Source and Emission Inventory Incineration Systems Forest Products Industry of British Columbia - 1982

for

Environment Canada
Pacific Region

August 1983

Stanley
STANLEY ASSOCIATES ENGINEERING LTD.

06-01-133

Stanley

Stanley Associates Engineering Ltd.
Suite 203 - 1847 West Broadway
Vancouver, B.C. V6J 1Y6
Phone (604) 734-2024 Telex 04-53283

5 August 1983
File: 94-2542-3-1-1

LETTER OF TRANSMITTAL

Mr. E.P. Wituschek, P.Eng.
Environmental Protection Service
Environment Canada
Kapilano 100 - Park Royal
West Vancouver, BC
V7T 1A7

Dear Sir:

RE: Inventory and Evaluation
Incineration Systems
Forest Products Industry of British Columbia

We are pleased to present our reports Source and Emission Inventory of Incineration Systems in the Forest Products Industry of British Columbia - 1982 and Selection of Test Facilities for Incineration of Chlorophenol Wastes from the Forest Products Industry of British Columbia.

An inventory of recovery boilers, power boilers, lime kilns and wood waste burners utilized by the forest products industry was undertaken. A total of 475 incineration units were identified and an air emission inventory for each unit developed. The emissions were summarized for each stack, each mill, each type of incineration system and for the pulp and paper sector and wood processing sector of the industry.

A literature review of the combustion conditions required for adequate destruction of the chlorophenols used by the industry for wood protection and preservation was also undertaken. The incineration systems utilized by the industry were reviewed to determine which systems could be used for disposal of these substances. Representative incineration units were selected and recommended for future testing of the combustion efficiencies for the destruction of the chlorinated phenolic compounds.

We have appreciated the opportunity of working with you and undertaking this interesting assignment.

Yours truly,

STANLEY ASSOCIATES ENGINEERING LTD.

T.C. McGauley

TCM/amck
Encl.

T.C. McGauley, P.Eng.
Project Manager

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SECTION 1

DICTIONARY

DICTIONARY FOR THE COMPUTER PRINT-OUTS

SOURCE AND EMISSION INVENTORY
INCINERATION SYSTEMS
FOREST PRODUCTS INDUSTRY OF B.C.

A. MASTER FILES

1. CODES

1.1 XXXXXXXX- 8 digits at upper left corner of the mill listing.

1st digit-	"A" - pulp and paper mill	"B" - wood processing plant
2nd digit-	"K" - kraft mill	"L" - lumber mill
	"S" - sulphite mill	"O" - other (miscellaneous) products
3rd digit-	"T" - thermo-mechanical pulp	"V" - plywood & veneer
4th digit-	"M" - mech. a/o groundwood pulp	"H" - shingle & shake
5th digit-	"P" - paper, board	"W" - wood preserving plant

6th through 8th digits: mill file number: 0XX - pulp and paper mills
101 to 199 - wood processing plants with boilers
201 to 399 - wood processing plants; no boilers, but woodburners

1.2 XXX - 3 digits following the sentence: "PRESERVES USED:"

1st digit- "U" - undetermined
"Y" - preserves used, other than PCP

2nd digit- "P" - PCP also used

NOTE: The use of the letter "N" in codes 1.1 and 1.2 has a negative meaning, or lack of information. In code 1.2, voids may also be used in lieu of "N".

EXAMPLES:

AKNMP014 PRESERVES USED: U -Pulp mill, kraft, mechanical a/o groundwood pulp, paper a/o board. Use of preserves undetermined. File number 014.

BLNNN294 PRESERVES USED: N -Lumber mill, preserves not used. File number 294.

DICTIONARY FOR THE COMPUTER PRINT-OUTS (Cont'd)

B. SOURCE FILES

1. ABBREVIATIONS

ENT NBR - entry number

CNS NBR - consecutive number of the given source in the mill

PR.FUEL - primary fuel burnt

AUX.FUEL - auxillary (secondary) fuel burnt

PAE - pollution abatement equipment

SALT CONT - salt content in hog fuel expressed in one hundredth percent

NOTREQ - under PERMIT NBR - permit not required

MAKE,YR,C - data for boilers: make, year of installation, conditions
First 5 digits - abbreviation of manufacturer. For certain units the 3rd, 4th and sometimes the 5th digit would indicate special type of boilers, i.e. DO- dutch oven, or HRT- superheated water boilers. "N" indicates lack of information.
6th and 7th digits - last two digits of the year boiler was installed, i.e. "56".
8th digit - conditions: E-excellent, G-good, F-fair, P-poor.

BL.LIQ. BURNT - amount of black liquor burnt in recovery boiler in MT/D. For sulphite mills, it is red liquor.

DIS.TK - dissolving tank in the recovery system, in kraft mills only

CAO OUTPUT - amount of lime produced daily in the kiln, expressed as CaO. In kraft mills only.

CALCINER - a fluid bed type lime generator.

2. CODES

2.1 TYPE OF FUEL: 1- fuel oil, 2- natural gas, 3- hog fuel, 4- shavings, 0- none.

DICTIONARY FOR THE COMPUTER PRINT-OUTS (Cont'd)

2.2 TYPE OF PAE (pollution abatement equipment):

1- electrostatic precipitator
2- scrubber
3- multiple cyclones (multiclones)
4- mechanical separators
5- baghouse
0- none

NOTE: If more than one are connected in series, the PAE would be called as two or three digit code.

2.3 ABBREVIATIONS, BOILER FILE:

VM	Vancouver Machinery	VI	Vancouver Iron Works
SASK	Saskatoon	DOMIN	Dominion
JO	Johnson	YA	Yarrows
PAC	Pacific Engineering	WYKIP	Wyatt & Kipper
KIPP	Kipper & Sohns	FRCRU	Friar Cruickshank
CLEAV	Cleaverbrook	KONUS	Konus Kessel
FW	Foster Wheeler	BW	Babcock & Willcox
CE	Combustion Engineering		

type of boiler:

MAR	Marine
DO	Dutch oven
HRT	Water

NOTES: STEAM OUTPUT - boiler data files- actual or equivalent for no steam generating boilers (HRT, KONUS).

NOT AVAILABLE INFO - numeric data, not available at time of closing the files, would appear on VDT screen as "99" and on printer's output as "N.A."

The above does not apply to efficiency percentages.

DICTIONARY FOR THE COMPUTER PRINT-OUTS (Cont'd)

C. EMISSION INVENTORY

1. ABBREVIATIONS AND UNITS

VOLUME(s) M^3/MIN - at standard conditions, 20^oC, 1 atmosphere pressure

T/Y - metric ton per year

PARTICULATE L10MCR - particulate of size less than 10 microns

$(NUMBER) - estimating method code for emission factor references

1 - permit requirements (objectives)

2 - test data

3 - reference data, specific studies

4 - material balance

5 - AP-42, 1977 Edition

6 - emission factors developed internally

7 - equipment manufacturer's recommendations

8 - engineering estimate

9 - material balance adjusted by efficiency factor of pollution abatement equipment.

NOTES:

a) For detailed references and values, see emission factor table.

b) The $ code number is specific for each data column except where another $ code number is shown immediately following the data numeric value in the data column

SO_2 - sulphur oxides expressed as sulphur dioxide

CO - carbon monoxide

NO_x - nitrogen oxides expressed as nitrogen dioxide

HC - hydrocarbons expressed as methane

SECTION 2

MASTER FILES

MASTER FILE: LIST OF PULP AND PAPER MILLS IN B.C.

ANNMP001 PRESERVES USED: N LATITUDE: 49.14.00 LONGITUDE: 122.55.00
BELKIN PACKAGING LTD. BELKIN PAPERBOARD
P.O.BOX 490, NEW WESTMINSTER, B.C. V3L 4Y8 R.E. BOEDEKER PHONE (604) 521-0741
PRIM.PROD. PAPER/BOARD ADMT/Y 32,000

AKTMP002 PRESERVES USED: U LATITUDE: 48.52.36 LONGITUDE: 123.38.45
BRITISH COLUMBIA FOREST PRODUCTS LTD. CROFTON PULP & PAPER DIV.
CROFTON, B.C. V0R 1R0 J. MORGAN / A. THAKORE PHONE (604) 246-3241
PRIM.PROD. KRAFT PULP ADMT/Y 350,000 SEC.PROD. PAPER/BOARD ADMT/Y 260,000

AKNNN003 PRESERVES USED: U LATITUDE: 53.18.30 LONGITUDE: 122.10.32
BRITISH COLUMBIA FOREST PRODUCTS LTD. MACKENZIE DIVISION
P.O. BOX 310, MACKENZIE, B.C. V0J 2C0 R. WUNDERLICK PHONE (604) 997-3271
PRIM.PROD. KRAFT PULP ADMT/Y 168,000

AKNNN004 PRESERVES USED: U LATITUDE: 49.20.15 LONGITUDE: 117.43.45
B.C. TIMBER LTD. CELGAR PULP DIVISION
P.O.BOX 1000, CASTLEGAR, B.C., V1N 3H9 R.W. FRIESEN (604)365-7211/L.R. GALLOWAY 685-2452
PRIM.PROD. KRAFT PULP ADMT/Y 175,000

AKNNN005 PRESERVES USED: U LATITUDE: 54.14.10 LONGITUDE: 130.17.40
B.C. TIMBER LTD. NORTHERN PULP OPERATIONS
P.O. BOX 1000, PRINCE RUPERT, B.C. V8J 3S2 L.R. GALLOWAY (604) 685-2452
PRIM.PROD. KRAFT PULP ADMT/Y 350,000

AKNNN006 PRESERVES USED: U LATITUDE: 49.31.23 LONGITUDE: 123.28.56
CANADIAN FOREST PRODUCTS LTD. HOWE SOUND PULP DIV.
PORT MELLON, B.C. V0N 2S0 D.J. STUART PHONE (604) 884-5223
PRIM.PROD. KRAFT PULP ADMT/Y 188,000

ANNMP007 PRESERVES USED: U LATITUDE: 49.12.30 LONGITUDE: 122.50.00
CANADIAN FOREST PRODUCTS LTD. PLYWOOD & HARDBOARD DIV.
440 CANFOR AVENUE, NEW WESTMINSTER, B.C. V3L 3G9 K. ANDERSON PHONE (604) 521-9656
PRIM.PROD. PAPER/BOARD ADMT/Y 63,000

AKNNN008 PRESERVES USED: U LATITUDE: 52.59.00 LONGITUDE: 122.28.50
CARIBOO PULP & PAPER CO. QUESNEL
P.O. BOX 7500, QUESNEL, B.C. V2J 3J6 M. VINJE/R. SALMONS PHONE (604) 992-9231
PRIM.PROD. KRAFT PULP ADMT/Y 248,000

AKNNN009 PRESERVES USED: U LATITUDE: 49.54.55 LONGITUDE: 115.45.45
CRESTBROOK FOREST INDUSTRIES LTD. CRESTBROOK FOREST IND. PULPING DIV.
P.O. BOX 1000, SKOOKUMCHUCK, B.C. V0B 2E0 B. CLIFFORD PHONE (604) 422-3261
PRIM.PROD. KRAFT PULP ADMT/Y 160,000

AKTMP010 PRESERVES USED: U LATITUDE: 50.04.25 LONGITUDE: 125.16.57
CROWN ZELLERBACH CANADA LTD. ELK FALLS MILL
CAMPBELL RIVER, B.C. V9W 5C9 D. LEIGHTON PHONE (604) 287-7411
PRIM.PROD. KRAFT PULP ADMT/Y 380,000 SEC.PROD. OTHER PULP ADMT/Y 230,000

AKNNP011 PRESERVES USED: U LATITUDE: 54.03.00 LONGITUDE: 128.41.40
EUROCAN PULP & PAPER CO. LTD. KITIMAT
P.O. BOX 1400, KITIMAT, B.C. V8C 2H1 L. JOSEPH/D. STEIN PHONE (604) 632-6111
PRIM.PROD. KRAFT PULP ADMT/Y 290,000 SEC.PROD. PAPER/BOARD ADMT/Y 290,000

ANTMP012 PRESERVES USED: N LATITUDE: 53.10.00 LONGITUDE: 121.50.00
FINLEY FOREST INDUSTRIES LTD. MACKENZIE
P.O. BOX 250, MACKENZIE, B.C. V0J 2C0 F. THIESSEN PHONE (604) 997-3201
PRIM.PROD. GROUNDWOOD ADMT/Y 120,000

AKNNN013 PRESERVES USED: U LATITUDE: 53.55.30 LONGITUDE: 122.50.30
INTERCONTINENTAL PULP CO. LTD. INTERCONTINENTAL PULP
P.O. BOX 6000, PRINCE GEORGE, B.C. V2N 2K3 E. BARNES PHONE (604) 563-0161
PRIM.PROD. KRAFT PULP ADMT/Y 238,000

AKNMP014 PRESERVES USED: U LATITUDE: 49.14.48 LONGITUDE: 124.48.35
MACMILLAN BLOEDEL LTD. ALBERNI PULP & PAPER DIV.
PORT ALBERNI, B.C. V9Y 5J7 R. DYER (604) 723-2161
PRIM.PROD. KRAFT PULP ADMT/Y 326,000 SEC.PROD. PAPER/BOARD ADMT/Y 450,000

AKNNN015 PRESERVES USED: U LATITUDE: 49.05.06 LONGITUDE: 124.50.31
MACMILLAN BLOEDEL LTD. HARMAC PULP DIV.
NANAIMO, B.C. V9R 5M5 W. FORD PHONE (604) 722-3211
PRIM.PROD. KRAFT PULP ADMT/Y 400,000

ANNMP016 PRESERVES USED: N LATITUDE: 49.07.00 LONGITUDE: 122.57.00
MACMILLAN BLOEDEL LTD. ISLAND PAPER MILLS DIV.
1010 DERWENT WAY, ANNACIS ISLAND, B.C. V3L 5A5 W. WIESNER/L. MOODY PHONE (604) 526-5521
PRIM.PROD. PAPER/BOARD ADMT/Y 32,000

AKTMP017 PRESERVES USED: U LATITUDE: 49.52.20 LONGITUDE: 124.33.00
MACMILLAN BLOEDEL LTD. POWELL RIVER DIV.
6270 YEW ST., POWELL RIVER, B.C. V8A 4Z7 T. TUNSTALL PHONE (604) 483-3722
PRIM.PROD. KRAFT PULP AD,T/Y 190,000 SEC.PROD. PAPER/BOARD ADMT/Y 590,000

AKNNN018 PRESERVES USED: U LATITUDE: 53.55.26 LONGITUDE: 122.40.50
NORTHWOOD PULP AND TIMBER LTD. NORTHWOOD
P.O. BOX 9000, PRINCE GEORGE, B.C. V2L 4W2 J.E. NYLUND PHONE (604) 962-9611
PRIM.PROD. KRAFT PULP ADMT/Y 500,000

ANNNN019 PRESERVES USED: N LATITUDE:52.20.40 LONGITUDE: 127.42.20
OCEAN FALLS CORPORATION OCEAN FALLS
P.O. BOX 760, OCEAN FALLS, B.C. V0T 1P0 F. MACDONALD PHONE (604) 289-3633
PRIM.PROD. NONE N 0

AKNNP020 PRESERVES USED: U LATITUDE:53.55.08 LONGITUDE: 122.41.00
PRINCE GEORGE PULP & PAPER LTD. PRINCE GEORGE PULP & PAPER
P.O. BOX 6000, PRINCE GEORGE, B.C. V2N 2K3 E. BARNES PHONE (604) 563-0161
PRIM.PROD. KRAFT PULP ADMT/Y 250,000 SEC.PROD. PAPER/BOARD ADMT/Y 100,000

ANTMN021 PRESERVES USED: N LATITUDE:N LONGITUDE: N
QUESNEL RIVER PULP CO. QUESNEL RIVER, QUESNEL
P.O. BOX 9500, QUESNEL, B.C. V2J 3J5 M. PLOURDE PHONE (604) 992-8919
PRIM.PROD. THERMO MECH. PULP ADMT/Y 153,000

ANNMP022 PRESERVES USED: N LATITUDE:49.12.000 LONGITUDE: 122.52.00
SCOTT PAPER LTD. WESTERN MANUFACTURING DIV.
P.O. BOX 760, NEW WESTMINSTER, B.C. V3L 4Z9 K. HARON PHONE (604) 522-5711
PRIM.PROD. PAPER/BOARD ADMT/Y 22,000

AKNNN023 PRESERVES USED: U LATITUDE:49.41.56 LONGITUDE: 126.077.20
TAHSIS CO. LTD. GOLD RIVER
GOLD RIVER, B.C. V1P 1G0 D. CLARK/P. GRIFFITHS PHONE (604) 283-2261
PRIM.PROD. KRAFT PULP ADMT/Y 230,000

ASNNN024 PRESERVES USED: U LATITUDE:50.24.02 LONGITUDE: 126.26.26
WESTERN FOREST PRODUCTS LTD. PORT ALICE
P.O. BOX 2000, PORT ALICE, B.C. V0N 2N0 R. SERENIUS PHONE (604) 284-3331
PRIM.PROD. SULPHITE PULP ADMT/Y 141,000

AKNNN025 PRESERVES USED: U LATITUDE:49.39.56 LONGITUDE: 123.15.06
WESTERN FOREST PRODUCTS LTD. WOODFIBRE
P.O. BOX 5000, SQUAMISH, B.C. VON 3G0 W. REMPEL PHONE (604) 897-5311
PRIM.PROD. KRAFT PULP ADMT/Y 190,000

AKNNN026 PRESERVES USED: U LATITUDE:50.41.32 LONGITUDE: 120.23.57
WEYERHAEUSER CANADA LTD. KAMLOOPS
P.O. BOX 800, KAMLOOPS, B.C. V2C 5M7 L. ADAMACHE PHONE (604) 372-2217
PRIM.PROD. KRAFT PULP ADMT/Y 400,000

MASTER FILE. LISTING OF WOOD PROCESSING PLANTS IN B.C. WITH OPERATING BOILERS.

BLNNW101 PRESERVES USED: YP LATITUDE: 51.11.48 LONGITUDE: 121.29.37
AINSWORTH LUMBER COMPANY LTD. CLINTON DIVISION
153 SEYMOUR ST. KAMPLOOPS, B.C. N
PRIM.PROD. DIM.LUMBER M3/Y 142,000 SEC.PROD. CHIPS M3/Y 425,000

BLNNN102 PRESERVES USED: N LATITUDE: 54.10.56 LONGITUDE: 125.29.23
BABINE FOREST PRODUCTS LIMITED BABINE FOR.PROD.BURNS LAKE
3000-1055 W.GEORGIA ST.VANCOUVER,B.C. V6E 3P3 J. HAWKSWORTH PHONE (604) 692-7177
PRIM.PROD. DIM.LUMBER M3/Y 365,000

BNNHN103 PRESERVES USED: N LATITUDE: 49.19.12 LONGITUDE: 123.01.50
BESTWOOOD INDUSTRIES LTD. HORNE LUMBER DIVISION
NORTH VANCOUVER,B.C. V7M 1A6 R, SHERNECK PHONE (604) 988-1720
PRIM.PROD. SHAKE & SHINGLE N N.A.

BLVNN104 PRESERVES USED: YP LATITUDE: 48.52.44 LONGITUDE: 124.13.33
BRITISH COLUMBIA FOREST PRODUCTS LTD. COWICHAN WOOD PRODUCTS DIVISION
YOUBOU, B.C., V0R 3E0 N
PRIM.PROD. N M3/Y N.A.

BLNNN105 PRESERVES USED: YP LATITUDE: 49.12.15 LONGITUDE: 122.39.00
BRITISH COLUMBIA FOREST PRODUCTS LTD. HAMMOND CEDAR PRODUCTS DIVISION
20580 MAPLE CRESCENT,MAPLE RIDGE,B.C. V2X 1B1 H. JACKSON PHONE (604) 465-5401
PRIM.PROD. DIM.LUMBER M3/Y 236,000 SEC.PROD. CHIPS M3/Y 350,000

BLVNN106 PRESERVES USED: YP LATITUDE: 48.30.48 LONGITUDE: 123.20.51
BRITISH COLUMBIA FOREST PRODUCTS LTD. VICTORIA WOOD PRODUCTS DIVISION
371 GEORGE RD.,P.O.BOX 310,VICTORIA,B.C.V8W 2N5 J. WARR PHONE (604) 385-3331
PRIM.PROD. DIM. LUMBER M3/Y 333,000 SEC.PROD. PLYWOOD M2/Y 283,000

BLNNN107 PRESERVES USED: N LATITUDE: 49.30.40 LONGITUDE: 117.16.00
B.C. TIMBER LTD. B.C. TIMBER NELSON
1176 WEST GEORGIA ST.VANCOUVER, B.C., V6E 4B7 L.R. GALLOWAY PHONE (604) 685-2542
PRIM.PROD. MILL CLOSED N 0

BLNNN108 PRESERVES USED: N LATITUDE: 54.00.48 LONGITUDE: 124.04.30
BOND BROS. SAWMILL LTD BOND BROS. VANDERHOOF
BOX 40, VANDERHOOF, B.C., V0J 3A0 M.BOND PHONE (604) 567-2261
PRIM.PROD. STUDS M3/Y 119,000 SEC.PROD. CHIPS MDT/Y 90,000

BLNNN110 PRESERVES USED: YP LATITUDE: 123.09.09 LONGITUDE: 49.12.03
CANADIAN FOREST PRODUCTS LIMITED EBURNE SAWMILLS DIVISION
9149 HUDSON ST. VANCOUVER,B.C. V6P 4N5 W.HAMILTON PHONE (604) 261-5110
PRIM.PROD., DIM. LUMBER M3/Y 861,000 SEC.PROD. CHIPS M3/Y 850,000

BLNNN111 PRESERVES USED: N LATITUDE: 49.09.35 LONGITUDE: 122.11.52
CANADIAN FOREST PRODUCTS LTD. CANFOR, DEWNEY
1500 505 BURRARD ST. VANCOUVER, B.C. V7X 1B5 G. LOOS PHONE (604) 261-5115
PRIM.PROD. N N N.A.

BLVNN112 PRESERVES USED: N LATITUDE: 49.13.30 LONGITUDE: 122.52.45
CANADIAN FOREST PRODUCT LIMITED PLYWOOD & HARDBOARD DIVISION
440 CANFOR AVE NEW WESTMINSTER, B.C. V3L 3C9 P. JACOBSON PHONE (604) 521-9656
PRIM.PROD. PLYWOOD M2/Y N.A. SEC.PROD. DIM. LUMBER M3/Y 200,000

BNVNN113 PRESERVES USED: N LATITUDE: 49.05.35 LONGITUDE: 116.30.30
CRESTBROOK FOREST INDUSTRIES LTD. CRESTON DIVISION
P.O.BOX 700, CRESTON, B.C. V0B 1G0 R.RICHARDSON \ W.ART PHONE (604) 428-2244
PRIM.PROD. VENEER M2/Y 18,500,000 SEC.PROD. CHIPS M3/Y 16,400

BLNNN114 PRESERVES USED: N LATITUDE: 50.09.25 LONGITUDE: 115.48.00
CRESTBROOK INDUSTRIES LTD. CRESTBROOK F.I. CANAL FLAT
P.O. BOX 168 CANAL FLATS, B.C. A YONKMAN / C. PIERCY PHONE (604) 349-5200
PRIM.PROD. DIM. LUMBER M3/Y 252,000 SEC.PROD. CHIPS M3/Y 396,000

BLNNN115 PRESERVES USED: YP LATITUDE: 49.31.53 LONGITUDE: 115.45.26
CRESTBROOK FOREST INDUSTRIES LTD. CRESTBROOK F.I. CRANBROOK
P.O. BOX 4600, CRANBROOK, B.C., V1C 4J7 C. PIERCY PHONE (604) 426-6241
PRIM.PROD. DIM. LUMBER M3/Y 238,000 SEC.PROD. CHIPS M3/Y 390,000

BLVNN116 PRESERVES USED: YP LATITUDE: 49.13.45 LONGITUDE: 122.52.50
CROWN ZELLERBACH CANADA LTD. FRASER MILL DIVISION
P.O. BOX 2000 NEW WESTMINSTER, B.C. V3L 5A4 W. MITCHELL PHONE (604) 521-1941
PRIM.PROD. DIM. LUMBER M3/Y 356,000 SEC.PROD. PLYWOOD M2/Y 3,700,000

BLVNN117 PRESERVES USED: N LATITUDE: 50.23.42 LONGITUDE: 119.13.17
CROWN ZELLERBACH CANADA LTD. ARMSTRONG PLYWOOD DIVISION
P.O. BOX 220 KELOWNA, B.C. V1Y 7N5 CONTACT ? PHONE (604) 762-4500
PRIM.PROD. N N N.A.

BLVNN118 PRESERVES USED: N LATITUDE: 49.53.03 LONGITUDE: 119.26.35
CROWN ZELLERBACH CANADA LTD. KELOWNA PLYWOOD DIVISION
P.O. BOX 220, KELOWNA, B.C., V1Y 7N5 CONTACT ? PHONE (604) 762-6411
PRIM.PROD. DIM. LUMBER M3/Y 196,000 SEC.PROD. PLYWOOD M2/Y 6,300,000

BONNW119 PRESERVES USED: YP LATITUDE: 53.52.45 LONGITUDE: 122.44.00
DOMTAR INC. DOMTAR WOOD, PR.GEORGE
2000-700 W. GEORGIA ST. VANCOUVER, B.C., V7V 1A8 B.LUCAS PHONE (604) 564-8622
PRIM.PROD. TELEPHONE POLES M3/Y 22,600 SEC.PROD. RAILWAY TIES N N.A.

BLNNN120 PRESERVES USED: YP LATITUDE:53.16.46 LONGITUDE: 122.27.47
DUNKLEY LUMBER LTD. DUNKLEY MILL,DUNKLEY
2020-777 HORNBY ST., VANCOUVER, B.C., CONTACT? PHONE ?
PRIM.PROD. DIM. LUMBER M3/Y 236,000

BLNNN121 PRESERVES USED: YP LATITUDE:51.29.23 LONGITUDE: 117.10.49
EVANS PRODUCTS COMPANY LTD. EVANS PROD. DONALD
P.O. BOX 150, DONALD, B.C., V0A 1C0 B.SCHMIRLEY/ W. MITCHELL PHONE (604) 344-5281
PRIM.PROD. DIM. LUMBER M3/Y 236,000

BLVNN122 PRESERVES USED: N LATITUDE:51.18.30 LONGITUDE: 116.58.25
EVANS PRODUCTS COMPANY LTD. EVANS PROD. GOLDEN
P.O. BOX 170, GOLDEN. B.C., V0A 1H0 E. DORION PHONE (604) 344-2261
PRIM.PROD., PLYWOOD M2/Y 9,290,000 SEC.PROD. STUDS M3/Y 184,000

BLNNN123 PRESERVES USED: N LATITUDE:51.00.19 LONGITUDE: 118.15.26
FEDERATED CO-OPERATIVES LTD. DOWNIE STREET SAWMILLS
1127 DERWENT WAY,ANNACIS ISLAND,B.C. B. ANDERSON PHONE (604) 832-2194
PRIM.PROD. DIM. LUMBER M3/Y 120,000 SEC.PROD. CHIPS M3/Y 149,000

BLNNN124 PRESERVES USED: N LATITUDE:50.45.15 LONGITUDE: 119.13.35
FEDERATED CO-OPERATIVES LTD. H.K. LUMBER, CANOE
P.O. BOX 70, CANOE, B.C., V0E 1K0 B. ANDERSON PHONE (604) 832-2194
PRIM.PROD. DIM. LUMBER M3/Y 156,000

BNVNN125 PRESERVES USED: YP LATITUDE:50.45.31 LONGITUDE: 119.20.18
FEDERATED CO-OPERATIVES LTD. H.K. LUMBER, CANOE, PLYWOOD DIVISION
1127 DERWENT WAY, ANNACIS ISLAND, B.C. B. ANDERSON PHONE (604) 832-2194
PRIM.PROD. PLYWOOD M2/Y 6,500,000

BONNW127 PRESERVES USED: YP LATITUDE:54.30.51 LONGITUDE: 128.35.18
MACGILLIS $ GIBBS CO. (B.C.) LTD. MACGILLIS&GIBBS,TERRACE
1160 409 GRANVILLE ST.,VANCOUVER,B.C., V6C 1T2 N
PRIM.PROD. POLES. MILL CLOSED N N.A.

