
6. Potential and Actual Human Safety and Health
RATING: 0 COMMENT: _____

* Valid code required

CLIENT INFORMATION

Permit/Approval Number:

PE05594

Primary Client (Y/N):

Y

ORGANIZATION: Name:

Westar Timber Ltd.

OR

INDIVIDUAL: Surname:

Salutation (e.g. Dr. V. Smith):

Given Names:

Preferred Names (optional):

MAILING

ADDRESS:

Suite #

Street Number

Street Name

Street Type

Direction/Quadrant

PO Box

Postal Station

Rural Route

Site

Compartment

Bag

City

Prov/State (default BC)

Country (default CANADA)

Postal/Zip Code

Address Prefix (max 80 alpha)

1126
Georgia
Street
West

Vancouver

V6E 4B7

Business Phone:

()

FAX Number:

()

Radio Phone:

CONTACT INFORMATION

Permit/Approval Number: PE05594
Primary Contact : YES ☒ NO ☐

ORGANIZATION: Name: Westar Timber Ltd.

CONTACT: Surname: Helmke
Salutation (e.g. Dr. V. Smith): Mr. Roy Helmke
Given Names: Roy Preferred Names (optional): _____

Sex : MALE ☒ FEMALE ☐
Contact Title: Mill Manager

If Address matches that of the Client, then leave ADDRESS including Phone Number information blank.

ADDRESS: Suite # _____
Street Number _____
Street Name _____
Street Type _____
Direction/Quadrant _____
PO Box 850
Postal Station _____
Rural Route _____
Site _____
Compartment _____
Bag _____
City Castlegar
Prov/State (default BC) _____
Country (default CANADA) _____
Postal/Zip Code V1N 3H8
Address Prefix (max 80 alpha) Southern Wood Products.

Business Phone: (604) 948-XXXX
FAX Number: () _____
Radio Phone: _____

SITE INFORMATION

NOTE: If the site is already defined in the SEAM database, complete only the bolded fields & incinerator data if it applies.

Permit/Approval Number: PE05594

WASTE Site Number: 50

SEAM Site Number: _____

Site Name: Westar Compressor cooling ^{water} monitor

Legal Description: D.L. 13981, 5636 + 5953, K.D.
(50 Char)

Sampling Point Description: Cooling Water Discharge

*SCC: 57100

If the SCC code is unknown, please give a brief description:

*Relation: 5

*Fish & Wildlife Management Unit (optional): 0409

*Site Type: 21

*Category: 3

*Discharge To: 2

IF THE SITE IS AN INCINERATOR, PLEASE COMPLETE THE FOLLOWING:

*Incinerator Type: _____

Incinerator Model: _____

Incinerator Design Rating: _____

*Incinerator Fuel Type: _____

Incinerator Fuel Consumption: Qty: _____ *Units: _____

Sulphur Content: _____%

Operating Period: _____ hours/day _____ days/week

* Valid code required

APPROVAL INFORMATION

Approval Number: _____

Special Waste (Y/N): _____

* Geographic Reference : _____

* Regional District Code : _____

* Standard Industry Code: _____

Production Capacity: QTY:

(NOTE: Production Capacity Units will default to the standard units for the SIC)

Issue Date: _____ Expiry Date: _____

Section (M-Municipal/I-Industrial): _____

Assigned WMO (first initial & last name): _____

Assigned Technician (first initial & last name): _____

ENVIRONMENTAL ASSESSMENT RATING BREAKDOWN

1. Quantity of Discharge
RATING: _____ COMMENT: _____
2. Quality of Receiving Environment
RATING: _____ COMMENT: _____
3. Dillution Capability and Sensitivity of Receiving Environment
RATING: _____ COMMENT: _____
4. Actual or Intended Uses of Receiving Environment
RATING: _____ COMMENT: _____
5. Public/Agency Sensitivity
RATING: _____ COMMENT: _____
6. Potential and Actual Human Safety and Health
RATING: _____ COMMENT: _____

* Valid code required

PERMIT/APPROVAL #::

PE05594

[illegible]

PERMIT/APPROVAL #:
P205594[illegible]

PERMIT/APPROVAL # : PE05594

[illegible]

PERMIT/APPROVAL #: PE05594PERMIT/APPROVAL #:



Province of
British Columbia

Ministry of
Environment

Waste Management Branch
1106 Cook Street
Victoria
British Columbia
V8V 1X4
Phone: 387-5321

YOUR FILE

OUR FILE 0262100-PE-5594

FEB 5 1980

DOUBLE REGISTERED

Canadian Cellulose Company, Limited
1200 - 1111 West Hastings Street
Vancouver, British Columbia
V6E 2K2

Gentlemen:

LETTER OF TRANSMITTAL

Enclosed is a copy of Pollution Control Permit No. PE-5594 in the name of Canadian Cellulose Company, Limited. Your attention is respectfully directed to the terms and conditions outlined in the Permit.

In conjunction with this Permit, you are directed to comply with the following requirements:

A. PROGRAM OF IMPROVEMENTS

Date

Improvement

On or before
December 31, 1981

1. Install a dry conveying system to convey the bark from the sawmill to the pulp mill.
2. Cease direct discharge of dryer condensate and hydraulic barker effluent to the Columbia River.

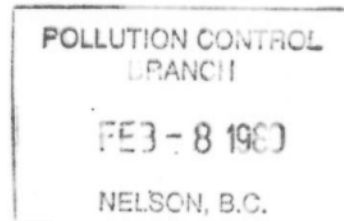
B. SAMPLING AND MONITORING

For each period of effluent discharge measure and record the following:

1. duration of effluent discharge
2. temperature of effluent
3. the average daily volume

C. MAINTENANCE OF WORKS

Inspect regularly the pollution control works and maintain them in good working order. Notify the Director of any malfunction of these works.



Canadian Cellulose Company, Limited

FEB 5 1980

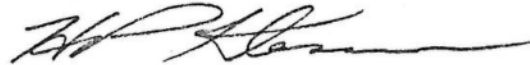
You will note that values have been expressed in the International System of Units (SI). These units are to be used in submitting monitoring results and any other information in connection with this Permit.

The administration of this Permit will be carried out by staff from our Regional Office located at 310 Ward Street, Nelson, British Columbia, V1L 5S4 (telephone 352-2211). Plans, data and reports pertinent to the Permit are to be submitted to the Director through the Regional Manager at this address.

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 shall rest with the Permittee.

This Letter of Transmittal is an Order under the Pollution Control Act.

Yours very truly,



H. P. Klassen, P. Eng.
Assistant Director of Pollution Control

Encl.



MINISTRY OF THE ENVIRONMENT
POLLUTION CONTROL BRANCH


PERMIT

Under the Provisions of the Pollution Control Act, ~~1987~~

Canadian Cellulose Company, Limited
1200 - 1111 West Hastings Street, Vancouver, British Columbia, V6E 2K2
is hereby authorized to discharge effluent
from a sawmill-planermill complex
located at Castlegar, British Columbia
to the Columbia River

This permit has been issued under the terms and conditions prescribed in the attached appendices

01 and A


Assistant Director of Pollution Control

Date issued FEB 5 1980, 19
Amendments dated, 19
, 19
, 19

Permit No. PE-5594



MINISTRY OF ENVIRONMENT
POLLUTION CONTROL BRANCH

APPENDIX No. 01

to Pollution Control Permit No. PE-5594

- (a) The discharge of effluent applicable to this appendix is compressor cooling water

(Source of operation)

_____ as shown on attached Appendix A.
- (b) The quantity of effluent which may be discharged is an average of 140 m³/d for a maximum period of one week/year.

- (c) The characteristics of the effluent shall be equivalent to or better than
uncontaminated mill water with a maximum discharge temperature not exceeding 35°C.

- (d) The works authorized are discharge piping and related appurtenances

_____ approximately as shown on the attached Appendix A.
- (e) The land from which the effluent originates and to which this appendix is appurtenant is D.L. 13981, 5636 and 5953, Kootenay District.

- (f) Those works authorized and proposed must be completed and in operation on and from the date of this Appendix.

Date issued FEB 5 1980, 19____

Date amended _____, 19____

_____, 19____

Assistant Director of Pollution Control



Province of
British Columbia

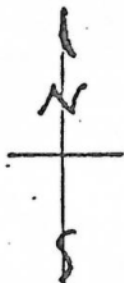
Ministry of the
Environment

DEPARTMENT OF THE ENVIRONMENT
WATER RESOURCES
JUN 4 1979
POLLUTION CONTROL BRANCH

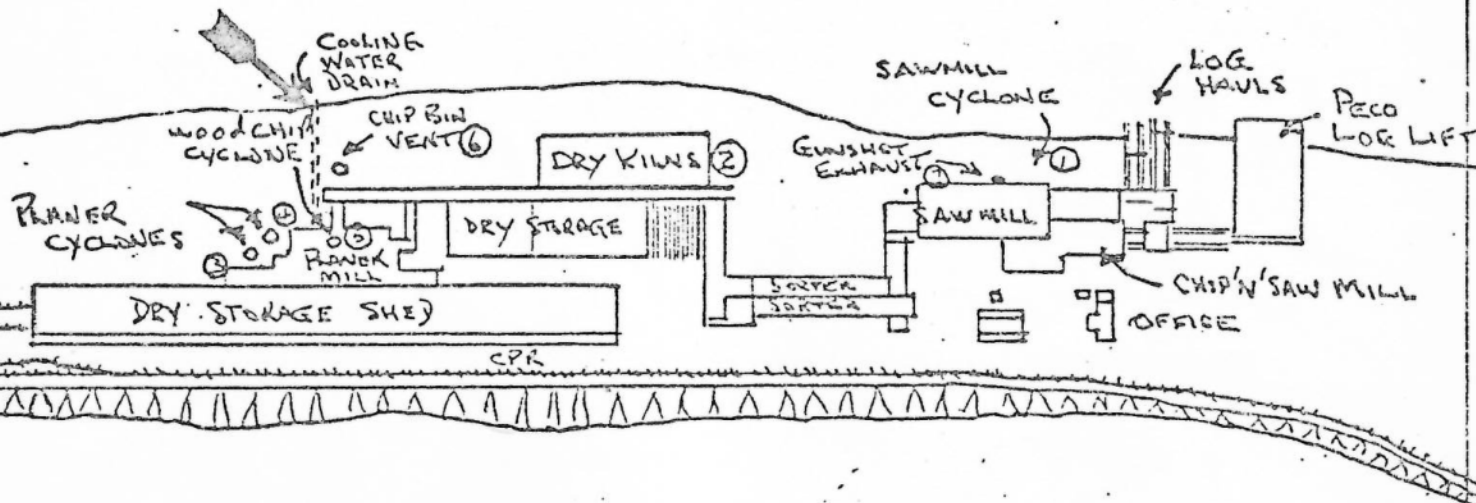
POLLUTION CONTROL BRANCH

SITE PLAN

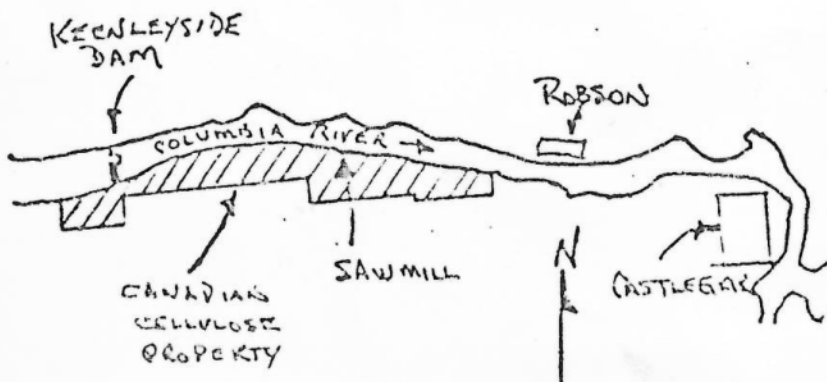
LOCATION
OF
DISCHARGE



COLUMBIA RIVER →



LOCATION MAP
LOCATION MAP



Canadian Cellulose Company Limited
(Name of applicant(s))

May 29, 1979
(Date)

(Signature of applicant(s) or agent)

(FOR OFFICE USE ONLY)

FEB 5 1980

(Date issued) Assistant (Director of Pollution Control)

Appendix A to Permit No. PE-5594

File: 0262100-AE-5594

Date: January 8, 1980

From: Forestry Unit
Pollution Control Section

RESUME FOR PERMIT APPLICATION

Application on behalf of Canadian Cellulose Company, Limited,
Castlegar Sawmill dated May 29, 1979

1. APPLICATION

Canadian Cellulose Company, Limited has made an application to discharge an average of 30,000 IGPD, continuously, of uncontaminated cooling water from the Castlegar Sawmill to the Columbia River.

2. AMENDMENTS

The applicant requested the application be amended to state the operating period during which the cooling water will be discharged to the river to be "maximum of one week per year" instead of "continuously" as originally stated.

3. HISTORY

Although the discharge has been in existence for many years it was not Registered.

The applicant was requested by the Regional Office, not Ordered by the Director, to make application for the discharge.

4. ADMINISTRATIVE ASPECTS

The application was posted, published and circulated to the agencies. The applicant has complied with the Regulations.

5. POLICY

The Level "A" Objectives for sawmill effluent discharge temperature is applicable to this application.

6. AGENCY COMMENTS

The Fish and Wildlife Branch had no comments or objections to this application. None of the other agencies who received a copy of the application have responded to date.

7. OBJECTORS

There were no objectors to the application.

8. REGIONAL OFFICE REPORT

The Regional Office stated the cooling water discharge line discharges near the edge of the Columbia River bank and thus the effluent forms a rivulet which carries sawdust, etc. into the River. Subsequent to the Site Inspection, the company advised the P.C.B. that the water-cooled air compressor will, in future, only be utilized as a standby unit and will only be operating (and thus discharging cooling water) for a maximum period of one week per year. A new air-cooled air compressor has replaced the water-cooled unit.

9. SECURITY REQUIREMENTS

A security deposit is not considered to be a requirement for this application.

10. DISCUSSION OF TECHNICAL ASPECTS

The cooling water discharge temperature is about 15°C. Since this discharge only occurs for a small percentage of the time, when the standby water-cooled compressor is in operation, it is not felt necessary to submerge or otherwise extend the outfall over the river bank.

There is an unauthorized discharge of dryer condensate plus hydraulic barker effluent which results when the pipeline carrying this effluent to the pulp mill clarifier becomes plugged with barker solids. The company plans to solve this problem by installing a dry conveying system for the bark and using this pipeline for screened hydraulic barker effluent plus dryer condensate by mid-1981.

11. RECOMMENDATIONS

1. It is recommended the Director amend the application and issue a Permit for a discharge of cooling water of 140 m³/d for a maximum period of 1 week/year. Temperature of the effluent should not exceed 35°C.
2. The Letter of Transmittal should include the following:
 - a) A "Program of Improvements" clause to install a dry conveying system for the bark from the sawmill hydraulic barker to the pulp mill by the end of 1981. This should eliminate the unauthorized discharge of hydraulic barker effluent and dryer condensate to the Columbia River.
 - b) A sampling and monitoring clause in which the Permittee shall measure and record the average flow of effluent, one temperature measurement of the effluent and the duration the effluent is discharged during each period of discharge.

D.Y. Morrison
D.Y. Morrison

DYM/1a

Concur with resume recommendations
M. K.
22-5-80

| APPROVED | | |
|-----------|-------------|----------------|
| PROCESS | INITIAL | DATE |
| ENGINEER | <i>DYM</i> | <i>7/28/80</i> |
| SEC HEAD | <i>2005</i> | <i>7/11/80</i> |
| DIV CHIEF | | |

File: 0262100-AE-5594

Date: January 8, 1980

From: Forestry Unit
Pollution Control Section

TECHNICAL ASSESSMENT FOR PERMIT APPLICATION

Application on behalf of Canadian Cellulose Company, Limited,
Castlegar Sawmill, dated May 29, 1979

1. SOURCE OF DISCHARGE

The source of discharge is a sawmill-planer mill complex located on the south bank of the Columbia River. The sawmill was originally built in 1961 but was destroyed by a fire in 1978 and rebuilt the same year. The rebuilt sawmill comprises of two large log lines which have a 54" hydraulic barker and one small log line which has two 22" mechanical barkers. The species of logs cut are hemlock, cedar, spruce, pine and fir, which are manufactured into lumber, chips and hog fuel. There is a "Chip 'N saw" operation associated with the sawmill.

The complex also consists of a planer mill and 3 steam heated dry kilns. The kilns are heated by steam which is obtained from the Castlegar kraft pulp mill, about 1/2 mile downstream.

2. TREATMENT OF DISCHARGE

No treatment of the discharge under application is considered necessary since it is uncontaminated cooling water which is discharged at about 15°C. This cooling water is mill process water which is obtained from the Arrow Lakes, about 3 miles upstream from the mill.

As pointed out by the Regional Office, there is an unauthorized discharge for about 4 hours per week of dryer condensate containing some emulsified oil along with hydraulic barker effluent. This water is normally pumped over to the barker clarifier located at the pulp mill. However, this line periodically plugs with solids resulting from the barker operation which results in overflows to the river. The company plans to solve this plugging problem by installing a dry conveying system to carry bark to the pulp mill and to continue to utilize the pipeline to convey the hydraulic barker effluent plus dryer condensate to the pulp mill screens and clarifier.

3. RECEIVING ENVIRONMENT

The receiving environment is the Columbia River which has a normal minimum flow of 142 m³/s (27 x 10⁸ IGPD) and the lowest recorded flow of 30 m³/s (5.7 x 10⁸ IGPD) at the location of the sawmill. The maximum discharge of uncontaminated effluent under application is less than 6 x 10⁴ IGPD which would have a negligible effect on the receiving waters.

4. PROPOSED MONITORING

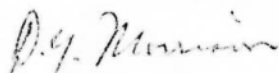
Monitoring of the effluent discharge should consist of measuring the average flow of effluent, duration of effluent flow and one temperature measurement of the effluent during each period of discharge.

5. ASSESSMENT

Since the effluent under application is:

- a) uncontaminated cooling water at less than 35°C
- b) of small flow rate for a maximum period of one week per year to the Columbia River

there should be no adverse effects on the receiving environment resulting from this discharge.