BLVNN128 PRESERVES USED: YP LATITUDE:49.13.45 LONGITUDE: 124.48.45
MACMILLAN BLOEDEL INDUSTRIES LTD. ALBERNI PACIFIC DIVISION
3500 HARBOUR RD., PORT ALBERNI,B.C. V9Y 3G3 G. MARSHALL PHONE (604) 723-5611
PRIM.PROD. PLYWOOD M2/Y 16,350,000 SEC.PROD. DIM. LUMBER M3/Y 236,000

BLVNN129 PRESERVES USED: YP LATITUDE:49.13.15 LONGITUDE: 123.02.45
MACMILLAN BLOEDEL INDUSTRIES LTD. CANADIAN WHITE PINE DIVISION
P.O. BOX 279 VANCOUVER, B.C., V6C 2M8 D. THOMS PHONE (604) 434-4262
PRIM.PROD., DIM. CEDAR M3/Y 566,000

BLNNN130 PRESERVES USED: YP LATITUDE:48.55.10 LONGITUDE: 123.42.45
MACMILLAN BLOEDEL INDUSTRIES LTD. CHEMAINUS SAWMILLS
P.O. BOX 540,CHEMAINUS, B.C., V0R 1K0 A.J. CHMIELAUSKAS PHONE (604) 683-6711
PRIM.PROD. DIM.TIMBER M3/Y N.A. SEC.PROD. RAIROAD TIES M3/Y N.A.

BLNNW131 PRESERVES USED: YP LATITUDE:NA LONGITUDE: NA
MACMILLAN BLOEDEL INDUSTRIES LTD. NEW WESTMINSTER DIVISION
P.O. BOX 210, NEW WESTMINSTER, B.C. V3L 4X4 W. MILLER PHONE (604) 522-2757
PRIM.PROD. DIM. LUMBER M3/Y 236,000 SEC.PROD. MISC.TIMBER M3/Y 212,000

BLNNN132 PRESERVES USED: N LATITUDE:50.41.25 LONGITUDE: 120.19.45
MOUNT PAUL LUMBER LIMITED MT.PAUL LUMBER, KAMLOOPS
884 SHERBROOKE AVE, KAMLOOPS, B.C., V2B 1W1 R. FORGAARD PHONE (604) 372-5411
PRIM.PROD. DIM. CEDAR M3/Y 295,000

BLNNN133 PRESERVES USED: Y LATITUDE:53.55.30 LONGITUDE: 122.44.20
PAS LUMBER CO. LTD. PAS LUMBER, PR. GEORGE
P.O. BOX 879, PR. GEORGE, B.C., V2L 4T8 D. GOULD
PRIM.PROD. DIM. LUMBER M3/Y 425,000 SEC.PROD. CHIPS M3/Y 425,000

BONNN134 PRESERVES USED: YP LATITUDE:49.13.30 LONGITUDE: 122.53.10
SOOKE FOREST PRODUCTS LTD. LAMFORD CEDAR DIVISION
800-1070 DOUGLAS ST.VICTORIA, B.C.,V8W 2C4 G. CARLSEN PHONE (604) 522-8681
PRIM.PROD. PANNELING M3/Y 118,000 SEC.PROD. CHIPS M3/Y N.A.

BLNNN135 PRESERVES USED: N LATITUDE:49.29.10 LONGITUDE: 119.36.07
NORTHWOOD PROPERTIES LTD NORTHWOOD PROP. PENTICTON
1180 -505 BURRARD ST., VANCOUVER, B.C., V7X 1B8 N
PRIM.PROD., N N N.A.

BLNNN136 PRESERVES USED: YP LATITUDE:54.23.06 LONGITUDE: 126.43.00
NORTHWOOD PULP AND TIMBER LTD. HOUSTON SAWMILL DIVISION
P.O. BOX 158, HOUSTON,B.C., V0J 1Z0 VARNERCOSTUS PHONE (604) 845-2221
PRIM.PROD. DIM. LUMBER M3/Y 590,000 SEC.PROD. CHIPS M3/Y 4,600

BLNNN137 PRESERVES USED: YP LATITUDE:54.07.07 LONGITUDE: 121.56.24
NORTHWOOD PULP & TIMBER LTD. WOOD PRODACTS DIV.,UPPER FRASER SAWMILL
UPPER FRASER, B.C., V0J 2Z0 D. THIESSEN PHONE (604) 563-9316
PRIM.PROD. DIM. LUMBER M3/Y 389,000

BNVNN138 PRESERVES USED: N LATITUDE:TO COME LONGITUDE: TO COME
RICHMOND PLYWOOD CORPORATION PLYWOOD MILL, RICHMOND
13911 VULCAN WAY, RICHMOND, B.C., V6V 1K7 Y. JUNG PHONE (604) 278-9111
PRIM.PROD. PLYWOOD M2/Y 15,000,000 SEC.PROD. CHIPS M3/Y N.A.

BLNNN139 PRESERVES USED: N LATITUDE: 49.00.41 LONGITUDE: 118.49.10
POPE & TALBOT LTD. POPE LUMBER, MIDWAY
P.O. BOX 70, MIDWAY, B.C. J.MERRICH PHONE (604) 449-2212
PRIM.PROD. DIM. LUMBER M3/Y 255,000 SEC.PROD. CHIPS M3/Y 226,000

BLNNN140 PRESERVES USED: YP LATITUDE: 49.55.30 LONGITUDE: 126.39.30
TAHSIS COMPANY LTD. TAHSIS CO., TAHSIS
1201 W.PENDER ST.,VANCOUVER, B.C., V6E 2V4 N
PRIM.PROD. N N N.A.

BLVNN141 PRESERVES USED: N LATITUDE: 54.28.05 LONGITUDE: 124.09.54
TAKLA FOREST PRODUCTS LIMITED TAKLA FOREST,FT. ST. JAMES
P.O. BOX 6000, PRINCE GEORGE, B.C., V2N 2K3 H. DRESSLER PHONE (604) 996-8241
PRIM.PROD., DIM. LUMBER M3/Y 413,000 SEC.PROD. VENEER M2/Y N.A.

BNVNN142 PRESERVES USED: N LATITUDE: 48.26.49 LONGITUDE: 123.25.48
VICTORIA PLYWOOD LTD. VICTORIA PLYWOOD, VICTORIA
8TH.FL, 1070 DOUGLAS ST., VICTORIA,B.C., N
PRIM.PROD. N N N.A.

BLVNN143 PRESERVES USED: N LATITUDE: 52.09.04 LONGITUDE: 122.10.17
WELDWOOD OF CANADA LIMITED MERRILL & WAGNER OPERATIONS
P.O. BOX 4509, WILLIAMS LAKE, B.C.V2G 2V5 J.P. ROGERS PHONE (604) 668-3989
PRIM.PROD. PLYWOOD M2/Y 13,500,000 SEC.PROD. DIM. LUMBER M3/Y N.A.

BNVNN144 PRESERVES USED: YP LATITUDE: 49.12.40 LONGITUDE: 122.55.03
WELDWOOD OF CANADA LIMITED T-PLY DIVISION
10619 ROBSON ROAD,SURREY, B.C., V3L 4Z3 N
PRIM.PROD. PLYWOOD M2/Y 5,600,000

BLVNN146 PRESERVES USED: N LATITUDE:51.39.20 LONGITUDE: 121.20.00
WELDWOOD OF CANADA LIMITED CANIM LAKE SAWMILLS LTD.
P.O. BOX 97, 100 MILE HOUSE, B.C., V0K 2E0 N
PRIM.PROD. PLYWOOD M2/Y 6,700,000 SEC.PROD. DIM. LUMBER M3/Y N.A.

BLVNN147 PRESERVES USED: N LATITUDE:52.56.21 LONGITUDE: 122.29.10
WELDWOOD OF CANADA LIMITED WELDWOOD,QUESNEL,CARIBOO DIVISION
P.O. BOX 2000, QUESNEL, B.C., V2J 3J5 N
PRIM.PROD. PLYWOOD M2/Y 13,900,000 SEC.PROD. DIM. LUMBER M3/Y N.A.

BLNNN148 PRESERVES USED: N LATITUDE:49.17.40 LONGITUDE: 123.52.15
WELDWOOD OF CANADA LIMITED FLAVELLE CEDAR DIVISION
P.O. BOX 66, PORT MOODY, B.C., V3H 3E1 N
PRIM.PROD., DIM.LUMBER M3/Y 200,000

BNVNN149 PRESERVES USED: N LATITUDE:49.13.08 LONGITUDE: 123.08.08
WELDWOOD OF CANADA LIMITED KENT AVENUE DIVISION
900 E. KENT AV.,VANCOUVER, B.C.,V5X 2X9 J. MCDONALD (604) 580-1621
PRIM.PROD. PLYWOOD M2/Y 17,600,000

BLNNN151 PRESERVES USED: YP LATITUDE:51.35.20 LONGITUDE: 119.47.20
WEYERHAEUSER CANADA LTD. WEYERHAEUSER, VAVENBY
300-153 SEYMOUR ST., KAMLOOPS, B.C., D.HAY PHONE (604) 676-9521
PRIM.PROD. DIM. LUMBER M3/Y 283,000

BLNNN152 PRESERVES USED: YP LATITUDE:51.38.50 LONGITUDE: 121.22.08
AINSWORTH LUMBER COMPANY LTD. AINSWORTH LUMBER, EXETER
400-153 SEYMOUR ST. KAMLOOPS,B.C. V2C 2C9 A. AINSWORTH PHONE (604) 395-2222
PRIM.PROD. DIM. LUMBER M3/Y 118,000

BONNW153 PRESERVES USED: Y LATITUDE: 49.13.00 LONGITUDE: 123.10.00
B.C. CLEAN WOOD PRESERVES LTD. CLEAN WOOD, SURREY
9815 ROBSON RD. SURREY, B.C., V3V 2R9 R.W. SILCOX PHONE (604) 585-2511
PRIM.PROD. WOOD PRESERVATION M3/Y 189,000

BLVNN154 PRESERVES USED: YP LATITUDE: 50.45.20 LONGITUDE: 120.49.45
EVANS PRODUCTS COMPANY LTD. SAVONA TIMBER DIVISION
8TH FLR 1155 W.GEORGIA ST VANCOUVER,B.C.V5X 3N2 J. DUCKWORTH/ M. LOW PHONE (604) 373-2421
PRIM.PROD. PLYWOOD M2/Y 4,300,000 SEC.PROD. DIM. LUMBER M3/Y 148,000

BONNW155 PRESERVES USED: YP LATITUDE: 49.28.05 LONGITUDE: 124.47.05
CANADA CEDAR POLES PRESERVES CO. LTD. CANADA CEDAR, GALLOWAY
GALLOWAY, B.C. V0B 1P0 N
PRIM.PROD.,POSTS & POLES PCS 42,000

BLNNN156 PRESERVES USED: N LATITUDE: TO COME LONGITUDE: TO COME
GORMAN BROS.,LUMBER & BOX LD. GORMAN LUMBER, WESTBANK
BOX 490, WEST BANK, B.C., V0H 2A0 J. GORMAN (604) 768-5131
PRIM.PROD. DIM. LUMBER M3/Y 106,000

MASTER FILE. LISTING OF WOOD PROCESSING PLANTS IN B.C.,WITH OPERATING WOOD BURNERS AND NO BOILERS

BLNNN201 PRESERVES USED: YP LATITUDE:51.32.45 LONGITUDE: 121.10.52
AINSWORTH LUMBER CO.LTD. AINSWORTH LUMBERR, L.BUTTE
400-153 SEYMOUR ST.KAMLOOPS, B.C. V2C 2C9
PRIM.PROD. DIM. LUMBER M3/Y 47,200

BLNNN203 PRESERVES USED: N LATITUDE:53.48.46 LONGITUDE: 122.43.43
ANALOG INVESTMENTS LTD. ANALOG INVEST, PR. GEORGE
299 VICTORIA ST.; PRINCE GEORGE, B.C.
PRIM.PROD. N M3/Y N.A.

BLNNN204 PRESERVES USED: N LATITUDE:54.29.19 LONGITUDE: 124.11.44
APOLLO FOREST PRODUCTS LTD. APOLLO FOREST, FT. ST. JAMES
2ND FL., 1209 FOURTH AVE., PRINCE GEORGE, B.C.
PRIM.PROD. DIM. LUMBER M3/Y 146,000

BLNNN205 PRESERVES USED: N LATITUDE:49.35.20 LONGITUDE: 123.12.40
AQUILA DEVELOPMENT LTD AQUILA DEV. FURRY CREEK
326 - 200 DALLAS RD., VICTORIA, B.C.
PRIM.PROD. N M3/Y N.A.

BLNNN206 PRESERVES USED: YP LATITUDE:50.06.14 LONGITUDE: 120.47.08
ARDEW WOOD PRODUCTS LTD. ARDEW WOOD, MERRITT
300-153 SEYMOUR ST., KAMLOOPS, B.C. V2C 2C8
PRIM.PROD. DIM. LUMBER M3/Y 59,000

BLNNN207 PRESERVES USED: N LATITUDE:50.07.10 LONGITUDE: 125.18.00
ARGUS CEDAR PRODUCTS LTD. ARGUS CEDAR, DUNCAN BAY
400-153 SEYMOUR ST., KAMLOOPS, B.C.
PRIM.PROD. DIM. LUMBER M3/Y N.A.

BLNNN208 PRESERVES USED: N LATITUDE:51.13.45 LONGITUDE: 116.53.30
ARKINSTALL LUMBER CO. LTD. ARKINSTALL, NICHOLSON
P.O. BOX 429, GOLDEN, B.C. V0A 1H0
PRIM.PROD. DIM. LUMBER M3/Y N.A.

BLNNN209 PRESERVES USED: YP LATITUDE:50.06.46 LONGITUDE: 120.47.04
ASPEN PLANERS LTD. ASPEN MILL, MERRITT
300-180 SEYMOUR ST., KAMLOOPS, B.C. V2C 2E3
PRIM.PROD. DIM. LUMBER M3/Y 140,000

BLNNN210 PRESERVES USED: N LATITUDE:49.11.03 LONGITUDE: 122.33.46
ASSOCIATED CEDAR PRODUCTS LTD. ASSOC. CEDAR, MAPLE RIDGE
22311-119TH AVE., MAPLE RIDGE, B.C. V2X 2Z2
PRIM.PROD. DIM. LUMBER M3/Y N.A.

BLVNN211 PRESERVES USED: N LATITUDE:49.07.10 LONGITUDE: 117.32.20
ATCO LUMBER LTD. ATCO LUMBER, FRUITVALE
1460 BAY AVE., TRAIL, B.C. V1R 4B1
PRIM.PROD. DIM. LUMBER M3/Y 270,000

BLNNN212 PRESERVES USED: N LATITUDE:55.06.02 LONGITUDE: 128.02.58
B.C. TIMBER LTD. KITWANGA LUMBER DIVISION
1176 W. GEORGIA, VANCOUVER, B.C. V6E 4B7
PRIM.PROD. DIM. LUMBER M3/Y 99,000

BLNNN213 PRESERVES USED: YP LATITUDE:54.01.27 LONGITUDE: 124.19.50
B.C. TIMBER LTD PLATEAU MILL DIVISION, VANDERHOOF
2600-1177 W. HASTINGS ST., VANCOUVER, B.C. V6E 2K3
PRIM.PROD. DIM. LUMBER M3/Y 400,000

BLNNN214 PRESERVES USED: YP LATITUDE:54.31.07 LONGITUDE: 128.37.43
B.C. TIMBER LTD. SKEENA LUMBER DIVISION, TERRACE
1176 W. GEORGIA, VANCOUVER, B.C. V6E 4B7
PRIM.PROD. DIM. LUMBER M3/Y 224,000

BLNNN215 PRESERVES USED: N LATITUDE:55.13.12 LONGITUDE: 127.40.30
B.C. TIMBER LTD. RIM LUMBER DIVISION, S. HAZELTON
1176 W. GEORGIA, VANCOUVER, B.C. V6E 4B7
PRIM.PROD. DIM. LUMBER M3/Y 158,000

BLNNN216 PRESERVES USED: YP LATITUDE:54.30.53 LONGITUDE: 128.36.19
B.C. TIMBER LTD. POHLE LUMBER DIVISION, TERRACE
1176 W. GEORGIA, VANCOUVER, B.C. V6E 4B7
PRIM.PROD., DIM. LUMBER M3/Y 295,000

BLNNN217 PRESERVES USED: N LATITUDE:50.05.37 LONGITUDE: 120.47.30
BALCO INDUSTRIES LTD. BALCO, MERRITT
248 SECOND AVE., KAMLOOPS, B.C. V2C 2C9
PRIM.PROD. DIM. LUMBER M3/Y 230,000

BNNHN218 PRESERVES USED: N LATITUDE:50.58.48 LONGITUDE: 118.17.50
BEAUMONT LUMBER CO. LTD. BEAUMONT LUMBER, REVELSTOKE
4TH FL., 153 SEYMOUR ST., KAMLOOPS, B.C. V2C 2C7
PRIM.PROD. SHINGLES & SHAKES M3/Y N.A.

BNNHN219 PRESERVES USED: N LATITUDE:49.47.35 LONGITUDE: 124.20.50
BEHAN CEDAR PRODUCTS LTD. BEHAN CEDAR, POWELL RIVER
4760A JOYCE AVE., POWELL RIVER, B.C. V8A 3B6
PRIM.PROD. SHINGLES & SHAKES M3/Y N.A.

BONNN220 PRESERVES USED: YP LATITUDE:54.31.18 LONGITUDE: 128.39.03
BELL POLE CO. LTD. BELL POLE, TERRACE
SHUSWAP AVE., LUMBY, B.C. V0E 2G0
PRIM.PROD. N N N.A.

BLNNN221 PRESERVES USED: N LATITUDE:49.26.55 LONGITUDE: 117..36.00
BLUE JAY CEDAR BOUGH CO. BLUE JAY, CRESCENT VALLEY
LOT 22, BOX 1, CRESCENT VALLEY, B.C. V0G 1H0
PRIM.PROD. N N N.A.

BNNHN222 PRESERVES USED: N LATITUDE:50.00.40 LONGITUDE: 125.20.30
BREWSTER LAKE SHAKE AND SHINGLE LTD. BREWSTER MILL, CAMPBELL R.
177 ST. ANNES RD., CAMPBELL RIVER, B.C. V9W 4C5
PRIM.PROD. SHAKES & SHINGLES M3/Y N.A.

BLNNN224 PRESERVES USED: N LATITUDE:50.49.30 LONGITUDE: 116.16.30
BRISCO SAWMILLS LTD. BRISCO SAWMILL, BRISCO
1229-7TH AVE., INVERMERE, B.C.
PRIM.PROD. DIM. LUMBER M3/Y 80,000

BLNNN225 PRESERVES USED: YP LATITUDE:55.16.54 LONGITUDE: 123.09.38
BRITISH COLUMBIA FOREST PRODUCTS LIMITED BCFP. MACKENZIE
2100-1050 W. PENDER ST., VANCOUVER, B.C. V6E 2X3
PRIM.PROD. DIM. LUMBER M3/Y 708,000

BLNNN226 PRESERVES USED: YP LATITUDE:49.51.34 LONGITUDE: 121.25.57
BRITISH COLUMBIA FOREST PRODUCTS BCFP. BOSTON BAR
22ND FL., 1050 W. PENDER, VANCOUVER, B.C. V6E 2X3
PRIM.PROD. DIM LUMBER M3/Y 205,000

BLNNN227 PRESERVES USED: N LATITUDE:50.29.24 LONGITUDE: 119.50.02
BUFF (H.) LUMBER CO. LTD. BUFF LUMBER, MONTE LAKE
STE 4-74 SEYMOUR ST., W. KAMLOOPS, B.C. V2C 1E3
PRIM.PROD. DIM. LUMBER M3/Y N.A.

BNNHN228 PRESERVES USED: N LATITUDE:49.28.05 LONGITUDE: 124.47.05
BRITISH COLUMBIA FOREST SHAKE BCF SHAKE, MUD BAY
535-6TH ST., COURTENAY, B.C. V9N 1M5
PRIM.PROD. SHAKES & SHINGLES M3/Y N.A.

BLNNN230 PRESERVES USED: N LATITUDE:55.42.09 LONGITUDE: 121.36.40
CANFOR LTD. CANFOR, CHETWYND
15TH FL., 505 BURRARD ST., VANCOUVER B.C. V7X 1B5
PRIM.PROD.. DIM. LUMBER M3/Y 212,000

BLNNN231 PRESERVES USED: N LATITUDE:50.48.40 LONGITUDE: 118.57.05
CANADIAN INTERNATIONAL TIMBER CORP. CAN TIMBER, CAMBIE
303-370 FRONT ST. N.E., SALMON ARM, B.C. V0E 2T0
PRIM.PROD. DIM. LUMBER M3/Y N.A.

BONNN232 PRESERVES USED: N LATITUDE:52.59.59 LONGITUDE: 122.30.04
(CARIBOO P$P,FORMER).QUESNEL WASTE DISPOSAL LTD. WOOD WASTE DISPOSAL, QUESNEL
6282 READ ST.,QUESNEL,B.C.,V2J 2M2
PRIM.PROD. WOOD WASTE DISPOSAL M3/Y 1,086,000

BONNN233 PRESERVES USED: N LATITUDE:50.50.45 LONGITUDE: 118.57.55
CARNEY (B.J.) & COMPANY LTD. CARNEY, SICAMOUS
BOX 40, ENDERBY, B.C. V0E 1V0
PRIM.PROD. CEDAR POLES PCS 20,000

BLNNN234 PRESERVES USED: N LATITUDE:53.47.56 LONGITUDE: 122.42.39
CARRIER LUMBER LTD. CARRIER LUMBER, TABOR CR.
1000-299 VICTORIA ST. PRINCE GEORGE,B.C. V2L 5R7
PRIM.PROD. DIM. LUMBER M3/Y 350,000

BLNNN235 PRESERVES USED: N LATITUDE:53.02.30 LONGITUDE: 122.25.35
CARIBOO HOME COMPONENTS LTD. CARIBOO HOME, QUESNEL
1399 N. CARIBOO HWY., QUESNEL, B.C. V2J 2Y5
PRIM.PROD. DIM. LUMBER M3/Y 24,000

BLNNN236 PRESERVES USED: N LATITUDE:53.50.05 LONGITUDE: 122.43.50
CEDARWOOD FOREST PRODUCTS LTD. CEDARWOOD MILL, PRINCE GEORGE
515-1488 FOURTH AVE., PRINCE GEORGE, B.C. V2L 4Y2
PRIM.PROD., DIM. LUMBER M3/Y N.A.

BLNNN237 PRESERVES USED: N LATITUDE:49.07.50 LONGITUDE: 121.58.00
CEDAR INDUSTRIES LTD. CEDAR IND. SARDIS
201-31 YALE RD. E., CHILLIWACK, B.C. V2P 2P2
PRIM.PROD. DIM. LUMBER M3/Y N.A.

BLNNN238 PRESERVES USED: N LATITUDE:50.34.50 LONGITUDE: 119.08.45
CEE-EN LUMBER LTD. CEE-EN LUMBER, ENDERBY
119 CAMPBELL AVE. BOX2490,REVELSTOKE,B.C V0E 2S0
PRIM.PROD. DIM. LUMBER M3/Y 88,000

BLNNN239 PRESERVES USED: N LATITUDE:50.14.30 LONGITUDE: 117.49.30
CHERNOFF BROTHERS SAWMILL LTD. CHERNOFF SAWMILL, NAKUSP
1630 ELLIS ST., KELOWNA, B.C. V1Y 2B1
PRIM.PROD. DIM. LUMBER M3/Y N.A.

BLNNN240 PRESERVES USED: N LATITUDE:55.43.26 LONGITUDE: 121.33.23
CHETWYND FOREST INDUSTRIES LTD. CHETWYND FOREST, CHETWYND
201-1136-103RD AVE., DAWSON CREEK, B.C. V1G 2G
PRIM.PROD. DIM. LUMBER M3/Y N.A.

BLNNN241 PRESERVES USED: N LATITUDE:49.26.30 LONGITUDE: 123.42.00
CHRISTOPHER, ROBERT (1969) LTD. CHRISTOPHER MILL, WILSON
606-470 GRANVILLE ST., VANCOUVER, B.C. V6C 1V5
PRIM.PROD. DIM. LUMBER M3/Y N.A.

BLNNN242 PRESERVES USED: N LATITUDE:53.40.53 LONGITUDE: 122.58.28
CLEAR LAKE SAWMILLS LTD. CLEAR L. MILL, WESTLAKE
740 NICOLA ST., VANCOUVER, B.C. V6G 2C2
PRIM.PROD.. DIM. LUMBER M3/Y 165,000

BLNNN243 PRESERVES USED: N LATITUDE:52.48.01 LONGITUDE: 119.14.12
CLEARWATER TIMBER PRODUCTS LTD. CLEARWATER TIMBER, CEDARS
C/O 305-186 VICTORIA ST., KAMLOOPS, B.C. V2C 1A7
PRIM.PROD. DIM. LUMBER M3/Y N.A.

BLNNN244 PRESERVES USED: N LATITUDE:51.34.55 LONGITUDE: 119.44.19
CLEARWATER TIMBER PRODUCTS LTD. CLEARWATER TIMBER, VAVENBY
300-180 SEYMOUR ST., KAMLOOPS, B.C. V2C 2E3
PRIM.PROD. DIM. LUMBER M3/Y N.A.

BLNNN245 PRESERVES USED: YP LATITUDE:51.38.23. LONGITUDE: 120.01.59
CLEARWATER TIMBER PRODUCTS LTD. CLEARWATER TIMBER, CLEARWATER
300-110 SEYMOUR ST., KAMLOOPS, B.C. V2C 2E3
PRIM.PROD. DIM. LUMBER M3/Y N.A.

BNNHN246 PRESERVES USED: N LATITUDE:50.37.55 LONGITUDE: 127.33.47
COAL HARBOUR SHAKE AND SHINGLE LTD. COAL HARBOUR SHAKE, COAL HARBOUR
2020-777 HORNBY ST., VANCOUVER, B.C. V6Z 1T7
PRIM.PROD. SHAKE & SHINGLES M3/Y N.A.

BNNHN247 PRESERVES USED: N LATITUDE:50.15.20 LONGITUDE: 117.49.00
COLUMBIA RIVER SHAKE & SHINGLE LTD. COLUMBIA SHAKE, NAKUSP
202, 422 SIXTH ST., NEW WESTMINSTER, B.C. V3L 3B2
PRIM.PROD. SHAKE & SHINGLES M3/Y N.A.

BNNHN248 PRESERVES USED: N LATITUDE:50.01.16 LONGITUDE: 125.17.10
COMOX VALLEY SHAKES LTD. COMOX SHAKES, CAMPBELL RIVER
200-920 ALDER ST., CAMPBELL RIVER, B.C. V9W 2P8
PRIM.PROD. SHAKE & SHINGLES M3/Y N.A.

BNNHN249 PRESERVES USED: N LATITUDE:48.51.07 LONGITUDE: 124.06.35
CONFEDERATE SHAKE & SHINGLE LTD. CONFEDERATE SHAKE, YOUBOU
166 STATION ST., DUNCAN, B.C.
PRIM.PROD. SHAKE & SHINGLE M3/Y N.A.

BLNNN250 PRESERVES USED: N LATITUDE:54.27.30 LONGITUDE: 128.29.05
COPPER MOUNTAIN CEDAR PRODUCTS LTD. COPPER MT. CEDAR, TERRACE
201-4630 LAZELLE AVE., TERRACE, B.C. V8G 1S6
PRIM.PROD. DIM. LUMBER M3/Y N.A.

BLNNN251 PRESERVES USED: N LATITUDE:50.14.00 LONGITUDE: 119.02.00
CROWN ZELLERBACH CANADA LTD. CROWN Z, LUMBY
19TH FL., 1030 W. GEORGIA, VANCOUVER,B.C. V6E 3C6
PRIM.PROD. DIM. LUMBER M3/Y 88,500

BLNNN252 PRESERVES USED: N LATITUDE:49.15.45 LONGITUDE: 115.05.50
CROWS NEST INDUSTRIES LTD. CROWS NEST IND, ELKO
501-3RD AVE., FERNIE, B.C. V0B 1M0
PRIM.PROD. DIM. LUMBER M3/Y 900,000

BLNNN253 PRESERVES USED: N LATITUDE:54.17.37 LONGITUDE: 125.50.01
DECKER LAKE FOREST PRODUCTS LTD. DECKER FOREST, DECKER LAKE
390-444 VICTORIA ST., PRINCE GEORGE, B.C. V2L 4R7
PRIM.PROD. DIM. LUMBER M3/Y 88,500

BLNNN254 PRESERVES USED: N LATITUDE:54.21.10 LONGITUDE: 125.55.20
DECKER LAKE FOREST PRODUCTS LTD. DECKER FOREST, PALLING
10TH FL-299 VICTORIA ST. PRINCE GEORGE,BC V2L 5B8
PRIM.PROD., TIES, POLES M3/Y N.A.

BLNNN255 PRESERVES USED: N LATITUDE:49.11.30 LONGITUDE: 122.34.35
D AND J CEDAR PRODUCTS LTD. D AND J CEDAR, MAPLE RIDGE
22311-119TH AVE., MAPLE RIDGE, B.C.
PRIM.PROD. DIM. LUMBER M3/Y N.A.

BLNNN256 PRESERVES USED: YP LATITUDE:50.57.32 LONGITUDE: 118.45.01
DREW SAMILLS LTD. DREW SAWMILLS, MALAKWA
101-605 CLYDE AVE., WEST VANCOUVER, B.C. V7T 1C7
PRIM.PROD. DIM. LUMBER M3/Y 156,000

BLNNN257 PRESERVES USED: N LATITUDE:50.49.10 LONGITUDE: 119.40.55
EDWORTHY LUMBER COMPANY LTD. EDWORTHY LUMBER, CHASE
300-180 SEYMOUR ST., KAMLOOPS, B.C. V2C 2E3
PRIM.PROD. DIM. LUMBER M3/Y N.A.

BLNNN258 PRESERVES USED: N LATITUDE:53.56.51 LONGITUDE: 123.45.60
EL RAE TIMBER LTD. EL RAE TIMBER, VANDERHOOF
#1,1515-2ND AVE., PRINCE GEORGE, B.C. V2L 3B8
PRIM.PROD. DIM. LUMBER M3/Y N.A.

BLNNN259 PRESERVES USED: N LATITUDE:50.14.30 LONGITUDE: 118.37.15
ED'S LOGGING CO. LTD. ED'S LOGGING, CHERRYVILLE
C/O ANDREWS&CO.300-153 SEYMOUR,KAMLOOPS,BCV2C 2C8
PRIM.PROD. DIM. LUMBER M3/Y N.A.

BLNNN260 PRESERVES USED: N LATITUDE:51.29.23 LONGITUDE: 117.10.49
EUROCAN PULP & PAPER LTD. AND WELDWOOD OF CANADA EUROCAN & WELDW, HOUSTON
BOX 11130, 3000-1055 W. GEORGIA, VANC.BC V6E 3H6
PRIM.PROD., DIM LUMBER M3/Y N.A.

BLNNN261 PRESERVES USED: YP LATITUDE:50.41.02 LONGITUDE: 121.55.46
EVANS PRODUCTS COMPANY LTD. EVANS PROD. LILLOOET
8TH FL, 1155 W. GEORGIA, VANCOUVER, B.C. V6E 3H4
PRIM.PROD. DIM. LUMBER M3/Y 160,000

BLNNN263 PRESERVES USED: N LATITUDE:54.53.20 LONGITUDE: 127.15.16
EVELYN MILLS LTD. EVELYN MILLS, EVELYN STN.
BOX 847, SMITHERS, B.C. V0J 2N0
PRIM.PROD. DIM. LUMBER M3/Y N.A.

BLNNN264 PRESERVES USED: N LATITUDE:49.10.09 LONGITUDE: 122.34.03
EVERGREEN CEDAR PRODUCTS LTD. EVERGREEN, MAPLE RIDGE
33286 RAILWAY AVE., MISSION, B.C. V2V 4M6
PRIM.PROD. DIM. LUMBER M3/Y N.A.

BLNNN265 PRESERVES USED: N LATITUDE:49.41.10 LONGITUDE: 115.58.10
FABCO FOREST PRODUCTS LTD. FABCO FOREST, KIMBERLEY
290 WALLINGER AVE., KIMBERLEY, B.C. V1A 1Z1
PRIM.PROD. DIM LUMBER M3/Y 12,000

BLNNN266 PRESERVES USED: N LATITUDE:51.08.29 LONGITUDE: 120.06.49
FADEAR CREEK LUMBER CO. LTD. FADEAR LUMBER, LOUIS CR.
15TH FL.-505 BURRARD ST., VANCOUVER, B.C. V7X 1B5
PRIM.PROD. DIM. LUMBER M3/Y 212,000

BLNNN267 PRESERVES USED: N LATITUDE:50.57.32 LONGITUDE: 118.22.40
FARWELL CONSTRUCTION COMPANY LTD. FARWELL CONST, REVELSTOKE
101-605 CLYDE AVE., WEST VANCOUVER, B.C. V7T 1C7
PRIM.PROD., DIM. LUMBER M3/Y N.A.

BLNNN268 PRESERVES USED: N LATITUDE:53.16.42 LONGITUDE: 119.11.40
FARWEST CEDAR FENCING LTD. FARWEST CEDAR, MCBRIDE
330-522 SEVENTH ST., NEW WESTMINISTER, B.C. V3M
PRIM.PROD. DIM. LUMBER M3/Y N.A.

BLNNN269 PRESERVES USED: YP LATITUDE:55.19.31 LONGITUDE: 123.10.54
FINLAY FOREST INDUSTRIES LTD. FINLAY FOREST, MACKENZIE
600-890 WEST PENDER, VANCOUVER, B.C. V6C 1J9
PRIM.PROD. DIM. LUMBER M3/Y 1,060,000

BLNNN270 PRESERVES USED: N LATITUDE:58.45.48 LONGITUDE: 122.40.36
FORT NELSON FOREST INDUSTRIES LTD. FT NELSON FOR, FT NELSON
2000-700 W. GEORGIA, VANCOUVER, B.C. V7Y 1A7
PRIM.PROD. DIM. LUMBER M3/Y 210,000

BLNNN271 PRESERVES USED: N LATITUDE:49.10.25 LONGITUDE: 122.27.20
FRASER CEDAR PRODUCTS LTD. FRASER CEDAR, WHONNOCK
33132 FIRST AVE., MISSION, B.C. V2V 1G4
PRIM.PROD. DIM. LUMBER M3/Y N.A.

BLNNN272 PRESERVES USED: YP LATITUDE:54.03.35 LONGITUDE: 124.51.07
FRASER LAKE SAWMILLS LTD. FRASER L. MILL, FRASER L.
800-550 VICTORIA ST., PRINCE GEORGE, B.C. V2L 2K1
PRIM.PROD. DIM. LUMBER M3/Y 575,000

BLNNN273 PRESERVES USED: N LATITUDE:54.03.49 LONGITUDE: 124.45.35
FRASER LAKE SAWMILLS LTD. FRASER L. MILL, LEJAC
2500-595 BURRARD ST., VANCOUVER, B.C.
PRIM.PROD. DIM. LUMBER M3/Y N.A.

BLNNN274 PRESERVES USED: N LATITUDE:50.42.30 LONGITUDE: 123.22.20
FROLEK SAWMILLS LTD. FROLEK MILL, BROCKLEHURST
4-74 W. SEYMOUR ST., KAMLOOPS, B.C. V2C 1E3
PRIM.PROD. DIM. LUMBER M3/Y N.A.

BLNNN275 PRESERVES USED: N LATITUDE:49.22.25 LONGITUDE: 115.13.45
GALLOWAY LUMBER COMPANY LTD. GALLOWAY LUMBER, GALLOWAY
102-129-10TH AVE., CRANBROOK, B.C.
PRIM.PROD. DIM. LUMBER M3/Y 118,000

BLNNN276 PRESERVES USED: N LATITUDE:50.40.36 LONGITUDE: 119.10.09
GANZEVELD LUMBER PRODUCTS LTD. GANZEVELD LUMBER, ENDERBY
3104-32ND AVE., VERNON, B.C. V1T 2M1
PRIM.PROD. DIM. LUMBER M3/Y N.A.

BLNNN277 PRESERVES USED: N LATITUDE:49.43.00 LONGITUDE: 123.53.00
GILMOUR BROS. GILMOUR BROS., DORISTON
SECHELT, B.C. VON 3A0
PRIM.PROD. DIM. LUMBER M3/Y N.A.

BLNNN278 PRESERVES USED: YP LATITUDE:49.28.30 LONGITUDE: 119.35.56
GREENWOOD FOREST PRODUCTS 1969 LTD. GREENWOOD FOR, PENTICTON
284 MAIN ST., PENTICTON, B.C. V2A 5B2
PRIM.PROD. DIM. LUMBER M3/Y N.A.

BLNNN279 PRESERVES USED: N LATITUDE:54.45.15 LONGITUDE: 127.08.46
GROOT (D.) LOGGING LTD. GROOT LOGGING, SMITHERS
1081 MAIN ST., SMITHERS, B.C. V0J 2N0
PRIM.PROD., DIM. LUMBER M3/Y N.A.

BLNNN280 PRESERVES USED: N LATITUDE:50.01.25 LONGITUDE: 119.23.10
HARRISON, D.W. (D & C CEDAR PRODUCTS) HARRISON, D&C CEDAR PROD.
SITE 56, BOX 2, WINFIELD, B.C. V0H 2C0
PRIM.PROD. DIM. LUMBER M3/Y N.A.

BLNNN281 PRESERVES USED: N LATITUDE:52.57.39 LONGITUDE: 119.27.55
HAUER BROTHERS LUMBER LTD. HAUER LUMBER, TETE JAUNE
299 VICTORIA ST., PRINCE GEORGE, B.C. V2L 4S2
PRIM.PROD. DIM. LUMBER M3/Y N.A.

BLNNN282 PRESERVES USED: N LATITUDE:49.10.30 LONGITUDE: 117.30.00
HEARN BROS. LUMBER COMPANY LTD. HEARN BROS., PARK SIDING
BOX 160, SALMO, B.C. V0G 1Z0
PRIM.PROD. DIM. LUMBER M3/Y N.A.

BLNNN283 PRESERVES USED: N LATITUDE:48.37.50 LONGITUDE: 123.36.05
HIDDEN VALLEY SAWMILL LTD. HIDDEN VAL. MILL, SHAWNGN
2200 SYLVESTER RD., SHAWNIGAN LAKE, B.C. VOR 2WO
PRIM.PROD. DIM. LUMBER M3/Y N.A.

BLNNN284 PRESERVES USED: YP LATITUDE:50.57.44 LONGITUDE: 119.41.00
HOLDING FOREST PRODUCTS LTD. HOLDING FOREST, ADAMS LAKE
3063-595 BURRARD ST., VANCOUVER, B.C.
PRIM.PROD. DIML LUMBER M3/Y N.A.

BLNNN285 PRESERVES USED: N LATITUDE:49.05.00 LONGITUDE: 116.28.30
HUSCROFT (J.H.) LTD. HUSCROFT MILL, ERICKSON
C/O COOPER & VOGEL,433-10TH AVE., CRESTON,BC
PRIM.PROD., DIM. LUMBER M3/Y 47,000

BNNHN286 PRESERVES USED: N LATITUDE:48.49.20 LONGITUDE: 124.03.40
ISLAND SHAKE & SHINGLE CO. LTD. ISLAND SHAKE, L. COWICHAN
BOX 859, LAKE COWICHAN, B.C. VOR 2GO
PRIM.PROD. SHAKE & SHINGLE M3/Y N.A.

BLNNN287 PRESERVES USED: N LATITUDE:50.43.40 LONGITUDE: 121.15.58
J & T LUMBER LTD. J & T LUMBER, ASHCROFT
ANDREWS & CO, 300-153 SEYMOUR, KAMLOOPS,BCV2C 2C8
PRIM.PROD. DIM. LUMBER M3/Y N.A.

BLNNN288 PRESERVES USED: N LATITUDE:52.33.14 LONGITUDE: 124.08.54
JACOBSON BROS. FOREST PRODUCTS LTD. JACOBSON BROS, CHEZACUT
5-123 BORLAND ST., WILLIAMS LAKE,B.C. V2G 1R1
PRIM.PROD. DIM. LUMBER M3/Y N.A.

BLNNN289 PRESERVES USED: YP LATITUDE:52.07.16 LONGITUDE: 122.08.12
JACOBSON BROS. FOREST PRODUCTS LTD. JACOBSON BROS, WILLIAMS
123 BORLAND ST., WILLIAMS LAKE, B.C. V2G 1R1
PRIM.PROD. DIM. LUMBER M3/Y 470,000

BLNNN290 PRESERVES USED: N LATITUDE:49.07.47 LONGITUDE: 122.17.55
JANBAR ENTERPRISES LTD. JANBAR ENT, MISSION CITY
7150 BANK ST., MISSION CITY, B.C. V2V 4M1
PRIM.PROD. DIM. LUMBER M3/Y N.A.

BLNNN291 PRESERVES USED: N LATITUDE:52.49.22 LONGITUDE: 122.24.34
KERSLEY LUMBER CO. LTD. KERSLEY LBR CO, KERSLEY
1900-700 W. GEORGIA, VANCOUVER, B.C.
PRIM.PROD. DIM. LUMBER M3/Y N.A.

BLNNN292 PRESERVES USED: N LATITUDE:52.09.05 LONGITUDE: 122.10.35
KHALSA ENTERPRISES LTD. KHALSA ENT, WILLIAMS LAKE
5-123 BORLAND ST., WILLIAMS LAKE, B.C. V2G 1R1
PRIM.PROD. DIM. LUMBER M3/Y 65,000

BONNN293 PRESERVES USED: N LATITUDE:49.20.55 LONGITUDE: 125.04.40
KILDONAN BOOM & SORT LTD. KILDONAN BOOM, BROWN'S BAY
5029 ARGYLE ST., PORT ALBERNI, B.C. V9Y 1V5
PRIM.PROD. N N N.A.

BLNNN294 PRESERVES USED: N LATITUDE:55.06.51 LONGITUDE: 128.01.33
KITWANGA LUMBER CO. LTD. KITWANGA LUMBER, KITWANGA
HAZELTON-KITWANGA RD., KITWANGA, B.C.
PRIM.PROD. DIM. LUMBER M3/Y 50,000

BLNNN295 PRESERVES USED: N LATITUDE:50.58.44 LONGITUDE: 118.09.51
KOZEK (JOE) SAWMILLS LTD. KOZEK SAWMILLS, REVELSTOKE
RICKARD &CRWFORD, 300 FIRST ST W, REVELSTOKE BC
PRIM.PROD. DIM. LUMBER M3/Y 15,000

BLNNN296 PRESERVES USED: N LATITUDE:54.00.51 LONGITUDE: 124.03.07
L & M LUMBER LTD. L & M LUMBER, VANDERHOOF
VOX 130 2ND FL,1209-4TH AVE., PRINCE GEORGE,BC
PRIM.PROD. DIM. LUMBER M3/Y 100,000

BLNNN297 PRESERVES USED: N LATITUDE:53.55.14 LONGITUDE: 122.44.21
LAKELAND MILLS (1973) LTD. LAKELAND MILLS, PRINCE GEORGE
1598-6TH AVE., PRINCE GEORGE, B.C. V2L 5J7
PRIM.PROD..DIM. LUMBER M3/Y 212,000

BLNNN298 PRESERVES USED: N LATITUDE:49.09.56 LONGITUDE: 122.29.25
LAKEWOOD LUMBER COMPANY LTD. LAKEWOOD LUMBER, LANGLEY
2500-595 BURRARD ST., VANCOUVER, B.C.
PRIM.PROD. DIM. LUMBER M3/Y N.A.

BLNNN299 PRESERVES USED: N LATITUDE:50.13.25 LONGITUDE: 119.11.15
LAVINGTON PLANER MILL LTD. LAVINGTON PLANER, LAVINGTON
3104-32ND AVE., VERNON, B.C.
PRIM.PROD. DIM. LUMBER M3/Y 265,000

BLNNN300 PRESERVES USED: N LATITUDE:52.07.13 LONGITUDE: 122.08.04
LIGNUM LTD. LIGNUM LTD, WILLIAMS LAKE
700-925 W. GEORGIA, VANCOUVER, B.C. V6C 1R8
PRIM.PROD. DIM. LUMBER M3/Y 295,000

BLNNN301 PRESERVES USED: N LATITUDE:51.54.60 LONGITUDE: 122.07.14
LINDE BROS. LUMBER LTD. LINDE LUMBER, SPRINHOUSE
5-123 BORLAND ST., WILLIAMS LAKE, B.C. V2G 1R1
PRIM.PROD. DIM. LUMBER M3/Y 5,000

BNNHN302 PRESERVES USED: N LATITUDE:50.52.11 LONGITUDE: 119.35.06
LITTLE RIVER SHAKE & SHINGLE CO. LTD. LITTLE RIVER LTD, SQUILA
300-153 SEYMOUR ST., KAMLOOPS, B.C. V2C 2C8
PRIM.PROD. SHAKE & SHINGLE M3/Y 5,800

BLNNN303 PRESERVES USED: N LATITUDE:49.04.49 LONGITUDE: 121.56.12
LOEWEN CEDAR PRODUCTS LTD. LOEWEN PROD, SARDIS
104-2 PRINCESS AVE.E, BOX 372, CHILLIWACK, BC
PRIM.PROD., DIM. LUMBER M3/Y N.A.

BLNNN304 PRESERVES USED: N LATITUDE:49.08.40 LONGITUDE: 117.15.20
LOUISIANA-PACIFIC CANADA LTD. LOUISIANA-PAC. MILL, SALMO
16THFL, 595 BURRARD ST., VANCOUVER, BC V7X 1K9
PRIM.PROD. DIM. LUMBER M3/Y 244,000

BNNHN305 PRESERVES USED: N LATITUDE:50.15.10 LONGITUDE: 118.54.10
LUMBY RED CEDAR SHAKES LTD. LUMBY CEDAR SHAKES, LUMBY
4TH FL, 3205-32ND ST., VERNON, BC V1T 2M4
PRIM.PROD. SHAKE & SHINGLE M3/Y N.A.

BNNHN306 PRESERVES USED: N LATITUDE:50.32.50 LONGITUDE: 119.08.07
MABEL LAKE SHINGLE LTD. MABEL L. SHINGLE, ENDERBY
420-604 COLUMBIA ST., NEW WESTMINSTER, BC V3M 1A6
PRIM.PROD. SHAKE & SHINGLES M3/Y N.A.

BLNNN307 PRESERVES USED: N LATITUDE:50.13.48 LONGITUDE: 119.00.33
MACGILLIS & GIBBS CO. (B.C.) LTD., THE MACGILLIS & GIBBS, LUMBY
16TH FL., 409 GRANVILLE ST., VANCOUVER, B.C.
PRIM.PROD. DIM. LUMBER M3/Y N.A.

BLNNN308 PRESERVES USED: N LATITUDE:50.19.03 LONGITUDE: 122.42.48
MACGILLIS & GIBBS COMPANY (B.C.) LTD., THE MACGILLIS & GIBBS, MT. CURRIE
1600-409 GRANVILLE ST., VANCOUVER, B.C. V6C 1V1
PRIM.PROD. DIM. LUMBER M3/Y N.A.

BLNNN309 PRESERVES USED: N LATITUDE:49.10.27 LONGITUDE: 122.25.40
MALAKWA CEDAR PRODUCTS LTD. MALAKWA CDAR, RUSKIN
33132 FIRST AVE., MISSION, B.C. V2V 1G4
PRIM.PROD. DIM. LUMBER M3/Y N.A.

BLNNN310 PRESERVES USED: N LATITUDE:50.59.50 LONGITUDE: 118.40.55
MALAKWA ENTERPRISES LTD. MALAKWA ENT, CRAIGELCHIE
3205-32ND AVE., VERNON, B.C. V1T 2M4
PRIM.PROD. DIM. LUMBER M3/Y N.A.

BLNNN311 PRESERVES USED: N LATITUDE:49.02.39 LONGITUDE: 115.03.03
MCDONALD RANCH & LUMBER LTD. MCDONALD LUMBER, GRASMERE
632-2ND AVE., FERNIE, B.C. V0B 1M0 ATT:J.FETZKO
PRIM.PROD. DIM. LUMBER M3/Y 6,000

BLNNN312 PRESERVES USED: N LATITUDE:49.07.50 LONGITUDE: 122.17.49
MEEKER CEDAR PRODUCTS (1967) LTD. MEEKER CEDAR, MISSION
7334 HORNE AVE, MISSION CITY, B.C. V2V 3Y
PRIM.PROD. DIM. LUMBER M3/Y N.A.

BLNNN313 PRESERVES USED: N LATITUDE:50.58.23 LONGITUDE: 118.19.21
MICA DAM SAWMILLS LTD. MICA SAWMILL, REVELSTOKE
4TH FL, 3205-32ND AVE., VERNON, B.C.
PRIM.PROD. DIM. LUMBER M3/Y 30,000

BLNNN314 PRESERVES USED: N LATITUDE:54.00.51 LONGITUDE: 124.02.54
NECHAKO LUMBER CO. LTD. NECHAKO LUMBER, VANDERHOOF
1209-4TH AVE., PRINCE GEORGE, B.C. V2L 3J5
PRIM.PROD. DIM. LUMBER M3/Y 305,000

BLNNN315 PRESERVES USED: N LATITUDE:51.10.08 LONGITUDE: 120.07.35
NEHALISTON LUMBER CO. LTD. NEHALISTON LBR, BARRIERE
103-1333 W. 15TH ST., NORTH VANCOUVER, BC V7M 1R8
PRIM.PROD.. DIM. LUMBER M3/Y N.A.

BLNNN316 PRESERVES USED: YP LATITUDE:53.50.59 LONGITUDE: 122.44.16
NETHERLANDS OVERSEAS MILLS LTD. NETHERLAND MILLS, PRINCE GEORGE
740 NICOLA ST., VANCOUVER, B.C. V6G 2C2
PRIM.PROD. DIM. LUMBER M3/Y 507,000

BLNNN317 PRESERVES USED: N LATITUDE:53.23.26 LONGITUDE: 122.33.49
NETHERLANDS OVERSEAS MILLS LTD. NETHERLANDS MILLS, HIXON
1625 W 28TH AVE, VANCOUVER, B.C. V6J 2Y6
PRIM.PROD. DIM. LUMBER M3/Y 166000 166,000

BLNNN318 PRESERVES USED: N LATITUDE:55.05.29 LONGITUDE: 125.34.16
NETHERLANDS OVERSEAS MILLS LTD. NETHERLANDS MILLS, LEO CR
740 NICOLA ST., VANCOUVER, B.C. V6G 2C2
PRIM.PROD. DIM. LUMBER M3/Y 270,000

BLNNN319 PRESERVES USED: N LATITUDE:50.31.05 LONGITUDE: 116.01.40
NORTH STAR PLANNING CO. LTD N. STAR PLAN, ATHALMER
BOX 39, INVERMERE, B.C.
PRIM.PROD. DIM. LUMBER M3/Y 23,600

BLNNN320 PRESERVES USED: N LATITUDE:52.24.17 LONGITUDE: 126.29.50
NORTHCOP LOGGING COMPANY LTD. NORTHCOP LOG, HAGENSBORG
13TH FL, 409 GRANVILLE ST., VANCOUVER, B.C.
PRIM.PROD. DIM. LUMBER M3/Y N.A.

BNNHN321 PRESERVES USED: N LATITUDE:49.10.58 LONGITUDE: 122.25.22
NORTHWEST SHAKE COMPANY LD. NORTHWEST SHAKE, RUSKIN
33056 FIRST AVE, MISSION, B.C. V2V 1G3
PRIM.PROD., SHAKE & SHINGLE M3/Y N.A.

BLNNW322 PRESERVES USED: YP LATITUDE:55.47.08 LONGITUDE: 120.17.09
NORTHWEST WOOD PRESERVERS LTD. NORTHWEST WOOD (DOMTAR), DAWSON CREEK
2500-595 BURRARD ST., VANCOUVER, B.C. V7X 1L1
PRIM.PROD. DIM. LUMBER M3/Y 130,000

BLNNN323 PRESERVES USED: N LATITUDE:49.27.45 LONGITUDE: 120.29.10
NORTHWOOD PROPERTIES LTD. NORTHWOOD PROP, PRINCETON
1180, ONE BENTALL CENTRE, 505 BURRARD, VANC,BC
PRIM.PROD. DIM. LUMBER M3/Y N.A.

BLNNN324 PRESERVES USED: N LATITUDE:54.04.23 LONGITUDE: 122.22.03
NORTHWOOD PULP AND TIMBER LTD. NORTHWOOD PULP, GISCOME
1180-ONE BENTALL CTR, 505 BURRARD, VANCOUVER, BC
PRIM.PROD. DIM. LUMBER M3/Y N.A.

BLNNN325 PRESERVES USED: YP LATITUDE:54.00.16 LONGITUDE: 122.37.12
NORTHWOOD PULP AND TIMBER LTD. NORTHWOOD PULP, SHELLEY
1180-505 BURRARD ST, VANCOUVER, B.C.
PRIM.PROD. DIM. LUMBER M3/Y 158,000

BLNNN326 PRESERVES USED: N LATITUDE:50.02.00 LONGITUDE: 125.16.20
OCEAN CEDAR PRODUCTS LTD. OCEAN CEDAR, CAMPBELL RIVER
33056 FIRST AVE., MISSION, B.C. V2V 1G3
PRIM.PROD. DIM. LUMBER M3/Y N.A.

BLNNN327 PRESERVES USED: N LATITUDE:58.44.19 LONGITUDE: 122.40.06
OMINECA ENTERPRISES LTD. OMINECA ENTERPISE, M.293
2-10208-10TH ST., DAWSON CREEK, B.C. V1G 3T4
PRIM.PROD., DIM. LUMBER M3/Y 28,000

BLNNN328 PRESERVES USED: N LATITUDE:54.45.24 LONGITUDE: 127.09.09
PACIFIC INLAND RESOURCES LTD. PACIFIC INLAND, SMITHERS
2500-595 BURRARD ST., VANCOUVER, B.C. V7X 1L1
PRIM.PROD. DIM. LUMBER M3/Y 170,000

BLNNN329 PRESERVES USED: YP LATITUDE:54.26.36 LONGITUDE: 122.38.13
PAS LUMBER COMPANY LTD., THE PAS LUMBER, PRINCE GEORGE
RIVER AVE., PRINCE GEORGE, B.C.
PRIM.PROD. DIM. LUMBER M3/Y N.A.

BLNNN330 PRESERVES USED: N LATITUDE:56.09.40 LONGITUDE: 120.42.20
PEACE WOOD PRODUCTS LTD. PEACE MILL, TAYLOR
1400-1030 W. GEORGIA, VANCOUVER, B.C.
PRIM.PROD. DIM. LUMBER M3/Y 354,000

BLNNN331 PRESERVES USED: N LATITUDE:53.34.50 LONGITUDE: 120.41.27
PHILLIPS (ABE) LOGGING LTD PHILLIPS LOG, CRESCENT SP
1-1515-2ND AVE., PRINCE GEORGE, B.C. V2L 3B6
PRIM.PROD. DIM. LUMBER M3/Y N.A.

BLNNN332 PRESERVES USED: N LATITUDE:54.57.48 LONGITUDE: 127.20.37
PINE CREEK SAWMILLS LTD. PINE SAWMILLS, SMITHERS
3773-3RD AVE., SMITHERS, B.C. V0J 2N0
PRIM.PROD. DIM. LUMBER M3/Y 9,000

BLNNN333 PRESERVES USED: N LATITUDE:54.44.04 LONGITUDE: 127.07.38
PINE CREEK SAWMILLS LTD. PINE SAWMILL, SMITHERS
1081 MAIN ST., SMITHERS, B.C. V0J 2N0
PRIM.PROD. DIM. LUMBER M3/Y N.A.