D.Y. Morrison



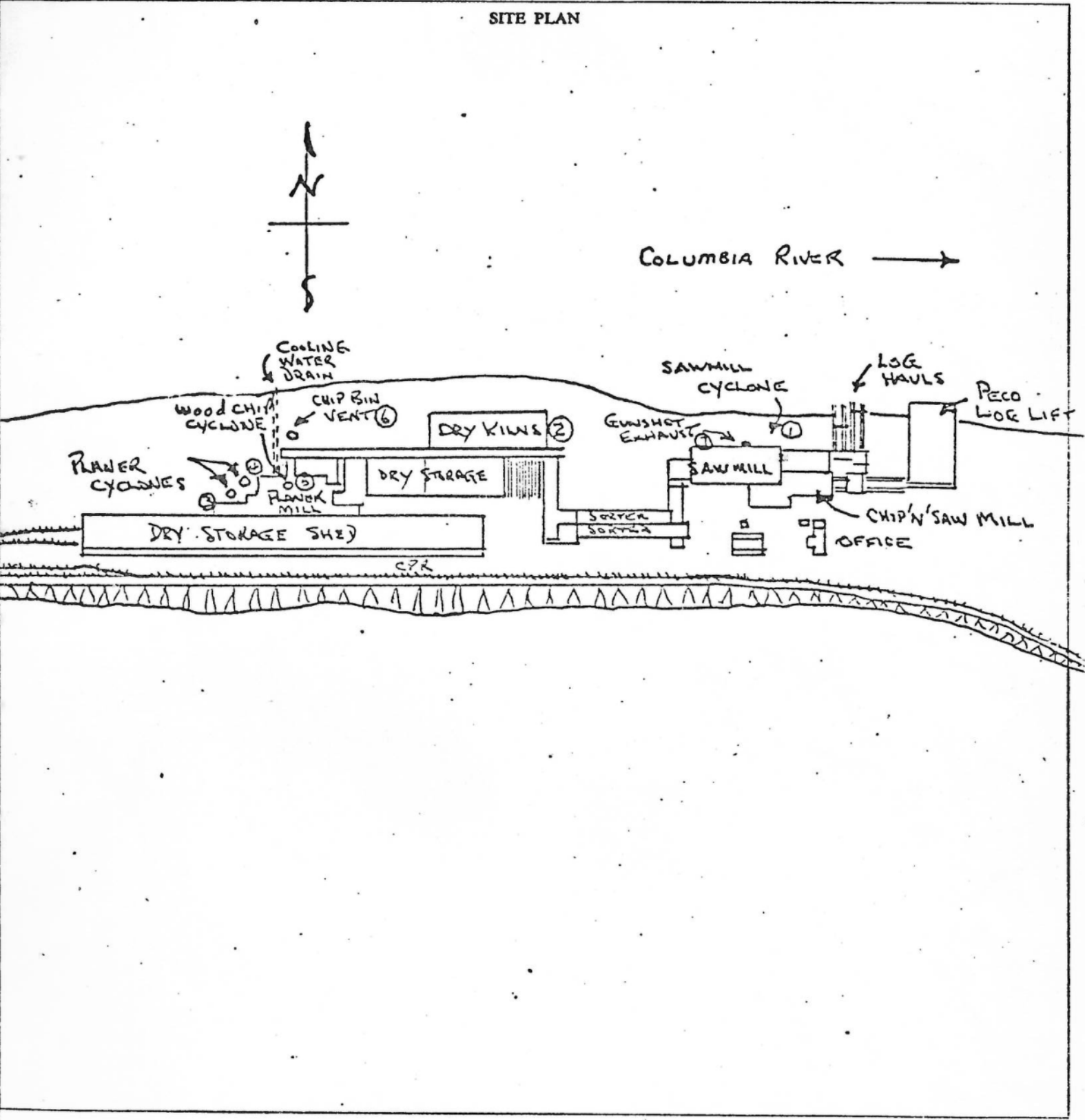
Province of
British Columbia

Ministry of the
Environment

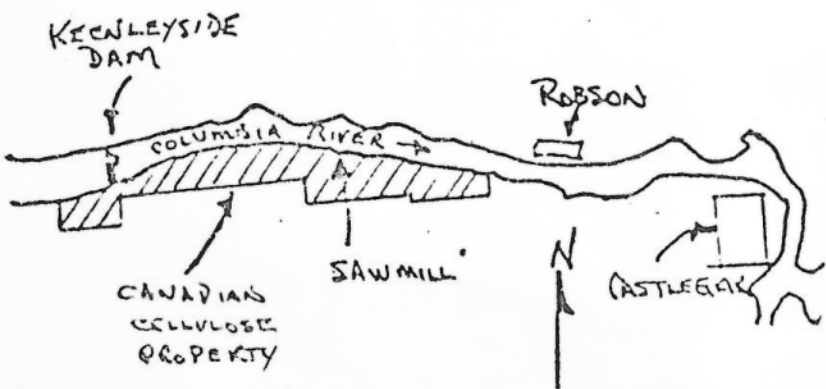
DEPARTMENT OF ENVIRONMENT
WATER RESOURCES
JUN 4 1979
POLLUTION CONTROL BRANCH

POLLUTION CONTROL BRANCH

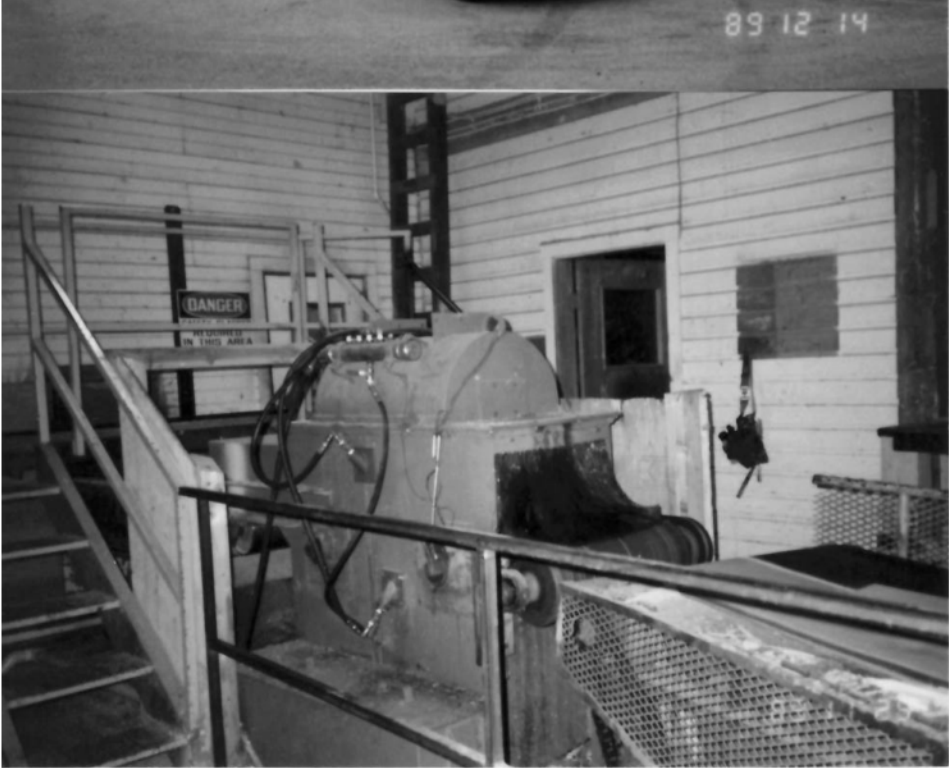
SITE PLAN

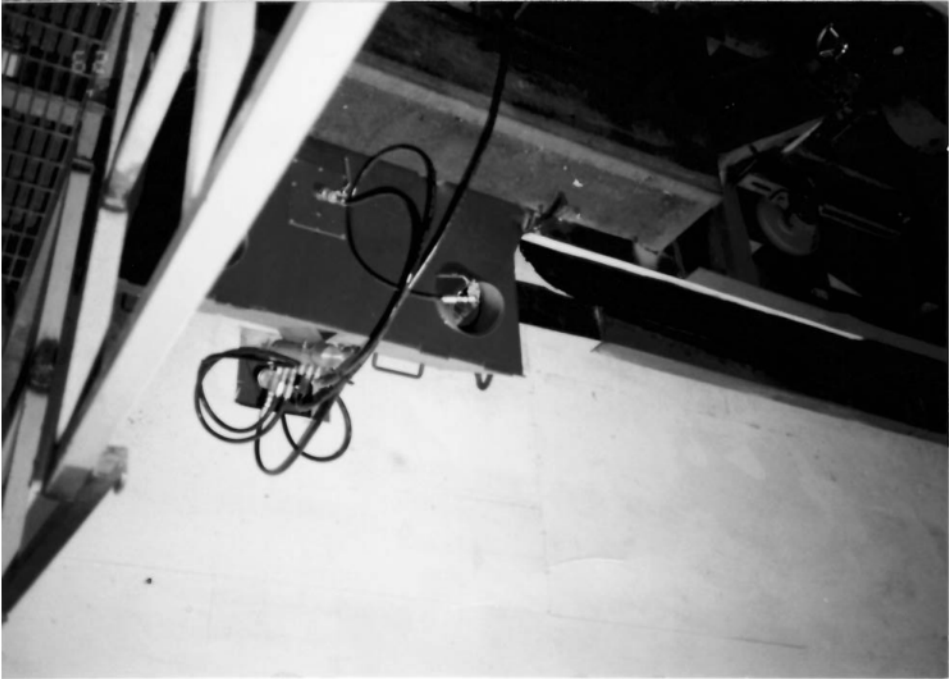


LOCATION MAP
LOCATION MAP



CANADIAN CELLULOSE COMPANY LIMITED
(Name of applicant(s))
May 29, 1979 (Date)
(Signature of applicant(s) or agent)
(FOR OFFICE USE ONLY)
(Date issued) (Director of Pollution Control)
Appendix to Permit No.









June 17, 2004

Files: PA-05490

RA-16403

PE-05594

PR-01881

PR-12858

Pope & Talbot Ltd.
P.O. Box 2000
CASTLEGAR B.C. V1N 4G4

Attention: Gordon Brougham

Dear Gordon Brougham:

Re: June 14, 2004 Site Inspection Follow-up Letter

Thank you for your time on Monday June 14, 2004 for providing Terri Kinrade and myself an overview of your facilities. I have included a summarization of our site inspection and any follow up required.

The following points were discussed:

- The current landfill is now receiving ash from the Energy Emission System and a small amount of inert debris. We acknowledge that the amount of material being deposited has significantly reduced over the past years and alternative uses for the ash are being investigated. Our discussions with you indicated that we will expect an **estimated landfill life calculation**, which will be based on current disposal volumes and assuming that the landfill will reach the equivalent height of the nearby Celgar landfill.
- In addition to an estimated landfill life calculation we are expecting a **preliminary closure plan** from for this landfill.
- The burn piles at the landfill consisted of burnable wood debris. The piles were free of garbage and sorted.
- Some erosion on the northeast corner of the landfill was noted (Figure 1).
- The open water at the top of the landfill (Figure 2) site should be removed and the excavation should be backfilled to prevent water from infiltrating into the landfill. Removing the water will reduce the potential for increased leachate production.

...2

- During the site review the need for an oil-water separator was noted in the west paved portion of the yard.
- Three reports were submitted to us for the Energy System Emissions from 2002, 2003 and 2004. Air monitoring results for particulate matter concentrations from all of the submitted Reports are in compliance with the Wood Residue Burner and Incinerator Regulation.

Please call if you have any questions on the above related matter.

Sincerely,



Chris Stroich, M.Sc.
Environmental Protection Officer

CS/lkm



Figure 1, Bank erosion on northeast corner of landfill.

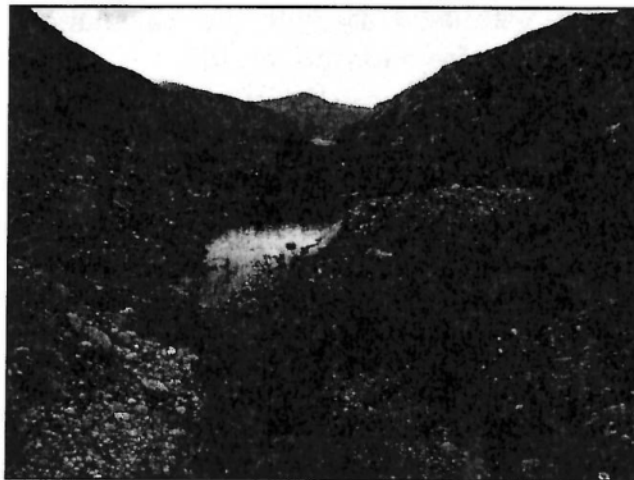


Figure 2, Open water on northwest edge of landfill, formerly used as asbestos containing materials dump.

~~Charge Plus Term~~
 Pope + Talbot

SP1

6/2000 George Swigman from P+T called to say that the complaint about the oil leak from the grass loader was correct but the amounts were exaggerated. 2 spills of about 50 gallons each went to ground but were quickly cleaned up by putting hog on it and burning it in their incinerator. 2 hoses blew @ 2 different times and the oil was lost. Mechanics fixed the problem.

Effluent Permit discharge has been deleted but the storm drains have now been captured and the oil separated before it is allowed into the Columbia River.

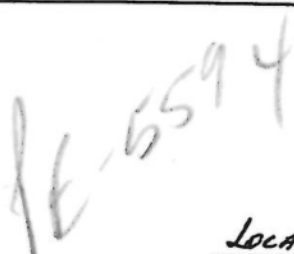
Reduction in discharges to the environment will result as permits have been chargeable minor.

OK

PC-5594

| | | | | | | | | | |
|--|--|--|-----------------------|--|---------------------------------------|---|------------|---|--|
| PROGRAM | | ENVIRONMENTAL PROTECTION KOOTENAY REGION NELSON OFFICE | | OCCURRENCE COMPLAINT INSPECTION ADMIN. REVIEW | | DATE (IN FULL) Aug 28 / 2008 | | OCCURRENCE NO. INIT. YY/MM/DD-# CS 08/08/01 | |
| DETAILS TAKEN BY: C Johnson | | | | | | REPORTED BY: a P+T worker | | | |
| SUSPECTED VIOLATOR Purvis-Talbot - Castledown | | | | | | STATUS PERMIT # 3397. | | | |
| ADDRESS Envi. Manager. | | | | | | LICENCE# | | | |
| | | | | | | UNAUTHORIZED | | | |
| CONTACT | | | | | | FIRE# | | | |
| | | | | | | PHONE# | | | |
| LOCATION OF OCCURRENCE (GENERAL) new grapple loader | | | | | | CONFIDENTIALITY REQUESTED? Y/N | | | |
| LEGAL DESCRIPTION | | | | | | DATE OF OCCURRENCE week of August 21 | | | |
| DETAILS | | | | | | | | | |
| P R O G R A M | complaint re excessive loss of hydraulic oil from new | | | | | | | | |
| | grapple loader | | | | | | | | |
| | estimated to be 500 gallons per week | | | | | | | | |
| | need to follow-up | | | | | | | | |
| | similar complaints have been made to be unofficially by one of | | | | | | | | |
| | the lubricant suppliers to P+T. | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| ATTACHMENT Y/N | | | | | | | | | |
| U S E | DATE | | TIME | | ACTIONS TAKEN | | | | |
| | | | | | called Envi. Manager left message and | | | | |
| | | | | | advised him that I would be following | | | | |
| | | | | | up next week. | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| ATTACHMENT Y/N | | | | | | | | | |
| C O U S E | DATE CONCLUDED | | INVESTIGATING OFFICER | | | SUPERVISOR | | | |
| | COMPLAINANT NOTIFIED | | SIGNATURE | | | SIGNATURE | | | |
| | DATE | | DATE | | | DATE | | | |
| | REGION | | DISTRICT | | EMPLOYEE NO. | | DATE | | |
| | ACT | | SECTION | | CHARGED | | WARNED | | |
| | | | PUBLIC | | C/O | | UNATTENDED | | |
| | INVESTIGATED | | REFERRED | | UNSOLVED | | CONVICTED | | |
| | | | | | | | DISMISSED | | |
| | | | | | | | STAYED | | |
| | | | | | | | PENALTY | | |

Site Plan A



Permit: PE-05594

Date Issued:

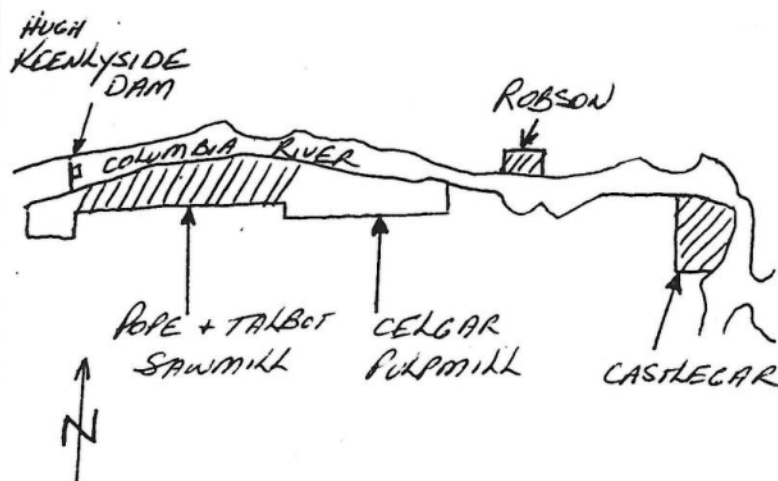
Date Amended:
(most recent)

Assistant Regional Waste Manager:

Carl Johnson, P.Eng.

Name of Applicant: Pope & Talbot Ltd.

LOCATION MAP



~~Hugh~~ → TK → Loree

POST SIGNATURE PERMIT ROUTING FORM

FILE NO. PE-0.5594

| Responsibility | Task | Date | Initial |
|--------------------------|--|-----------------------------|-----------------------------|
| 1. Loree | Distribution of Permit and/or Letter of Decision to Concerned Citizens | <u>Mar. 6/98</u> | <u>LKJ</u> |
| | Bring Forward 21 days Copy of Permit to Hugh Auld for entry on Waste (will forward to Nel. E.P.O.) | <u>Mar 23/98</u> | <u>LKJ</u> |
| | Copy of Permit forwarded to Cranbrook E.P.O. | <u> </u> | <u> </u> |
| 2. Hugh Auld | Enter technical info into Waste System | <u>Mar 23/98</u> | <u>H/A</u> |
| E.P. Officer | Follow up with Applicant Return Completed Routing Form to Loree | <u>Apr. 14/98</u> | <u>TK</u> |
| | Bring Forward 21 days | <u>Mar 23/98</u> | |
| Date Due from Technician | | <u>apr. 13</u> | |
| 3. Loree | Verify and File | <u>July 7/98</u> | <u>LKJ</u> |

o:\permitsa\forms\permirro.doc

As Of: FEB 18, 1998
Lterm: VIBC2746
Folio:

BC Online: COMPANIES - CORPORATION SEARCH
For: PL64247 MINISTRY OF ENVIRONMENT, LANDS

98/02/25
11:10:51
Printer: VIBC2764

BC COMPANY

Name: POPE & TALBOT LTD.

Incorporation No: 0097568

Amalgamation Date: 31 DEC., 1970

Last Annual Report Date: 31 DEC., 1996

Nbr of Principals: 13

In Liq: NO Receiver: NO Reporting: NO

Previous Name : BOUNDARY FOREST PRODUCTS LTD.