BLNNN334 PRESERVES USED: YP LATITUDE:52.09.25 LONGITUDE: 122.10.38
PINETTE & THERRIEN MILLS LTD. PINETTE MILLS, WILLIAMS LAKE
123 BORLAND ST., BOX 68, WILLIAMS LAKE, B.C.
PRIM.PROD. DIM. LUMBER M3/Y 440,000

BLNNN335 PRESERVES USED: YP LATITUDE:54.30.04 LONGITUDE: 122.40.04
POLAR FOREST INDUSTRIES INC. POLAR FOREST, BEAR LAKE
740 NICOLA ST., VANCOUVER, B.C. V6G 2C2
PRIM.PROD. DIM. LUMBER M3/Y 177,000

BLNNN336 PRESERVES USED: N LATITUDE:49.01.36 LONGITUDE: 118.26.31
POPE & TALBOT LTD. POPE LUMBER, GRAND FORKS
17TH FL, 1075 W. GEORGIA, VANCOUVER, B.C.
PRIM.PROD. DIM. LUMBER M3/Y 189,000

BLNNN337 PRESERVES USED: N LATITUDE:53.55.19 LONGITUDE: 122.44.29
PRINCE GEORGE PRECUT LTD. PR. GEORGE PRECUT, PRINCE GEORGE
2020-777 HORNBY ST., VANCOUVER, B.C. V6Z 1T7
PRIM.PROD. DIM.LUMBER M3/Y 177,000

BONNN338 PRESERVES USED: N LATITUDE:122.44.15 LONGITUDE: 122.44.15
PRINCE GEORGE PRECUT, PRINCE GEORGE 2020-777 HORNBY ST., VANCOUVER, B.C. V6Z 1T7
53.51.30
PRIM.PROD. DIM. LUMBER M3/Y 147,000

BLNNW339 PRESERVES USED: YP LATITUDE:53.48.49 LONGITUDE: 122.43.15
PRINCE GEORGE WOOD PRESERVING LTD. PR. GEO. WOOD, PRINCE GEORGE
1700-1075 W. GEORGIA, VANCOUVER, B.C. V6E 3C9
PRIM.PROD., DIM.LUMBER M3/Y N.A.

BLNNN340 PRESERVES USED: N LATITUDE:54.19.20 LONGITUDE: 130.18.40
PRINCE RUPERT FOREST PRODUCTS LTD. PR. RUPERT FOREST, PRINCE RUPERT
13TH FL, 409 GRANVILLE ST., VANCOUVER, B.C.
PRIM.PROD. DIM. LUMBER M3/Y N.A.

BLNNN341 PRESERVES USED: N LATITUDE:53.58.30 LONGITUDE: 132.06.45
Q.C.I. SAWMILLS LTD. Q.C.I. SAWMILL, MASSET
330 SECOND AVE. W., PRINCE RUPERT, B.C. V8J 1G6
PRIM.PROD. DIM. LUMBER M3/Y N.A.

BLNNN342 PRESERVES USED: N LATITUDE:50.35.11 LONGITUDE: 119.09.09
R. & T. STUD MILLS (ENDERBY) LTD. R & T MILL, ENDERBY
ENDERBY, B.C.
PRIM.PROD. DIM. LUMBER M3/Y N.A.

BLNNN343 PRESERVES USED: N LATITUDE:52.06.03 LONGITUDE: 119.18.20
RAILWAY LUMBER LTD. RAILWAY LUMBER, BLUE RIVER
5100 LANCING ROAD, RICHMOND, B.C.
PRIM.PROD. DIM. LUMBER M3/Y N.A.

BLNNN344 PRESERVES USED: YP LATITUDE:50.02.10 LONGITUDE: 125.16.18
RAVEN LUMBER LTD. RAVEN LUMBER, CAMPBELL RIVER
BOX 40, CAMPBELL RIVER, B.C.
PRIM.PROD. DIM. LUMBER M3/Y 130,000

BLNNN345 PRESERVES USED: N LATITUDE:49.10.27 LONGITUDE: 122.27.34
REDSKIN CEDAR CO. LTD. REDSKIN CEDAR, WHONNOCK
22328-119TH AVE., MAPLE RIDGE, B.C. V2X 2Z3
PRIM.PROD. DIM. LUMBER M3/Y N.A.

BLNNN346 PRESERVES USED: N LATITUDE:50.37.30 LONGITUDE: 116.05.30
REVELSTOKE SAWMILL (RADIUM) LTD. REVELSTOKE SAWMILL, RADIUM
BOX 39, RADIUM HOT SPRINGS, B.C.
PRIM.PROD. DIM. LUMBER M3/Y 177,000

BLNNN347 PRESERVES USED: N LATITUDE:50.33.05 LONGITUDE: 119.10.25
RIVERSIDE FOREST PRODUCTS LTD. RIVERSIDE FOREST, ENDERBY
CITY OF ENDERBY, B.C.
PRIM.PROD. DIM. LUMBER M3/Y N.A.

BLNNN348 PRESERVES USED: N LATITUDE:50.14.00 LONGITUDE: 119.01.03
RIVERSIDE FOREST PRODUCTS LTD. RIVERSIDE FOREST, LAVINGT
2500-595 BURRARD ST., VANCOUVER, B.C. V7X 1L1
PRIM.PROD. DIM. LUMBER M3/Y N.A.

BLNNN349 PRESERVES USED: N LATITUDE: 48.48.02 LONGITUDE: 124.07.26
RODENBUSH & ROOKE CORPORATION RODENBUSH, LAKE COWICHAN
166 STATION ST., DUNCAN, B.C. V9L 1M7
PRIM.PROD. DIM. LUMBER M3/Y N.A.

BNNHN350 PRESERVES USED: N LATITUDE: 49.10.27 LONGITUDE: 122.25.40
RUSKIN SHAKE LTD. RUSKIN SHAKE, RUSKIN
4-33132 1ST AVE., MISSION, B.C. V2V 1G4
PRIM.PROD. DIM. LUMBERM3/Y 99 N.A.

BLNNN351 PRESERVES USED: N LATITUDE: 53.50.37 LONGITUDE: 122.43.37
RUSTAD BROS.&CO.LTD. RUSTAD MILL, PR. GEORGE
C/O WILSON,KING&CO,299 VICTORIA ST.,PR.GEORGE,BC
PRIM.PROD., DIM. LUMBER M3/Y 295,000

BNNHN352 PRESERVES USED: N LATITUDE: 49.10.32 LONGITUDE: 122.25.32
S&W SHAKE & SHINGLE LTD. S & W SHAKE, RUSKIN
SUITE 2,ARCADE BLDG.,MAIN STREET,MISSION, B.C.
PRIM.PROD. SHAKE & SHINGLES M3/Y 40,000

BLNNN353 PRESERVES USED: N LATITUDE: 49.06.20 LONGITUDE: 117.06.15
SEDY CEDAR SALES LTD. SEDY CEDAR, BOULDER CREEK
8TH.FLR.BENTALL BLDG.1070 DOUGLAS ST.VICTORIA,B.C
PRIM.PROD. DIM. LUMBER M3/Y N.A.

BLNNN354 PRESERVES USED: N LATITUDE: 49.10.00 LONGITUDE: 122.23.10
SERPENTINE CEDAR LTD. SERPENTINE CEDAR, FT. LANGLEY
22371 DEWNEY TRUNK RD.MAPLE RIDGE,B.C.,V2X 3J4
PRIM.PROD. DIM.LUMBER M3/Y N.A.

BLNNW355 PRESERVES USED: N LATITUDE:55.36.52 LONGITUDE: 26.04.08
SILVACAN RESOURCES LTD. SILVACAN RES. LOVELL COVE
#5-123 BORLAND AVE WILLIAMS LAKE,B.C. V2G 1R1
PRIM.PROD. DIM. LUMBER M3/Y N.A.

BLNNN356 PRESERVES USED: N LATITUDE:52.47.30 LONGITUDE: 119.01.57
SKI LUMBER LTD. SKI LUMBER, VALEMOUNT
900-550 VICTORIA ST.,FR. GEORGE,B.C.,V2L 2K1
PRIM.PROD. DIM. LUMBER M3/Y N.A.

BLNNN357 PRESERVES USED: YP LATITUDE:49.46.10 LONGITUDE: 117.28.05
SLOCAN FOREST PRODUCTS LTD. SLOCAN FOR.PROD. SLOCAN
2500-595 BURRARD ST.,VANCOUVER,B.C.,V7X 1L1
PRIM.PROD. DIM.LUMBER M3/Y 354,000

BLNNN358 PRESERVES USED: N LATITUDE:51.11.05 LONGITUDE: 120.07.33
SMITH(GILBERT) FOREST PRODUCTS LTD. SMITH FOREST, BARRIERE
4TH FLR.153 SEYMOUR ST. KAMLOOPS, B.C.
PRIM.PROD. DIM. LUMBER M3/Y N.A.

BLNNN359 PRESERVES USED: N LATITUDE:50.11..50 LONGITUDE: 121.34.34
SPATSUM LUMBER(LYTTON) LTD. SPATSUM LUMBER, LYTTON
1422-1055 GEORGIA ST. VANCOUVER, B.C.
PRIM.PROD. DIM. LUMBER M3/Y N.A.

BLNNN360 PRESERVES USED: N LATITUDE:52.09.30 LONGITUDE: 122.11.14
STARLINE CEDAR MILLS LTD STARLINE CEDAR, GLENDALE
106-235 OLIVER ST WILLIAMS LAKE,B.C. V2G 1M2
PRIM.PROD. DIM. LUMBER M3/Y 147,000

BLNNN361 PRESERVES USED: N LATITUDE:51.51.52 LONGITUDE: 121.39.37
STARLINE CEDAR MILLS LTD. STARLINE CEDAR, WRIGHT ST
105-235 OLIVER ST WILLIAMS LAKE,B.C.,V2G 1M2
PRIM.PROD. DIM.LUMBER M3/Y N.A.

BLNNN362 PRESERVES USED: N LATITUDE:54.28.06 LONGITUDE: 124.10.37
STONEAGE CEDAR LTD. STONEAGE CEDAR, MAPLE RIDGE
22311-119TH AVE MAPLE RIDGE,B.C. V2X 2Z2
PRIM.PROD. DIM. LUMBER M3/Y N.A.

BLNNN363 PRESERVES USED: N LATITUDE:54.28.06 LONGITUDE: 124.10.37
STUART LAKE LUMBER CO. LTD. STUART LUMBER, FT. ST. JAMES
10TH FLR-299 VICTORIA ST PR.GEORGE,B.C.V2L 5B8
PRIM.PROD. DIM. LUMBER M3/Y N.A.

BLNNN364 PRESERVES USED: N LATITUDE:52.36.56 LONGITUDE: 121.34.04
SUMMIT CEDAR RODUCTS LTD. SUMMIT CEDAR, LIKELY
106-235 OLIVER ST WILLIAMS LAKE,B.C. V2G 1M2
PRIM.PROD. DIM. LUMBER M3/Y N.A.

BLNNN365 PRESERVES USED: N LATITUDE:56.09.02 LONGITUDE: 120.44.31
SWANSON LUMBER CO. LTD. SWANSON MILL, FT. ST. JOHN
STE 3-277 DOMINION ST PR.GEORGE, B.C.
PRIM.PROD. DIM. LUMBER M3/Y 250,000

BLNNN366 PRESERVES USED: N LATITUDE:49.54.40 LONGITUDE: 116.54.10
T & H SAWMILLS LTD. T & H SAWMILLS, KASLO
609 BAKER ST NELSON, B.C.
PRIM.PROD. DIM LUMBER M3/Y 59,000

BLNNN367 PRESERVES USED: N LATITUDE:58.44.05 LONGITUDE: 122.41.08
TACKAMA FOREST PRODUCTS LIMITED TACKAMA MILL, FT. NELSON
#700-550 VICTORIA ST PR.GEORGE,B.C.,V2L 2K1
PRIM.PROD. DIM. LUMBER M3/Y N.A.

BLNNN368 PRESERVES USED: N LATITUDE:53.55.11 LONGITUDE: 123.15.20
TAKLA FOREST PRODUCTS LIMITED TAKLA FOREST, ISLE PIERRE
BOX 6000, PRINCE GEORGE, B.C.
PRIM.PROD. DIM. LUMBER M3/Y 160,000

BLNNN369 PRESERVES USED: N LATITUDE:54.24.16 LONGITUDE: 124.15.50
TAKLA FOREST PRODUCTS LIMITED TAKLA FOREST, FT. ST. JAMES
P.O.BOX 6000, PR. GEORGE, B.C.,V2N 2K3
PRIM.PROD.. DIM. LUMBER M3/Y N.A.

BLNNN370 PRESERVES USED: N LATITUDE:52.06.40 LONGITUDE: 119.18.30
TALISMAN PORTABLE SAWMILLS LTD. TALISMAN MILL, BLUE RIVER
248 SECOND AVE, KAMLOOPS, B.C.,V2C 2C9
PRIM.PROD. DIM. LUMBER M3/Y N.A.

BLNNN371 PRESERVES USED: N LATITUDE:50.47.05 LONGITUDE: 119.19.52
TAPPEN VALEY TIMBER LTD. TAPPEN TIMBER, SHUSWAP
700-925 W. GEORGIA ST.,VANCOUVER, B.C.
PRIM.PROD. DIM. LUMBER M3/Y N.A.

BLNNN372 PRESERVES USED: N LATITUDE:49.08.08 LONGITUDE: 122.21.30
THAMBAKARA, JABEZ.(THAMBAKARA SONS SHAKE MILL) THAMBAKARA SONS, MISSION
MACALLUM ROAD, MISSION, B.C.
PRIM.PROD. SHAKE & SHINGLES M3/Y N.A.

BONNN373 PRESERVES USED: N LATITUDE:48.26.48 LONGITUDE: 123.59.00
VAN-ISLE MOULDING AND MILLWORK LTD. VAN-ISLE MILL, LANGFORD
#540-645 FORT STREET, VICTORIA, B.C.
PRIM.PROD. REMANUFACT. LUMBER M3/Y N.A.

BNNHN374 PRESERVES USED: N LATITUDE:49.11.11 LONGITUDE: 122.34.14
VEDDER RIVER SHAKE & SHINGLE LTD. VEDER R. MILL, MAPLE RIDGE
123 MAIN ST. CHILLIWACK, B.C.,V2P 4M8
PRIM.PROD. SHAKE & SHINGLES M3/Y N.A.

BLNNN375 PRESERVES USED: N LATITUDE:54.45.18 LONGITUDE: 127.08.46
VEENSTRA (J.) SAWMILL VEENSTRA MILL, SMITHERS
3773 3RD AVE.PO.BOX 847,SMITHERS,B.C.,V0J 2N0
PRIM.PROD. DIM. LUMBER M3/Y N.A.

BLNNN376 PRESERVES USED: N LATITUDE:49.10.20 LONGITUDE: 122.25.43
WALDUN FOREST PRODUCTS LTD. WALDUN FOREST PRODUCTS, RUSKIN
400-713 COLUMBIA ST NEW WESTMINSTER,B.C.V3M 1B2
PRIM.PROD. DIM. LUMBER M3/Y N.A.

BLNNN377 PRESERVES USED: N LATITUDE:50.12.15 LONGITUDE: 116.57.40
VISTA CEDAR PRODUCTS LTD. VISTA CEDAR, COOPER CREEK
MEADOW CREEK, B.C.
PRIM.PROD. DIM. LUMBER M3/Y N.A.

BLNNN378 PRESERVES USED: N LATITUDE:52.09.42 LONGITUDE: 122.11.17
WEST FRASER TIMBER CO. LTD. W. FRASER TIMBER, WILLIAMS LAKE
2500-595 BURRARD ST. VANCOUVER, B.C.
PRIM.PROD. DIM. LUMBER M3/Y 160,000

BLNNN379 PRESERVES USED: N LATITUDE:53.57.22 LONGITUDE: 122.50.09
WEST-HILL LUMBER CO. LTD. WEST-HILL LUMBER, OTWAY
10TH FLR.299 VICTORIA ST PR.GEORGE,B.C. V2L-5B8
PRIM.PROD. DIM. LUMBER M3/Y 59,000

BLNNN380 PRESERVES USED: N LATITUDE:49.20.05 LONGITUDE: 119.33.40
WEYERHAEUSER CANADA LTD. WEYERHAEUSER, OKANAGAN FALLS
300-153 SEYMOUR ST, KAMLOOPS, B.C.
PRIM.PROD. DIM. LUMBER M3/Y N.A.

BLNNN381 PRESERVES USED: YP LATITUDE:50.14.25 LONGITUDE: 118.58.10
WEYERHAEUSER CANADA LTD. WEYERHAEUSER, LUMBY
300-153 SEYMOUR ST. KAMLOOPS, B.C.
PRIM.PROD. DIM. LUMBER M3/Y N.A.

BLNNN382 PRESERVES USED: N LATITUDE:50.07.30 LONGITUDE: 120.45.30
WEYERHAEUSER CANADA LTD. WEYERHAEUSER, MERRITT
300-153 SEYMOUR ST KAMLOOPS, B.C.
PRIM.PROD. DIM. LUMBER M3/Y N.A.

BLNNN383 PRESERVES USED: YP LATITUDE:49.13.56 LONGITUDE: 122.21.28
WHONNOCK LUMBER COMPANY LIMITED WHONNOCK LUMBER
STE 655 TWO BENTALL CENTRE, VANCOUVER,B.C.
PRIM.PROD. DIM. LUMBER M3/Y 118,000

BLNNN384 PRESERVES USED: N LATITUDE:49.10.44 LONGITUDE: 116.33.25
WYNNDEL BOX & LUMBER COMPANY LTD. WYNNDEL BOX, WYNNDEL
WYNNDEL, B.C.
PRIM.PROD. DIM. LUMBER M3/Y 47,000

BLNNN385 PRESERVES USED: N LATITUDE:48.56.11 LONGITUDE: 125.33.30
WILLOWBRAE CEDAR MILLS LTD. WILLOWBRAE, UCLUELET
4594 MERRIFIELD ST,PT.ALBERNI, B.C.,V9Y 6R4
PRIM.PROD. DIM. LUMBER M3/Y N.A.

BLNNN386 PRESERVES USED: N LATITUDE:53.19.34 LONGITUDE: 120.12.48
ZEIDLER FOREST INDUSTRIES LTD. ZEIDLER MILL, MCBRIDE
7TH FLR,409 GRANVILLE ST,VANCOUVER,B.C.V6C 1T2
PRIM.PROD. DIM. LUMBER M3/Y 28,000

BLNNN387 PRESERVES USED: N LATITUDE:51.39.08 LONGITUDE: 121.20.02
100 MILE CEDAR PRODUCTS LTD. 100 MILE CEDAR, EXETER
106-235 OLIVER ST,WILLIAMS LAKE,B.C. V2G 1M2
PRIM.PROD.,DIM. LUMBER M3/Y 106,000

BLNNN388 PRESERVES USED: N LATITUDE:51.18.44 LONGITUDE: 121.21.12
70 MILE CUSTOM PLANER LTD. 70 MILE PLANER, 70 MILE HOUSE
305-186 VICTORIA ST, KAMLOOPS,B.C.,V2C 5R3
PRIM.PROD. DIM. LUMBER M3/Y N.A.

BNNHN389 PRESERVES USED: N LATITUDE:49.07.50 LONGITUDE: 122.18.30
BOWMAN SHAKE AND SHINGLE LTD. BOWMAN MILL, MISSION
7311-D JAMES ST, MISSION, B.C. V2V 3V5
PRIM.PROD. SHAKE AND SHINGLES M3/Y N.A.

SECTION 3

SOURCE INVENTORY

INVENTORY 1982.REC.BOILERS AND DISS.TANKS.
PULP AND PAPER SECTOR

ENT NBR	MILL CODE NBR	PERMIT NBR	CNS NBR	MAKE,YR,C	STK RB NBR	STK DT NBR	STEAM OUTPUT MT/H	WORK DAYS D/YR	BL.LIQ. BURNT MT/DAY	AUX.FUEL TYPE	AUX.FUEL %	PAE-REC.BL TYPE	PAE-REC.BL EFF%	PAE-DIS.TK TYPE	PAE-DIS.TK EFF%
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	002	PA1902	1	CE 5XG	01	07	61	345	704	1	3	1	92	2	85
2	002	PA1902	2	CE 6XG	01	08	74	345	704	1	3	1	92	2	85
3	002	PA1902	3	FW 7XE	02	09	105	345	860	1	3	1	97	2	85
4	003	PA1644	1	BW 71E	01	04	173	317	1090	2	3	1	97	2	85
5	004	PA3080	1	CE 59F	01	04	114	308	1045	2	3	12	99	2	85
6	005	PA3547	1	BW 65G	01	08	238	335	1500	2	10	1	95	2	85
7	005	PA3547	2	CE 78E	02	09	205	335	1200	2	10	1	99	2	85
8	006	PA3095	1	CE 5XF	01	08	57	345	360	1	3	1	96	2	85
9	006	PA3095	2	CA 5XF	02	09	49	345	310	1	3	1	96	2	85
10	006	PA3095	3	CE 5XF	05	10	127	345	800	1	3	1	97	2	85
11	008	PA1578	1	BW 71E	01	04	216	340	1362	2	3	1	98	2	85
12	009	PA2149	1	CE 71E	01	04	122	345	772	2	3	1	96	2	85
13	010	PA3341	1	BW 5XG	01	06	82	340	636	1	3	12	96	2	85
14	010	PA3341	2	BW 6XG	01	07	150	340	1400	1	3	12	99	2	85
15	011	PA3083	1	CE 6XG	01	04	323	345	1407	2	3	1	97	2	85
16	013	PA2762	1	BW 66G	01	03	144	293	1260	2	3	1	96	2	85
17	014	PA1863	1	CE 47P	01	07	0	0	0	1	0	1	96	2	85
18	014	PA1863	2	CE 57G	02	08	70	345	421	1	3	1	96	2	85
19	014	PA1863	3	BW 63G	02	09	105	345	578	1	3	1	96	2	85
20	015	PA2708	1	CE 5XF	01	08	59	289	615	1	3	1	92	2	85
21	015	PA2708	2	CE 5XG	01	09	68	289	668	1	3	2	85	2	85
22	015	PA2708	3	BW 64G	02	10	141	289	1300	1	3	1	93	2	85
23	017	PA3149	1	CE 5XG	01	05	173	263	1090	1	3	1	97	2	85
24	018	PA2559	1	CE 66G	01	05	215	225	1360	2	3	1	98	2	95
25	018	PA2559	2	CE 82E	06	07	223	130	1500	1	3	1	99	2	95
26	020	PA2761	1	BW 66G	01	04	108	332	1000	2	3	1	96	2	85
27	020	PA2761	2	BW 82E	05	06	63	332	454	2	3	1	99	2	85
28	023	PA3201	1	CE 66G	01	03	204	261	1291	1	3	12	96	2	85
29	024	PA3760	1	CE 76E	01	00	115	245	726	1	4	24	90	0	0
30	025	PA1647	1	BW 5XF	01	06	93	300	590	1	4	2	92	2	85
31	025	PA1647	2	BW 5XF	01	07	93	345	590	1	4	2	92	2	85
32	026	PA1517	1	BW 71G	01	01	272	286	2043	2	3	12	98	2	85
33	026	PA1517	2	CE 61F	01	01	50	286	386	2	3	12	98	2	85

INVENTORY 1982.POW.BOILERS.
PULP AND PAPER SECTOR

ENT NBR	MILL CODE NBR	PERMIT NBR	CNS NBR	MAKE,YR,C	STK FB NBR	STEAM OUTPUT MT/H	WORK DAYS D/YR	WORK HRS HR/DAY	PR.FUEL TYPE	PR.FUEL %	AUX.FUEL TYPE	AUX.FUEL %	PAE-BOILER TYPE	PAE-BOILER EFF%	SALT CONT 1/100 %
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	001	NOTREQ	1	FW 57F	01	20	239	24	1	98	2	2	0	0	0
2	001	NOTREQ	2	FW 59F	01	20	255	24	1	98	2	2	0	0	0
3	001	NOTREQ	3	FW 64G	02	23	319	24	1	98	2	2	0	0	0
4	001	NOTREQ	4	FW 75E	03	73	328	24	1	98	2	2	0	0	0
5	002	PA1902	1	FW 59F	01	24	315	24	1	100	0	0	3	82	0
6	002	PA1902	2	FW 59F	01	18	315	24	1	100	0	0	3	82	0
7	002	PA1902	3	FW 59F	03	6	315	24	1	100	0	0	3	82	0
8	002	PA1902	4	FW 76E	06	158	315	24	3	90	1	10	34	86	65
9	003	PA1644	1	CE 71E	02	114	350	24	3	80	2	20	33	93	0
10	004	PA3080	1	FW 60G	01	114	335	24	3	80	2	20	3	82	0
11	004	PA3080	2	BW 69G	02	56	345	24	3	80	2	20	3	85	0
12	005	PA3547	1	BW 64G	03	160	335	24	3	50	2	50	3	82	0
13	005	PA3547	2	BW 52F	04	55	150	24	2	100	0	0	0	0	0
14	005	PA3547	3	BW 52F	05	55	150	24	2	100	0	0	0	0	0
15	006	PA3095	1	BW 5XF	03	70	345	24	3	50	1	50	3	82	60
16	006	PA3095	2	BW 5XF	04	70	345	24	3	50	1	50	3	82	60
17	007	VA-14	1	BW 58F	01	18	236	16	3	98	1	2	3	88	0
18	007	VA-14	2	VIRW 53F	02	11	50	16	1	100	0	0	0	0	0
19	007	VA-14	3	VIRW 53F	02	11	50	16	1	100	0	0	0	0	0
20	007	VA-14	4	FW 75E	03	38	236	16	3	98	1	2	33	90	0
21	008	PA1578	1	FW 71G	02	218	350	24	3	70	2	30	3	85	0
22	009	PA2149	1	MITS 71E	02	91	345	24	2	100	0	0	0	0	0
23	010	PA3341	1	BW 5XG	02	18	340	24	3	33	1	67	3	82	60
24	010	PA3341	2	BW 5XG	02	18	340	24	3	33	1	67	3	82	60
25	010	PA3341	3	BW 5XG	02	45	340	24	3	33	1	67	3	82	60
26	010	PA3341	4	CE 5XG	03	0	0	0	1	100	0	0	0	0	0
27	011	PA 3083	1	CE 69G	02	102	345	24	3	25	1	75	3	82	0
28	013	PA2762	1	FW 66G	01	120	345	24	3	37	2	63	3	82	0
29	014	PA1863	1	CE 47F	03	82	0	0	3	80	1	20	3	84	45
30	014	PA1863	2	CE 57G	03	82	254	24	3	80	1	20	3	84	45
31	014	PA1863	3	BW 63G	03	91	254	24	3	80	1	20	3	86	45
32	014	PA1863	4	CE 78E	03	170	254	24	3	80	1	20	3	84	45

INVENTORY 1982.POW.BOILERS.
PULP AND PAPER SECTOR

ENT NBR	MILL CODE NBR	PERMIT NBR	CNS NBR	MAKE,YR,C	STK PB NBR	STEAM OUTPUT MT/H	WORK DAYS D/YR	WORK HRS HR/DAY	PR.FUEL TYPE	PR.FUEL %	AUX.FUEL TYPE	AUX.FUEL %	PAE-BOILER TYPE	PAE-BOILER EFF%	SALT CONT 1/100 %
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
33	015	PA2708	1	CEDO 5XF	03	27	289	24	3	70	1	30	3	84	60
34	015	PA2708	2	CEDO 5XF	03	30	289	24	3	70	1	30	3	84	60
35	015	PA2708	3	CE 5XF	03	33	289	24	3	50	1	50	3	84	60
36	015	PA2708	4	CE 64G	04	145	289	24	3	50	1	50	33	93	60
37	016	VA-39	1	FW 59F	01	14	350	24	2	100	0	0	0	0	0
38	016	VA-39	2	FW 59F	01	8	350	24	2	100	0	0	0	0	0
39	016	VA-39	3	FW 80G	02	9	350	24	2	100	0	0	0	0	0
40	017	PA3149	1	BW 5XG	06	70	311	24	3	70	1	30	13	92	60
41	017	PA3149	2	FW 5XG	06	64	311	24	3	70	1	30	13	92	60
42	017	PA3149	3	BW 5XG	06	75	311	24	3	70	1	30	13	92	60
43	017	PA3149	4	CE NNG	01	163	245	24	1	100	0	0	0	0	0
44	018	PA2559	1	FW 66G	02	136	275	24	3	80	2	20	3	85	0
45	018	PA2559	2	CLEAV66G	03	45	30	24	2	100	0	0	0	0	0
46	018	PA2559	3	CE 83E	08	170	100	24	3	95	2	5	3	85	0
47	020	PA2761	1	FW 66G	02	91	345	24	3	20	2	80	3	93	0
48	021	PA5804	1	SPENC8XE	01	20	350	24	2	100	0	0	0	0	0
49	022	VA-34	1	FW 72E	01	9	350	24	2	100	0	0	0	0	0
50	022	VA-34	2	FW 68G	02	18	350	24	2	100	0	0	0	0	0
51	022	VA-34	3	FW 47F	03	16	350	24	3	80	2	20	33	88	0
52	023	PA3201	1	FW 64G	01	91	261	24	3	60	1	40	32	90	50
53	024	PA3760	1	FW 4XF	02	68	345	24	1	100	0	0	0	0	0
54	024	PA3760	2	FW 4XF	02	68	345	24	1	100	0	0	0	0	0
55	024	PA3760	3	FW 5XF	03	64	345	24	3	65	1	35	3	84	60
56	025	PA1647	1	BW 5XF	02	68	300	24	3	65	1	35	3	82	50
57	025	PA1647	2	BW 5XF	03	82	300	24	1	100	0	0	0	0	0
58	026	PA1517	1	FW 71G	01	159	286	24	3	100	2	0	32	90	0
59	026	PA1517	2	FW 71G	01	159	286	24	3	100	2	0	32	90	0
60	010	PA3341	5	CE 6XG	05	182	340	24	3	88	1	12	32	92	60

INVENTORY 1982.KILNS (CALCINERS).

PULP AND PAPER SECTOR

ENT NBR 1	MILL CODE NBR 2	PERMIT NBR 3	CNS NBR 4	MAKE,YR,C 5	STK KLN NBR 6	CAO OUTPUT MT/D 7	WORK DAYS D/YR 8	PRIM. FUEL 9	SEC. FUEL 10	PAE TYPE 11	KILN EFF% 12
1	002	PA1902	1		04	190	330	1	0	2	94
2	002	PA1902	2		05	190	330	1	0	2	94
3	003	PA1644	1		03	160	317	2	0	2	94
4	004	PA3080	1		03	156	308	2	0	2	94
5	005	PA3547	1		06	216	222	2	0	2	94
6	005	PA3547	2		07	144	222	2	0	2	94
7	006	PA3095	1		06	68	335	1	0	2	92
8	006	PA3095	2		07	109	335	1	0	2	92
9	008	PA1578	1		03	225	335	2	0	2	96
10	009	PA2149	1	CALCINER	03	96	335	2	0	2	94
11	010	PA3341	1		04	180	335	1	0	1	97
12	010	PA3341	2		04	180	335	1	0	1	97
13	011	PA3083	1		03	225	335	2	0	2	94
14	013	PA2762	1		02	163	335	2	0	2	96
15	014	PA1863	1		04	56	0	1	0	2	92
16	014	PA1863	2		05	86	335	1	0	2	92
17	014	PA1863	3		06	155	335	1	0	2	92
18	015	PA2708	1		05	73	289	1	0	2	99
19	015	PA2708	2		06	100	289	1	0	2	99
20	015	PA2708	3		07	145	289	1	0	2	99
21	017	PA3149	1		04	160	335	1	0	2	92
22	018	PA2559	1		04	195	250	2	0	1	99
23	018	PA2559	2		09	225	140	2	0	1	99
24	020	PA2761	1		03	205	332	2	0	2	96
25	023	PA3201	1		02	270	330	1	0	2	93
26	025	PA1647	1		04	90	335	1	0	2	92
27	025	PA1647	2		05	90	335	1	0	2	92
28	026	PA1517	1		02	360	286	2	0	22	97

INVENTORY 1982.POW.BOILERS.

WOOD PROCESSING SECTOR

ENT NBR	MILL CODE NBR	PERMIT NBR	CNS NBR	MAKE,YR,C	STK PB NBR	STEAM OUTPUT MT/H	WORK DAYS D/YR	WORK HRS HR/DAY	PR.FUEL TYPE	PR.FUEL %	AUX.FUEL TYPE	AUX.FUEL %	PAE-BOILER TYPE	PAE-BOILER EFF%	SALT CONT 1/100 %
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	101	PA4215	1	NNHRT82E	01	3.3	30	8	4	100	0	0	0	0	0
2	101	PA4215	2	NNHRT82G	02	3.3	30	8	4	100	0	0	0	0	0
3	102	PA4122	1	SALTN80G	00	9.1	345	24	2	100	0	0	0	0	0
4	102	PA4122	2	MOORE75G	00	6.8	345	24	2	100	0	0	0	0	0
5	102	PA4122	3	MOORE75G	00	6.8	345	24	2	100	0	0	0	0	0
6	102	PA4122	4	MOORE78G	00	6.8	345	24	2	100	0	0	0	0	0
7	103	NOTREQ	1	CLEAV72F	01	1.7	240	8	2	100	0	0	0	0	0
8	104	PA1872	1	CE 66G	01	36.4	240	16	3	100	0	0	3	85	0
9	104	PA1872	2	BW 46G	02	36.4	240	16	3	100	0	0	3	85	0
10	105	PA2751	1	DOHRT50P	01	3.2	93	16	3	100	0	0	3	90	50
11	105	PA2751	2	DOHRT50P	01	3.2	93	16	3	100	0	0	3	90	50
12	105	PA2751	3	DOHRT50P	01	3.2	93	16	3	100	0	0	3	90	50
13	105	PA2751	4	DOHRT50P	01	3.2	93	16	3	100	0	0	3	90	50
14	105	PA2751	5	DOHRT50P	01	3.2	93	16	3	100	0	0	3	90	50
15	105	PA2751	6	DOHRT50P	01	3.2	93	16	3	100	0	0	3	90	50
16	105	PA2751	7	DOHRT50P	01	3.2	93	16	3	100	0	0	3	90	50
17	105	PA2751	8	DOHRT50P	01	3.2	93	16	3	100	0	0	3	90	0
18	105	PA2751	9	DOHRT50P	01	3.2	93	16	3	100	0	0	3	90	0
19	106	PA2244	1	NNDO 52F	01	30.0	125	16	3	95	1	5	32	85	90
20	106	PA2244	2	NNDO 2XF	01	20.0	125	16	3	95	1	5	32	85	90
21	106	PA2244	3	NNDO 2XF	01	11.0	125	16	3	95	1	5	32	85	90
22	106	PA2244	4	NNDO 2XF	01	18.0	125	16	3	95	1	5	32	85	90
23	108	PA1682	1	VMHRT77G	01	3.3	250	16	3	100	0	0	0	0	0
24	110	VA-59	1	FW 52G	01	39.0	250	16	3	95	2	5	3	85	90
25	110	VA-59	2	FW 52F	02	39.0	250	16	2	100	0	0	3	85	0
26	111	PA1938	1	NNHRT48G	01	2.5	125	8	4	100	0	0	0	0	75
27	111	PA1938	2	NNHRT48G	01	2.5	125	8	4	100	0	0	0	0	0
28	111	PA1938	3	NNHRT48G	01	2.5	125	8	4	100	0	0	0	0	0
29	113	PA1746	1	NNHRT64G	01	33.0	250	8	4	100	0	0	0	0	0
30	113	PA1746	2	NNHRT64G	02	2.1	250	8	4	100	0	0	0	0	0
31	114	PA3028	1	NNHRT69G	01	5.2	250	16	4	100	0	0	0	0	0
32	115	PA1596	1	VIHRT65F	01	2.6	250	16	4	100	0	0	0	0	0

INVENTORY 1982.POW.BOILERS.
WOOD PROCESSING SECTOR

ENT NBR	MILL CODE NBR	PERMIT NBR	CNS NBR	MAKE,YR,C	STK PB NBR	STEAM OUTPUT MT/H	WORK DAYS D/YR	WORK HRS HR/DAY	PR.FUEL TYPE	PR.FUEL %	AUX.FUEL TYPE	AUX.FUEL %	PAE-BOILER TYPE	PAE-BOILER EFF%	SALT CONT 1/100 %
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
33	115	PA1596	2	VIHRT69F	02	3.3	250	16	4	100	0	0	0	0	0
34	116	VA-48	1	CE 49G	01	23.0	250	24	3	100	2	0	33	95	60
35	116	VA-48	2	CE 49E	01	23.0	250	16	3	100	2	0	33	95	60
36	116	VA-48	3	CE 49G	01	23.0	250	16	3	100	2	0	33	95	60
37	117	PA2717	1	WYKIP71G	01	34.1	250	24	3	100	0	0	32	95	0
38	117	PA2717	2	WYKIP73G	02	34.1	250	24	3	100	0	0	32	95	0
39	118	PA2082	1	VI 80G	01	8.2	250	24	3	100	0	0	0	0	0
40	118	PA2082	2	BW 65G	02	18.2	250	24	3	85	0	0	0	0	0
41	118	PA2082	3	BW 68G	03	19.1	250	24	3	100	0	0	33	95	0
42	119	PA1772	1	FEATR59G	01	2.3	250	8	2	100	0	0	0	0	0
43	120	PA3898	1	FRCRU80G	00	4.2	250	16	2	100	0	0	0	0	0
44	120	PA3898	2	FRCRU80G	00	4.2	250	16	2	100	0	0	0	0	0
45	121	PA2661	1	BWDO 41G	01	11.4	250	16	3	100	0	0	4	85	0
46	121	PA2661	2	CLEAV64G	02	4.7	250	16	1	100	0	0	0	0	0
47	122	PR2662	1	BW 65G	01	41.0	250	16	3	98	1	2	32	95	0
48	122	PR2662	2	CLEAV62G	02	3.1	0	0	1	100	0	0	0	0	0
49	123	PA1997	1	CLEAV61F	01	2.0	0	0	1	100	0	0	0	0	0
50	124	PA1937	2	DOHRT78G	01	3.3	250	16	4	100	0	0	0	0	0
51	124	PA1937	3	DOHRT64F	01	3.3	250	16	4	100	0	0	0	0	0
52	125	PA2537	1	DOHRT75G	01	3.3	210	24	3	100	0	0	0	0	0
53	127	PA4857	1	CLEAV80G	01	3.1	40	12	2	100	0	0	0	0	0
54	128	PA2996	1	BW 61G	01	36.0	250	16	3	95	1	5	3	70	50
55	128	PA2996	2	RILEY59F	01	11.0	250	16	3	95	1	5	3	70	50
56	129	VA-47	1	FW 54G	01	36.4	250	16	3	95	2	5	3	85	50
57	129	VA-47	2	BW 46F	02	29.5	250	16	3	95	2	5	3	85	50
58	129	VA-47	3	BW 51F	03	29.5	250	16	3	95	2	5	3	85	50
59	131	VA-30	1	SASK 78G	01	4.0	84	16	3	100	2	0	0	0	70
60	131	VA-30	2	SASK 78G	01	4.0	84	16	3	100	2	0	0	0	70
61	131	VA-30	3	SASK 78G	01	4.0	84	16	3	100	2	0	0	0	70
62	132	PA5371	1	DOMINNNF	01	1.0	250	8	3	100	0	0	0	0	0
63	133	PA1796	1	JOHRT74G	01	3.6	250	8	3	100	0	0	4	95	0
64	133	PA1796	2	YA 76F	02	7.3	250	8	3	100	0	0	4	95	0

INVENTORY 1982.POW.BOILERS.
WOOD PROCESSING SECTOR

ENT NBR	MILL CODE NBR	PERMIT NBR	CNS NBR	MAKE,YR,C	STK PB NBR	STEAM OUTPUT MT/H	WORK DAYS D/YR	WORK HRS HR/DAY	PR.FUEL TYPE	PR.FUEL %	AUX.FUEL TYPE	AUX.FUEL %	PAE-BOILER TYPE	PAE-BOILER EFF%	SALT CONT 1/100 %
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
65	134	PA5038	1	PAC 42F	01	4.6	250	16	3	100	0	0	3	90	70
66	136	PA1543	1	YAR 69G	01	36.0	250	8	3	100	0	0	0	0	0
67	136	PA1543	2	YAR 69G	01	36.0	250	8	3	100	0	0	0	0	0
68	136	PA1543	3	CLBR NNG	02	9.0	20	8	2	100	0	0	0	0	0
69	136	PA1543	4	CLBR NNG	03	9.0	20	8	2	100	0	0	0	0	0
70	137	PA3027	1	KONUS82G	01	3.0	230	8	4	100	0	0	0	0	0
71	138	VA-32	1	VIDO 54F	01	11.4	200	24	3	100	0	0	32	92	0
72	138	VA-32	2	FW 81G	02	13.6	100	16	4	50	2	50	0	0	0
73	139	PA1952	1	NNHRT55F	01	5.0	250	24	3	100	0	0	0	0	0
74	139	PA1952	2	NNHRT55F	02	5.0	250	24	3	100	0	0	0	0	0
75	139	PA1952	3	NNHRT55F	03	5.0	250	24	3	100	0	0	0	0	0
76	141	PA2268	1	CLEAV69F	01	7.8	167	16	2	100	0	0	0	0	0
77	142	PA1878	1	MAR 62F	01	14.0	167	16	3	100	0	0	0	0	70
78	143	PA1764	1	KIPP 78G	01	18.2	240	24	3	100	0	0	32	90	0
79	143	PA1764	2	KIPP 78G	02	18.2	240	24	3	100	0	0	32	90	0
80	144	V-45	1	BW 56G	02	22.8	170	16	3	100	0	0	32	92	50
81	146	PA1615	1	CLEAV72G	01	8.2	188	24	2	100	0	0	0	0	0
82	146	PA1615	2	NNDO 56F	02	4.5	188	24	3	100	0	0	0	0	0
83	146	PA1615	3	CLEAV71G	03	1.8	0	0	2	100	0	0	0	0	0
84	146	PA1615	4	CLEAV65G	04	2.6	0	0	2	100	0	0	0	0	0
85	147	PA3725	1	NNHRT49F	01	4.5	240	24	3	100	0	0	0	0	0
86	147	PA3725	2	BW 62F	02	27.3	240	24	3	100	0	0	32	96	0
87	147	PA3725	3	BW 55F	03	13.6	240	24	3	100	0	0	0	0	0
88	148	VA-60	1	BW 64G	01	36.4	246	16	3	90	2	10	35	99	90
89	149	VA-24	1	FW 63G	01	31.8	133	16	3	100	0	0	3	93	50
90	151	PA1513	1	WYKIP71G	01	13.6	250	16	3	100	0	0	3	80	0
91	152	PA4263	1	NNHRT G	01	3.3	250	8	4	100	0	0	0	0	0
92	152	PA4263	2	NNHRT G	01	2.7	250	8	4	100	0	0	0	0	0
93	153	VA-273	1	KONUS80G	01	2.8	250	8	4	100	2	0	4	85	0
94	154	PA3911	1	CLEAV76G	01	1.6	250	16	2	100	0	0	0	0	0
95	154	PA3911	2	CLEAV59G	02	1.1	250	16	2	100	0	0	0	0	0
96	154	PA3911	3	CLEAV54G	03	1.4	250	8	2	100	0	0	0	0	0

INVENTORY 1982.POW.BOILERS.
WOOD PROCESSING SECTOR

ENT NBR	MILL CODE NBR	PERMIT NBR	CNS NBR	MAKE,YR,C	STK PB NBR	STEAM OUTPUT MT/H	WORK DAYS D/YR	WORK HRS HR/DAY	PR.FUEL TYPE	PR.FUEL %	AUX.FUEL TYPE	AUX.FUEL %	PAE-BOILER TYPE	PAE-BOILER EFF%	SALT CONT 1/100 %
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
97	155	PA2818	1	CLEAV65G	01	1.4	150	8	2	100	0	0	0	0	0
98	155	PA2818	2	CLEAV65G	02	1.4	150	8	2	100	0	0	0	0	0
99	156	PA2122	1	BERST81G	01	12.7	250	16	3	100	1	0	3	85	0
100	156	PA2122	2	MIHOT78G	02	.4	250	16	4	100	0	0	3	85	0

ENT NBR	MILL CODE NBR	PERMIT NBR	T	CNS NBR	STK BUR NBR	EMISS. VOLUME M3/MIN	WORK DAYS D/YR	WORK HRS HR/DAY	DIA M	HEIGHT M	ELEV M	TEMP DC
1	2	3		4	5	6	7	8	9	10	11	12
1	101	PA4215	B	1	03	4520	250	16				
2	201	PA3113	B	1	01	1410	250	16				
3	202	PA4263	B	1	01	2825	250	24				
4	203	PA5396	B	1	01	1400	250	16				
5	204	PA3335	B	1	01	510	350	24				
6	204	PA3335	B	2	02	2100	250	16				
7	205	PA5702	CB	1	01	340	250	8				
8	206	PA2412	B	1	01	560	250	16				
9	207	PA6241	B	1	01	280	250	16				
10	208	PA2649	B	1	01	1120	250	8				
11	209	PA2410	B	1	01	3100	250	16				
12	210	PA1970	S	1	01	360	250	16				
13	211	PA1899	B	1	01	1300	250	24				
14	212	PA3009	B	1	01	1420	90	16				
15	213	PA2684	B	1	01	3600	240	24				
16	213	PA2684	B	2	02	3600	240	16				
17	214	PA3008	B	1	01	2830	75	16				
18	215	PA1919	B	1	01	3240	90	16				
19	216	PA3010	B	1	01	2800	90	16				
21	102	PA4122	B	1	02	4800	250	16				
22	217	PA1945	B	1	01	1460	250	24				
23	218	PA2025	B	1	01	170	250	8				
24	218	PA2025	B	2	02	850	250	8				
25	219	PA6090	B	1	01	420	250	10				
28	220	PA2198	B	1	01	480	250	16				
29	221	PA5107	B	1	01	140	250	8				
30	108	PA1682	B	1	02	1960	250	16				
31	108	PA1682	B	2	03	310	250	16				
32	222	PA5217	B	1	01	90	250	8				
34	224	PA2760	B	1	01	1410	250	24				
35	225	PA1676	S	1	01	2300	345	24				
36	225	PA1676	B	2	02	4100	345	24				
37	226	PA3415	B	1	01	4020	250	16				
38	227	PA3785	S	1	01	460	250	9				
39	228	PA5652	CS	1	01	100	250	16				
40	155	PA2818	S	1	01	85	250	8				

ENT NBR 1	MILL CODE NBR 2	PERMIT NBR 3	T	CNS NBR 4	STK BUR NBR 5	EMISS. VOLUME M3/MIN 6	WORK DAYS D/YR 7	WORK HRS HR/DAY 8	DIA M 9	HEIGHT M 10	ELEV M 11	TEMP DC 12
41	111	PA1938	B	1	02	990	250	16				
42	230	PA1955	B	1	01	4240	250	16				
43	231	PA6484	S	1	01	1440	250	16				
44	232	PA2576	B	1	01	8600	300	24				
45	232	PA2576	B	2	02	8600	0	0				
46	232	PA2576	B	3	03	8600	0	0				
47	233	PA4900	S	1	01	140	250	24				
48	234	PA4680	B	1	01	4170	250	16				
49	234	PA4680		2	02	2680	250	16				
50	235	PA5737	B	1	01	1210	250	10				
51	236	PA5694	B	1	01	700	250	16				
52	237	PA4638	B	1	01	180	250	8				
53	238	PA4697	S	1	01	720	250	24				
54	239	PA5571	B	1	01	570	250	16				
55	240	PA3403	K	1	01	990	250	16				
56	241	PA4587	S	1	01	180	250	8				
57	242	PA3336	K	1	01	3660	250	20				
58	242	PA3336	B	2	02	3530	250	20				
59	242	PA3336	B	3	03	480	360	24				
60	243	PA3104		1	01	1320	250	16				
61	243	PA3104	B	2	02	1700	250	16				
62	244	PA3124	B	1	01	2160	250	16				
63	245	PA5100	B	1	01	280	250	16				
64	246	PA6625	S	1	01	280	300	16				
65	247	PA2602	B	1	01	510	250	24				
66	248	PA4283	S	1	01	280	250	8				
67	249	PA6307	S	1	01	130	250	16				
68	250	PA5543	B	1	01	280	250	8				
69	115	PA1596	B	1	03	2110	250	16				
70	113	PA1746	B	1	03	560	250	8				
71	251	PA1648	B	1	01	2540	250	24				
72	252	PA2574	B	1	01	3010	250	24				
73	253	PA2196	B	1	01	420	250	16				
74	254	PA3019	B	1	01	1970	250	16				
75	255	PA5788	B	1	01	190	300	16				
76	119	PA1772	S	1	02	720	250	24				

INVENTORY 1982.WOOD WASTE BURNERS.

ENT NBR 1	MILL CODE NBR 2	PERMIT NBR 3	T	CNS NBR 4	STK BUR NBR 5	EMISS. VOLUME M3/MIN 6	WORK DAYS D/YR 7	WORK HRS HR/DAY 8	DIA M 9	HEIGHT M 10	ELEV M 11	TEMP DC 12
77	123	PA1997	S	1	02	2650	250	16				
78	124	PA1937	B	1	03	1970	250	16				
79	256	PA2009	B	1	01	1490	300	24				
80	256	PA1996	B	2	02	1420	300	24				
81	120	PA3898	B	1	02	2260	300	24				
82	120	PA3898	B	2	03	1700	300	24				
83	257	PA1918	B	1	01	1420	250	8				
84	258	PA2650	B	1	01	700	250	8				
85	259	PA5221	B	1	01	140	250	8				
86	260	PA2339	B	1	01	2540	250	16				
87	121	PA2661	B	1	03	4610	250	24				
88	261	PA1973	B	1	01	2820	300	16				
89	262	PA3911	B	1	01	6900	250	24				
90	263	PA3031	B	1	01	420	250	8				
91	264	PA5544	S	1	01	180	250	16				
92	265	PA1939	B	1	01	710	250	8				
93	266	PA3122	B	1	01	5100	250	16				
94	266	PA3122	B	2	02	560	250	16				
95	267	PA1998	B	1	01	1700	250	8				
96	268	PA5978	S	1	01	480	300	24				
97	269	PA1722	B	1	01	1630	250	16				
98	269	PA1722	B	2	02	1630	250	16				
99	269	PA3057	B	3	03	1630	250	16				
100	270	PA1944	B	1	01	1520	250	12				
101	270	PA1944	B	2	02	1480	250	12				
102	271	PA5037	S	1	01	900	250	16				
103	272	PA1948	K	1	01	4100	300	24				
104	272	PA1949	K	2	02	1130	300	24				
105	272	PA1949	K	3	03	1600	300	24				
106	273	PA5625	K	1	01	3280	250	24				
107	274	PA1923	B	1	01	2120	250	8				
108	275	PA1935	B	1	01	1130	250	16				
109	276	PA1962	B	1	01	1840	250	8				
110	277	PA6056	S	1	01	90	250	8				
111	278	PA1916	B	1	01	470	250	8				
112	279	PA1884	B	1	01	320	250	16				

INVENTORY 1982.WOOD WASTE BURNERS.

ENT NBR 1	MILL CODE NBR 2	PERMIT NBR 3	T	CNS NBR 4	STK BUR NBR 5	EMISS. VOLUME M3/MIN 6	WORK DAYS D/YR 7	WORK HRS HR/DAY 8	DIA M 9	HEIGHT M 10	ELEV M 11	TEMP DC 12
113	279	PA1884	B	2	02	1150	250	16				
114	280	PA5494	B	1	01	70	250	8				
115	281	PA2747	B	1	01	990	250	8				
116	282	PA1987	B	1	01	790	250	8				
117	282	PA1987	B	2	02	790	250	8				
118	283	PA3446	S	1	01	1100	250	8				
119	284	PA3446	B	1	01	1520	300	24				
120	285	PA1750	B	1	01	1240	250	18				
121	286	PA1599	B	1	01	340	250	16				
122	287	PA4084	B	1	01	700	250	8				
123	288	PA6142	B	1	01	1410	250	16				
124	289	PA3679	B	1	01	2120	250	24				
125	290	PA2230	B	1	01	270	250	16				
126	291	PS3799	B	1	01	1420	250	8				
127	292	PA5532	B	1	01	1410	250	16				
128	293	PA5971	S	1	01	290	250	8				
129	294	PA4171	B	1	01	2820	250	8				
130	295	PA2240	B	1	01	850	250	8				
131	296	PA1730	B	1	01	1800	250	16				
132	297	PA1869	B	1	01	2540	250	16				
133	297	PA1869	B	2	02	820	250	16				
134	298	PA3465	S	1	01	1320	250	16				
135	299	PA2000	B	1	01	2820	250	24				
136	300	PA3283	B	1	01	7060	250	16				
137	301	PA3803	B	1	01	560	250	8				
138	302	PA3816	S	1	01	1420	280	8				
139	303	PA3784	B	1	01	260	250	8				
140	304	PA2394	B	1	01	1120	345	24				
142	305	PA5250	B	1	01	340	250	8				
143	306	PA3066	B	1	01	420	250	16				
144	307	PA2002	S	1	01	140	250	16				
145	127	PA4857	B	1	02	1700	250	10				
146	308	PA1835	B	1	01	570	250	24				
147	309	PA2038	B	1	01	230	250	16				
148	310	PA5362	B	1	01	230	345	16				
149	311	PA4443	B	1	01	420	250	8				

INVENTORY 1982.WOOD WASTE BURNERS.

ENT NBR 1	MILL CODE NBR 2	PERMIT NBR 3	T	CNS NBR 4	STK BUR NBR 5	EMISS. VOLUME M3/MIN 6	WORK DAYS D/YR 7	WORK HRS HR/DAY 8	DIA M 9	HEIGHT M 10	ELEV M 11	TEMP DC 12
150	312	PA1941	B	1	01	1610	250	16				
151	313	PA2003	B	1	01	1130	250	8				
152	314	PA3133	B	1	01	1720	345	24				
153	315	PA3384	B	1	01	1980	250	8				
154	316	PA1778	B	1	01	2660	250	24				
155	316	PA1778	B	2	02	2660	250	16				
156	316	PA1778	B	3	03	950	250	16				
157	316	PA1778	S	4	04	580	250	24				
158	317	PA3721	B	1	01	2250	250	16				
159	318	PA4089	B	1	01	2550	250	16				
160	319	PA3038	B	1	01	850	250	8				
161	320	PA3339	B	1	01	280	250	8				
162	321	PA1943	B	1	01	400	250	8				
163	321	PA1943	B	2	02	180	250	8				
164	322	PA2675	B	1	01	910	250	16				
165	323	PA1846	B	1	01	3960	250	16				
166	323	PA1846	B	2	02	3960	345	24				
167	324	PA1957	B	1	01	2830	250	24				
168	137	PA3027	B	1	02	15260	250	16				
169	325	PA3719	B	1	01	3170	250	16				
170	136	PA1543	B	1	04	340	345	24				
171	136	PA1543	B	2	05	5620	250	24				
172	326	PA1565	B	1	01	560	250	16				
173	327	PA4892	B	1	01	2820	300	16				
174	328	PA1691	S	1	01	1970	345	16				
175	328	PA1691	B	2	02	1970	345	16				
176	329	PA1675	B	1	01	1270	345	24				
177	329	PA1675	B	2	02	1500	345	24				
178	133	PA1796	B	1	03	1270	345	24				
179	133	PA1796	B	2	04	680	250	16				
180	330	PA3032	B	1	01	3380	250	16				
181	330	PA3032	B	2	02	3380	250	16				
182	331	PA3946	B	1	01	1140	250	8				
183	332	PA2180	B	1	01	700	250	8				
184	333	PA6314	B	1	01	1440	250	8				
185	334	PA2484	B	1	01	700	250	4				

ENT NBR 1	MILL CODE NBR 2	PERMIT NBR 3	T	CNS NBR 4	STK BUR NBR 5	EMISS. VOLUME M3/MIN 6	WORK DAYS D/YR 7	WORK HRS HR/DAY 8	DIA M 9	HEIGHT M 10	ELEV M 11	TEMP DC 12
186	334	PA2484	B	2	02	1240	250	4				
187	334	PA2484	B	3	03	3530	250	24				
189	335	PA3034	B	1	01	5620	250	16				
190	336	PA1951	B	1	01	1780	345	24				
191	139	PA1952	B	1	04	2820	345	24				
192	337	PA1934	B	1	01	1510	250	16				
193	338	PA5366	B	1	01	1700	250	16				
194	339	PA5375	B	1	01	2140	250	24				
195	340	PA3064	B	1	01	4530	345	24				
196	341	PA5685	S	1	01	560	250	8				
197	342	PA2429	B	1	01	700	250	24				
198	343	PA5271	B	1	01	1410	250	8				
199	344	PA2558	B	1	01	3400	250	16				
200	345	PA4457	S	1	01	570	250	8				
201	346	PA1954	B	1	01	600	250	16				
202	347	PA2008	B	1	01	2400	250	24				
203	348	PA2011	B	1	01	1700	300	24				
204	349	PA6270	S	1	01	130	250	16				
205	350	PA5106	S	1	01	990	250	8				
206	351	PA1787	B	1	01	2020	250	16				
207	351	PA1787	B	2	02	2880	250	16				
208	352	PA1942	B	1	01	400	250	16				
209	353	PA2139	B	1	01	280	250	24				
210	354	PA6083	S	1	01	190	250	16				
211	355	PA1605	B	1	01	2550	345	24				
212	356	PA5286	B	1	01	700	250	6				
213	357	PA1842	B	1	01	2300	250	24				
214	358	PA2978	B	1	01	1130	300	24				
215	134	PA5038	B	1	02	1700	250	24				
216	359	PA4574	B	1	01	1400	250	16				
217	360	PA3718	B	1	01	1400	250	18				
218	360	PA3718	B	2	02	1400	250	18				
219	361	PA4210	B	1	01	1400	250	16				
220	362	PA5548	S	1	01	600	250	8				
221	363	PA3337	B	1	01	1080	250	16				
222	364	PA6163	B	1	01	800	200	10				

INVENTORY 1982.WOOD WASTE BURNERS.