Date of Change: 04 DEC., 1972

Registered Office: 2100 - 1075 WEST GEORGIA STREET
VANCOUVER BC
V6E 3G2

PF1-Help

CS73 - PRESS ENTER FOR MORE INFORMATION

PF2-BCOL

PF3-Return

PF7-Back

PF8-Forward

PF10-Print

As Of: FEB 18, 1998
Lterm: VIBC2746
Folio:

BC Online: COMPANIES - CORPORATION SEARCH
For: PL64247 MINISTRY OF ENVIRONMENT, LANDS

98/02/25
11:11:49
Printer: VIBC2764

Records Office: 2100 - 1075 WEST GEORGIA STREET
VANCOUVER BC
V6E 3G2

Director: N Officer: Y
Dir/Off Name: DONALD R. BERRY
Position: ASS'T SECRETARY
Address: 15610 NW RIDGETOP LANE
BEAVERTON, OREGON
USA 97006

Director: N Officer: Y
Dir/Off Name: DENNIS E. BUNDAY
Position: ASS'T SECRETARY
Address: 4245 SW COMUS STREET
PORTLAND, OREGON
USA 97219

CS73 - PRESS ENTER FOR MORE INFORMATION

PF1-Help

PF2-BCOL

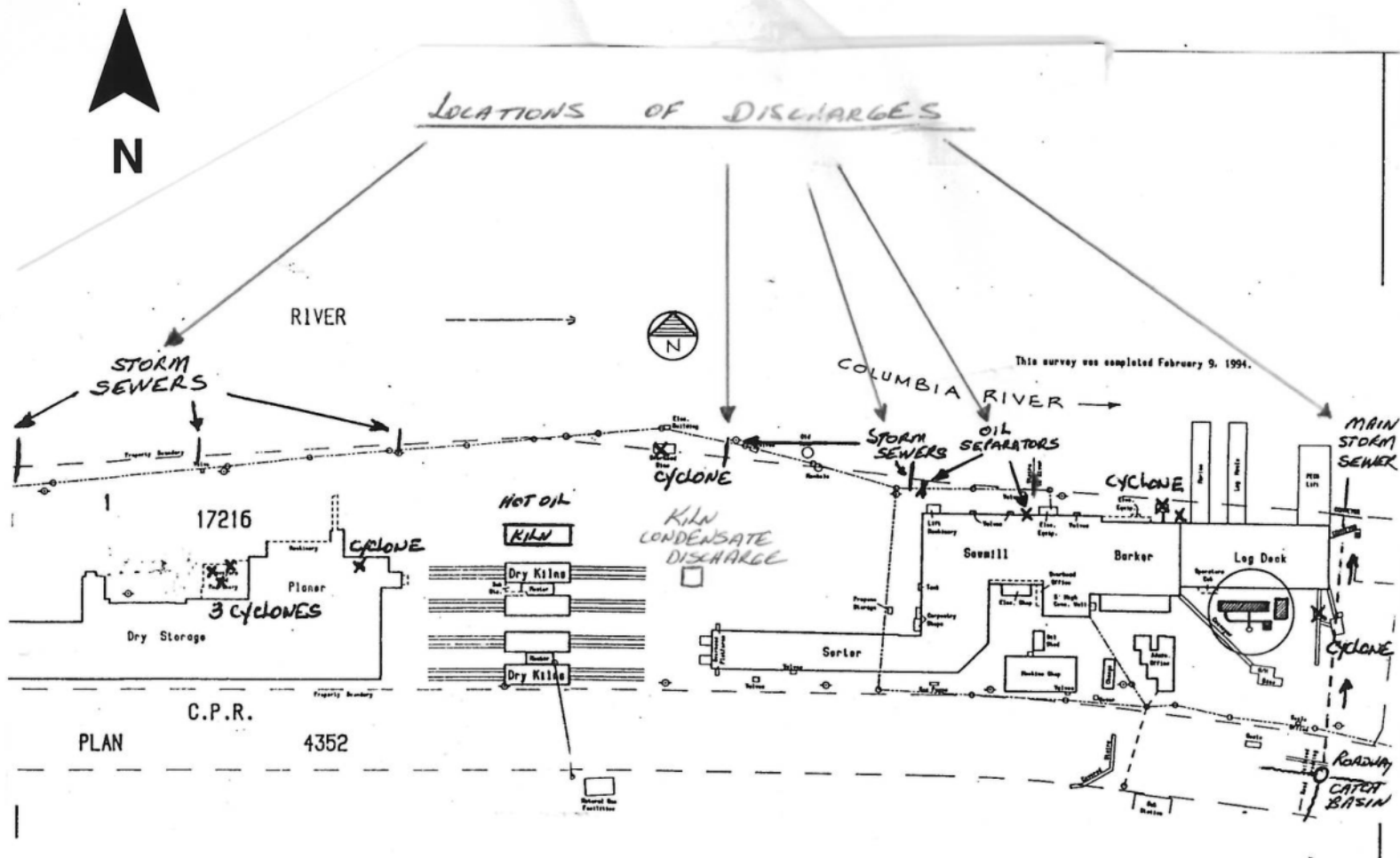
PF3-Return

PF7-Back

PF8-Forward

PF10-Print

Site Plan A



LEGAL DESCRIPTION: Lot 1, Plan 17216, District Lot 4268, Land District 26, Kootenay District, PID 005-881-579, District Lots 5636, 5953, 7373 and 13028

Permit: PE-05594

Date Issued:

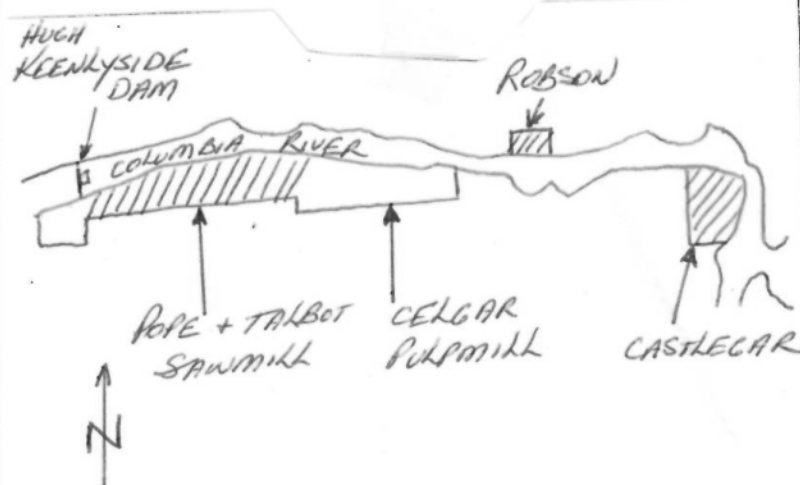
Date Amended:
(most recent)

Assistant Regional Waste Manager:

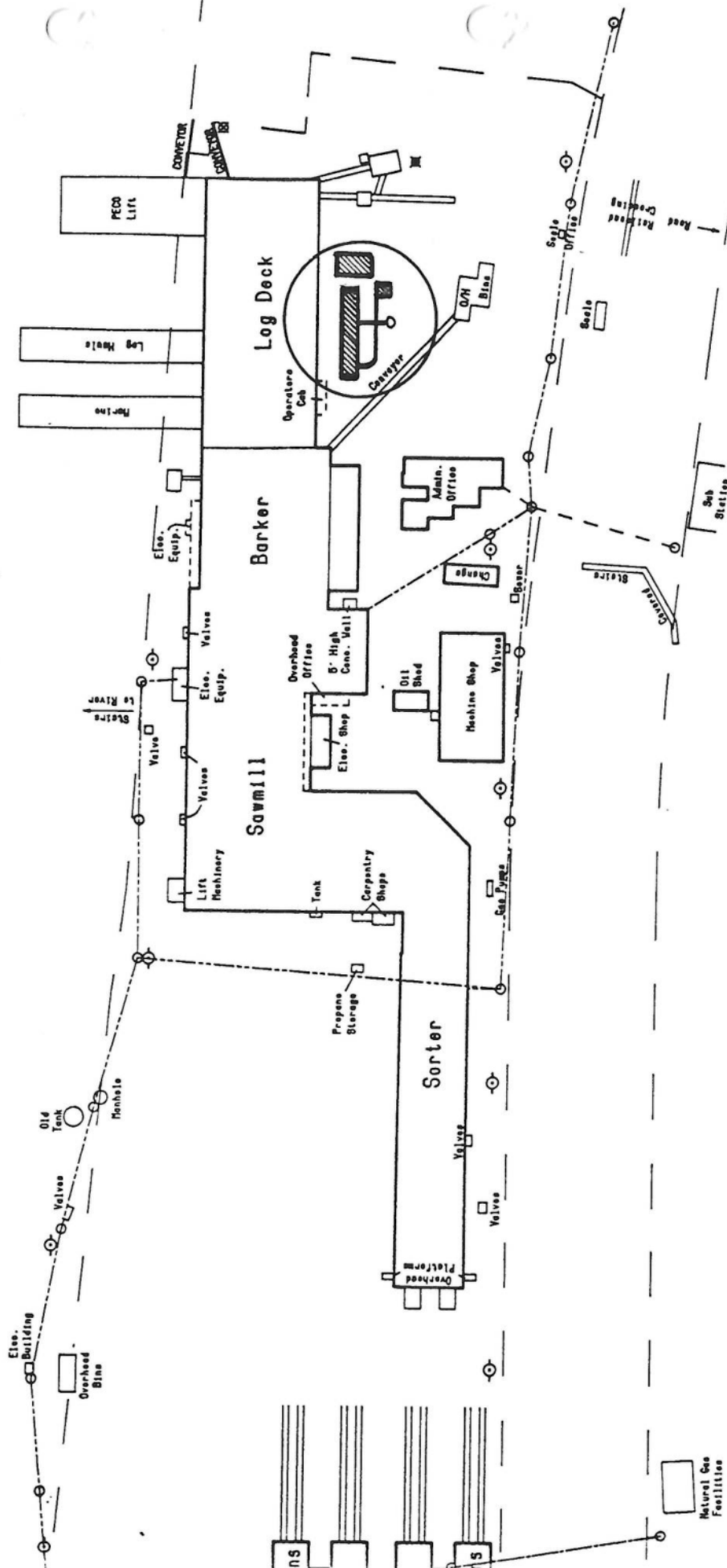
Carl Johnson, P.Eng.

Name of Applicant: Pope & Talbot Ltd.

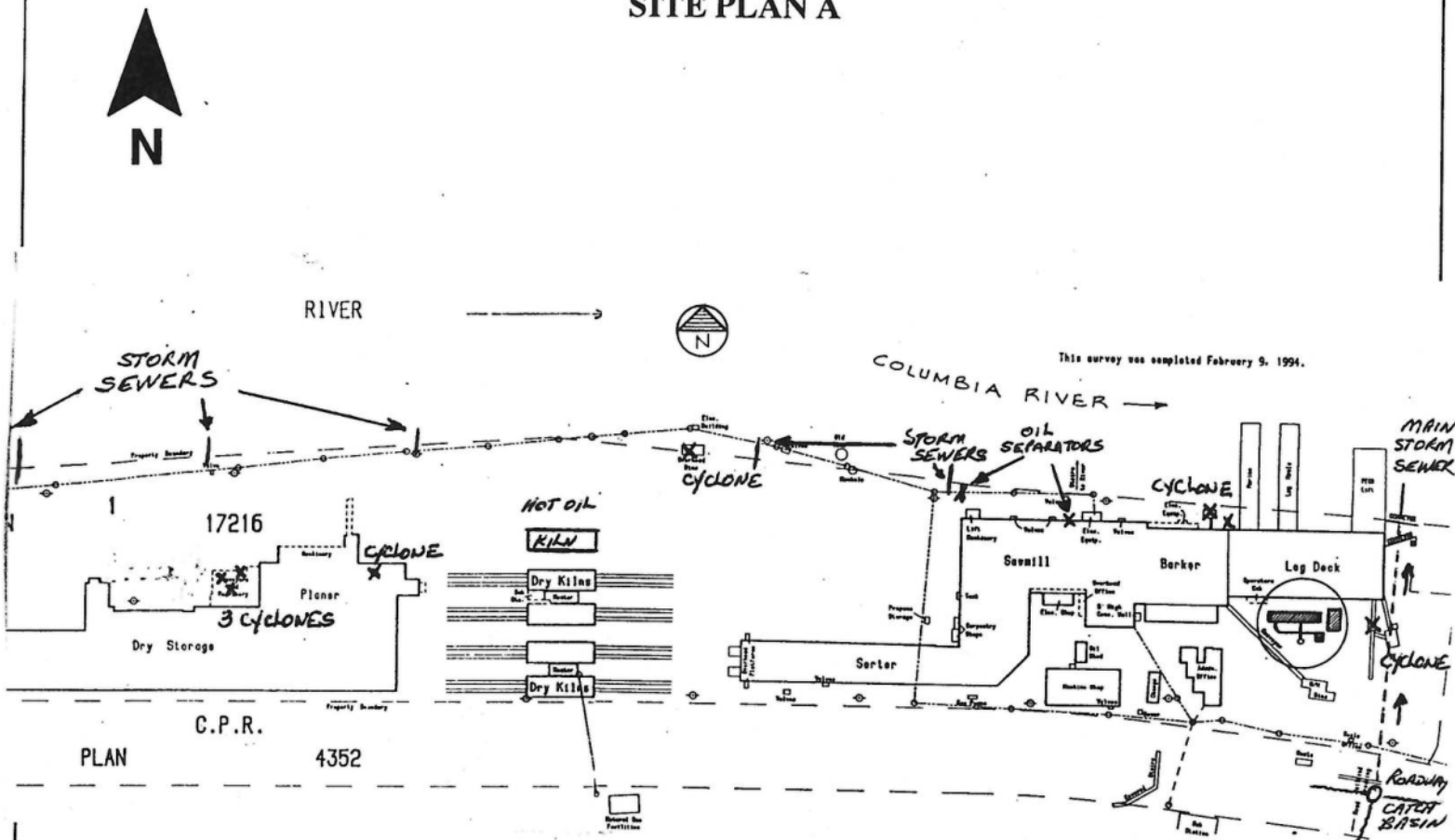
LOCATION MAP



COLUMBIA RIVER → This survey was completed



SITE PLAN A



Location Map

Scale: Not to Scale

PERMIT: PA-05594

Date:

Carl Johnson, P. Eng.
Assistant Regional Waste Manager
Kootenay Region

MEMO to File : PE-

May 3, 1996

Discussion with Dave Carter (365-4405)

Mr Carter phoned to discuss the options available for P&T for disposal of material collected in oily water separators at the sawmill.

He is environmental rep for union.

Oil skimmed from the contaminated water is collected and disposed of by outside contractor.

He was concerned about the emulsified water that contains a very small amount of oil. This water often enters the Columbia River. I suggested that this water could be used by the mill for dust control on the dirt roads around the mill during the summer months. Since this was a season possibility, a longer term arrangement might be to collect this water and pump it up to the Celgar effluent ponds where the bacteria in the ponds would no doubt break down and consume the residual oil. He had no idea of the volume of water involved. I gave him Fiona Mackay's phone no to call to discuss this option.

The sludge which accumulates in the bottom of the oil water separators is largely waterlogged sawdust and dirt that contains some oil. This may be a special waste. Historically this material was either put onto the hog supplied to Celgar or bagged and put onto the conveyor entering the boiler.

Either method should not result in environmental problems.

The oil captured in the oily water separators is not engine oil so should not be contaminated with metals.

The quantity of hydrocarbons in the total feed to the No. 2 power boiler is minimal compared to the amount of other fuel including natural gas, ETP sludge and hog fuel.

Carl *Carl*

APPLICATION WORK FORM

APPLICANT (name and address)

or WORK ORDER ☐

Pope & Talbot Ltd.

FILE No.

PE-05594

APPLICATION DATE

Feb. 25 1994

APPLICATION RECEIVED

March 3 1994

REGION

Kootenay

PROCESSING OFFICE CODE

40

SECTION

Industrial

ASSIGNED WM OFFICER

T.K.

AGENT (name and address if appointed)

17th Floor 1075 W. Georgia Str.
Vancouver, B.C. V6E 3H2

OPERATION DESCRIPTION

discharge Effluent from a Sawmill/Planer Complex

LOCATION DESCRIPTION

Castlegar

INDUSTRY CODE

2512

PRODUCTION CAPACITY

660 m³/day

ADMINISTRATIVE CHECK LIST:

1. APPLICATION SIGNED

✓

2. APPLICATION DATED

✓

3. RECEIVED WITHIN 15-DAY LIMIT

✓

4. AGENT AUTHORIZATION COMPLETED
(if appointed)

✓

5. APPLICATION FEE PAYMENT (if applicable)

RECEIVED Mar 3/94 AMOUNT \$100⁰⁰ x 4
chq. #916815 Receipt #05515ADMINISTRATIVELY ACCEPTABLE
AS APPLICATION:

Jue

PRELIMINARY TECHNICAL CHECK LIST:

1. LAND DESCRIPTION ADEQUATE

✓

2. DESCRIPTION OF SOURCE

✓

3. TYPE AND CHARACTERISTICS
OF DISCHARGE

✓

4. QUANTITY OF DISCHARGE

✓

5. ADDITIONAL INFORMATION

✓

6. APPLICATION FEE PAID IN FULL
(if applicable)

✓

TECHNICALLY ACCEPTABLE
AS APPLICATION:

J. J. de

PROCESSING SCHEDULE:

1. CIRCULATED TO AGENCIES BY

19

2. PROOF OF PUBLISHING BY

19

3. FINAL OBJECTIVE DATE

19

4. SITE INVESTIGATION DATE

19

5. TARGET RESUME DATE

19

6. TARGET DECISION DATE

19

PUBLISHING REQUIREMENTS:

1. PUBLISHING OR POSTING

☐ Required ☒ Not Required

(a) BRITISH COLUMBIA GAZETTE

(b)

(c)

(local papers or post office)

2. PERSONAL SERVICE

☐ Required ☐ Not Required

To:

94/03/08
Date[Signature]
(Regional Waste Manager)

MINOR PERMIT

☐ Publish Manager's Decision

CIRCULATION INSTRUCTIONS:

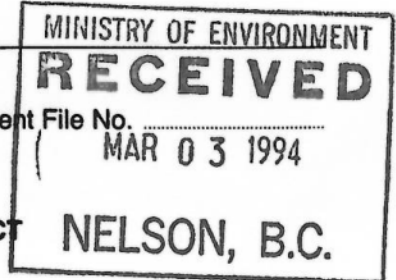
☐ E.P. OF ENVIRONMENT OF CANADA☐ REGIONAL DISTRICT OF☐ HEALTH☐ FISH AND WILDLIFE REGIONAL OPERATIONS☐ WATER MANAGEMENT BRANCH☐ AGRICULTURE AND FISHERIES☐ MINES (TAILINGS POND)☐ APPLICANT (TAILINGS POND)☐ CONCERNED PERSONS☐ OTHERS (SPECIFY)

DETERMINED BY

DATE

AMENDMENT IMPOSED BY MANAGER

☐ Publish Decision ☐ Notify Permittee



Waste Management File No. _____

**APPLICATION FOR AMENDMENT OF A PERMIT
UNDER THE PROVISIONS OF THE WASTE MANAGEMENT ACT**

NELSON, B.C.

THIS APPLICATION is to be filed with the Regional Waste Manager at #401 - 333 VICTORIA STREET
NELSON _____, British Columbia V1L 4K3
(Regional Office address) (Postal Code)

"any person who may be adversely affected by the discharge or storage of the waste may within 30 days from the last date of posting under section 3 (a) or publication, service or display under section 4, write to the manager stating how he is affected."

PREAMBLE — The purpose of this application is TO AMMEND PERMIT P.E. 5594 TO
ACCURATELY REFLECT PRESENT SITE CONDITIONS

I/We POPE & TALBOT LTD.
BOX 2000, CASTLEGAR, B.C. V1N 4G4
of _____
(Full name of permittee) (Address of permittee)

hereby apply for amendment(s) as described below to Permit No. PE 5594 granted on FEBRUARY 5th
19 80, last amended FEBRUARY 25, 19 94, which authorizes the discharge of
EFFLUENTS

(Contaminants, effluent, refuse)
from A SAWMILL/PLANER COMPLEX
(Pulp-mill, mine, municipal sewerage system, etc.)
located at CASTLEGAR, B.C., to THE COLUMBIA RIVER
(Air, land, settling pond, river, etc.)

AMENDMENTS REQUESTED (describe "before" and "after" conditions):

- DELETE APPENDIX 01 AND A1
- INSERT TWO (2) STORMWATER DISCHARGES AS LOCATED ON THE ATTACHED SITE PLAN.

Dated this 25th day of FEBRUARY, 19 94.

R. L. BROWN

(PRINT name of applicant or agent)

Telephone No. 365-4400

(Signature of applicant or agent)

A copy of this application was posted at the site in accordance with the Waste Management Regulations on
FEBRUARY 25, 1994
(Date)



Province of
British Columbia

BC Environment

ENVIRONMENTAL PROTECTION
355 VICTORIA STREET
NELSON, B.C.
V1L 4K3

FACSIMILE FORM

TELEPHONE NO.: 604-354-6355

FAX NO.: 604-354-6367

DATE: Feb 25/94

FILE NO: ~~FA-5490~~

TO:

Bob Brown

PE-5594

FAX NO:

365-4401

FROM:

T. Klu

NUMBER OF PAGES INCLUDING THIS PAGE: 1

MESSAGE: Bob - Here is the Fees Calculation

New Permit - $3000 \text{ m}^3 \times 400 \text{ Kg/m}^3 \times 50^{\text{¢}}/\text{tonne} = \600 ANNUAL FEE

- Base Fee = $\$100 + \$600 \times \frac{1}{10}$ (APPLICATION) = $\$160$ TOTAL

FA-5490 - Base Fee = $\$100 + \text{Reduction from } 230 \text{ mg/m}^3 \text{ to } 117 \text{ mg/m}^3 = \100 TOTAL

PE-5594 - Base Fee = $\$100 + \text{Delete works} = \100 TOTAL

As Of: FEB 24, 1994 E Online: COMPANIES - CORPORATION SEARCH 94/03/03
Lterm: DYNPA603 For: PY29490 MINISTRY OF ENVIRONMENT, LANDS 14:15:15
Folio: Printer:

BC COMPANY

Name: POPE & TALBOT LTD.

Incorporation No: 0097568

Amalgamation Date: 31 DEC., 1970

Last Annual Report Date: 31 DEC., 1993

Nbr of Principals: 11

In Liq: NO Receiver: NO Reporting: NO

Previous Name : BOUNDARY FOREST PRODUCTS LTD.

Date of Change: 04 DEC., 1972

Registered Office: 17TH FLOOR 1075 W. GEORGIA ST.,
VANCOUVER BC
V6E 3G2

CS73 - PRESS ENTER FOR MORE INFORMATION

PF1-Help

PF2-BCOL

PF3-Return

PF7-Back

PF8-Forward

PF10-Print

As Of: FEB 24, 1994 BC Online: COMPANIES - CORPORATION SEARCH 94/03/03
Lterm: DYNPA603 For: PY29490 MINISTRY OF ENVIRONMENT, LANDS 14:15:33
Folio: Printer:

Records Office: 17TH FLOOR 1075 W. GEORGIA ST.,
VANCOUVER BC
V6E 3G2

Director: N Officer: Y
Dir/Off Name: DONALD R. BERRY
Position: ASS'T SECRETARY
Address: 155610 NW RIDGETOP LANE
BEAVERTON, OREGON
97006

Director: N Officer: Y
Dir/Off Name: DENNIS E. BUNDAY
Position: ASS'T SECRETARY
Address: 4245 SW COMUS STREET
PORTLAND, OREGON
97219

CS73 - PRESS ENTER FOR MORE INFORMATION

PF1-Help PF2-BCOL PF3-Return PF7-Back PF8-Forward PF10-Print

REGIONAL PRIORITY RATING SYSTEM

Category of Project Being Rated (eg. processing, contaminated site, etc.) P

Project or Issue Being Rated: PE-5594 PFT - Castlegar

Total Points (from page 2): 48
(Possible range 42 to 126)

Processing Workload Rating (from page 2): 2
(Low = 1, Moderate = 2, High = 3)

Human Health

[High= 3; Moderate= 2; Low= 1]

| | |
|--|-----------|
| 1. Quantity of discharge or spill/leak | <u>1</u> |
| 2. Toxicity or hazard of parameter(s). | <u>1</u> |
| 3. Persistence of parameter(s). | <u>1</u> |
| 4. Assimilative capacity of receiving environment. (High= 1; Moderate= 2; Low= 3) | <u>1</u> |
| 5. Potential for human exposure. | <u>1</u> |
| 6. Probability of effects occurring now (urgency) | <u>1</u> |
| 7. Global issues involved. | <u>1</u> |
| 8. Complaints/Public concern. | <u>1</u> |
| Total = | <u>8</u> |
| Total x 3 = | <u>24</u> |

(Possible range 24 to 72)

Pope + Talbot - Castlegar.
- oil separator ←
- yard runoff. ←

Ecological Sustainability

[High= 3; Moderate= 2; Low= 1]

- | | |
|---|----------|
| 1. Quantity of discharge or spill/leak | <u>1</u> |
| 2. Toxicity or hazard of parameter(s). | <u>2</u> |
| 3. Persistence of parameter(s). | <u>2</u> |
| 4. Assimilative capacity of receiving environment. (High= 1; Moderate= 2; Low= 3) | <u>1</u> |
| 5. Effects (real or potential) on valued ecosystem component (fish, wildlife, waterfowl, agriculture, forestry, recreation, etc.) | <u>2</u> |
| 6.. Need to act now to reduce substantial long-term effects. | <u>1</u> |
| 7. Probability of effects occurring now (urgency). | <u>1</u> |
| 8. Global issues. | <u>1</u> |
| 9. Complaints/public concern. | <u>1</u> |

Total = 12Total x 2 = 24
(Possible range 18 to 54)Grand Total = 48
(Possible range 42 to 126)**Processing Workload Estimate**

| | | |
|----------|--------------------|-----|
| Low | (< 15 hours) | = 1 |
| Moderate | (15 hrs to 40 hrs) | = 2 |
| High | (> 40 hours) | = 3 |

Workload Rating = 2



File: PR 01881
PA 05490
PE 05594
PR 11049

May 26, 1995

Pope and Talbot Ltd.
Castlegar, B.C.
V1N 3H8

Attention: R. L. Brown, Industrial Relations Manager.

Subject: Participation in CRIEMP

Dear R.L. Brown:

As per our discussion earlier today on the telephone, on behalf of CRIEMP, I would like to invite Pope and Talbot to become a member of the CRIEMP Coordinating Committee. CRIEMP, or the Columbia River Integrated Environmental Monitoring Program, has been in existence since 1990. The group has consisted of representatives from BC Environment, Celgar, Cominco, Environment Canada, the Department of Fisheries and Oceans, BC Hydro and the cities of Castlegar and Trail.

There are potentially many benefits to be gained by Pope and Talbot becoming a CRIEMP member, not the least of which is better communication with other agencies and industries who have a vested interest in the environmental quality of the river. The CRIEMP group also provides the means by which monitoring can be conducted on the river in a more cost effective manner, through collaboration with and sharing resources between other industry or agency monitoring programs. There could be some real benefits to Pope and Talbot from both a technical and financial perspective through CRIEMP, in the remediation of Columbia River foreshore areas.

The group undertook a fairly intense monitoring program on the Columbia River in 1991-93 and now we have completed the final documents. I have enclosed copies of those reports since they will give you far more detail of CRIEMP's background and the results of the 91-93 Program.

In a recent meeting, the CRIEMP members reaffirmed their commitment to communicate the results of the 91-93 Program and educate the local residents on issues and on-going studies relating to the river this fall. We also have agreed

to extend the life of the committee for another 5 year period since the Memorandum of Understanding, under which we operate, expires at the end of this year. I have attached a copy of the original agreement for your perusal. The amendment to extend the life of CRIEMP to December 31st 2000, will be in the form of a letter that all parties fully agree to and sign. If Pope and Talbot wish to become official members of the CRIEMP Coordinating Committee then we would amend the MoU accordingly. We have also approached West Kootenay Power and will be similarly approaching the Columbia Basin Trust.

I look forward to adding Pope and Talbot to our membership and hope that we hear from you in the very near future. Since I will be on leave for the next month or so I ask that you contact Bonnie Antcliffe, DFO, the Coordinating Committee Chair at 666-2210.

Yours truly,



Julia Beatty Spence, R.P.Bio.
Environmental Section Head
Kootenay Region
(BC Environment CRIEMP Member)

:mh

cc: Bonnie Antcliffe, DFO, Vancouver
Ed Stockerl, EP, Nelson



POPE & TALBOT LTD.

(A subsidiary of Pope & Talbot Inc., Portland, Oregon)
BOX 2000, CASTLEGAR, B.C., V1N 4G4

Phone 604-365-4400
Fax 604-365-4401

ENVIRONMENTAL PROTECTION

MAY 27 1992

NELSON, B.C.

May 25, 1992

Mr. Roger Crozier
Manager
Environmental Protection
617 Vernon Street
Nelson, B.C.
V1L 4E9

Dear Mr. Crozier

Re: Permit Numbers AS 8313 Special Waste Storage
PA 5490 Cyclone Emissions
PE 5594 Effluent Discharge
PR 1881 Open Burning

Pope & Talbot Ltd., Canadian head office address Box 39, Grand Forks, B.C. V0H 1H0 purchased Westar Timber Ltd., Southern Wood Products Operation effective April 16, 1992.

Is it possible to amend existing permits issued under Westar to reflect new ownership as being Pope & Talbot Ltd., Castlegar Division, Box 2000, Castlegar, B.C. V1N 4G4.

Contact person will be Robert L. Brown, Industrial Relations Manager, telephone number 365-4400, fax 365-4401.

Yours truly

Robert Coutts
Resident Manager

RTC:RLB:mjb

APPLICATION WORK FORM

APPLICANT (name and address)

or WORK ORDER ☐

Pope + Talbot Ltd.

FILE No.

PE-05594

APPLICATION DATE

Apr. 7 1992

APPLICATION RECEIVED

Apr. 7 1992

REGION

Kootenay

PROCESSING OFFICE CODE

40

SECTION

Industrial

ASSIGNED WM OFFICER

T. Kinrade

AGENT (name and address if appointed)

17th Floor, 1075 West Georgia Street
Vancouver, B.C. V6E 3G2.

OPERATION DESCRIPTION

Sawmill & Planning Mill Prod.

LOCATION DESCRIPTION

Castlegar.

INDUSTRY CODE

2512

PRODUCTION CAPACITY

660 mfbm/day

ADMINISTRATIVE CHECK LIST:

1. APPLICATION SIGNED

☒

2. APPLICATION DATED

☒

3. RECEIVED WITHIN 15-DAY LIMIT

☒4. AGENT AUTHORIZATION COMPLETED
(if appointed)

N/A

5. APPLICATION FEE PAYMENT (if applicable)

RECEIVED

AMOUNT

N/A.

ADMINISTRATIVELY ACCEPTABLE
AS APPLICATION:

See

PRELIMINARY TECHNICAL CHECK LIST:

1. LAND DESCRIPTION ADEQUATE

☒

2. DESCRIPTION OF SOURCE

☒3. TYPE AND CHARACTERISTICS
OF DISCHARGE☒

4. QUANTITY OF DISCHARGE

☒

5. ADDITIONAL INFORMATION

☒6. APPLICATION FEE PAID IN FULL
(if applicable)

N/A

TECHNICALLY ACCEPTABLE
AS APPLICATION:

E. Kish

PROCESSING SCHEDULE:

1. CIRCULATED TO AGENCIES BY

19

2. PROOF OF PUBLISHING BY

19

3. FINAL OBJECTIVE DATE

19

4. SITE INVESTIGATION DATE

19

5. TARGET RESUME DATE

19

6. TARGET DECISION DATE

19

PUBLISHING REQUIREMENTS:

1. PUBLISHING OR POSTING

☐ Required☒ Not Required

(a) BRITISH COLUMBIA GAZETTE

(b)

(c)

(local papers or post office)

2. PERSONAL SERVICE

☐ Required☒ Not Required

To:

92/10/30

Date

[Signature]

(Regional Waste Manager)

CIRCULATION INSTRUCTIONS:

N/A

☐ E.P. OF ENVIRONMENT OF CANADA☐ REGIONAL DISTRICT OF☐ HEALTH☐ FISH AND WILDLIFE REGIONAL OPERATIONS☐ WATER MANAGEMENT BRANCH☐ AGRICULTURE AND FISHERIES☐ MINES (TAILINGS POND)☐ APPLICANT (TAILINGS POND)☐ CONCERNED PERSONS☐ OTHERS (SPECIFY)

DETERMINED BY

See

DATE

May 21/92

MINOR PERMIT

Name Change

☐ Publish Manager's Decision

AMENDMENT IMPOSED BY MANAGER

☐ Publish Decision☐ Notify Permittee

LAWSON LUNDELL
LAWSON & M^CINTOSH

BARRISTERS & SOLICITORS

April 7, 1992

BY FAX (354-6367)

Mr. Terry Kinrade
Ministry of Environment, Lands and Parks
Waste Management Branch
617 Vernon Street
Nelson, B.C.
V17 5J5

1600 CATHEDRAL PLACE
925 WEST GEORGIA STREET
VANCOUVER, BRITISH COLUMBIA
CANADA V6C 3L2

TELEPHONE: (604) 685-3456
FACSIMILE: (604) 669-1620
DIRECT LINE: 631-9108

Dear Mr. Kinrade:

Waste Management Permits described in Schedule A
(the "Permits")

Further to our conversation yesterday, I confirm that our client Westar Timber Ltd. is, together with its affiliate Westshore Terminals Ltd., transferring the Southern Woodlands Operations of Terminals, including the Castlegar sawmill, related woodlands operations and the Permits, to Pope & Talbot Ltd.

As discussed, in order to complete this transaction, I would appreciate your written confirmation that upon receipt of notification that the transfer of the Southern Woodlands Operations to Pope & Talbot Ltd. has been completed and upon receipt of a request for the reissuance of the Permits, the Permits will be reissued in the name of Pope & Talbot Ltd. I understand from our conversation that the reissuance of the Permits may be subject to your Branch's satisfaction that the operations to which the Permits relate will be carried on by Pope & Talbot Ltd. in substantially the same manner as at present.

Should you have any questions or comments, please do not hesitate to contact me at 631-9108. I would also appreciate your response as soon as possible, as we intend to complete the above transaction. on April 14, 1992. Many thanks for your assistance.

Yours very truly,


David Allard

DAA/tlm
Enc.

108.51188FIV.MP5

AFFILIATED WITH:
TORY TORY DESLAURIES & BINNINGTON - TORONTO
DESJARDINS DUCHARME - MONTREAL
MEMBER OF THE INTERNATIONAL PARTNERSHIP: TORY DUCHARME LAWSON LUNDELL - LONDON - HONG KONG

SCHEDULE AWaste Management Permits(a) Landfill Permit

Permit No. PR-1881 issued to Westar Timber Ltd. on April 25, 1973 and amended on May 27, 1981, July 15, 1988, April 24, 1986 and December 15, 1988.

(b) Effluent Discharge Permit

Permit No. PE5594 issued to Westar Timber Ltd. on February 5, 1980 and amended on February 18, 1985.

(c) Air Discharge Permit

Permit No. PA-5490 issued to Westar Timber Ltd. on September 6, 1979 and amended on February 26, 1985.



Province of
British Columbia

BC Environment

Environmental Protection
Kootenay Region
617 Vernon Street
Nelson, British Columbia
V1L 4E9

TELEPHONE NO. 604-354-6355

FAX. NO. 604-354-6367

DATE: April 8, 1992

FILE NO: PR-1881

FACSIMILE FORM

TO: David Allard
Lawson Lundell
925 W. Georgia
Vancouver

FAX NO: 669-1620

FROM: T. Kinrade
Environmental Protection
Nelson

NUMBER OF PAGES INCLUDING THIS PAGE: 3

MESSAGE:

Re: Westar Waste Permits Kootenay Region

Attached is a copy of a letter sent to Pope & Talbot's lawyers from our industrial section head. All the info you require should be in that letter. Call me if you have any other concerns.



Your File: POP6477

Date: April 6, 1992

Russell and Dumoulin
1500-1075 West Georgia Street
Vancouver, BC
V6E 3G2

Attention: Mr. John Smith

FAXED
April 7/92
9

RE: STATUS OF WESTAR SAWMILL PERMITS CASTLEGAR BC

With regard to your request, the following is the current status of the Westar Sawmill:

AS-8313 Storage of PCB Containing Wastes

Westar Timber applied for a permit for the storage of PCB wastes on August 25, 1989. The site has been inspected on several occasions and deficiencies identified that must be corrected prior to permit issuance. For additional information contact Ed Stockerel at 354-6355.

PR-1881 Landfill Site

This permit requires the company to recycle as much as possible of the wastes generated at the mill. The recovery of energy values associated with hog fuel generated in the process of sawing logs into lumber is a specific concern. The actual operation of the landfill area has been acceptable in the past year.

PA-5490 Air Emissions

This permit needs minor changes to reflect modifications to the mill that were made in recent years. These changes can be done when the permit is amended to change the name of the operator.

PE-5594 Effluent Discharges

Permit needs amending to reflect changes that have been made in the mill in recent years.

Log Sort Areas and Booming Grounds on the Arrow Lakes

Westar Timber had applied for Approvals (short term waste disposal permits of 15 months) for 19 sites on the Arrow Lakes. To date no Approvals have been issued pending the sale of this company and a decision as to which sites are priority sites for use. For sites that are expected to be in use for several years Permits are required rather than Approvals. Further negotiations with the new owners is required. The contact person is Virginia Stanford at 354-6355.

Recent Spill of Diesel Oil

The circumstances of this situation are such that the Ministry is currently carrying out an investigation. For additional information contact the investigating officer Barry Farynuk at the Conservation Officer Service in Castlegar at 365-8522.

It is suggested that once the sale of this plant is complete a joint inspection of the site be done by both company and Ministry staff. Contact Mr Terri Kinrade to arrange such a tour.

Yours truly

Carl Johnson
Industrial Section Head
Nelson



RUSSELL & DUMOULIN

BARRISTERS & SOLICITORS • PATENT & TRADE-MARK AGENTS

File No. POP-6477

Direct Line: 631-4711

11:00
1075 W. GEORGIA
VANCOUVER
BRITISH COLUMBIA
CANADA V6E 3G2

BY TELECOPIER

April 6, 1992

Ministry of Environment
Waste Management Branch
617 Vernon Street
Nelson, B.C. V1L 4E9

FAX
(604) 631-3232
TELEPHONE
(604) 631-3131

Attention: Regional Manager

REPRESENTED IN
HONG KONG

Dear Sirs:

**RE: WESTAR TIMBER LTD. ("WESTAR") and
WESTSHORE TERMINALS LTD. ("WESTSHORE")**

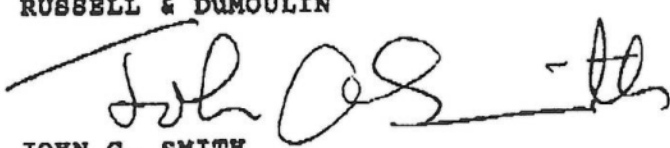
We act for Pope & Talbot Ltd. which is in the process of acquiring certain assets of Westar and Westshore, namely the Castlegar Mill, TFL No. 23 and the associated assets. Please advise us as to whether or not Westar and Westshore are in conformity with all applicable waste management regulations with respect to the Castlegar Mill, TFL No. 23 and the associated assets.

We also request your advice as to whether or not there have been or will be issued any written orders or requests with respect to Westar or Westshore due to non-conformity with applicable regulations. If any such orders or requests have been or will be issued, we request that you outline to us the exact nature of the problem or problems to which they have been or will be directed. We are particularly concerned with the recent oil spill at the millsite.

I would appreciate it if you would fax the information requested to my attention as soon as possible.

Yours very truly,

RUSSELL & DUMOULIN


JOHN G. SMITH

JGS/lts

POP6477.122

A Member of

Borden•DuMoulin•Howard•Gervais
VANCOUVER CALGARY TORONTO MONTREAL

LAWSON LUNDELL LAWSON & McINTOSH

1600 Cathedral Place
925 West Georgia Street
Vancouver, B.C.
Canada
V6C 3L2

Tel: (604) 685-3456

Fax: (604) 669-1620

From: David Allard

To: Terry Kinrade
Ministry of Environment, Lands and Parks
Waste Management Branch

Fax: 354-6367

FAX TRANSMISSION

Date: April 7, 1992

Total Pages: 3

Operator: Tricia

If you do not receive all pages
please telephone immediately

Direct Line: 631-9108

PR-1881
PE-5594
PA-5490

ORIGINAL WILL:

() follow by mail

() follow by courier

(✓) be held on file

THIS FACSIMILE MESSAGE CONTAINS CONFIDENTIAL INFORMATION INTENDED ONLY FOR THE USE OF THE INDIVIDUAL OR ENTITY NAMED ABOVE. ANY DISSEMINATION, DISTRIBUTION, OR COPYING OF THIS COMMUNICATION BY ANYONE OTHER THAN THE INTENDED RECIPIENT IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE IMMEDIATELY NOTIFY US BY TELEPHONE, AND RETURN THE ORIGINAL MESSAGE TO US AT THE ABOVE ADDRESS. THANK YOU.