ENT NBR 1	MILL CODE NBR 2	PERMIT NBR 3	T	CNS NBR 4	STK BUR NBR 5	EMISS. VOLUME M3/MIN 6	WORK DAYS D/YR 7	WORK HRS HR/DAY 8	DIA M 9	HEIGHT M 10	ELEV M 11	TEMP DC 12
223	365	PA3478	B	1	01	4250	250	16				
224	366	PA2725	B	1	01	570	250	16				
225	367	PA4206	K	1	01	2820	250	16				
226	368	PA2190	B	1	01	950	345	24				
227	368	PA2190	B	2	02	850	250	16				
228	141	PA2268	B	1	02	2830	345	24				
229	141	PA2268	B	2	03	5620	345	24				
230	369	PA3105	B	1	01	1970	250	18				
231	370	PA5944	B	1	01	1700	250	16				
232	371	PA2728	B	1	01	1420	250	13				
233	372	PA5382	B	1	01	250	250	16				
234	373	PA1762	B	1	01	850	300	24				
235	374	PA1940	B	1	01	260	250	8				
236	375	PA4197	B	1	01	560	250	8				
237	376	PA5283	S	1	01	360	250	16				
238	377	PA3021	K	1	01	90	250	16				
239	146	PA1615	B	1	04	1130	250	18				
240	146	PA1615	B	1	05	1130	250	18				
241	146	PA1615	B	1	06	860	250	18				
242	143	PA1764	B	1	03	1770	340	24				
243	143	PA1764	B	2	04	790	340	24				
244	147	PA3725	B	1	04	3730	345	24				
245	378	PA1548	B	1	01	320	340	2				
246	379	PA1832	B	1	01	1440	250	8				
247	151	PA1513	B	1	02	1080	250	3				
248	380	PA1847	B	1	01	3960	250	16				
249	381	PA2019	B	1	01	850	300	24				
250	382	PA2414	B	1	01	850	250	24				
251	383	PA4355	S	1	01	360	250	8				
252	384	PA3039	B	1	01	480	250	16				
253	385	PA6237	B	1	01	340	250	16				
254	386	PA3406	B	1	01	2820	250	16				
255	387	PA3096	B	1	01	1970	250	16				
256	388	PA3089	B	1	01	2820	250	8				
257	388	PA3089	B	2	02	2820	250	8				
258	389	PA6512	S	1	01	99	250	16				

SECTION 4

EMISSION INVENTORY

MILL CODE: ANNMP001 N
MILL 001 :BELKIN PACKAGING LTD.
PRIM. PRODUCT: PAPER/BOARD

BELKIN PAPERBOARD
OUTPUT IN 1982: 32000 ADMT/Y

EMISSION INVENTORY 1982

EMISSION POINT (STACK) NBR	DIA M	HEIGHT M	TEMP DC		VOLUME $4 M3/MIN	PARTICULATE TOTAL$9 T/Y	PARTICULATE L10MCR$3 T/Y	SO2 $5 T/Y	CO $5 T/Y	NOX $3 T/Y	HC $5 T/Y	SOURCE OF EMISSION	SOURCE FILE ENTRY	PRIM. FUEL
					336	18	12	226	5	60$5	1	POW.BLR.	1	OIL
					336	19	13	241	5	63$5	1	POW.BLR.	2	OIL
01	2.05	12		*	672	37	25	467	10	123	2			
02	2.05	12		*	386	28	18	347	8	91$5	2	POW.BLR.	3	OIL
03	1.00	12		*	1226	91	59	1132	25	298$5	5	POW.BLR.	4	OIL
04	1.85	13		*	0	0	0	0	0	0	0		0	
T O T A L E M I S S I O N **					2284	156	102	1946	43	512	9			

MILL CODE: AKTMP002 N
MILL 002 :BRITISH COLUMBIA FOREST PRODUCTS LTD. CROFTON PULP & PAPER DIV.
PRIM. PRODUCT: KRAFT PULP OUTPUT IN 1982: 302000 ADMT/Y

EMISSION POINT (STACK) NBR	DIA M	HEIGHT M	TEMP DC		VOLUME $4 M3/MIN	PARTICULATE TOTAL$9 T/Y	PARTICULATE L10MCR$3 T/Y	SO2 $5 T/Y	CO $5 T/Y	NOX $3 T/Y	HC $5 T/Y	SOURCE OF EMISSION	SOURCE FILE ENTRY	PRIM. FUEL
					2732	816	433	340	204	129	0	REC.BLR.	1	BL.LIQ.
					2732	816	433	340	204	129	0	REC.BLR.	2	BL.LIQ.
					403	5	3	365	8	96$5	2	POW.BLR.	5	OIL
					302	4	3	274	6	72$5	1	POW.BLR.	6	OIL
01	4.57	76		*	6169	1641	872	1319	422	426	3			
02	4.57	76		*	3337	374	198	415	249	157	0	REC.BLR.	3	BL.LIQ.
03	1.80	40		*	101	1	1	91	2	24$5	0	POW.BLR.	7	OIL
04	1.67	30		*	627	280	277	21	972	155	0	KILN	1	OIL
05	1.21	28		*	627	280	277	21	972	155	0	KILN	2	OIL
06	3.05	76		*	6911	2375	2019	536	1480	357	1769	POW.BLR.	8	HOG
07	1.21	41		*	338	41	37	7	0	0	0	DISS.TK.	1	
08	1.21	41		*	338	41	37	7	0	0	0	DISS.TK.	2	
09	1.21	41		*	413	50	45	8	0	0	0	DISS.TK.	3	
T O T A L E M I S S I O N				**	18861	5083	3763	2425	4097	1274	1772			

MILL CODE: AKNNN003 N
MILL 003 :BRITISH COLUMBIA FOREST PRODUCTS LTD. MACKENZIE DIVISION
PRIM. PRODUCT: KRAFT PULP OUTPUT IN 1982: 168000 ADMT/Y

EMISSION INVENTORY 1982

EMISSION POINT (STACK) NBR	DIA M	HEIGHT M	TEMP DC		VOLUME $4 M3/MIN	PARTICULATE TOTAL$9 T/Y	PARTICULATE L10MCR$3 T/Y	SO2 $5 T/Y	CO $5 T/Y	NOX $3 T/Y	HC $5 T/Y	SOURCE OF EMISSION	SOURCE FILE ENTRY	PRIM. FUEL
01	3.35	67		*	4229	435	231	484	290	183	0	REC.BLR.	4	BL.LIQ.
02	3.00	67		*	3639	338	220	145	971	239	1159	POW.BLR.	9	HOG
03	1.67	30		*	528	226	224	17	786	126	0	KILN	3	GAS
04	1.29	54		*	523	58	52	10	0	0	0	DISS.TK.	4	
T O T A L E M I S S I O N				**	8919	1057	727	656	2047	548	1159			

MILL CODE: AKNNN004 N
MILL 004 :B.C. TIMBER LTD.
PRIM. PRODUCT: KRAFT PULP

OUTPUT IN 1982: 164000 ADMT/Y

CELGAR PULP DIVISION

EMISSION INVENTORY 1982

EMISSION POINT (STACK) NBR	DIA M	HEIGHT M	TEMP DC		VOLUME $4 M3/MIN	PARTICULATE TOTAL$9 T/Y	PARTICULATE L10MCR$3 T/Y	SO2 $5 T/Y	CO $5 T/Y	NOX $3 T/Y	HC $5 T/Y	SOURCE OF EMISSION	SOURCE FILE ENTRY	PRIM. FUEL
					4055	135	72	451	270	171	0	REC.BLR.	5	BL.LIQ.
					3639	832	541	139	929	229	1110	POW.BLR.	10	HOG
01	4.26	76		*	7694	967	613	590	1199	400	1110			
02	2.13	61		*	1788	351	228	70	470	116	561	POW.BLR.	11	HOG
03	1.34	22		*	515	214	212	16	745	119	0	KILN	4	GAS
04	1.21	30		*	502	54	49	9	0	0	0	DISS.TK.	5	
T O T A L E M I S S I O N **					10499	1586	1102	685	2414	635	1671			

MILL CODE: AKNNN005 N
MILL 005 :B.C. TIMBER LTD.
PRIM. PRODUCT: KRAFT PULP

OUTPUT IN 1982: 225000 ADMT/Y NORTHERN PULP OPERATIONS

EMISSION INVENTORY 1982

EMISSION POINT (STACK) NBR	DIA M	HEIGHT M	TEMP DC		VOLUME $4 M3/MIN	PARTICULATE TOTAL$9 T/Y	L10MCR$3 T/Y	SO2 $5 T/Y	CO $5 T/Y	NOX $3 T/Y	HC $5 T/Y	SOURCE OF EMISSION	SOURCE FILE ENTRY	PRIM. FUEL
01	4.11	61		*	5820	1055	559	704	422	266	0	REC.BLR.	6	BL.LIQ.
02	3.30	61		*	4656	169	89	563	338	213	0	REC.BLR.	7	BL.LIQ.
03	3.60	61		*	3192	730	475	122	830	351	976	POW.BLR.	12	HOG
04	1.80	40		*	1117	1	1	0	5	50$5	1	POW.BLR.	13	GAS
05	2.00	40		*	1117	1	1	0	5	50$5	1	POW.BLR.	14	GAS
06	1.83	31		*	713	214	212	16	743	119	0	KILN	5	GAS
07	1.52	31		*	475	143	141	11	496	79	0	KILN	6	GAS
08	1.95	31		*	720	84	76	14	0	0	0	DISS.TK.	6	
09	1.95	31		*	576	68	61	11	0	0	0	DISS.TK.	7	
T O T A L E M I S S I O N **					18386	2465	1615	1441	2839	1128	978			

MILL CODE: AKNNN006 N
MILL 006 :CANADIAN FOREST PRODUCTS LTD. HOWE SOUND PULP DIV.
PRIM. PRODUCT: KRAFT PULP OUTPUT IN 1982: 180000 AADMT/Y

EMISSION INVENTORY 1982

EMISSION POINT (STACK) NBR	DIA M	HEIGHT M	TEMP DC		VOLUME $4 M3/MIN	PARTICULATE TOTAL$9 T/Y	PARTICULATE L10MCR$3 T/Y	SO2 $5 T/Y	CO $5 T/Y	NOX $3 T/Y	HC $5 T/Y	SOURCE OF EMISSION	SOURCE FILE ENTRY	PRIM. FUEL
01	1.67	14		*	1397	209	111	174	104	66	0	REC.BLR.	8	BL.LIQ.
02	1.67	17		*	1203	180	95	150	90	57	0	REC.BLR.	9	BL.LIQ.
03	2.44	42		*	1701	702	597	825	414	275	480	POW.BLR.	15	HOG
04	2.44	42		*	1701	702	597	825	414	275	480	POW.BLR.	16	HOG
05	3.04	19		*	3104	348	184	386	232	146	0	REC.BLR.	10	BL.LIQ.
06	1.21	13		*	224	135	134	8	353	56	0	KILN	7	OIL
07	1.21	13		*	360	217	215	12	566	91	0	KILN	8	OIL
08	.80	16		*	173	21	19	3	0	0	0	DISS.TK.	8	
09	.85	22		*	149	18	16	3	0	0	0	DISS.TK.	9	
10	1.34	28		*	384	46	42	8	0	0	0	DISS.TK.	10	
T O T A L E M I S S I O N **					10396	2578	2010	2394	2173	966	960			

MILL CODE: ANNMP007 N
MILL 007 :CANADIAN FOREST PRODUCTS LTD. PLYWOOD & HARDBOARD DIV.
PRIM. PRODUCT: PAPER/BOARD OUTPUT IN 1982: 41000 ADMT/Y

EMISSION POINT (STACK) NBR	DIA M	HEIGHT M	TEMP DC		VOLUME $4 M3/MIN	PARTICULATE TOTAL$9 T/Y	PARTICULATE L10MCR$3 T/Y	SO2 $5 T/Y	CO $5 T/Y	NOX $3 T/Y	HC $5 T/Y	SOURCE OF EMISSION	SOURCE FILE ENTRY	PRIM. FUEL
01	1.50	24		*	704	50	33	16	84	17	101	POW.BLR.	17	HOG
					185	1	1	18	0	5$5	0	POW.BLR.	18	OIL
					185	1	1	18	0	5$5	0	POW.BLR.	19	OIL
02	1.50	24		*	370	2	2	36	0	10	0			
03	1.50	42		*	1486	89	58	34	177	35	213	POW.BLR.	20	HOG
T O T A L E M I S S I O N				**	2560	141	93	86	261	62	314			

MILL CODE: AKNNN008 N
MILL 008 :CARIBOO PULP & PAPER CO.
PRIM. PRODUCT: KRAFT PULP OUTPUT IN 1982: 236000 QUESNEL ADMT/Y

EMISSION INVENTORY 1982

EMISSION POINT (STACK) NBR	DIA M	HEIGHT M	TEMP DC		VOLUME $4 M3/MIN	PARTICULATE TOTAL$9 T/Y	PARTICULATE L10MCR$3 T/Y	SO2 $5 T/Y	CO $5 T/Y	NOX $3 T/Y	HC $5 T/Y	SOURCE OF EMISSION	SOURCE FILE ENTRY	PRIM. FUEL
01	4.20	67		*	5285	389	206	648	389	245	0	REC.BLR.	11	BL.LIQ.
02	4.00	60		*	6089	1212	788	243	1632	471	1941	POW.BLR.	21	HOG
03	1.67	29		*	743	224	222	25	1168	187	0	KILN	9	GAS
04	1.21	60		*	654	78	70	13	0	0	0	DISS.TK.	11	
T O T A L E M I S S I O N				**	12771	1903	1286	929	3189	903	1941			

MILL CODE: AKNNN009 N
MILL 009 :CRESTBROOK FOREST INDUSTRIES LTD. CRESTBROOK FOREST IND. PULPING DIV.
PRIM. PRODUCT: KRAFT PULP OUTPUT IN 1982: 141000 ADMT/Y

EMISSION POINT (STACK) NBR	DIA M	HEIGHT M	TEMP DC		VOLUME $4 M3/MIN	PARTICULATE TOTAL$9 T/Y	PARTICULATE L10MCR$3 T/Y	SO2 $5 T/Y	CO $5 T/Y	NOX $3 T/Y	HC $5 T/Y	SOURCE OF EMISSION	SOURCE FILE ENTRY	PRIM. FUEL
01	3.65	56		*	2995	447	237	373	224	141	0	REC.BLR.	12	BL.LIQ.
02	3.70	47		*	1847	5	4	1	18	190$5	3	POW.BLR.	22	GAS
03	1.52	26		*	317	143	142	11	498	80	0	KILN	10	GAS
04	.40	16		*	371	45	40	7	0	0	0	DISS.TK.	12	
T O T A L E M I S S I O N				**	5530	640	423	392	740	411	3			

MILL CODE: AKTMP010 NPY
MILL 010 :CROWN ZELLERBACH CANADA LTD. ELK FALLS MILL
PRIM. PRODUCT: KRAFT PULP OUTPUT IN 1982: 303000 ADMT/Y

EMISSION POINT (STACK) NBR	DIA M	HEIGHT M	TEMP DC		VOLUME $4 M3/MIN	PARTICULATE TOTAL$9 T/Y	PARTICULATE L10MCR$3 T/Y	SO2 $5 T/Y	CO $5 T/Y	NOX $3 T/Y	HC $5 T/Y	SOURCE OF EMISSION	SOURCE FILE ENTRY	PRIM. FUEL
					2468	363	193	303	182	115	0	REC.BLR.	13	BL.LIQ.
					5432	200	106	666	400	252	0	REC.BLR.	14	BL.LIQ.
01	2.90	106		*	7900	563	299	969	582	367	0			
					289	119	101	270	72	81	81	POW.BLR.	23	HOG
					289	119	101	270	72	81	81	POW.BLR.	24	HOG
					722	298	253	674	180	202	202	POW.BLR.	25	HOG
02	3.60	45		*	1300	536	455	1214	324	364	364			
03	1.00	25		*	0	0	0	0	0	0$5	0	POW.BLR.	26	OIL
					594	134	133	20	935	150	0	KILN	11	OIL
					594	134	133	20	935	150	0	KILN	12	OIL
04	2.75	30		*	1188	268	266	40	1870	300	0			
05	3.60	55		*	7784	2223	1890	739	1801	457	2151	POW.BLR.	60	HOG
06	.90	37		*	305	36	33	6	0	0	0	DISS.TK.	13	
07	1.82	52		*	672	80	72	13	0	0	0	DISS.TK.	14	
T O T A L E M I S S I O N **					19149	3706	3015	2981	4577	1488	2515			

MILL CODE: AKNNP011 NPY

MILL 011 :EUROCAN PULP & PAPER CO. LTD. KITIMAT

PRIM. PRODUCT: KRAFT PULP OUTPUT IN 1982: 290000 ADMT/Y

EMISSION INVENTORY 1982

EMISSION POINT (STACK) NBR	DIA M	HEIGHT M	TEMP DC		VOLUME $4 M3/MIN	PARTICULATE TOTAL$9 T/Y	PARTICULATE L10MCR$3 T/Y	SO2 $5 T/Y	CO $5 T/Y	NOX $3 T/Y	HC $5 T/Y	SOURCE OF EMISSION	SOURCE FILE ENTRY	PRIM. FUEL
01	4.26	64		*	5459	612	324	680	408	257	0	REC.BLR.	15	BL.LIQ.
02	2.40	51		*	1017	264	171	1712	303	490	326	POW.BLR.	27	HOG
03	1.52	30		*	743	336	333	25	1168	187	0	KILN	13	GAS
04	1.82	64		*	675	82	73	14	0	0	0	DISS.TK.	15	
T O T A L E M I S S I O N **					7894	1294	901	2431	1879	934	326			

MILL CODE: AKNNN013 N
MILL 013 :INTERCONTINENTAL PULP CO. LTD.
PRIM. PRODUCT: KRAFT PULP OUTPUT IN 1982: 186000 INTERCONTINENTAL PULP ADMT/Y

EMISSION POINT (STACK) NBR	DIA M	HEIGHT M	TEMP DC		VOLUME $4 M3/MIN	PARTICULATE TOTAL$9 T/Y	PARTICULATE L10MCR$3 T/Y	SO2 $5 T/Y	CO $5 T/Y	NOX $3 T/Y	HC $5 T/Y	SOURCE OF EMISSION	SOURCE FILE ENTRY	PRIM. FUEL
					4889	620	329	517	310	196	0	REC.BLR.	16	BL.LIQ.
					1772	418	272	70	482	281	559	POW.BLR.	28	HOG
01	3.80	76		*	6661	1038	601	587	792	477	559			
02	1.80	30		*	538	162	161	18	846	135	0	KILN	14	GAS
03	1.82	54		*	605	62	56	10	0	0	0	DISS.TK.	16	
T O T A L E M I S S I O N **					7804	1262	818	615	1638	612	559			

MILL CODE: AKNMP014 NPY
MILL 014 :MACMILLAN BLOEDEL LTD. ALBERNI PULP & PAPER DIV.
PRIM. PRODUCT: KRAFT PULP OUTPUT IN 1982: 220000 ADMT/Y

EMISSION INVENTORY 1982

EMISSION POINT (STACK) NBR	DIA M	HEIGHT M	TEMP DC		VOLUME $4 M3/MIN	PARTICULATE TOTAL$9 T/Y	PARTICULATE L10MCR$3 T/Y	SO2 $5 T/Y	CO $5 T/Y	NOX $3 T/Y	HC $5 T/Y	SOURCE OF EMISSION	SOURCE FILE ENTRY	PRIM. FUEL
01	3.05	68		*	0	0	0	0	0	0	0	REC.BLR.	17	BL.LIQ.
					1633	244	129	203	122	77	0	REC.BLR.	18	BL.LIQ.
					2243	335	178	279	168	106	0	REC.BLR.	19	BL.LIQ.
02	3.65	68		*	3876	579	307	482	290	183	0			
					0	0	0	0	0	0	0	POW.BLR.	29	HOG
					3188	787	669	346	554	171	659	POW.BLR.	30	HOG
					3538	812	690	384	614	190	731	POW.BLR.	31	HOG
					6610	1631	1387	718	1148	355	1365	POW.BLR.	32	HOG
03	4.57	68		*	13336	3230	2746	1448	2316	716	2755			
04	1.20	30		*	0	0	0	0	0	0	0	KILN	15	OIL
05	1.20	30		*	284	171	170	10	447	71	0	KILN	16	OIL
06	1.37	30		*	512	309	306	17	805	129	0	KILN	17	OIL
07	.60	36		*	0	0	0	0	0	0	0	DISS.TK.	17	
08	.60	36		*	202	24	22	4	0	0	0	DISS.TK.	18	
09	.60	36		*	277	34	30	6	0	0	0	DISS.TK.	19	
T O T A L E M I S S I O N **					18487	4347	3581	1967	3858	1099	2755			

MILL CODE: AKNNN015 NPY
MILL 015 :MACMILLAN BLOEDEL LTD. HARMAC PULP DIV.
PRIM. PRODUCT: KRAFT PULP OUTPUT IN 1982: 400000 ADMT/Y

EMISSION INVENTORY 1982

EMISSION POINT (STACK) NBR	DIA M	HEIGHT M	TEMP DC		VOLUME $4 M3/MIN	PARTICULATE TOTAL$9 T/Y	PARTICULATE L10MCR$3 T/Y	SO2 $5 T/Y	CO $5 T/Y	NOX $3 T/Y	HC $5 T/Y	SOURCE OF EMISSION	SOURCE FILE ENTRY	PRIM. FUEL
					2386	597	317	249	149	94	0	REC.BLR.	20	BL.LIQ.
					2592	1216	645	270	162	102	0	REC.BLR.	21	BL.LIQ.
01	3.65	76		*	4978	1813	962	519	311	196	0			
02	3.65	76		*	5044	1105	585	526	316	199	0	REC.BLR.	22	BL.LIQ.
					919	296	252	175	183	72	216	POW.BLR.	33	HOG
					1021	329	280	195	203	81	240	POW.BLR.	34	HOG
					802	261	222	326	163	109	189	POW.BLR.	35	HOG
03	3.56	59		*	2742	886	754	696	549	262	645			
04	3.05	61		*	3524	827	703	1431	718	478	832	POW.BLR.	36	HOG
05	1.27	30		*	241	16	16	7	327	52	0	KILN	18	OIL
06	1.10	30		*	330	21	21	10	448	72	0	KILN	19	OIL
07	1.22	30		*	479	31	31	14	650	104	0	KILN	20	OIL
08	.90	26		*	295	30	27	5	0	0	0	DISS.TK.	20	
09	.90	26		*	321	32	29	5	0	0	0	DISS.TK.	21	
10	1.27	48		*	624	63	57	11	0	0	0	DISS.TK.	22	
T O T A L E M I S S I O N **					18578	4824	3185	3224	3319	1363	1477			

MILL CODE: ANNMP016 N
MILL 016 :MACMILLAN BLOEDEL LTD. ISLAND PAPER MILLS DIV.
PRIM. PRODUCT: PAPER/BOARD OUTPUT IN 1982: 32000 ADMT/Y

EMISSION INVENTORY 1982

EMISSION POINT (STACK) NBR	DIA M	HEIGHT M	TEMP DC		VOLUME $4 M3/MIN	PARTICULATE TOTAL$9 T/Y	PARTICULATE L10MCR$3 T/Y	SO2 $5 T/Y	CO $5 T/Y	NOX $3 T/Y	HC $5 T/Y	SOURCE OF EMISSION	SOURCE FILE ENTRY	PRIM. FUEL
					284	1	1	0	3	30$5	1	POW.BLR.	37	GAS
					162	0	0	0	2	17$5	0	POW.BLR.	38	GAS
01	1.20	20		*	446	1	1	0	5	47	1			
02	1.50	20		*	183	1	0	0	2	19$5	0	POW.BLR.	39	GAS
T O T A L E M I S S I O N				**	629	2	1	0	7	66	1			

MILL CODE: AKTMP017 NPY
MILL 017 :MACMILLAN BLOEDEL LTD. POWELL RIVER DIV.
PRIM. PRODUCT: KRAFT PULP OUTPUT IN 1982: 190000 AD,T/Y

EMISSION INVENTORY 1982

EMISSION POINT (STACK) NBR	DIA M	HEIGHT M	TEMP DC		VOLUME $4 M3/MIN	PARTICULATE TOTAL$9 T/Y	L10MCR$3 T/Y	SO2 $5 T/Y	CO $5 T/Y	NOX $3 T/Y	HC $5 T/Y	SOURCE OF EMISSION	SOURCE FILE ENTRY	PRIM. FUEL
					4229	361	191	401	241	152	0	REC.BLR.	23	BL.LIQ.
					2738	154	100	1926	42	507$5	8	POW.BLR.	43	OIL
01	5.33	121		*	6967	515	291	2327	283	659	8			
03	4.00	70		*	0	0	0	0	0	0	0		0	
04	3.35	30		*	528	319	315	18	831	133	0	KILN	21	OIL
05	3.50	54		*	523	48	43	8	0	0	0	DISS.TK.	23	
					2381	624	530	489	510	202	603	POW.BLR.	40	HOG
					2177	570	485	447	466	185	551	POW.BLR.	41	HOG
					2552	669	568	524	547	217	646	POW.BLR.	42	HOG
06	3.15	75		*	7110	1863	1583	1460	1523	604	1800			
T O T A L E M I S S I O N				**	15128	2745	2232	3813	2637	1396	1808			

MILL CODE: AKNNN018 NPY
MILL 018 :NORTHWOOD PULP AND TIMBER LTD. NORTHWOOD
PRIM. PRODUCT: KRAFT PULP OUTPUT IN 1982: 192000 ADMT/Y

EMISSION POINT (STACK) NBR	DIA M	HEIGHT M	TEMP DC		VOLUME $4 M3/MIN	PARTICULATE TOTAL$9 T/Y	PARTICULATE L10MCR$3 T/Y	SO2 $5 T/Y	CO $5 T/Y	NOX $3 T/Y	HC $5 T/Y	SOURCE OF EMISSION	SOURCE FILE ENTRY	PRIM. FUEL
01	3.65	60		*	5277	257	136	428	257	162	0	REC.BLR.	24	BL.LIQ.
02	3.65	55		*	4341	679	441	136	910	224	1087	POW.BLR.	44	HOG
03	1.83	34		*	914	0	0	0	1	8$5	0	POW.BLR.	45	GAS
04	1.52	30		*	644	36	36	16	756	121	0	KILN	22	GAS
05	1.82	60		*	653	17	15	9	0	0	0	DISS.TK.	24	
06	3.65	60		*	5820	82	43	273	164	103	0	REC.BLR.	25	BL.LIQ.
07	1.82	60		*	720	11	10	5	0	0	0	DISS.TK.	25	
08	3.65	55		*	6444	366	238	73	489	97	586	POW.BLR.	46	HOG
T O T A L E M I S S I O N				**	24813	1448	919	940	2577	715	1673			