Province of
British Columbia

Ministry of
Environment

Waste Management Branch
Kootenay Region
310 Ward Street
Nelson
British Columbia
V1L 5S4
Telephone: (604) 354-6355

OCT 06 1989

YOUR FILE

PR-1881

OUR FILE

PA-5490

PE-5594

AS-8313

Mr. Roy Helmke
Mill Manager
Southern Wood Products
Box 850
Castlegar, B.C.
V1N 3H8

Dear Sir:

Environmental and Permit Assessment

In order that you become aware of the situation as it pertains to the different areas of your mill under a Waste Management permit, I will update you on a permit by permit basis:

PR-1881

This permit covers the landfill site and the controlled open burning of non-recoverable woodwaste; specifically, demolition material. Improvements to this site and to the recycling system have been ongoing for the last six months due to pressure from the Waste Management Branch and a greater awareness by mill staff. Rob Parisotto has been my contact during the last two months and he is directing the contractor during the present clean-up initiative. Future burns at this site will depend on the type of material being burned and the base on which the fire is being built. The status of this permit is in compliance for the third quarter of 1989.

PA-5490

This permit covers three cyclones, of which only two are now in use. Technically, therefore, the status is out of compliance for the third quarter of 1989, but this can be remedied by a minor amendment to PA-5490 which will be done by the Branch when time permits.

PE-5594

This permit is also out of compliance but is so because of the oil separator by-pass and the change in mill configuration which has not yet been incorporated into the permit. The amalgamation of all effluent discharges into one sump with an oil separator is being undertaken by Rob Parisotto and he is my contact for bringing this permit into compliance.

AS-8313

A permit application has been submitted for a Special Waste Storage site which you are currently operating. Deficiencies with this site have been pointed out to Bob Williams who has been the contact in this area. A copy of the last inspection report, done at the facility by Bob and myself, is attached. All requirements circled, as well as any outstanding item in the Special Waste Regulations must be addressed before a permit can be issued.

GENERAL

During the last 6 months the co-operation by Southern Wood Products with the Waste Management Branch has improved considerably. Consequently, many ongoing problems are starting to be solved and your staff are becoming more aware of the waste they are generating. However, the greatest challenge facing your operation now and for the future is the disposal of hog fuel.

As you are no doubt aware, the Regional Waste Manager for the Kootenay Region has stated that no woodwaste can be incinerated without energy recovery. In keeping with this, I have enclosed an article taken from the "Province" outlining proposals submitted to Hydro for power generation. A similar proposal is expected from your executive soon, since time is rapidly running out.

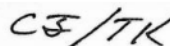
I have been in contact with Jim Cavaliero in this regard and have made some suggestions which may help ease the cost burden initially and buy some time in order to complete the waste to energy project. This would require the purchase of a suitable incinerator which would be the first stage of an energy recovery system and designed to operate independently until the rest of the project was completed. The heat generated could be used to warm buildings or vented to atmosphere, but all emissions must meet the most stringent guidelines specified by the Ministry of Environment.

I hope this will clarify our position with regards to your permits and initiate a dialogue with you in order to best deal with upcoming problems.

Yours truly,



T. Kinrade
Waste Management Officer



File No. 50-7301

1. Complaint:

364-4683(0)

Telephone No. 365-2528 (H)

Address of Complainant _

Nature of Complaint A large quantity of oil and oily water leaking from a series of pumps at the "pumphouse" at the Westar Sawmill in Castlegar is being discharged directly into the Columbia River. This is apparently a continuous, normal practice.

Received by: L. H. Jensen Referred to: T. Kinnick

2. Investigation:

Date Sept. 28

Action Taken *An inspection was done along with Rob Parisotto and an amalgamation of all drains was proposed and accepted by Weston.*

(Signed) F.K.

3. Follow-up:

1. Complainant notified by: Letter _____ Telephone _____

Date _____

2. Others Notified _____

3. Comments He was pleased

(Signed) _____

(Refer to Procedure Manual for definitions and more specific instructions)

Original to Complaint File

PERMIT INSPECTION FORM

PERMIT NO. PE-5594
INSP. DATE AUG.24/88

PERMITTEE: WESTAR TIMBER
LOCATION: CASTLEGAR

A. SAMPLES TAKEN: YES: NO: X
 SOURCES SAMPLED:

B. PERMIT COMPLIANCE IN: X OUT:
 REASON FOR NON-COMPLIANCE:

C. OBSERVATIONS AND COMMENTS:

No problems.

SIGNED: *T.K.*

PERMIT INSPECTION FORM

PERMIT NO. PE-5594
INSP. DATE MAY 3/88

PERMITTEE: WESTAR TIMBER LTD.
LOCATION: CASTLEGAR

A. SAMPLES TAKEN YES: NO: X
 SOURCES SAMPLED:

B. PERMIT COMPLIANCE IN: X OUT:
 REASON FOR NON-COMPLIANCE:

C. OBSERVATIONS AND COMMENTS:

No problems

SIGNED: 



MINISTRY OF ENVIRONMENT
WASTE MANAGEMENT BRANCH

Permit No. 125594
Date of Inspection Mar. 22/88

PERMIT INSPECTION

Permittee Western Timber
Location Castlegar

A. SAMPLES TAKEN YES ☐ NO ☒

Sources Sampled _____

B. OBSERVATIONS AND COMMENTS:

no problems

C. PERMIT COMPLIANCE IN ☒ OUT ☐

Based on Site Observations.

COMMENTS: _____

D. ACTION REQUIRED BY PERMITTEE: _____

Permittee or Representative's Signature

S.K.

For Waste Management

Regional Office Follow-up:

Original to File
Copy to Permittee



MINISTRY OF ENVIRONMENT
WASTE MANAGEMENT BRANCH

Permit No. PE 5594

Date of Inspection Jan 20/88

PERMIT INSPECTION

Permittee Wester Timber Lp.

Location Castlegar

A. SAMPLES TAKEN

YES ☐

NO ☒

Sources Sampled _____

B. OBSERVATIONS AND COMMENTS:

No problems or changes. The permit will
likely be cancelled once all the improvements
are made.

C. PERMIT COMPLIANCE

IN ☒ OUT ☐

Based on Site Observations.

COMMENTS: _____

D. ACTION REQUIRED BY PERMITTEE: _____

Permittee or Representative's Signature

J.R.
For Waste Management

Regional Office Follow-up:

Original to File
Copy to Permittee



MINISTRY OF ENVIRONMENT
WASTE MANAGEMENT BRANCH

Permit No. PE 5594
Date of Inspection Nov. 4/87.

PERMIT INSPECTION

Permittee Westar Timber
Location Castlegar

A. SAMPLES TAKEN YES ☐ NO ☒

Sources Sampled _____

B. OBSERVATIONS AND COMMENTS:

No change

C. PERMIT COMPLIANCE IN ☒ OUT ☐

Based on Site Observations.

COMMENTS: no problems

D. ACTION REQUIRED BY PERMITTEE: _____

Permittee or Representative's Signature

T.K.
For Waste Management

Regional Office Follow-up:

Original to File
Copy to Permittee



To: File

Date: October 13, 1987

File: PA-5490
PR-1881
PE-5594

Re: Meeting With Wade Zammit at Westar Mill on October 2, 1987

C. Johnson and T. Kinrade met with Wade Zammit on October 2, 1987 to discuss plans the Company had with regard to the handling of woodwaste in the future. Mr. Zammit outlined the following:

1. Sandwell Engineering were given a contract in July to look into the possibility of co-generation of power with West Kootenay Power and Light Company, utilizing hog fuel. This report is due out by the end of 1987. Weightometers are being put on the feed belts now to get a better idea of the amount of woodwaste being generated. If the benefits and costs are equal and Provincial or Federal money can be raised then the project has a good chance.
2. The hydraulic debarker will be discontinued by the end of 1987 which means that effluent will not be sent to the pulpmill after this period.
3. The dry kilns will use natural gas in the future but if power generation is of a large magnitude then electric kilns could be a possibility.

Mr. Zammit was told about the problems relating to the dump operation, namely:

- Too much easily burnable material was being placed in the dump area.
- The dump was on fire and could become a major problem at any time.
- The person doing the shake block cutting in the dump area was a potential hazard and should be moved to a better location.
- The amount of steel waste in the dump was causing "hot spots" which also promoted a dangerous situation. The area set aside for metal waste should be better utilized.

A tour of the facilities was conducted by Mr. Zammit who pointed out the renovations and future building sites.

Terry Kinrade
Technician



MINISTRY OF ENVIRONMENT
WASTE MANAGEMENT BRANCH

Permit No. PE 5594
Date of Inspection May 6/87

PERMIT INSPECTION

Permittee Wistar Timber
Location Castlegar

A. SAMPLES TAKEN YES ☐ NO ☒
Sources Sampled _____

B. OBSERVATIONS AND COMMENTS:
No change

C. PERMIT COMPLIANCE IN ☒ OUT ☐
Based on Site Observations.
COMMENTS: No problems

D. ACTION REQUIRED BY PERMITTEE: _____

Permittee or Representative's Signature S.H.
For Waste Management

Regional Office Follow-up:

Original to File
Copy to Permittee



MINISTRY OF ENVIRONMENT
WASTE MANAGEMENT BRANCH

Permit No. PE 5594
Date of Inspection Jan. 13/87.

PERMIT INSPECTION

Permittee Westar Timber
Location Castlegar

A. SAMPLES TAKEN YES ☐ NO ☒

Sources Sampled _____

B. OBSERVATIONS AND COMMENTS:

no problems arose during the period
between the last inspection and this one.
Therefore the discharge was not used
and all the water went to the Pulp
mill.

C. PERMIT COMPLIANCE IN ☒ OUT ☐

Based on Site Observations.

COMMENTS: _____

D. ACTION REQUIRED BY PERMITTEE: _____

Permittee or Representative's Signature

I. K.
For Waste Management

Regional Office Follow-up:

Original to File
Copy to Permittee



MINISTRY OF ENVIRONMENT
WASTE MANAGEMENT BRANCH

Permit No. 1E5594

Date of Inspection Dec. 15/86

PERMIT INSPECTION

Permittee Westar Timber

Location Castlegar

A. SAMPLES TAKEN

YES ☐

NO ☒

Sources Sampled _____

B. OBSERVATIONS AND COMMENTS:

The discharge water is still being diverted
to the woodroom and no upsets have taken
place.

C. PERMIT COMPLIANCE

IN ☒ OUT ☐

Based on Site Observations.

COMMENTS: The permittee is to advise the waste
Management Office if discharging occurs.
No discharge was reported.

D. ACTION REQUIRED BY PERMITTEE: _____

Permittee or Representative's Signature

A.R.
For Waste Management

Regional Office Follow-up:

Original to File
Copy to Permittee



MINISTRY OF ENVIRONMENT
WASTE MANAGEMENT BRANCH

Permit No. PE5594
Date of Inspection Sept. 19/86

PERMIT INSPECTION

Permittee Wester Timber
Location Castlegar

A. SAMPLES TAKEN YES ☐ NO ☒

Sources Sampled _____

B. OBSERVATIONS AND COMMENTS:

The water is continually being recycled
through the woodroom so no discharge
is taking place

C. PERMIT COMPLIANCE IN ☒ OUT ☐

Based on Site Observations.

COMMENTS: _____

D. ACTION REQUIRED BY PERMITTEE: _____

Permittee or Representative's Signature

T. K. K.
For Waste Management

Regional Office Follow-up:

Original to File
Copy to Permittee



To: File: PE-5594

Date: March 12, 1986

- Jim Swanson - Westar Timber
- Phoned to advise that the effluent line to the pulpmill wood clarifier plugged up (sanded up) on March 5, 1986 and as a result the sawmill discharge has been by-passing the clarifier and discharging directly to the Columbia River.
- Line will be repaired by March 12, 1986 (hopefully). Jim will phone to confirm completion of repairs.
- Jim was away on March 5 & 6 therefore this office was not advised of problem promptly as per the usual procedure.

J.A. Jensen
Environmental Safety Program Officer

JAJ:js



To: File: PE-5594

Date: March 12, 1986

- Jim Swanson - Westar Timber
- Phoned to advise that the effluent line to the pulpmill wood clarifier plugged up (sanded up) on March 5, 1986 and as a result the sawmill discharge has been by-passing the clarifier and discharging directly to the Columbia River.
- Line will be repaired by March 12, 1986 (hopefully). Jim will phone to confirm completion of repairs.
- Jim was away on March 5 & 6 therefore this office was not advised of problem promptly as per the usual procedure.

J.A. Jensen
Environmental Safety Program Officer

JAJ:js



MINISTRY OF ENVIRONMENT
WASTE MANAGEMENT BRANCH

Permit No. PE 5594
Date of Inspection Jan 14/86

PERMIT INSPECTION

Permittee Westar Timber Sawmill
Location Costigan

A. SAMPLES TAKEN YES ☐ NO ☒

Sources Sampled _____

B. OBSERVATIONS AND COMMENTS:

No problems have occurred since
the pump failed on Oct. 24/85. The
water is all going to the clarifier.

C. PERMIT COMPLIANCE IN ☒ OUT ☐

Based on Site Observations.

COMMENTS: _____

D. ACTION REQUIRED BY PERMITTEE: _____

Permittee or Representative's Signature

T.K.
For Waste Management

Regional Office Follow-up: _____

Original to File
Copy to Permittee



To: File

Date: October 24, 1985

File: PE-5594

Jim Swanson of Westar Timber - Southern Wood Products called to report that the effluent pump that normally pumps effluent to the pulpmill clarifier from the sawmill failed this morning due to a wet motor.

Effluent is being diverted to the Columbia River while the motor is repaired. Some bark and fines are in the effluent. Floatables are captured by the booms and will be recovered later.

Carl Johnson, P. Eng.
Head, Industrial Section

CJ/dd



MINISTRY OF ENVIRONMENT
WASTE MANAGEMENT BRANCH

Permit No. 1E5594
Date of Inspection July 17/85

PERMIT INSPECTION

Permittee Westar Timber Ltd.
Location Southlands Wood Division Castlegu

A. SAMPLES TAKEN YES ☐ NO ☒

Sources Sampled _____

B. OBSERVATIONS AND COMMENTS:

No problems have been observed since
the pump failed on July 4. The pump sending
the cooling water to the pulp mill was replaced
and the discharge to the river ceased.

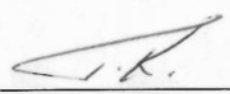
C. PERMIT COMPLIANCE IN ☒ OUT ☐

Based on Site Observations.

COMMENTS: _____

D. ACTION REQUIRED BY PERMITTEE: None

Permittee or Representative's Signature


For Waste Management

Regional Office Follow-up:

Original to File
Copy to Permittee

(1) AFTER WRITING REMOVE GREEN SHEET AND FORWARD THE BALANCE OF THE SET (INTACT)
 (2) WHEN REPLYING AFTER WRITING YOUR REPLY KEEP THE PINK SHEET FOR YOUR FILE, FORWARD WHITE SHEET

Q.P. 51595

TO *File* *PE-5594*

FROM

cf

SUBJECT *Effluent Pump Failure*

DATE

July 4, 1985☐ For Your Information☐ Please O.K. and Return☐ Please Discuss With Me☐ Per Your Request☐ For Your Signature☐ Please Process☐ Return With More Details☐ Investigate and Report☐ Please Answer☐ For Your File

Jim Swanson of Westar Timber Ltd, Southern Wood Products Division called at 4:00 PM to report that the main effluent pump which pumps barher water to the pump mill woodroom clarifier has failed.

A small volume of water is overflowing to the Columbia R. He was instructed to boom the area off to prevent floatables from entering the river. The pump will be repaired as soon as possible. The mill is down on the weekend.

cf.

DATE OF REPLY

SIGNATURE

WRITE YOUR REPLY AND RETURN THIS SHEET.

MEMOGRAM

REMOVE THIS SHEET AND FORWARD BALANCE OF SET (INTACT).

NOTICE OF MINOR AMENDMENTS TO PERMIT No.'s

**PA-5490, PE-5594
PR-1768 and PE-1273**

*Issued under the provisions of
the Waste Management Act
S.B.C. 1982 C.41, in the name
of Westar Timber Ltd.*

Take notice that a minor amendment to Permit No. PA-5490 for an air discharge located at Castlegar, B.C. has been issued. The amendment consists of a change of name from Canadian Cellulose Ltd. to Westar Timber Ltd. and deletion of a completed program of improvements requirement.

Take notice that a minor amendment to Permit No. PE-5594 for an effluent discharge located at Castlegar, B.C. has been issued. The amendment consists of a change of name from Canadian Cellulose Ltd. to Westar Timber Ltd. and inclusion of an oil separator in the works authorized.

Take notice that a minor amendment to Permit No. PR-1768 for a refuse discharge located at Castlegar, B.C. has been issued. The amendment consists of a change of name from Canadian Cellulose Ltd. to Westar Timber Ltd. and to authorize leachate collection and infiltration system.

Take notice that a minor amendment to Permit No. PE-1273 for a effluent discharge at Castlegar has been issued. The amendment consists of a change of name from Canadian Cellulose Ltd. to Westar Timber Ltd. and deletion of the requirement for chlorination of effluent prior to discharge.

A copy of the amended Permits may be viewed at the office of the Waste Management Branch, Ministry of Environment, 310 Ward Street, Nelson, B.C. V1L 5S4.

Dated at Nelson, B.C. this 6th day of March 1984.

**M.K. Baillargeon, P.Eng.
Regional Waste Manager**

CARD OF THANKS



Copyright

Copyright

IN MEMORIAM

Copyright



Copyright

Castlegar News

Mar 13/85



Province of
British Columbia

Ministry of
Environment

Waste Management Branch
Kootenay Region
310 Ward Street
Nelson, B.C.
V1L 5S4
Phone: 352-2211
Local 273, 305, or 339

YOUR FILE PA-5490
OUR FILE PE-5594
PR-1768
PE-1273

March 6, 1985.

Castlegar News,
Box 3007,
Castlegar, B.C.
VLN 3H4

Dear Sir:

Please publish the attached notice in the next issue of your newspaper.

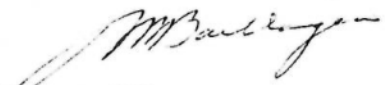
The appropriate location is in the legal notices section of your classified advertisements, and should be one column in width and in a type size and face consistent with your other classified ads.

The costs of advertising are to be invoiced to the Regional Waste Manager, Ministry of Environment, 310 Ward Street, Nelson, British Columbia, V1L 5S4.

Proof of publication, the full page on which the advertisement appeared (tear sheet), is to be sent IMMEDIATELY after publication to the Regional Waste Manager at the above address.

If you have any questions, please contact the undersigned.

Yours truly,


M.K. Baillargeon, P. Eng.
Regional Waste Manager.

Enclosure



YOUR FILE PA-5490
OUR FILE PE-5594
PR-1768
PE-1273

Notice of Minor Amendments to Permit No's PA-5490,
PE-5594, PR-1768 and PE-1273
Issued under the provisions of the Waste Management Act
S.B.C. 1982 C.41, in the name of
Westar Timber Ltd.

Take notice that a minor amendment to Permit No. PA-5490 for an air discharge located at Castlegar, B.C. has been issued. The amendment consists of a change of name from Canadian Cellulose Ltd. to Westar Timber Ltd. and deletion of a completed program of improvements requirement.

Take notice that a minor amendment to Permit No. PE-5594 for an effluent discharge located at Castlegar, B.C. has been issued. The amendment consists of a change of name from Canadian Cellulose Ltd. to Westar Timber Ltd. and inclusion of an oil separator in the works authorized.

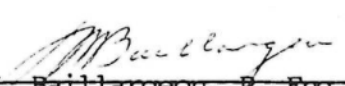
Take notice that a minor amendment to Permit No. PR-1768 for a refuse discharge located at Castlegar, B.C. has been issued. The amendment consists of a change of name from Canadian Cellulose Ltd. to Westar Timber Ltd. and to authorize leachate collection and infiltration system.

Take notice that a minor amendment to Permit No. PE-1273 for a effluent discharge at Castlegar has been issued. The amendment consists of a change of name from Canadian Cellulose Ltd. to Westar Timber Ltd. and deletion of the requirement for chlorination of effluent prior to discharge.

A copy of the amended Permits may be viewed at the office of the Waste Management Branch, Ministry of Environment, 310 Ward Street, Nelson, B.C. B.C. V1L 5S4.

Dated at Nelson, B.C. this 6th day of March 1984.

Yours truly,


M.K. Baillargeon, P. Eng.
Regional Waste Manager.

Enclosure

Province of British Columbia
Ministry of Environment
Waste Management

INITIAL PERMIT REVIEW

Permit No. PE 5594 in the name of WESTAR TIMBER

☒ issued FEB 5, 1980
☒ amended (latest) FEB 18, 1985

was reviewed by ☐ telephone ☒ meeting with WADE ZAMMIT
(name of permittee or agent)
located at CASTLEGAR on JAN 23, 1985
to ensure that the ☐ permittee ☒ agent

is cognisant of the permit and appendices.

The following Appendices: 01, _____, _____, _____, _____, _____, _____,
_____, _____, _____, _____, _____, _____, _____

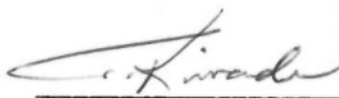
were reviewed with the permittee/agent and

- ☒ all aspects of the document were understood by the permittee/agent.
☐ the following concerns were expressed by the permittee/agent:

- (a) _____
(b) _____
(c) _____
(d) _____

Received by:

(Signature of Permittee/Agent)


(Signature of Waste Management Representative)

Regional
Office
Follow up

name change was all that was done
to the permit

Signature _____ Date _____, 19__



MINISTRY OF ENVIRONMENT
WASTE MANAGEMENT BRANCH

Permit No. PE 5594

Date of Inspection Jan. 23/85

PERMIT INSPECTION

Permittee Westar Timber - Calgary Sawmill

Location Castlegar

A. SAMPLES TAKEN YES ☐ NO ☒

Sources Sampled _____

B. OBSERVATIONS AND COMMENTS:

Mr. Wade Zammit conducted a tour of the sawmill works with concentration on the hydraulic debarker water and cooling water used. This water is pumped directly to the pulpmill for process and is no longer going into the Columbia River. No upsets have occurred during the last two years.

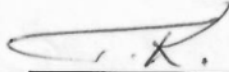
C. PERMIT COMPLIANCE IN ☒ OUT ☐

Based on Site Observations.

COMMENTS: All works seem to be in order

D. ACTION REQUIRED BY PERMITTEE: None

Permittee or Representative's Signature


For Waste Management

Regional Office Follow-up:

Original to File
Copy to Permittee

APPLICATION WORK FORM

APPLICANT

CANADIAN CELLULOSE COMPANY LIMITED

FILE No.

PE-5594

APPLICATION DATE

APRIL 19 1984

APPLICATION RECEIVED

APRIL 26 1984

PCB REGION

KOOTENAY

DIVISION/REGION

4

SECTION

INDUSTRIAL

ENGINEER

C. JOHNSON

ORDER DATE

19

(IF APPLICABLE)

Has P.C.B. been authorized to act as agent:

YES ☐ NO ☐

AGENT AND/OR MAILING ADDRESS

1176 West Georgia St
Vancouver, BC
V6E 4B7

REGISTERED DISCHARGE?

No. (s)

DESCRIPTION OF APPLICATION: DISCHARGE OF

FROM A

Sawmill

LOCATED AT

effluent
Castlegar, BC

LONGITUDE

° ' "

LATITUDE

° ' "

ADMINISTRATIVE CHECK LIST

1. APPLICATION SIGNED
2. APPLICATION DATED
3. RECEIVED WITHIN TIME LIMIT

PRELIMINARY TECHNICAL CHECK LIST

1. APPROPRIATE PLAN RECEIVED
2. LAND DESCRIPTION ADEQUATE
3. DESCRIPTION OF SOURCE
4. TYPE & CHARACTERISTICS OF DISCHARGE
5. QUANTITY OF DISCHARGE
6. ADDITIONAL INFORMATION

ADMINISTRATIVELY ACCEPTABLE AS APPLICATION

TECHNICALLY ACCEPTABLE AS APPLICATION

PROCESSING SCHEDULE

1. CIRCULATED TO AGENCIES BY N/A 19
3. FINAL OBJECTION DATE 19

2. PROOF OF PUBLISHING BY N/A 19
4. TARGET COMPLETION DATE 19

ADVERTISING REQUIREMENT -

- ☒ 1. PUBLISHING NOT REQUIRED DUE TO

Minor Amendments
- Name Change

- ☐ 2. PUBLISHING REQUIRED

- a) BRITISH COLUMBIA GAZETTE
- b)
- c)

RECOMMENDED BY

PROOF OF PUBLISHING RECEIVED

- a) 19 CHECKED
- b) 19 CHECKED
- c) 19 CHECKED

LAST PUBLICATION DATE 19

CHECKED BY

CIRCULATION INSTRUCTIONS -

- ☐ 1. DEPUTY MINISTER OF HEALTH
- ☐ 2. DEPUTY MINISTER OF RECREATION & CONSERVATION
- ☐ 3. DEPUTY MINISTER OF AGRICULTURE
- ☐ 4. COMPTROLLER OF WATER RIGHTS
- ☐ 5. REGIONAL DISTRICT OF
- ☐ 6. REGIONAL MANAGER/HEAD OFFICE
- ☐ 7. FEDERAL DEPARTMENT OF ENVIRONMENT
- ☐ 8. CHIEF ENGINEER, WATER INVESTIGATIONS
- ☐ 9. DEPUTY MINISTER OF MINES (TAILINGS POND)
- ☐ 10. DEPUTY MINISTER OF MINES
- ☐ 11. APPLICANT RE STABILITY TAILINGS POND

DETERMINED BY C. JohnsonDATE CIRCULATED May 1 19 84

CLERK

REFERENCE COPY



Westar Timber Ltd.

1176 West Georgia Street
Vancouver, British Columbia
Canada V6E 4B7

Telephone (604) 685-2452
Telex 04-53277

April 19, 1984

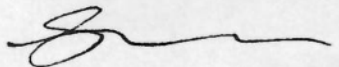
Regional Manager,
Ministry of Environment,
Waste Management Branch,
Kootenay Region,
310 Ward Street,
Nelson, B.C.
V1L 5S4

Dear Sirs:

Re: Westar Timber Ltd.

Please be advised that effective April 16, 1984, BC Timber Ltd. officially changed its name to Westar Timber Ltd. A copy of the Certificate of Change of Name is enclosed for your reference.

Yours very truly,
WESTAR TIMBER LTD.


G. Derek Gillis,
Associate Counsel

GDG:av
Encls.

PR-2395
PR-2704
PE-2705

1984
PA-2397
PA-3080
PE-1272
PE-1273
PR-1768
PR-1881
PE-5594
PA-5490



To: File PE 5594

Date: April 13, 1981.

Investigation of Oil Spill - Cancel Sawmill
Castlegar, B.C.

On April 9, 1981 after a item in the Nelson Daily News appeared, reporting an oil spill at the Celgar sawmill an investigation was carried out by C. Johnson and H. Auld.

A meeting was held with Mr. G. C. Dinning, mill manager and W. Miner the maintenance foreman to discuss the situation.

The pump which handles condensate from the kilns failed approximately four weeks previous to the reporting of the incident. Parts for the pump were not available locally and were ordered immediately by the maintenance department. The effluent which was discharged to the Columbia River contained a small (but unknown quantity) of heavy lubricating oil which adhered to the rocks and sand of the bank above the river. An unknown quantity of oil escaped to the river but an estimate of a total of 8 barrels of oil were lost based on oil consumption and reclamation. This effluent is normally pumped to the woodroom clarifier where any oil is absorbed by fiber or grit which is eventually disposed of to landfill or to the hog pile.

The primary oil removal unit (gravity separation assisted by baffles) continued to operate throughout the time the pump was out of commission.

The company was reminded again that incidents such as these are non-compliance with the permit and are potentially subject to legal action. It was stressed that it is imperative that notification be given to the local Waste Management Branch at any time when pollution control works need to be bypassed.

The company reported that the required parts for the pump had arrived on April 7 and the pump was operating by 4:00 p.m. April 8th as promised.

The company has also made the following commitments:

1. to clean up the area where the spill occurred by covering with clean gravel.
2. to order a complete pump rebuild kit to be kept in the warehouse.
3. to order a spare motor for the pump.
4. to check spare parts inventory and alternative pumping capacity as required for other pollution control works.
5. a meeting was held on April 9th with all shift maintenance supervisors to make them aware of the requirements of the Pollution Control Permits issued to the company and the responsibilities of supervisors.

6. as of April 9th plant security will check the pumps every 8 hours to ensure that they are operating and if not to call out a repair crew.
7. the company has a project under consideration to study the removal of oil from the steam prior to the kilns. This will have two benefits:
 1. will eliminate the oil in the condensate and
 2. provide better heat transfer in the kiln heating pipes.

A tour of the kiln area including the oil removal system and piping was carried out after the meeting. Figure 1 shows the layout of the condensate handling systems including the areas for potential discharge.

Recommendations

It is my recommendation that no further action is required as the company has made adequate commitments to maintain the works in the future.

The adverse publicity received by the company as a result of this incident has had a beneficial effect on the attitude of the company towards pollution control.



Carl Johnson, P. Eng.,
Engineer.

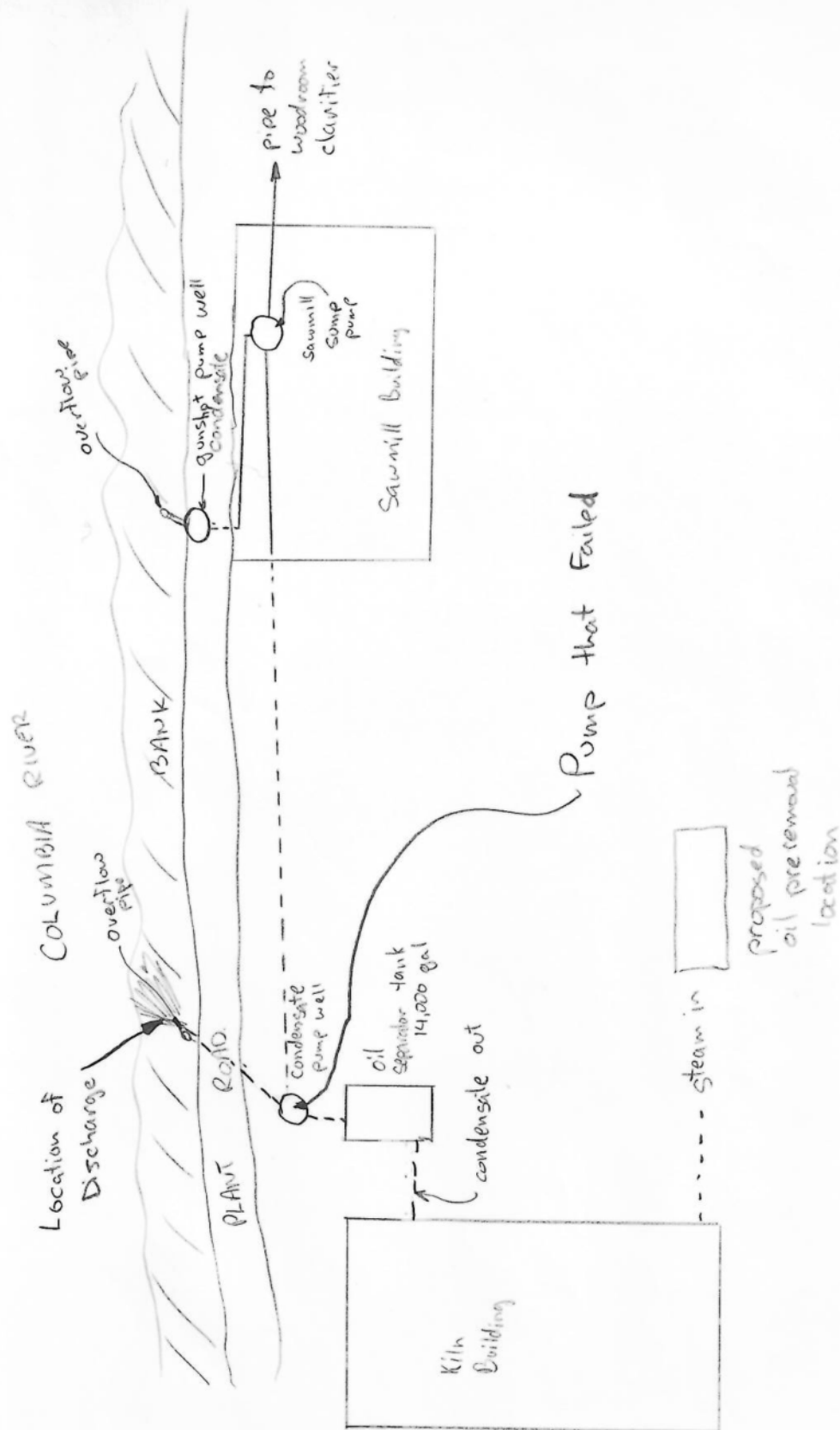
CJ/lk

bcgeu

Cellgar Condensate Handling System

Fig 1

Oil Spill March 1981



not to scale C. Johnson April 13 1981

Branch to investigate spill

By JIM SINCLAIR
News Staff Writer

Pump blamed for discharge

story at left.)

Daily News photo

New Daily News.

April 8/81

FILE:

DATE:

COMPLAINTS
WASTE MANAGEMENT
KOOTENAY REGION

1. COMPLAINT

DATE OF COMPLAINT April 7/81 TELEPHONE ☒ PHONE NO. 352-3556
VERBAL ☐
LETTER (ATTACHED) ☐

NAME & ADDRESS OF COMPLAINANT NELSON Daily NEWS
Jim Sinclair

COMPLAINT AGAINST (NAME & ADDRESS) CANCEL SAWMILL
CASTLEGAR

DATE OF OFFENCE ongoing

NATURE OF COMPLAINT oil discharge from oil recovery system onto / into
River - located in shed near River - has
been broken down for a month.

OTHER AGENCIES CONTACTED? YES ☐ NO ☐

COMMENTS -

2. ACTIONS TAKEN/INVESTIGATION

COMPANY CONTACTED - TELEPHONE ☒ DATE April 8/81
MEETING ☐
LETTER ☐ PERSON CONTACTED G. C. ~~Dinning~~ Dinning
(Mill Manager)

EXPLANATION Pump that pumps condensate from
the kiln dryers to the clarifier at the
pulp mill has been broken for about one
week. Expect to be repaired by 8:00 P.M. today.

RECOMMENDATIONS Mr. Dinning was unable to ~~give~~ estimate amount
of discharge to the Columbia R.

Another spill occurred on April 4/81 because of
a power failure for \approx 1 hour. ~~The pump house~~
~~was~~ ~~partially~~ ~~retained~~ This spill cut a channel
through the sand that had been put on the
original spill. The spill site will again be covered with

COMPLAINANT NOTIFIED BY LETTER? YES ☐ NO ☒ DATE
sand but will be covered with gravel to prevent
the erosion of the sand in case of future spills

SIGNATURE Neil Ald



CANCEL SAWMILL KILN CONDENSATE SPILL - APRIL 7/81 COMPLAINT





Canadian Cellulose Company, Limited

Corporate Office

1200-1111 West Hastings Street
Vancouver, B.C., Canada V6E 2K2
Telephone: (604) 685-2452
Telex: 04 53277 TWX: 610 922 6448/9

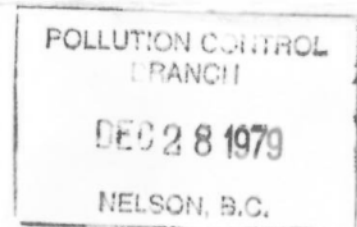
December 20, 1979

Pollution Control Branch
Ministry of the Environment
1106 Cook Street
Victoria, B.C.
V8V 1X4

Your File: 0262100-AE-5594

File

Attention: Mr. D.Y. Morrison, P.Eng.
Forestry Section
Industrial Division



Dear Sir:

Re: Application Pursuant to Pollution
Control Act on behalf of Canadian
Cellulose Company Limited, Castlegar
Sawmill, dated May 29, 1979.

The following is the status of the hydraulic barker effluent line at our Castlegar sawmill. This information was requested during our telephone conversation on December 18, 1979.

As discussed earlier, this line, which carries both bark and effluent from the sawmill hydraulic barker to the pulpmill woodroom, periodically plugs and when this occurs, bark is separated from the effluent and removed by truck from the sawmill while the effluent is discharged to the Columbia River at the sawmill. The frequency of plugging has increased since start-up of the new small-log sawmill.

Our Engineering Department has investigated the problem and concluded that the best solution would be to install a dry conveying system (i.e. belt or pneumatic conveyor) to carry bark to the pulpmill and to continue to utilize the pipeline to convey hydraulic barker effluent to the pulpmill screens and clarifier. These modifications are included in our 1980 Capital Budget and, subject to approval by our Board of Directors, should be completed by mid-1981.

...2

Mr. D.Y. Morrison
December 20, 1979
Page 2.

With regard to your question about an anti-stain system, I wish to confirm that we have no such system at our Castlegar sawmill.

Yours truly,

A handwritten signature in dark ink, appearing to read "L.R. Galloway". The signature is fluid and cursive, with a long horizontal stroke at the end.

L.R. Galloway, P.Eng.

cc: Mr. M.K. Baillargeon, P.Eng. ✓
Ministry of the Environment
Pollution Control Branch
310 Ward Street
Nelson, B.C.

G.C. Dinning

Corporate Office

Canadian Cellulose Company, Limited

1200-1111 West Hastings Street
Vancouver, B.C., Canada V6E 2K2
Telephone: (604) 685-2452
Telex: 04 53277 TWX: 610 922 6448/9

POLLUTION CONTROL
BRANCH

AUG 29 1979

NELSON, B.C.

Pollution Control Branch
Ministry of the Environment
1106 Cook Street
Victoria, B.C.
V8V 1X4

August 24, 1979

Your files: 0262100-AA-5490
0262100-AE-5594

Attention: Mr. D.Y. Morrison, P. Eng.
Forestry Section
Industrial Division

Re: Applications Pursuant to Pollution Control
Act on behalf of Canadian Cellulose Company
Limited, Castlegar Sawmill, dated February 26,
1979 and May 29, 1979.

Dear Sir:

This will confirm our telephone conversation this
morning regarding the above Applications.