MILL CODE: AKNNP020 N
MILL 020 :PRINCE GEORGE PULP & PAPER LTD.
PRIM. PRODUCT: KRAFT PULP OUTPUT IN 1982: 230000 ADMT/Y

PRINCE GEORGE PULP & PAPER

EMISSION POINT (STACK) NBR	DIA M	HEIGHT M	TEMP DC		VOLUME $4 M3/MIN	PARTICULATE TOTAL$9 T/Y	PARTICULATE L10MCR$3 T/Y	SO2 $5 T/Y	CO $5 T/Y	NOX $3 T/Y	HC $5 T/Y	SOURCE OF EMISSION	SOURCE FILE ENTRY	PRIM. FUEL
01	3.96	60		*	3880	558	296	465	279	176	0	REC.BLR.	26	BL.LIQ.
02	3.05	56		*	726	67	43	29	208	223	231	POW.BLR.	47	HOG
03	1.30	29		*	677	202	200	22	1055	169	0	KILN	24	GAS
04	1.80	54		*	480	56	50	9	0	0	0	DISS.TK.	26	
05	3.00	60		*	1762	63	34	211	127	80	0	REC.BLR.	27	BL.LIQ.
06	1.50	54		*	218	25	23	4	0	0	0	DISS.TK.	27	
T O T A L E M I S S I O N				**	7743	971	646	740	1669	648	231			

MILL CODE: ANTMN021 N
MILL 021 :QUESNEL RIVER PULP CO. QUESNEL RIVER, QUESNEL
PRIM. PRODUCT: THERMO MECH. PULP OUTPUT IN 1982: 150000 ADMT/Y

EMISSION POINT (STACK) NBR	DIA M	HEIGHT M	TEMP DC		VOLUME $4 M3/MIN	PARTICULATE TOTAL$9 T/Y	PARTICULATE L10MCR$3 T/Y	SO2 $5 T/Y	CO $5 T/Y	NOX $3 T/Y	HC $5 T/Y	SOURCE OF EMISSION	SOURCE FILE ENTRY	PRIM. FUEL
01	.90	12		*	406	1	1	0	4	42$5	1	POW.BLR.	48	GAS
T O T A L E M I S S I O N **					406	1	1	0	4	42	1			

MILL CODE: ANNMP022 N
MILL 022 :SCOTT PAPER LTD. WESTERN MANUFACTURING DIV.
PRIM. PRODUCT: PAPER/BOARD OUTPUT IN 1982: 22000 ADMT/Y

EMISSION INVENTORY 1982

EMISSION POINT (STACK) NBR	DIA M	HEIGHT M	TEMP DC		VOLUME $4 M3/MIN	PARTICULATE TOTAL$9 T/Y	PARTICULATE L10MCR$3 T/Y	SO2 $5 T/Y	CO $5 T/Y	NOX $3 T/Y	HC $5 T/Y	SOURCE OF EMISSION	SOURCE FILE ENTRY	PRIM. FUEL
01	.76	14		*	183	1	0	0	2	19$5	0	POW.BLR.	49	GAS
02	.91	17		*	365	1	1	0	4	38$5	1	POW.BLR.	50	GAS
03	1.90	20		*	511	81	53	20	136	34	163	POW.BLR.	51	HOG
T O T A L , E M I S S I O N				**	1059	83	54	20	142	91	164			

MILL CODE: AKNNN023 N
MILL 023 :TAHSIS CO. LTD.
PRIM. PRODUCT: KRAFT PULP OUTPUT IN 1982: 176000 GOLD RIVER ADMT/Y

EMISSION POINT (STACK) NBR	DIA M	HEIGHT M	TEMP DC		VOLUME $4 M3/MIN	PARTICULATE TOTAL$9 T/Y	PARTICULATE L10MCR$3 T/Y	SO2 $5 T/Y	CO $5 T/Y	NOX $3 T/Y	HC $5 T/Y	SOURCE OF EMISSION	SOURCE FILE ENTRY	PRIM. FUEL
					5009	566	300	472	283	179	0	REC.BLR.	28	BL.LIQ.
					2654	567	482	672	482	246	565	POW.BLR.	52	HOG
01	4.27	60		*	7663	1133	782	1144	765	425	565			
02	1.82	38		*	891	463	459	29	1381	221	0	KILN	25	OIL
03	2.13	53		*	620	57	51	9	0	0	0	DISS.TK.	28	
T O T A L E M I S S I O N				**	9174	1653	1292	1182	2146	646	565			

MILL CODE: ASNNN024 N

EMISSION INVENTORY 1982

MILL 024 :WESTERN FOREST PRODUCTS LTD. PORT ALICE

PRIM. PRODUCT: SULPHITE PULP OUTPUT IN 1982: 92000 ADMT/Y

EMISSION POINT (STACK) NBR	DIA M	HEIGHT M	TEMP DC		VOLUME $4 M3/MIN	PARTICULATE TOTAL$9 T/Y	PARTICULATE L10MCR$3 T/Y	SO2 $5 T/Y	CO $5 T/Y	NOX $3 T/Y	HC $5 T/Y	SOURCE OF EMISSION	SOURCE FILE ENTRY	PRIM. FUEL
01	2.44	62		*	2817	374	336	356	149	94$8	0	REC.BLR.	29	RED LIQ.
					1142	91	59	1132	25	298$5	5	POW.BLR.	53	OIL
					1142	91	59	1132	25	298$5	5	POW.BLR.	54	OIL
02	2.44	33		*	2284	182	118	2264	50	596	10			
03	1.83	31		*	2022	780	663	560	483	217	568	POW.BLR.	55	HOG
04	3.50	39		*	890$1	0	0	920$1	0	0	0	ACID TWR.	0	
T O T A L E M I S S I O N				**	8013	1336	1117	4100	682	907	578			

MILL CODE: AKNNN025 NPY
MILL 025 :WESTERN FOREST PRODUCTS LTD.
PRIM. PRODUCT: KRAFT PULP OUTPUT IN 1982: 140000 WOODFIBRE ADMT/Y

EMISSION INVENTORY 1982

EMISSION POINT (STACK) NBR	DIA M	HEIGHT M	TEMP DC		VOLUME $4 M3/MIN	PARTICULATE TOTAL$9 T/Y	PARTICULATE L10MCR$3 T/Y	SO2 $5 T/Y	CO $5 T/Y	NOX $3 T/Y	HC $5 T/Y	SOURCE OF EMISSION	SOURCE FILE ENTRY	PRIM. FUEL
					2289	595	315	248	149	94	0	REC.BLR.	30	BL.LIQ.
					2289	684	362	285	171	108	0	REC.BLR.	31	BL.LIQ.
01	2.11	31		*	4578	1279	677	533	320	202	0			
02	1.52	31		*	2148	704	598	518	446	200	525	POW.BLR.	56	HOG
03	1.52	31		*	1378	95	62	1187	26	312$5	5	POW.BLR.	57	OIL
04	1.15	18		*	297	179	177	10	467	75	0	KILN	26	OIL
05	1.15	18		*	297	179	177	10	467	75	0	KILN	27	OIL
06	.90	41		*	283	30	27	5	0	0	0	DISS.TK.	30	
07	.90	41		*	283	34	31	6	0	0	0	DISS.TK.	31	
T O T A L E M I S S I O N **					9264	2500	1749	2269	1726	864	530			

MILL CODE: AKNNN026 NPY
MILL 026 :WEYERHAEUSER CANADA LTD. KAMLOOPS
PRIM. PRODUCT: KRAFT PULP OUTPUT IN 1982: 309000 ADMT/Y

EMISSION INVENTORY 1982

EMISSION POINT (STACK) NBR	DIA M	HEIGHT M	TEMP DC		VOLUME $4 M3/MIN	PARTICULATE TOTAL$9 T/Y	PARTICULATE L10MCR$3 T/Y	SO2 $5 T/Y	CO $5 T/Y	NOX $3 T/Y	HC $5 T/Y	SOURCE OF EMISSION	SOURCE FILE ENTRY	PRIM. FUEL
					7927	491	260	818	491	310	0	REC.BLR.	32	BL.LIQ.
					1498	93	49	155	93	59	0	REC.BLR.	33	BL.LIQ.
					6344	688	447	206	1375	256	1650	POW.BLR.	58	HOG
					6344	688	447	206	1375	256	1650	POW.BLR.	59	HOG
					981	98	88	16	0	0	0	DISS.TK.	32	
					185	19	17	3	0	0	0	DISS.TK.	33	
01	4.87	255		*	23279	2077	1308	1404	3334	881	3300			
02	1.52	30		*	1188	229	227	34	1596	255	0	KILN	28	GAS
T O T A L E M I S S I O N				**	24467	2306	1535	1438	4930	1136	3300			

PULP AND PAPER MILLS

SUMMARY SHEET. EMISSION INVENTORY 1982

EMISSION SOURCES	VOLUME $4 M3/MIN	PARTICULATE TOTAL$9 T/Y	PARTICULATE L10MCR$3 T/Y	SO2 $5 T/Y	CO $5 T/Y	NOX $3 T/Y	HC $5 T/Y
RECOVERY BOILERS	116488	14789	7976	12833	7637	4818	0
POWER BOILERS	117407	22859	17942	22235	21544	10362	25290
KILNS	13966	4997	4951	438	20413	3266	0
DISSOLVING TANKS	14063	1442	1298	248	0	0	0
ACID TOWER	890	0	0	920	0	0	0
TOTAL EMISSION, INDUSTRY ***	262814	44087	32167	36674	49594	18446	25290

BOILERS IN THE WOOD PROCESSING INDUSTRY IN B.C.

EMISSION INVENTORY 1982

MILL CODE NBR	EMISSION POINT (STACK) NBR	DIA M	HEIGHT M	TEMP DC		VOLUME $4 M3/MIN	PARTICULATE TOTAL$9 T/Y	PARTICULATE L10MCR$3 T/Y	SO2 $5 T/Y	CO $5 T/Y	NOX $3 T/Y	HC $5 T/Y	SOURCE FILE ENTRY	PRIM. FUEL
	01	.90	24		*	132	5	3.3	0	1	0	1	1	SHAVINGS
	02	.90	24		*	132	5	3.3	0	1	0	1	2	SHAVINGS
101	TOTAL EMISSION, THIS MILL				**	264	10	6.6	0	2	0	2		
						185	1	.0	0	2	19$5	0	3	GAS
						138	0	.0	0	1	14$5	0	4	GAS
						138	0	.0	0	1	14$5	0	5	GAS
						138	0	.0	0	1	14$5	0	6	GAS
	00	.00	0		*	599	1	.0	0	5	61	0		
102	TOTAL EMISSION, THIS MILL				**	599	1	.0	0	5	61	0		
	01	.60	12		*	35	0	.0	0	0	1$5	0	7	GAS
103	TOTAL EMISSION, THIS MILL				**	35	0	.0	0	0	1	0		
	01	2.10	15		*	1452	132	85.9	26	176	33	211	8	HOG
	02	1.50	13		*	1452	132	85.9	26	176	33	211	9	HOG
104	TOTAL EMISSION, THIS MILL				**	2904	264	171.8	52	352	66	422		

MILL CODE NBR	EMISSION POINT (STACK) NBR	DIA M	HEIGHT M	TEMP DC		VOLUME $4 M3/MIN	PARTICULATE TOTAL$9 T/Y	PARTICULATE L10MCR$3 T/Y	SO2 $5 T/Y	CO $5 T/Y	NOX $3 T/Y	HC $5 T/Y	SOURCE FILE ENTRY	PRIM. FUEL
						156	8	6.7	1	7	1	8	10	HOG
						156	8	6.7	1	7	1	8	11	HOG
						156	8	6.7	1	7	1	8	12	HOG
						156	8	6.7	1	7	1	8	13	HOG
						156	8	6.7	1	7	1	8	14	HOG
						156	8	6.7	1	7	1	8	15	HOG
						156	8	6.7	1	7	1	8	16	HOG
						128	3	2.0	1	6	1	7	17	HOG
						128	3	2.0	1	6	1	7	18	HOG
	01	3.60	50		*	1348	62	50.9	9	61	9	70		
105	TOTAL EMISSION, THIS MILL				**	1348	62	50.9	9	61	9	70		
						1385	157	133.5	20	78	17	94	19	HOG
						923	105	89.0	13	52	11	62	20	HOG
						508	58	49.0	7	29	6	34	21	HOG
						831	94	80.1	12	47	10	56	22	HOG
	01	3.05	24		*	3647	414	351.7	52	206	44	246		
106	TOTAL EMISSION, THIS MILL				**	3647	414	351.7	52	206	44	246		
	01	.90	33		*	132	83	54.1	2	17	3	20	23	HOG
108	TOTAL EMISSION, THIS MILL				**	132	83	54.1	2	17	3	20		

MILL CODE NBR	EMISSION POINT (STACK) NBR	DIA M	HEIGHT M	TEMP DC		VOLUME $4 M3/MIN	PARTICULATE TOTAL$9 T/Y	PARTICULATE L10MCR$3 T/Y	SO2 $5 T/Y	CO $5 T/Y	NOX $3 T/Y	HC $5 T/Y	SOURCE FILE ENTRY	PRIM. FUEL
	01	1.52	21		*	1801	408	346.9	30	203	40	244	24	HOG
	02	1.52	21		*	792	0	.0	0	4	39$5	1	25	GAS
110	TOTAL EMISSION, THIS MILL				**	2593	408	346.9	30	207	79	245		
						122	21	17.7	1	3	1	4	26	SHAVINGS
						100	16	10.3	0	3	1	4	27	SHAVINGS
						100	16	10.3	0	3	1	4	28	SHAVINGS
	01	1.82	36		*	322	53	38.2	1	9	3	12		
111	TOTAL EMISSION, THIS MILL				**	322	53	38.2	1	9	3	12		
	01	.90	24		*	1317	416	270.3	12	83	15	100	29	SHAVINGS
	02	1.06	24		*	84	26	17.2	1	5	1	6	30	SHAVINGS
113	TOTAL EMISSION, THIS MILL				**	1401	442	287.6	13	88	16	106		
	01	1.20	30		*	207	131	85.2	4	26	5	31	31	SHAVINGS
114	TOTAL EMISSION, THIS MILL				**	207	131	85.2	4	26	5	31		

BOILERS IN THE WOOD PROCESSING INDUSTRY IN B.C.

EMISSION INVENTORY 1982

MILL CODE NBR	EMISSION POINT (STACK) NBR	DIA M	HEIGHT M	TEMP DC		VOLUME $4 M3/MIN	PARTICULATE TOTAL$9 T/Y	PARTICULATE L10MCR$3 T/Y	SO2 $5 T/Y	CO $5 T/Y	NOX $3 T/Y	HC $5 T/Y	SOURCE FILE ENTRY	PRIM. FUEL
	01	.90	24		*	104	66	42.6	2	13	2	16	32	SHAVINGS
	02	.90	30		*	132	83	54.1	2	17	3	20	33	SHAVINGS
115	TOTAL EMISSION, THIS MILL				**	236	149	96.7	4	30	5	36		
						1118	206	175.2	28	189	35	227	34	HOG
						1118	137	116.8	19	126	23	151	35	HOG
						1118	137	116.8	19	126	23	151	36	HOG
	01	1.30	23		*	3354	480	408.9	66	441	81	529		
116	TOTAL EMISSION, THIS MILL				**	3354	480	408.9	66	441	81	529		
	01	1.46	17		*	1361	64	41.9	39	258	48	309	37	HOG
	02	1.46	17		*	1361	64	41.9	39	258	48	309	38	HOG
117	TOTAL EMISSION, THIS MILL				**	2722	128	83.9	78	516	96	618		
	01	1.52	39		*	327	310	201.5	9	62	12	74	39	HOG
	02	1.67	20		*	617	585	380.1	18	117	22	140	40	HOG
	03	1.52	20		*	762	36	23.5	22	144	27	173	41	HOG
118	TOTAL EMISSION, THIS MILL				**	1706	931	605.2	49	323	61	387		

BOILERS IN THE WOOD PROCESSING INDUSTRY IN B.C.

EMISSION INVENTORY 1982

MILL CODE NBR	EMISSION POINT (STACK) NBR	DIA M	HEIGHT M	TEMP DC		VOLUME $4 M3/MIN	PARTICULATE TOTAL$9 T/Y	PARTICULATE L10MCR$3 T/Y	SO2 $5 T/Y	CO $5 T/Y	NOX $3 T/Y	HC $5 T/Y	SOURCE FILE ENTRY	PRIM. FUEL
	01	.30	5		*	47	0	.0	0	0	1$5	0	42	GAS
119	TOTAL EMISSION,THIS MILL				**	47	0	.0	0	0	1	0		
						85	0	.0	0	0	4$5	0	43	GAS
						85	0	.0	0	0	4$5	0	44	GAS
	00	.00	0		*	170	0	.0	0	0	8	0		
120	TOTAL EMISSION,THIS MILL				**	170	0	.0	0	0	8	0		
	01	.90	15		*	455	43	28.1	9	57	11	69	45	HOG
	02	.61	3		*	79	3	2.0	38	1	10$5	0	46	OIL
121	TOTAL EMISSION,THIS MILL				**	534	46	30.1	47	58	21	69		
	01	1.70	35		*	1603	51	33.0	39	203	40	243	47	HOG
	02	.50	5		*	0	0	.0	0	0	0$5	0	48	OIL
122	TOTAL EMISSION,THIS MILL				**	1603	51	33.0	39	203	40	243		

BOILERS IN THE WOOD PROCESSING INDUSTRY IN B.C.

EMISSION INVENTORY 1982

MILL CODE NBR	EMISSION POINT (STACK) NBR	DIA M	HEIGHT M	TEMP DC		VOLUME $4 M3/MIN	PARTICULATE TOTAL$9 T/Y	PARTICULATE L1OMCR$3 T/Y	SO2 $5 T/Y	CO $5 T/Y	NOX $3 T/Y	HC $5 T/Y	SOURCE FILE ENTRY	PRIM. FUEL
	01	.35	4		*	0	0	.0	0	0	0$5	0	49	OIL
123	TOTAL EMISSION, THIS MILL				**	0	0	.0	0	0	0	0		
						132	83	54.1	2	17	3	20	50	SHAVINGS
						132	83	54.1	2	17	3	20	51	SHAVINGS
	01	.90	24		*	264	166	108.2	4	34	6	40		
	02	.90	21		*	0	0	.0	0	0	0	0	0	
124	TOTAL EMISSION, THIS MILL				**	264	166	108.2	4	34	6	40		
	01	.90	18		*	132	105	68.2	3	21	4	25	52	HOG
125	TOTAL EMISSION, THIS MILL				**	132	105	68.2	3	21	4	25		
	01	.30	4		*	63	0	.0	0	0	0$5	0	53	GAS
127	TOTAL EMISSION, THIS MILL				**	63	0	.0	0	0	0	0		
						1662	413	350.9	47	188	40	225	54	HOG
						508	126	107.3	14	57	12	69	55	HOG
	01	3.05	30		*	2170	539	458.2	61	245	52	294		
128	TOTAL EMISSION, THIS MILL				**	2170	539	458.2	61	245	52	294		

BOILERS IN THE WOOD PROCESSING INDUSTRY IN B.C.

EMISSION INVENTORY 1982

MILL CODE NBR	EMISSION POINT (STACK) NBR	DIA M	HEIGHT M	TEMP DC		VOLUME $4 M3/MIN	PARTICULATE TOTAL$9 T/Y	PARTICULATE L10MCR$3 T/Y	SO2 $5 T/Y	CO $5 T/Y	NOX $3 T/Y	HC $5 T/Y	SOURCE FILE ENTRY	PRIM. FUEL
	01	2.75	55		*	1681	275	233.6	28	190	38	227	56	HOG
	02	2.15	30		*	1362	223	189.3	23	154	30	184	57	HOG
	03	2.15	33		*	1362	223	189.3	23	154	30	184	58	HOG
129	TOTAL EMISSION,THIS MILL				**	4405	721	612.3	74	498	98	595		
						194	44	37.5	1	7	1	9	59	HOG
						194	44	37.5	1	7	1	9	60	HOG
						194	44	37.5	1	7	1	9	61	HOG
	01	1.82	34		*	582	132	112.5	3	21	3	27		
131	TOTAL EMISSION,THIS MILL				**	582	132	112.5	3	21	3	27		
	01	.40	12		*	40	13	8.2	0	3	0	3	62	HOG
132	TOTAL EMISSION,THIS MILL				**	40	13	8.2	0	3	0	3		
	01	1.00	27		*	144	2	1.5	1	9	2	11	63	HOG
	02	.76	30		*	291	5	3.0	3	18	3	22	64	HOG
133	TOTAL EMISSION,THIS MILL				**	435	7	4.6	4	27	5	33		

MILL CODE NBR	EMISSION POINT (STACK) NBR	DIA M	HEIGHT M	TEMP DC		VOLUME $4 M3/MIN	PARTICULATE TOTAL$9 T/Y	PARTICULATE L1OMCR$3 T/Y	SO2 $5 T/Y	CO $5 T/Y	NOX $3 T/Y	HC $5 T/Y	SOURCE FILE ENTRY	PRIM. FUEL
	01	1.20	18		*	224	37	31.8	4	25	5	30	65	HOG
134	TOTAL EMISSION,THIS MILL				**	224	37	31.8	4	25	5	30		
						1436	454	294.9	14	91	17	109	66	HOG
						1436	454	294.9	14	91	17	109	67	HOG
	01	2.12	30		*	2872	908	589.8	28	182	34	218		
	02	.46	4		*	183	0	.0	0	0	0$5	0	68	GAS
	03	.46	4		*	183	0	.0	0	0	0$5	0	69	GAS
136	TOTAL EMISSION,THIS MILL				**	3238	908	589.8	28	182	34	218		
	01	1.20	24		*	120	35	22.7	1	7	1	8	70	SHAVINGS
137	TOTAL EMISSION,THIS MILL				**	120	35	22.7	1	7	1	8		
	01	.90	8		*	455	28	18.0	10	69	13	83	71	HOG
	02	.90	15		*	271	69	44.7	2	14	6	17	72	SHAVINGS
138	TOTAL EMISSION,THIS MILL				**	726	97	62.6	12	83	19	100		

MILL CODE NBR	EMISSION POINT (STACK) NBR	DIA M	HEIGHT M	TEMP DC		VOLUME $4 M3/MIN	PARTICULATE TOTAL$9 T/Y	PARTICULATE L10MCR$3 T/Y	SO2 $5 T/Y	CO $5 T/Y	NOX $3 T/Y	HC $5 T/Y	SOURCE FILE ENTRY	PRIM. FUEL
	01	1.05	20		*	200	189	122.9	6	38	7	45	73	HOG
	02	1.05	20		*	200	189	122.9	6	38	7	45	74	HOG
	03	1.05	20		*	200	189	122.9	6	38	7	45	75	HOG
139	TOTAL EMISSION, THIS MILL				**	600	567	368.7	18	114	21	135		
	01	.61	5		*	158	0	.0	0	1	5$5	0	76	GAS
141	TOTAL EMISSION, THIS MILL				**	158	0	.0	0	1	5	0		
	01	1.21	46		*	680	306	260.5	8	51	10	61	77	HOG
142	TOTAL EMISSION, THIS MILL				**	680	306	260.5	8	51	10	61		
	01	1.21	14		*	726	66	43.0	20	132	25	159	78	HOG
	02	1.21	14		*	726	66	43.0	20	132	25	159	79	HOG
143	TOTAL EMISSION, THIS MILL				**	1452	132	86.0	40	264	50	318		
	02	1.67	9		*	1108	93	79.5	13	85	16	102	80	HOG
144	TOTAL EMISSION, THIS MILL				**	1108	93	79.5	13	85	16	102		

MILL CODE NBR	EMISSION POINT (STACK) NBR	DIA M	HEIGHT M	TEMP DC		VOLUME $4 M3/MIN	PARTICULATE TOTAL$9 T/Y	PARTICULATE L10MCR$3 T/Y	SO2 $5 T/Y	CO $5 T/Y	NOX $3 T/Y	HC $5 T/Y	SOURCE FILE ENTRY	PRIM. FUEL
	01	.40	8		*	166	0	.0	0	1	9$5	0	81	GAS
	02	.76	18		*	180	128	83.2	4	26	5	31	82	HOG
	03	.40	8		*	0	0	.0	0	0	0$5	0	83	GAS
	04	.40	8		*	0	0	.0	0	0	0$5	0	84	GAS
146	TOTAL EMISSION, THIS MILL				**	346	128	83.2	4	27	14	31		
	01	.91	24		*	180	163	106.2	5	33	6	39	85	HOG
	02	1.37	18		*	1089	40	25.8	30	198	37	238	86	HOG
	03	1.37	27		*	543	494	320.8	15	99	18	118	87	HOG
147	TOTAL EMISSION, THIS MILL				**	1812	697	452.8	50	330	61	395		
	01	1.67	19		*	1592	231	196.8	27	177	37	212	88	HOG
148	TOTAL EMISSION, THIS MILL				**	1592	231	196.8	27	177	37	212		
	01	1.52	20		*	1545	97	82.8	14	93	17	111	89	HOG
149	TOTAL EMISSION, THIS MILL				**	1545	97	82.8	14	93	17	111		

MILL CODE NBR	EMISSION POINT (STACK) NBR	DIA M	HEIGHT M	TEMP DC		VOLUME $4 M3/MIN	PARTICULATE TOTAL$9 T/Y	PARTICULATE L10MCR$3 T/Y	SO2 $5 T/Y	CO $5 T/Y	NOX $3 T/Y	HC $5 T/Y	SOURCE FILE ENTRY	PRIM. FUEL
	01	.90	5		*	543	69	44.6	10	69	13	82	90	HOG
151	TOTAL EMISSION, THIS MILL				**	543	69	44.6	10	69	13	82		
						132	42	27.1	1	8	2	10	91	SHAVINGS
						108	34	22.2	1	7	1	8	92	SHAVINGS
	01	1.52	30		*	240	76	49.2	2	15	3	18		
152	TOTAL EMISSION, THIS MILL				**	240	76	49.2	2	15	3	18		
	01	.61	18		*	112	5	3.5	1	7	1	8	93	SHAVINGS
153	TOTAL EMISSION, THIS MILL				**	112	5	3.5	1	7	1	8		
	01	.20	4		*	32	0	.0	0	0	2$5	0	94	GAS
	02	.20	4		*	22	0	.0	0	0	1$5	0	95	GAS
	03	.60	8		*	28	0	.0	0	0	1$5	0	96	GAS
154	TOTAL EMISSION, THIS MILL				**	82	0	.0	0	0	4	0		

BOILERS IN THE WOOD PROCESSING INDUSTRY IN B.C.

EMISSION INVENTORY 1982

MILL CODE NBR	EMISSION POINT (STACK) NBR	DIA M	HEIGHT M	TEMP DC		VOLUME $4 M3/MIN	PARTICULATE TOTAL$9 T/Y	PARTICULATE L10MCR$3 T/Y	SO2 $5 T/Y	CO $5 T/Y	NOX $3 T/Y	HC $5 T/Y	SOURCE FILE ENTRY	PRIM. FUEL
	01	.30	5		*	28	0	.0	0	0	0$5	0	97	GAS
	02	.30	5		*	28	0	.0	0	0	0$5	0	98	GAS
155	TOTAL EMISSION, THIS MILL				**	56	0	.0	0	0	0	0		
	01	.70	15		*	507	48	31.3	10	64	12	77	99	HOG
	02	.35	5		*	16	2	1.0	0	2	0	2	100	SHAVINGS
156	TOTAL EMISSION, THIS MILL				**	523	50	32.3	10	66	12	79		
TOTAL EMISSION, INDUSTRY					***	47072	8864	6470	837	4989	1091	5961		

WOOD WASTE BURNERS IN B.C.