1. With regard to the effluent permit application
(0262100-AE-5594), I have been advised by our Mill
Manager that the air compressor, from which the cooling water
discharge originates, is now utilized only as a stand-by unit.
This change in status results from the recent installation of
a new air-cooled compressor. Consequently, the water-cooled
air compressor is expected to be used only when the other air
compressors are down for maintenance and it is estimated that
the operating time for this unit will be a maximum of one week
per year. There is no cooling water discharged when the unit
is not operating. Consequently, we would request that "the
operating period during which the effluent will be discharged"
under Item 4 of the Application be changed from "continuous"
to "one week per year".

2. A revised supplementary Information Form 7 of 7 for our
air permit application (0262100-AA-5490) was forwarded
to you on August 20, 1979. Under Item 4 of this Form, the
rates of discharge were incorrectly stated in lbs/hour rather
than SCFM or mol/s. Please make the following changes:

...2

Pollution Control Branch
August 24, 1979
Page 2.

Item 4 (a) Maximum should read 0.62 mol/s rather than 40,000 lbs per hour at 28 p.s.i.; Item 4 (b) average daily based on daily operating period should read 0.21 mol/s rather than 320,000 lbs per day at 28 p.s.i. With regard to the installation of the oil separator, the Mill Manager anticipates that this can be installed within the next 12 months.

Yours truly,

A handwritten signature in dark ink, appearing to read "L.R. Galloway". The signature is fluid and cursive, with a long horizontal stroke at the end.

L.R. Galloway, P.Eng.

cc: Mr. M.K. Baillargeon, P.Eng.
Ministry of the Environment
Pollution Control Branch
310 Ward Street
Nelson, B.C.

G.C. Dinning



To: D.Y. Morrison, P. Eng.,
Victoria.

Date: June 29, 1979.
File: AE 5594

The attached sketch of the exhaust steam manifold at the Cancel sawmill in Castlegar was prepared subsequent to my mill visit of June 26, 1979, where I had a discussion with Mr. Miner, the maintenance superintendent.

The emission which I had labelled gunshot exhaust was in fact a 6" relief line from the 12" section of the header with a 6" back pressure valve set at 40 psig which opened when there was a pressure surge in the header, mainly caused by the gunshot carriage cylinders. The frequency of the relieving was about once per minute and it was quite wisy.

The PCB interest in this emission coupled with the complaints from the residents across the river about noise pollution caused the mill to install a 3" relief line at the west end of the header emerging above the roof of the last dry kiln. This line is equipped with a 3" back pressure valve set at 35 psig and with a silencer mounted on the roof. The line out of the silencer has a 90° ell on it and points south across the roof and away from the river.

The above installation has resulted in a steady, silenced emission from the 3" line and in a steady, much smaller and silent emission from the 6" line. The residents across the river have stopped complaining about the noise of the exhaust.

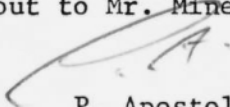
Mr. Miner plans to increase the size of the line at the end of the header to 6" and to exchange the 6" and 3" valves. This should result in eliminating the discharge at the east end of the header under normal circumstances. I advised Mr. Miner that we would require two more appendices in the application, one for the emission at the east end of the header and one for the emission at the west end.

With respect to the effluent from the sawmill I established the following:

1. The condensate from the dryers contains cylinder lubricating oil because the dryers are heated with exhaust steam from the header. Although this condensate goes through a gravity separator where approximately 3 barrels per week of oil are recovered nevertheless it still contains emulsified oil after leaving the separator. It is diluted with cooling water and with barker water and pumped by one vertical pump to the clarifier at the pulpmill. The vertical pump well has an overflow for emergency discharge to the river should the pump not be operative. This happens for about 4 hours per week.

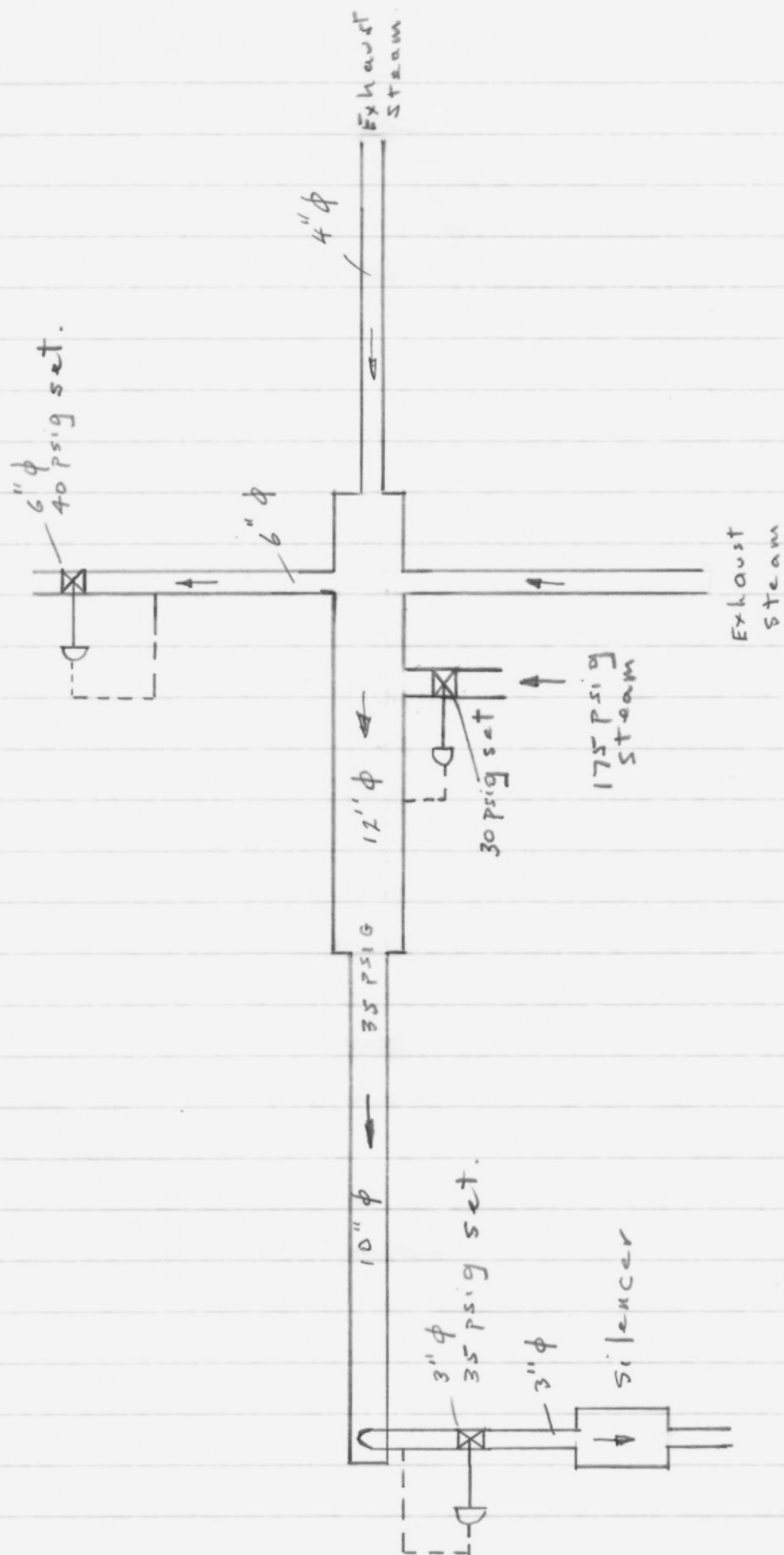
The above explains some of the oil and grease in the pulp mill effluent.

2. The cooling water discharge for which application for a permit has been made is the most westerly cooling water discharge and goes to the river because it is not connected to the deep well pump. The discharge line does not extend over the bank and into the river. It stops short of the edge of the bank and the cooling water forms a rivulet which carries sawdust etc. into the river. I pointed this out to Mr. Miner.


P. Apostoli, P. Eng.,
Engineer - Nelson.

CANCEL CASTLEGAR SAWMILL

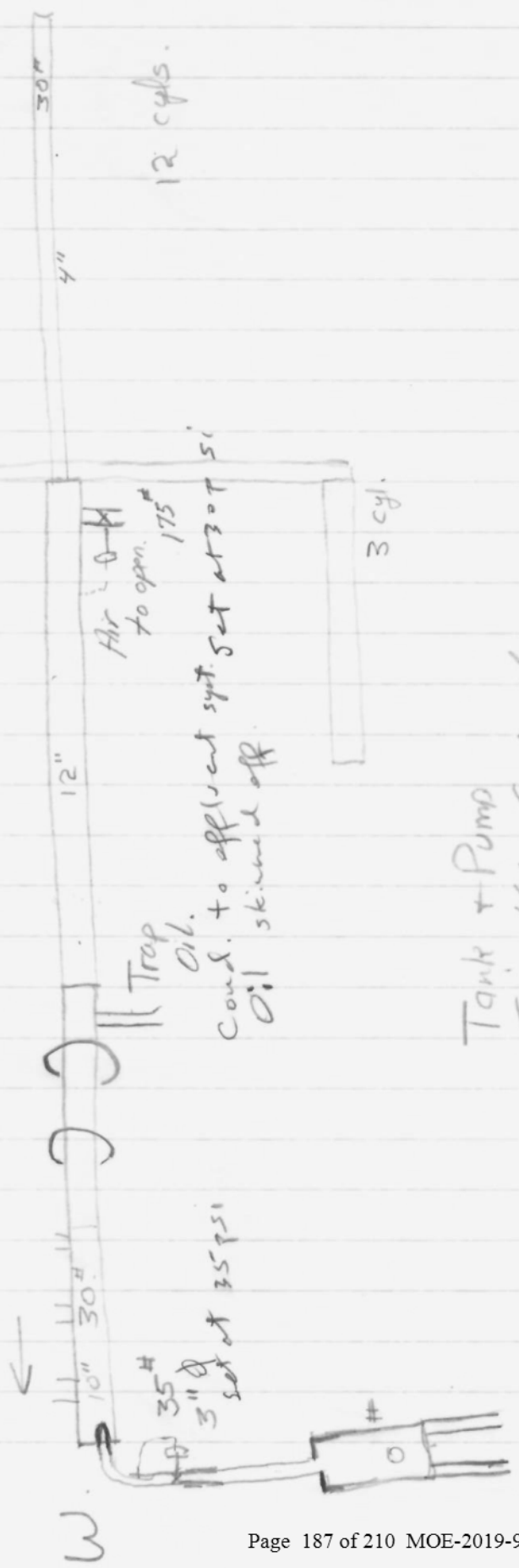
EXHAUST STEAM MANIFOLD



Propose exchanging 6" x 3" valves & enlarging new 3" discharge pipe.

AE 5-5-94

E



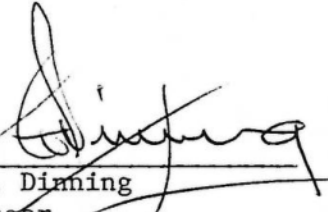
Tank + Pump
For High Condensate
Effluent System

TO: L.R. Galloway
FROM: G.C. Dinning
DATE: May 28, 1979
SUBJECT: POLLUTION CONTROL PERMIT (EFFLUENT)

Please find attached two (2) copies of the Application For a Permit under the Pollution Control Act and one copy of a site plan indicating the cooling water drain.

As discussed, please arrange to have this application filed with the Director of Pollution Control in Victoria.

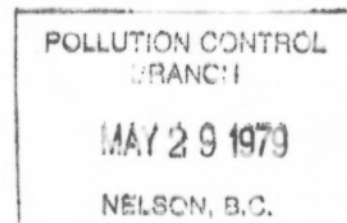
I have posted the original copy of the application on the notice board on the property.


G.C. Dinning
Manager
Interior Lumber Operations

GCD/cc

cc: Ministry of Environment
Pollution Control Branch
310 Ward Street
Nelson, B.C.

Attention: Mr. M.K. Baillargeon, P. Eng.



MINISTRY OF THE ENVIRONMENT
POLLUTION CONTROL BRANCH
REFERRAL SLIP

To: Reg. Manager - K

From D.M. Date _____

Location P.C. Div. Phone _____

For:

- | | |
|--|--|
| <input type="checkbox"/> Action. | <input type="checkbox"/> Note and file. |
| <input type="checkbox"/> Approval. | <input type="checkbox"/> Note and forward. |
| <input type="checkbox"/> Checking. | <input type="checkbox"/> Note and return. |
| <input type="checkbox"/> Comments. | <input type="checkbox"/> Prepare reply for my signature. |
| <input type="checkbox"/> Discuss with me. | <input type="checkbox"/> Reply direct. |
| <input type="checkbox"/> Draft reply. | <input type="checkbox"/> Return with drafted reply. |
| <input type="checkbox"/> Filing. | <input type="checkbox"/> See me. |
| <input checked="" type="checkbox"/> Information. | <input type="checkbox"/> Signature. |
| <input type="checkbox"/> Investigation and report. | <input type="checkbox"/> Your request. |
| <input type="checkbox"/> More details. | |

Remarks Publishing Required



Province of
British Columbia

Ministry of the

DEPARTMENT OF ENVIRONMENT
WATER RESOURCES

JUN 4 1979

POLLUTION CONTROL BRANCH

POLLUTION CONTROL
BRANCH

JUN 13 1979

NELSON, B.C.

Pollution Control Branch File No. AE-5594

APPLICATION FOR A PERMIT UNDER THE POLLUTION CONTROL ACT (Effluent)

THIS APPLICATION is to be filed with the Director of Pollution Control, 1106 Cook Street,
Victoria (City/Town), British Columbia, V8N 1A4 (Postal Code). Any person who qualifies as an objector under
section 13 of the *Pollution Control Act* may, within 30 days of the date of application, or within 30 days of the date of publication
in *The British Columbia Gazette* or in a newspaper, or where service is required, within 30 days of serving a copy of the application,
file with the Director at the above address an objection in writing to the granting of a permit, stating the manner in which he is
affected.

PREAMBLE—The purpose of this application is to obtain a permit under the provisions of
Section 5 (2) of the Pollution Control Act involving a discharge (Effluent)

1. I/We, Canadian Cellulose Company, Limited
(Full name—if a company, British Columbia registered name)
of 1200 - 1111 West Hastings Street, Vancouver, B.C. V6E 2K2
(Address—if a company, British Columbia registered address)
hereby apply to the Director for permit to discharge effluent from
a sawmill
(Type of operation causing effluent)
located Castlegar, B.C.
(General location) into
Columbia River
(Name of creek, river, lake, bay, inlet, etc.)
which flows East and discharges into
(Direction)
and give notice of my application to all persons affected.

2. The land upon which the works are located is Lot Nos. 13081, 5636, & 5053
Kootenay District
(Give legal description)

3. The discharge shall be located at the Canadian Cellulose Company, Limited property,
three miles west of Castlegar, B.C.
(Define relative to some surveyed or commonly known point)

4. The quantity of effluent to be discharged is as follows:
Average daily discharge (based on operating period) 30,000 Imp. Gallons
(litres, gallons, cubic metres)
Maximum daily discharge 57,600 Imp. Gallons
(litres, gallons, cubic metres)
The operating period during which the effluent will be discharged is
Continuous
(Continuous, hours per week, or date to date, etc.)

5. The characteristics of the effluent discharged shall be equivalent to or better than (insert values after completion
of column (3) of table (a) on reverse side) (See reverse)

6. The type of treatment to be applied to the effluent before discharge is as follows:
Nil

This application, dated on May 17, 1979, was posted on the ground in accordance with
the Pollution Control Regulations.

Canadian Cellulose Company, Limited

(PRINT name of applicant or agent)

Canadian Cellulose Company, Limited

ADDITIONAL INFORMATION

In support of the application the following information is submitted:

(a) The characteristics of the effluent before and after treatment are as follows:

| | (1) Before Treatment Average (Annual) | (2) After Treatment Average (Annual) | (3) After Treatment Maximum |
|--|---|--|-----------------------------------|
| Total suspended solids (mg./l.) | 15 | | * |
| Total solids (mg./l.) | 65 | | * |
| Biochemical oxygen demand (mg./l.)† | 2 | | * |
| pH range | 7.2 - 7.8 | | |
| Temperature range (degrees C) | 5 - 15 degrees | | |
| Faecal coliform bacteria (m.p.n. per 100 ml.) | | | (Log. mean) |

Toxic constituents:

| | Units | | |
|-----------------|-------|--|--|
| NH ₄ | () | | |
| | () | | |
| | () | | |
| | () | | |

Other relevant constituents:

| | Units | | |
|--|-------|--|--|
| | () | | |
| | () | | |
| | () | | |
| | () | | |

(b) Miscellaneous information:

~~This is mill water (from the Arrow Lakes) that is used only for cooling purposes.~~

* These values pertain to a composite sample collected over any operating day during the year.
† Five day 20°C (BOD).



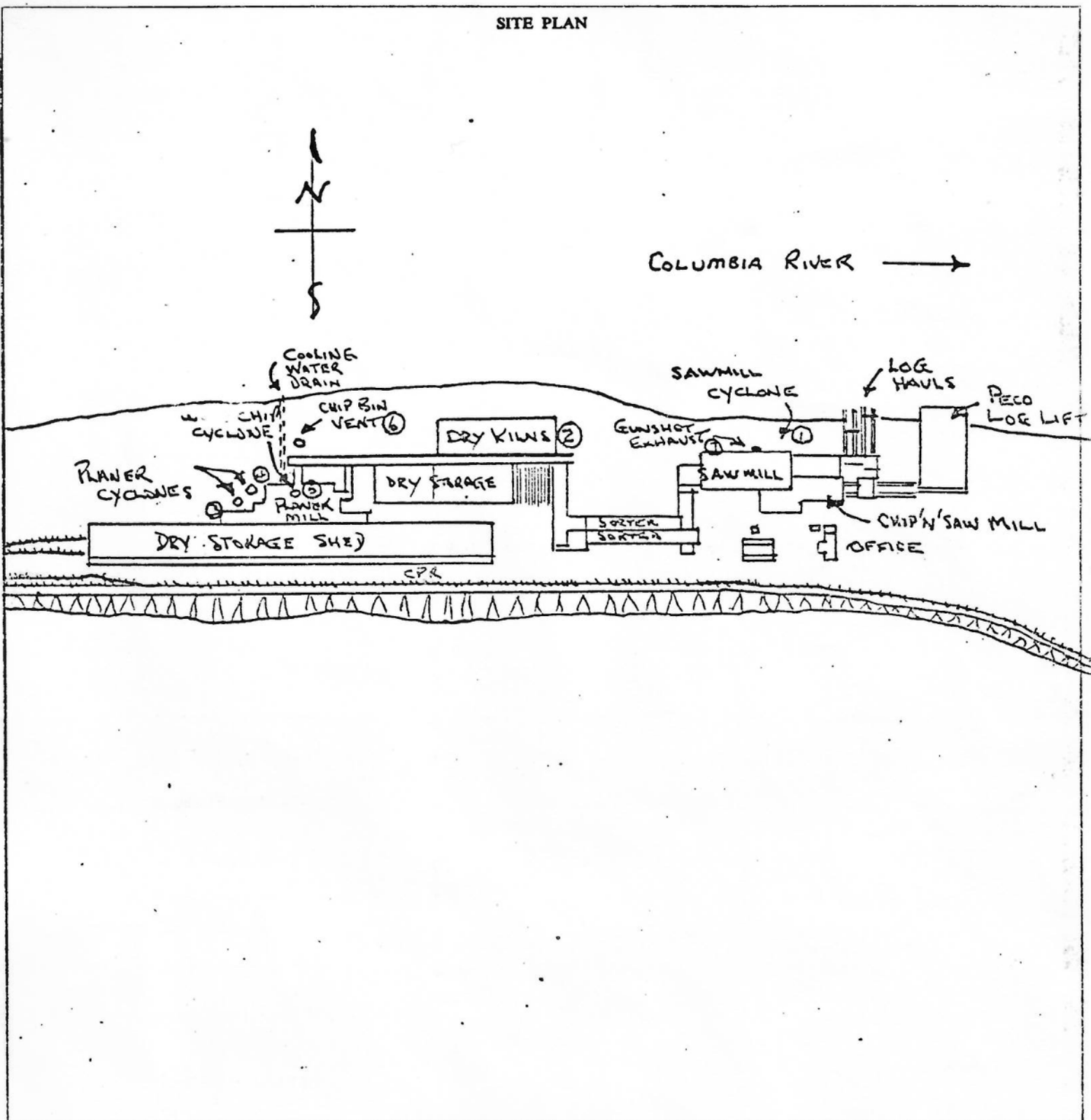
Province of
British Columbia

Ministry of the
Environment

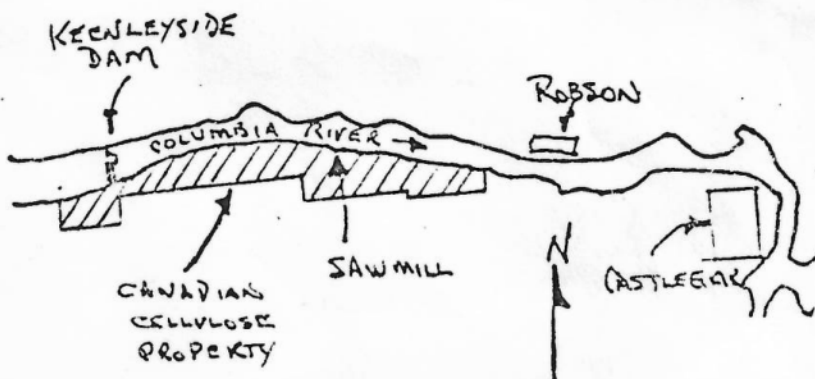
DEPARTMENT OF ENVIRONMENT
WATER RESOURCES
JUN 4 1979
POLLUTION CONTROL BRANCH

POLLUTION CONTROL BRANCH

SITE PLAN



LOCATION MAP
LOCATION MAP



CANADIAN CELLULOSE COMPANY LIMITED
(Name of applicant(s))
May 29, 1979
(Date)
(Signature of applicant(s) or agent)
(FOR OFFICE USE ONLY)

(Date issued) (Director of Pollution Control)

Appendix to Permit No.

Pre App C

April 25, 1979.

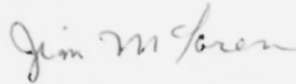
Mr. G.C. Dinning,
Mill Manager,
P.O. Box 850,
Castlegar, B.C.
VIN 3H8

Dear Mr. Dinning:

This will acknowledge your letter of April 19, 1979 committing the company to filing an application for a Pollution Control Permit (Effluent) by May 31, 1979.

Should you require assistance completing the necessary forms please contact this office.

Yours truly,



Jim McLaren,
Assistant Regional Manager.

JRM/lb

bcgau

c.c. Chief - Regional Division.

B.F. MAY 21/79.



Canadian Cellulose Company, Limited

Interior Lumber Operations

P.O. Box 850
Castlegar, B.C. V1N 3H8
Telephone: (604) 365-7211
Telex: 041 514 TWX: 610 943 8084

April 19, 1979

Ministry of the Environment
Pollution Control Branch
Kootenay Region
310 Ward Street
Nelson, B. C. V1L 5S4

Attention: M.K. Baillargeon, P.Eng.
Regional Manager


Dear Sir:-

Your letter of March 22nd, File Pre App C was forwarded to our Interior Pulp Operations and has come to our hand recently. The subject of your letter was the discharge of cooling water to the Columbia River.

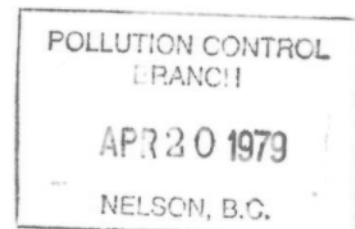
We regret that we will be unable to submit our application for a permit by April 22nd, 1979 and would request an extension to May 31st, 1979. As a matter of interest I discussed this with your Mr. McLaren by telephone recently.

May we have your concurrence of this extended deadline. Thank you.

Yours truly,


G.C. Dinning
Mill Manager

GCD/fs



TO

Paul / MKB

FROM

Jim McGowan
ARM

SUBJECT

Cancel Sawmill Pre App

DATE

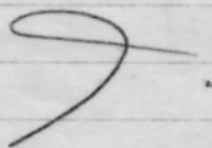
April 18/79

☐ For Your Information☐ Please O.K. and Return☐ Please Discuss With Me☐ Per Your Request☐ For Your Signature☐ Please Process☐ Return With More Details☐ Investigate and Report☐ Please Answer☐ For Your File

The Manager, Cancel Sawmill, called April 17/79
re: Notice to bring effluent discharges under the Act

Apparently these discharges were registered in 1970
but no application was ever made.

He is to advise before 30 Day deadline what action
is proposed by the company. Effluent applications
will follow at a later date.



DATE OF REPLY

SIGNATURE

RETAIN THIS COPY UNTIL REPLY RECEIVED THEN DESTROY.

EVERGREEN PRESS LIMITED — CARBON READY SETS
1075 S.E. MARINE DRIVE, VANCOUVER, B.C. V5A 2V4 253-2771
SALES OFFICE 660 HOMER STREET, VANCOUVER, B.C. V5B 2N8 660-1751
723 FORT STREET, VICTORIA, B.C. V8W 1G9 383-0831 - 383-8751

MEMOGRAM

REMOVE THIS SHEET AND FORWARD BALANCE OF SET (INTACT).



Canada Post
Postes Canada

Certificate of Registration

(This receipt is necessary if enquiry is desired)

Certificat de recommandation

(À produire en cas de réclamation)

Stamp of Firm

MAILED BY
Name of Firm

DÉPOSÉ PAR
Nom ou raison sociale

POLLUTION CONTROL
310 WARD STREET
NELSON, B.C. V1L 5S4

Date Stamp of Post Office

Timbre de la maison expéditrice

FRAGILE AND PERISHABLE ARTICLES
ARE NOT INDEMNIFIED AGAINST
DAMAGE

AUCUNE INDEMNITÉ NE SERA VERSÉE
POUR L'AVARIE D'UN OBJET FRAGILE
OU PÉRISSABLE

Timbre à date du bureau de poste

INDEMNITY and REGISTRATION FEES information is available on request at the Post Office.

Vous pouvez obtenir des renseignements sur les indemnités versées et les DROITS DE RECOMMANDATION en vous adressant à votre bureau de poste.

| NUMBER NUMÉRO | NAME NOM | Fee Droit | ADDRESS ADRESSE |
|------------------|--------------------|--------------|-----------------------------|
| 994 | J. GREENWOOD | 1 | R.R. #1, ELKO, B.C. V0E 1S0 |
| | CANADIAN CELLULOSE | 2 | P.O. Box 1000, CASTLEGAR, |
| | | 3 | B.C. V1N 3H9 PRE APP C |
| | | 4 | |
| | | 5 | |
| | | 6 | |
| | | 7 | |
| | | 8 | |



To be completed at
Office of Origin
Post Office of Mailing
Nelson BC
Bureau d'expédition
Date
22-3-79
Nom du destinataire
CANADIAN CELLULOSE CO. LTD.
C.p. n° de R.R. ou d'app. n° et rue
P.O. Box 1000
Country
B.C.
Pays
V1N 3H9
Postal CODE postal

Office of Destination
This advice should be signed by the addressee or his authorized representative or, if the regulations of the country of destination provide, by the postmaster at the office of delivery and returned by first mail to the address shown on the other side.
The above mentioned item was delivered on
Signature of Postmaster at Office of Delivery
Signature of Agent du bureau de destination
Signature of Addressee or his Authorized Representative
Signature of Addressee or his Authorized Representative
Bureau de destination
CET AVIS DOIT ÊTRE SIGNÉ PAR LE DESTINATAIRE ou son représentant ou, si le règlement du pays de destination le comporte, par l'agent du bureau de destination et renvoyé par le premier courrier à l'adresse indiquée au recto.
MAR 26 1979
MAR 23 1979
NELSON, B.C.
CASTLEGAR, B.C.
33-086-230 (8-75)

Sheet No.

Feuille n°

Number of Articles

Nombre d'objets

Accepted by

Accepté par



YOUR FILE
OUR FILE Pre App C

March 22, 1979.

DOUBLE REGISTERED

Canadian Cellulose Company Limited,
P.O. Box 1000,
Castlegar, B.C.
VIN 3H9

Gentlemen:

It has been brought to my attention that you are discharging cooling
water to the Columbia River

without a permit in contravention of the Pollution Control Act.

Please confirm in writing by April 22, 1979 what action you propose
to take in order to meet the requirements of the Act.

Please find enclosed blank application forms together with a letter of
instructions regarding requirements under the Pollution Control Regulations.
Also enclosed for your information is a copy of the Pollution Control Act.

You may be interested in an alternative procedure offered by the Minister
of Environment that Pollution Control Branch personnel may act as an agent
for an applicant in carrying out the initial steps in preparing his
application, notifying other agencies, and arranging for publication as
required under Division 2 of the Pollution Control Regulations.

If you wish to take advantage of this service or if you require any further
clarification or assistance in completing the application forms, please
contact the undersigned at 310 Ward Street, Nelson - telephone 352-2211,
local 305.

Yours truly,

M.K. Baillargeon, P. Eng.,
Regional Manager.

bcgeu
Encl.
c.c. Chief - Regional Division.





s.22





s.22













MAR 0 0 1998

File: PE-05594

REGISTERED MAIL

Pope & Talbot Ltd.
2100 - 1075 West Georgia Street
VANCOUVER BC V6E 3G2

Dear Permittee:

Enclosed is Permit PE-05594 issued under the provisions of the Waste Management Act. Your attention is respectfully directed to the conditions outlined in the permit. An annual permit fee will be determined according to the Waste Management 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. It is also the responsibility of the permittee to ensure that all activities conducted under this permit are carried out with due regard to the right of the third parties and comply with other applicable legislation that may be in force.

This decision may be appealed to the Environmental Appeal Board. Notice of the appeal must (1) be in writing, (2) include the grounds for appeal, (3) be directed by registered mail or personally delivered to the Chair, Environmental Appeal Board, 4th Floor, 836 Yates Street, Victoria, British Columbia, V8V 1X4, (4) be delivered within 30 days from the date notice of the decision is given, and (5) be accompanied by a fee of \$25, payable to the Minister of Finance and Corporate Relations.

For further information on the appeal process, please phone the Environmental Appeal Board at (250) 387-3464.

Administration of this permit will be carried out by staff from our Regional Office located at #401-333 Victoria Street, Nelson, British Columbia, V1L 4K3, (telephone: (250) 354-6355). Plans, data and reports pertinent to the permit are to be submitted to the Regional Waste Manager at Nelson, British Columbia.

Yours truly,

Carl Johnson, P.Eng.
Assistant Regional Waste Manager
Kootenay Region
TK/CJ/ikf

ENCLOSURE

cc: Pope & Talbot Ltd., Box 2000, Castlegar BC V1N 4G4

Ministry of
Environment,
Lands and Parks

Environment and Lands
Kootenay Region

Mailing/Location Address:
401 - 333 Victoria Street
Nelson BC V1L 4K3

Telephone: (250) 354-6333
Facsimile: (250) 354-6332
PP Facsimile: (250) 354-6367



MINISTRY OF ENVIRONMENT,
LANDS AND PARKS

**PERMIT
PE-05594**

Under the Provisions of the Waste Management Act

**POPE & TALBOT LTD.
2100 - 1075 WEST GEORGIA STREET
VANCOUVER, BRITISH COLUMBIA
V6E 3G2**

is authorized to discharge effluent to the COLUMBIA RIVER from a SAWMILL/PLANERMILL COMPLEX located in CASTLEGAR, British Columbia, subject to the conditions listed below. Contravention of any of these conditions is a violation of the Waste Management Act and may result in prosecution.

This permit supersedes and amends all previous versions of Permit **PE-05594**, issued under Part 2 Section 10 of the Waste Management Act.

1. AUTHORIZED DISCHARGES

1.1. This subsection applies to the discharge of effluent from a STORM WATER RUNOFF SYSTEM. The site reference number for this discharge is E230540.

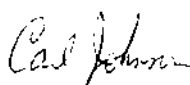
1.1.1. The maximum authorized rate of discharge is undetermined.

1.1.2. The characteristics of the discharge shall not exceed:

Typical storm water runoff.

1.1.3. The authorized works must be complete and in operation when discharge commences.

Date Issued: February 5, 1980
Date Amended:
(most recent) MAR 06 1998
Page: 1 of 3



Carl Johnson, P. Eng.
Assistant Regional Waste Manager

PERMIT: PE-05594

- 1.1.4. The authorized works are a storm water drain with a catch basin and culvert, 6 storm sewer discharges from the mill yard, 2 oil separators and related appurtenances approximately located as shown on attached Site Plan A.
- 1.1.5. The location of the facilities from which the discharge originates and the location of the point of discharge is Lot 1, Plan 17216, District Lot 4268, Land District 26, Kootenay District, PID 005-881-579, District Lots 5636, 5953, 7373 and 13028.
- 1.2. This subsection applies to the discharge of effluent from **5 DRY KILNS**. The site reference number for this discharge is E230541.
 - 1.2.1. The maximum authorized rate of discharge is undetermined.
 - 1.2.2. The characteristics of the discharge shall not exceed:

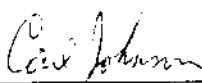
Typical lumber dry kiln effluent.
 - 1.2.3. The authorized works must be complete and in operation when discharge commences.
 - 1.2.4. The authorized works are a kiln condensate rock drain, and related appurtenances approximately located as shown on attached Site Plan A.
 - 1.2.5. The location of the facilities from which the discharge originates and the location of the point of discharge is Lot 1, Plan 17216, District Lot 4268, Land District 26, Kootenay district, PID 005-881-579, District Lots 5636, 5953, 7373 and 13028.

2. GENERAL REQUIREMENTS

2.1. Maintenance of Works and Emergency Procedures

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 approved method of pollution control, the permittee shall immediately take appropriate remedial action and shall notify the Regional Waste Manager or an Officer designated by the Regional Waste Manager.

Date Issued: February 5, 1980
Date Amended:
(most recent) MAR 06 1998
Page: 2 of 3



Carl Johnson, P. Eng.
Assistant Regional Waste Manager

PERMIT: PE-05594

2.2. Bypasses

The permittee shall ensure that no waste is discharged without being processed through the authorized works unless prior written approval is received from the Regional Waste Manager.

2.3. Process Modifications

The permittee shall have prior written approval from the Regional Waste Manager, prior to implementing changes to the authorized works or to any process that may affect the quality and/or quantity of the discharge.

2.4. Suspension

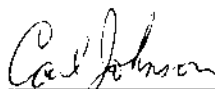
The permittee shall ensure that no discharge occurs from or in respect of the works authorized by this permit during any period of suspension under the Waste Management Act.

3. MONITORING AND REPORTING REQUIREMENTS

3.1. Discharge Monitoring

Visual monitoring of the discharges authorized by Sections 1.1. and 1.2. of the permit will be carried out by the Pollution Prevention Program staff as part of an ambient monitoring program for the entire mill operation. Based on these monitoring results, the permittee may be required to undertake source monitoring.

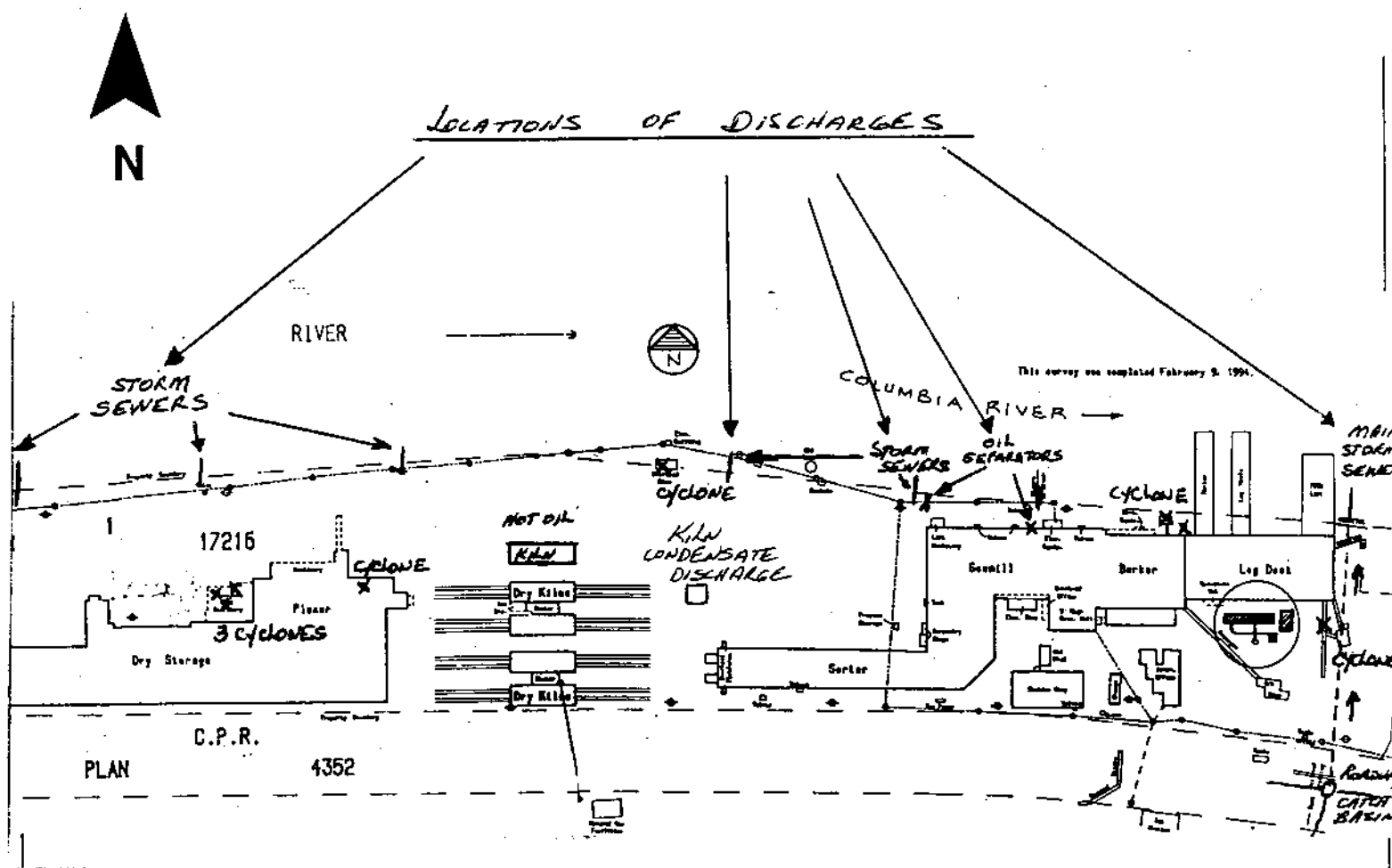
Date Issued: February 5, 1980
Date Amended:
(most recent) MAR 06 1998
Page: 3 of 3



Carl Johnson, P. Eng.
Assistant Regional Waste Manager

PERMIT: PE-05594

Site Plan A



LEGAL DESCRIPTION: Lot 1, Plan 17216, District Lot 4268, Land District 26, Kootenay District, PID 005-881-579, District Lots 5636, 5953, 7373 and 13028

Permit: PE-05594

Date Issued: February 5, 1980

Date Amended: MAR 06 1990
(most recent)

Assistant Regional Waste Manager:

Carl Johnson
Carl Johnson, P.Eng.

Name of Applicant: Pope & Talbot Ltd.

LOCATION MAP