EMISSION INVENTORY 1982

MILL CODE NBR	PERMIT NBR	CNS NBR	EMISSION POINT(EQ.STACK) NBR	DIA M	HEIGHT M	TEMP DC	VOLUME $1 M3/MIN	PARTICULATE TOTAL$5 T/Y	PARTICULATE L10MCR$3 T/Y	SO2 $5 T/Y	CO $5 T/Y	NOX $3 T/Y	HC $5 T/Y	SOURCE FILE ENTRY
101	PA4215 B	1	03				4520	67	13.4	2	2170	17	183	1
201	PA3113 B	1	01				1410	21	4.2	1	677	5	57	2
202	PA4263 B	1	01				2825	62	12.5	2	2034	16	171	3
203	PA5396 B	1	01				1400	21	4.2	1	672	5	57	4
204	PA3335 B	1	01				510	16	3.2	0	514	4	43	5
204	PA3335 B	2	02				2100	31	6.2	1	1008	8	85	6
205	PA5702 B	1	01				340	3	1.2	0	82	1	7	7
206	PA2412 B	1	01				560	8	1.7	0	269	2	23	8
207	PA6241 B	1	01				280	4	.9	0	134	1	11	9
208	PA2649 B	1	01				1120	8	1.7	0	269	2	23	10
209	PA2410 B	1	01				3100	46	9.2	1	1488	11	125	11
210	PA1970 S	1	01				360	5	1.1	0	173	1	15	12
211	PA1899 B	1	01				1300	29	5.8	1	936	7	79	13
✓212	PA3009 B	1	01				1420	8	1.6	0	245	2	21	14
213	PA2684 B	1	01				3600	76	15.3	2	2488	19	209	15
213	PA2684 B	2	02				3600	51	10.2	1	1659	13	140	16
214	PA3008 B	1	01				2830	13	2.6	0	408	3	34	17
215	PA1919 B	1	01				3240	17	3.5	0	560	4	47	18
216	PA3010 B	1	01				2800	15	3.0	0	484	4	41	19
102	PA4122 B	1	02				4800	71	14.2	2	2304	18	194	21
217	PA1945 B	1	01				1460	32	6.5	1	1051	8	88	22
218	PA2025 B	1	01				170	1	.3	0	41	0	3	23
218	PA2025 B	2	02				850	6	1.3	0	204	2	17	24
219	PA6090 B	1	01				420	4	.8	0	126	1	11	25
220	PA2198 B	1	01				480	7	1.5	0	230	2	19	28
221	PA5107 B	1	01				140	1	.3	0	34	0	3	29
108	PA1682 B	1	02				1960	29	5.8	1	941	7	79	30
108	PA1682 B	2	03				310	5	1.0	0	149	1	13	31
222	PA5217 B	1	01				90	1	.2	0	22	0	2	32
224	PA2760 B	1	01				1410	31	6.3	1	1015	8	85	34
225	PA1676 S	1	01				2300	70	14.1	2	2285	18	192	35
225	PA1676 B	2	02				4100	125	25.1	3	4074	31	343	36

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MILL CODE NBR	PERMIT NBR	CNS NBR	EMISSION POINT(EQ.STACK) NBR	DIA M	HEIGHT M	TEMP DC	VOLUME $1 M3/MIN	PARTICULATE TOTAL$5 T/Y	PARTICULATE L10MCR$3 T/Y	SO2 $5 T/Y	CO $5 T/Y	NOX $3 T/Y	HC $5 T/Y	SOURCE FILE ENTRY
226	PA3415 B	1	01				4020	59	11.9	1	1930	15	162	37
227	PA3785 S	1	01				460	4	.8	0	124	1	10	38
228	PA5652 S	1	01				100	1	.7	0	48	0	4	39
155	PA2818 S	1	01				85	1	.2	0	20	0	2	40
111	PA1938 B	1	02				990	15	3.0	0	475	4	40	41
230	PA1955 B	1	01				4240	62	12.5	2	2035	16	171	42
231	PA6484 S	1	01				1440	21	4.3	1	691	5	58	43
232	PA2576 B	1	01				8600	228	45.7	6	7430	57	625	44
232	PA2576 B	2	02				0	0	.1	0	0	0	0	45
232	PA2576 B	3	03				0	0	.1	0	0	0	0	46
233	PA4900 S	1	01				140	3	.7	0	101	1	8	47
234	PA4680 B	1	01				4170	61	12.3	2	2002	15	168	48
234	PA4680	2	02				2680	39	7.9	1	1286	10	108	49
235	PA5737 B	1	01				1210	11	2.3	0	363	3	31	50
236	PA5694 B	1	01				700	10	2.1	0	336	3	28	51
237	PA4638 B	1	01				180	1	.3	0	43	0	4	52
238	PA4697 S	1	01				720	16	3.2	0	518	4	44	53
239	PA5571 B	1	01				570	8	1.7	0	274	2	23	54
240	PA3403 K	1	01				990	15	3.0	0	475	4	40	55
241	PA4587 S	1	01				180	1	.3	0	43	0	4	56
242	PA3336 K	1	01				3660	67	13.5	2	2196	17	185	57
242	PA3336 B	2	02				3530	65	13.1	2	2118	16	178	58
242	PA3336 B	3	03				480	15	3.1	0	498	4	42	59
243	PA3104	1	01				1320	19	3.9	0	634	5	53	60
243	PA3104 B	2	02				1700	25	5.1	1	816	6	69	61
244	PA3124 B	1	01				2160	32	6.4	1	1037	8	87	62
245	PA5100 B	1	01				280	4	.9	0	134	1	11	63
246	PA6625 S	1	01				280	5	1.0	0	161	1	14	64
247	PA2602 B	1	01				510	11	2.3	0	367	3	31	65
248	PA4283 S	1	01				280	2	.5	0	67	1	6	66
249	PA6307 S	1	01				130	2	.4	0	62	0	5	67
250	PA5543 B	1	01				280	2	.5	0	67	1	6	68
115	PA1596 B	1	03				2110	31	6.3	1	1013	8	85	69
113	PA1746 B	1	03				560	4	.9	0	134	1	11	70
251	PA1648 B	1	01				2540	56	11.3	1	1829	14	154	71
252	PA2574 B	1	01				3010	67	13.4	2	2167	17	182	72

MILL CODE NBR	PERMIT NBR	CNS NBR	EMISSION POINT(EQ.STACK) NBR	DIA M	HEIGHT M	TEMP DC	VOLUME $1 M3/MIN	PARTICULATE TOTAL$5 T/Y	PARTICULATE L10MCR$3 T/Y	SO2 $5 T/Y	CO $5 T/Y	NOX $3 T/Y	HC $5 T/Y	SOURCE FILE ENTRY
253	PA2196 B	1	01				420	6	1.3	0	202	2	17	73
254	PA3019 B	1	01				1970	29	5.9	1	946	7	80	74
255	PA5788 B	1	01				190	3	.7	0	109	1	9	75
119	PA1772 S	1	02				720	16	3.2	0	518	4	44	76
123	PA1997 S	1	02				2650	39	7.9	1	1272	10	107	77
124	PA1937 B	1	03				1970	29	5.9	1	946	7	80	78
256	PA2009 B	1	01				1490	40	8.0	1	1287	10	108	79
256	PA1996 B	2	02				1420	38	7.6	1	1227	9	103	80
120	PA3898 B	1	02				2260	60	12.0	1	1953	15	164	81
120	PA3898 B	2	03				1700	45	9.1	1	1469	11	124	82
257	PA1918 B	1	01				1420	10	2.1	0	341	3	29	83
258	PA2650 B	1	01				700	5	1.1	0	168	1	14	84
259	PA5221 B	1	01				140	1	.3	0	34	0	3	85
260	PA2339 B	1	01				2540	37	7.5	1	1219	9	103	86
121	PA2661 B	1	03				4610	102	20.4	3	3319	25	279	87
261	PA1973 B	1	01				2820	50	10.0	1	1624	12	137	88
262	PA3911 B	1	01				6900	153	30.6	4	4968	38	418	89
263	PA3031 B	1	01				420	3	.7	0	101	1	8	90
264	PA5544 S	1	01				180	3	.6	0	86	1	7	91
265	PA1939 B	1	01				710	5	1.1	0	170	1	14	92
266	PA3122 B	1	01				5100	75	15.1	2	2448	19	206	93
266	PA3122 B	2	02				560	8	1.7	0	269	2	23	94
267	PA1998 B	1	01				1700	13	2.6	0	408	3	34	95
268	PA5978 S	1	01				480	13	2.6	0	415	3	35	96
269	PA1722 B	1	01				1630	24	4.9	1	782	6	66	97
269	PA1722 B	2	02				1630	24	4.9	1	782	6	66	98
269	PA3057 B	3	03				1630	24	4.9	1	782	6	66	99
270	PA1944 B	1	01				1520	17	3.4	0	547	4	46	100
270	PA1944 B	2	02				1480	16	3.3	0	533	4	45	101
271	PA5037 S	1	01				900	13	2.7	0	432	3	36	102
272	PA1948 K	1	01				4100	109	21.8	3	3542	27	298	103
272	PA1949 K	2	02				1130	30	6.0	1	976	7	82	104
272	PA1949 K	3	03				1600	42	8.5	1	1382	11	116	105
273	PA5625 K	1	01				3280	73	14.6	2	2362	18	199	106
274	PA1923 B	1	01				2120	16	3.2	0	509	4	43	107
275	PA1935 B	1	01				1130	17	3.4	0	542	4	46	108

MILL CODE NBR	PERMIT NBR	CNS NBR	EMISSION POINT(EQ.STACK) NBR	DIA M	HEIGHT M	TEMP DC	VOLUME $1 M3/MIN	PARTICULATE TOTAL$5 T/Y	PARTICULATE L10MCR$3 T/Y	SO2 $5 T/Y	CO $5 T/Y	NOX $3 T/Y	HC $5 T/Y	SOURCE FILE ENTRY
276	PA1962 B	1	01				1840	14	2.8	0	442	3	37	109
277	PA6056 S	1	01				90	1	.2	0	22	0	2	110
278	PA1916 B	1	01				470	3	.7	0	113	1	9	111
279	PA1884 B	1	01				320	5	1.0	0	154	1	13	112
279	PA1884 B	2	02				1150	17	3.4	0	552	4	46	113
280	PA5494 B	1	01				70	1	.2	0	17	0	1	114
281	PA2747 B	1	01				990	7	1.5	0	238	2	20	115
282	PA1987 B	1	01				790	6	1.2	0	190	1	16	116
282	PA1987 B	2	02				790	6	1.2	0	190	1	16	117
283	PA3446 S	1	01				1100	8	1.7	0	264	2	22	118
284	PA3446 B	1	01				1520	40	8.1	1	1313	10	111	119
285	PA1750 B	1	01				1240	21	4.2	1	670	5	56	120
286	PA1599 B	1	01				340	5	1.1	0	163	1	14	121
287	PA4084 B	1	01				700	5	1.1	0	168	1	14	122
288	PA6142 B	1	01				1410	21	4.2	1	677	5	57	123
289	PA3679 B	1	01				2120	47	9.4	1	1526	12	128	124
290	PA2230 B	1	01				270	4	.8	0	130	1	11	125
291	PS3799 B	1	01				1420	10	2.1	0	341	3	29	126
292	PA5532 B	1	01				1410	21	4.2	1	677	5	57	127
293	PA5971 S	1	01				290	2	.5	0	70	1	6	128
294	PA4171 B	1	01				2820	21	4.2	1	677	5	57	129
295	PA2240 B	1	01				850	6	1.3	0	204	2	17	130
296	PA1730 B	1	01				1800	27	5.4	1	864	7	73	131
297	PA1869 B	1	01				2540	37	7.5	1	1219	9	103	132
297	PA1869 B	2	02				820	12	2.5	0	394	3	33	133
298	PA3465 S	1	01				1320	19	3.9	0	634	5	53	134
299	PA2000 B	1	01				2820	62	12.5	2	2030	16	171	135
300	PA3283 B	1	01				7060	104	20.9	3	3389	26	285	136
301	PA3803 B	1	01				560	4	.9	0	134	1	11	137
302	PA3816 S	1	01				1420	12	2.4	0	382	3	32	138
303	PA3784 B	1	01				260	2	.4	0	62	0	5	139
304	PA2394 B	1	01				1120	34	6.9	1	1113	9	94	140
305	PA5250 B	1	01				340	3	.6	0	82	1	7	142
306	PA3066 B	1	01				420	6	1.3	0	202	2	17	143
307	PA2002 S	1	01				140	2	.5	0	67	1	6	144

MILL CODE NBR	PERMIT NBR	CNS NBR	EMISSION POINT(EQ.STACK) NBR	DIA M	HEIGHT M	TEMP DC	VOLUME $1 M3/MIN	PARTICULATE TOTAL$5 T/Y	PARTICULATE L10MCR$3 T/Y	SO2 $5 T/Y	CO $5 T/Y	NOX $3 T/Y	HC $5 T/Y	SOURCE FILE ENTRY
127	PA4857 B	1	02				1700	16	3.2	0	510	4	43	145
308	PA1835 B	1	01				570	13	2.6	0	410	3	35	146
309	PA2038 B	1	01				230	3	.7	0	110	1	9	147
310	PA5362 B	1	01				230	5	1.0	0	152	1	13	148
311	PA4443 B	1	01				420	3	.7	0	101	1	8	149
312	PA1941 B	1	01				1610	24	4.8	1	773	6	65	150
313	PA2003 B	1	01				1130	8	1.7	0	271	2	23	151
314	PA3133 B	1	01				1720	52	10.5	1	1709	13	144	152
315	PA3384 B	1	01				1980	15	3.0	0	475	4	40	153
316	PA1778 B	1	01				2660	59	11.8	1	1915	15	161	154
316	PA1778 B	2	02				2660	39	7.9	1	1277	10	107	155
316	PA1778 B	3	03				950	14	2.8	0	456	3	38	156
316	PA1778 S	4	04				580	13	2.6	0	418	3	35	157
317	PA3721 B	1	01				2250	33	6.7	1	1080	8	91	158
318	PA4089 B	1	01				2550	38	7.6	1	1224	9	103	159
319	PA3038 B	1	01				850	6	1.3	0	204	2	17	160
320	PA3339 B	1	01				280	2	.5	0	67	1	6	161
321	PA1943 B	1	01				400	3	.6	0	96	1	8	162
321	PA1943 B	2	02				180	1	.3	0	43	0	4	163
322	PA2675 B	1	01				910	13	2.7	0	437	3	37	164
323	PA1846 B	1	01				3960	58	11.7	1	1901	15	160	165
323	PA1846 B	2	02				3960	121	24.2	3	3935	30	331	166
324	PA1957 B	1	01				2830	63	12.6	2	2038	16	171	167
137	PA3027 B	1	02				15260	225	45.0	6	7325	56	617	168
325	PA3719 B	1	01				3170	47	9.4	1	1522	12	128	169
136	PA1543 B	1	04				340	10	2.1	0	338	3	28	170
136	PA1543 B	2	05				5620	124	24.9	3	4046	31	341	171
326	PA1565 B	1	01				560	8	1.7	0	269	2	23	172
327	PA4892 B	1	01				2820	50	10.0	1	1624	12	137	173
328	PA1691 S	1	01				1970	40	8.1	1	1305	10	110	174
328	PA1691 B	2	02				1970	40	8.1	1	1305	10	110	175
329	PA1675 B	1	01				1270	39	7.8	1	1262	10	106	176
329	PA1675 B	2	02				1500	46	9.2	1	1490	11	125	177
133	PA1796 B	1	03				1270	39	7.8	1	1262	10	106	178
133	PA1796 B	2	04				680	10	2.1	0	326	3	27	179
330	PA3032 B	1	01				3380	50	10.0	1	1622	12	137	180

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MILL CODE NBR	PERMIT NBR	CNS NBR	EMISSION POINT(EQ.STACK) NBR	DIA M	HEIGHT M	TEMP DC	VOLUME $1 M3/MIN	PARTICULATE TOTAL$5 T/Y	PARTICULATE L10MCR$3 T/Y	SO2 $5 T/Y	CO $5 T/Y	NOX $3 T/Y	HC $5 T/Y	SOURCE FILE ENTRY
330	PA3032 B	2	02				3380	50	10.0	1	1622	12	137	181
331	PA3946 B	1	01				1140	8	1.7	0	274	2	23	182
332	PA2180 B	1	01				700	5	1.1	0	168	1	14	183
333	PA6314 B	1	01				1440	11	2.2	0	346	3	29	184
334	PA2484 B	1	01				700	3	.6	0	84	1	7	185
334	PA2484 B	2	02				1240	5	1.0	0	149	1	13	186
334	PA2484 B	3	03				3530	78	15.7	2	2542	20	214	187
335	PA3034 B	1	01				5620	83	16.6	2	2698	21	227	189
336	PA1951 B	1	01				1780	54	10.9	1	1769	14	149	190
139	PA1952 B	1	04				2820	86	17.3	2	2802	22	236	191
337	PA1934 B	1	01				1510	22	4.5	1	725	6	61	192
338	PA5366 B	1	01				1700	25	5.1	1	816	6	69	193
339	PA5375 B	1	01				2140	47	9.5	1	1541	12	130	194
340	PA3064 B	1	01				4530	138	27.7	3	4501	35	379	195
341	PA5685 S	1	01				560	4	.9	0	134	1	11	196
342	PA2429 B	1	01				700	15	3.1	0	504	4	42	197
343	PA5271 B	1	01				1410	10	2.1	0	338	3	28	198
344	PA2558 B	1	01				3400	50	10.1	1	1632	13	137	199
345	PA4457 S	1	01				570	4	.9	0	137	1	12	200
346	PA1954 B	1	01				600	9	1.8	0	288	2	24	201
347	PA2008 B	1	01				2400	53	10.7	1	1728	13	145	202
348	PA2011 B	1	01				1700	45	9.1	1	1469	11	124	203
349	PA6270 S	1	01				130	2	.4	0	62	0	5	204
350	PA5106 S	1	01				990	7	1.5	0	238	2	20	205
351	PA1787 B	1	01				2020	30	6.0	1	970	7	82	206
351	PA1787 B	2	02				2880	42	8.5	1	1382	11	116	207
352	PA1942 B	1	01				400	6	1.2	0	192	1	16	208
353	PA2139 B	1	01				280	6	1.3	0	202	2	17	209
354	PA6083 S	1	01				190	3	.6	0	91	1	8	210
355	PA1605 B	1	01				2550	78	15.6	2	2534	19	213	211
356	PA5286 B	1	01				700	4	.8	0	126	1	11	212
357	PA1842 B	1	01				2300	51	10.2	1	1656	13	139	213
358	PA2978 B	1	01				1130	30	6.0	1	976	7	82	214
134	PA5038 B	1	02				1700	38	7.6	1	1224	9	103	215
359	PA4574 B	1	01				1400	21	4.2	1	672	5	57	216

MILL CODE NBR	PERMIT NBR	CNS NBR	EMISSION POINT(EQ.STACK) NBR	DIA M	HEIGHT M	TEMP DC	VOLUME $1 M3/MIN	PARTICULATE TOTAL$5 T/Y	PARTICULATE L10MCR$3 T/Y	SO2 $5 T/Y	CO $5 T/Y	NOX $3 T/Y	HC $5 T/Y	SOURCE FILE ENTRY
360	PA3718 B	1	01				1400	23	4.7	1	756	6	64	217
360	PA3718 B	2	02				1400	23	4.7	1	756	6	64	218
361	PA4210 B	1	01				1400	21	4.2	1	672	5	57	219
362	PA5548 S	1	01				600	4	.9	0	144	1	12	220
363	PA3337 B	1	01				1080	16	3.2	0	518	4	44	221
364	PA6163 B	1	01				800	6	1.2	0	192	1	16	222
365	PA3478 B	1	01				4250	63	12.6	2	2040	16	172	223
366	PA2725 B	1	01				570	8	1.7	0	274	2	23	224
367	PA4206 K	1	01				2820	42	8.4	1	1354	10	114	225
368	PA2190 B	1	01				950	29	5.8	1	944	7	79	226
368	PA2190 B	2	02				850	13	2.6	0	408	3	34	227
141	PA2268 B	1	02				2830	86	17.3	2	2812	22	237	228
141	PA2268 B	2	03				5620	171	34.3	4	5584	43	470	229
369	PA3105 B	1	01				1970	33	6.6	1	1064	8	90	230
370	PA5944 B	1	01				1700	25	5.1	1	816	6	69	231
371	PA2728 B	1	01				1420	17	3.5	0	554	4	47	232
372	PA5382 B	1	01				250	4	.8	0	120	1	10	233
373	PA1762 B	1	01				850	23	4.6	1	734	6	62	234
374	PA1940 B	1	01				260	2	.4	0	62	0	5	235
375	PA4197 B	1	01				560	4	.9	0	134	1	11	236
376	PA5283 S	1	01				360	5	1.1	0	173	1	15	237
377	PA3021 K	1	01				90	1	.3	0	43	0	4	238
146	PA1615 B	1	04				1130	19	3.8	0	610	5	51	239
146	PA1615 B	1	05				1130	19	3.8	0	610	5	51	240
146	PA1615 B	1	06				860	14	2.9	0	464	4	39	241
143	PA1764 B	1	03				1770	53	10.7	1	1733	13	146	242
143	PA1764 B	2	04				790	24	4.8	1	774	6	65	243
147	PA3725 B	1	04				3730	114	22.8	3	3706	28	312	244
378	PA1548 B	1	01				320	1	.2	0	26	0	2	245
379	PA1832 B	1	01				1440	11	2.2	0	346	3	29	246
151	PA1513 B	1	02				1080	3	.6	0	97	1	8	247
380	PA1847 B	1	01				3960	58	11.7	1	1901	15	160	248
381	PA2019 B	1	01				850	23	4.6	1	734	6	62	249
382	PA2414 B	1	01				850	19	3.8	0	612	5	52	250
✓383	PA4355 S	1	01				360	3	.6	0	86	1	7	251
384	PA3039 B	1	01				480	7	1.5	0	230	2	19	252

WOOD WASTE BURNERS IN B.C.

EMISSION INVENTORY 1982

MILL CODE NBR	PERMIT NBR	CNS NBR	EMISSION POINT(EQ.STACK) NBR	DIA M	HEIGHT M	TEMP DC	VOLUME $1 M3/MIN	PARTICULATE TOTAL$5 T/Y	PARTICULATE L10MCR$3 T/Y	SO2 $5 T/Y	CO $5 T/Y	NOX $3 T/Y	HC $5 T/Y	SOURCE FILE ENTRY
385	PA6237 B	1	01				340	5	1.1	0	163	1	14	253
386	PA3406 B	1	01				2820	42	8.4	1	1354	10	114	254
387	PA3096 B	1	01				1970	29	5.9	1	946	7	80	255
388	PA3089 B	1	01				2820	21	4.2	1	677	5	57	256
388	PA3089 B	2	02				2820	21	4.2	1	677	5	57	257
389	PA6512 S	1	01				99	1	.3	0	48	0	4	258
TOTAL EMISSION, INDUSTRY						***	414259	7189	1451	168	234118	1797	19705	

SECTION 5

EMISSION FACTORS

EMISSION FACTORS

SOURCE	FLUE GAS VOLUME (s)m^3/min			PARTICULATES		GASES kg/ADUMT				
PER:	ADUMT	MT	MT	TOTAL	L10 MCR	SO_2	CO	NO_x	HC	PROCESS
OF:	PULP	BLS	CaO	kg/ADUMT	% of Total					FACTOR
Recovery Boiler (Kraft)	6.92	3.88		75	53	2.5	3	0.95	--	1.8 mt BLS/ ADUMT PULP
Recovery Boiler (Sulphite-Ammonia)				75	90	3.5	--	0.95	--	
Acid Plant (Sulphite-Ammonia)				--	--	10.0	--	--	--	
Lime Kiln	1.00		3.3	22.5	99	0.15	5	0.6	--	0.3 mt CaO/ ADUMT PULP
Dissolving Tank	0.85	0.48		2.5	90	0.05	--	--	--	

ADUMT - Air Dryed Unbleached Metric Ton of pulp

BLS - Black Liquor Solids

CaO - Lime as Calcium Oxide

EMISSION FACTORS (Cont'd)

SOURCE AND FUEL	FLUE GAS VOLUME (s)m^3/min		PARTICULATES		GASES kg/MT,Fuel				
PER:	MT/h	MT/h	TOTAL	L10 MCR	SO_2	CO	NO_x	HC	STEAMING FACTORS
OF:	Steam	Fuel	kg/MT,Fuel	% of Total					MT,Fuel/MT,Steam
Power Boiler - Hog									
Coastal	48.6 h_3		15	85	0.75	5	0.93-1.93**	6	0.274 h_3
Interior	39.9 h_3			65					0.252 h_3
Power Boiler - Oil (1.5S)+									
Oil only (Prim.)	16.8		2.37	65	30	0.66	7.9	0.13	0.067
Oil - Secondary Fuel	22.1 h_1								0.088 h_1
Power Boiler - Gas									
Gas only (Prim.)	20.3		120*	65*	9.6*	272*	2800*	48*	1000 m^3,gas/MT,steam 0.09
Gas - Secondary Fuel	24.7 h_2								0.111 h_2
Wood Waste Burner									
Coastal		532	2.0	45	0.05	65	0.5	5.5	
Interior				20					

* $kg/10^6m^3$, gas

** 0.93 - wood processing industry
1.93 - pulp and paper mills

\+ sulphur content - 1.5 percent

STEAMING RATIOS:

h_1 - Ratio of oil in fuel
h_2 - Ratio of gas in fuel
h_3 - Ratio of hog in fuel

EMISSION FACTORS (Cont'd)

REFERENCES

CODE	SUBJECT	REFERENCE
5	Sulphate pulping	AP-42 Table 10.1.2-1
5	Sulphite pulping	AP-42 Table 10.1.3-1
5	Fuel oil combustion	AP-42 Table 1.3-1
5	Gas combustion	AP-42 Table 1.4-1
5	Wood waste, boilers	AP-42 Table 1.6-1
5	Wood waste, burners	AP-42 Table 2.3-1

CODE	SUBJECT	REFERENCE
3	Particle size distribution:	
	Wood waste boilers	NCASI Bull. 72 Fig. 8
	Kraft recovery boilers	NCASI Bull. 94 Table 13
	Lime kilns, dissolving tank	NCASI Bull. 94 Table 14
	Wood waste burners	Forest Research Laboratory Oregon State University Bulletin 11, 1970, p. 57
3	Salt contaminated wood waste	Study of Salt Emissions, PCB, Victoria, B.C. July 1977
3	NO_x emissions:	
	Kraft recovery boilers	NCASI Bull. 105, Table 3
	Lime kilns	NCASI Bull. 107, Table 4
	Wood waste boilers	NCASI Bull. 102, Chap. VI

SECTION 6

COMPUTER PROGRAM TO READ DATA FILES

OPERATING INSTRUCTIONS

COMPUTER PROGRAM TO READ DATA FILES

The program is designed to be used on the NORTHSTAR HORIZON micro-computer, single density discs, two disc drives. It is written in NORTHSTAR BASIC, release 5.2. and the operating system is DOS, release 5.2.

OPERATING INSTRUCTIONS

Place disc#1 in drive#1 and disc#2 in drive#2. Output terminals: VDT as #Ø and 132 chrs wide printer as #1. Activate computer and terminals.

1. VDT shows READY
2. Type: LOAD OPDEI82 -carriage return-response READY
3. Type: RUN -carriage return- file selection prompt
4. Type: selection -number 1 to 8 (one only)
   response -announcement of selection
   choice of terminal prompt
5. Type: choice of terminal - number 1 or 2- carriage return
   response -for selections 1 to 3:
   mill code number prompt(first)-type it-
   mill code number prompt(last)-type it
   carriage return
   response -for selections 4 to 8:
   mill code numbers prompt(first and last)
   -type them
   carriage return
6. Output on VDT or PRINTER.

Should an error in typing occur computer will terminate the sequence without print-outs. By typing RUN a new sequence is originated. Should the error be of no SYNTAX nature, the sequence can be aborted by pressing CONTROL C and then typing RUN again to restart the program.

```
100FORX=11TO59\!TAB(10),"*",\NEXTX\!
110!TAB(10),"*",TAB(58),"*"
120!TAB(10),"*","  PROGRAM >OPDEI82< TO OPERATE DATA FILES FOR",TAB(58),"*"
130!TAB(10),"*","  THE B.C.FOREST INDUSTRY EMISSION INVENTORY ",TAB(58),"*"
140!TAB(10),"*","  AND PCP USAGE IN THE YEAR 1982.            ",TAB(58),"*"
150!TAB(10),"*",TAB(58),"*"
160!TAB(10),"*","  COPYRIGHT L.KRAWCZYK,P.ENG. ",TAB(58),"*"
170!TAB(10),"*","  WEST VANCOUVER,B.C. APR.30,1983",TAB(58),"*"
180!TAB(10),"*",TAB(58),"*"
190FORX=11TO59\!TAB(10),"*",\NEXTX\!
200 !
210REM OPDEI82.COPYRIGHT L.KRAWCZYK.830430
220A=1\LINE#A,132\DIMC0$(50),C1$(50),C2$(50),C3$(50),C6$(20),C8$(20)
230!"TO READ DATA OF THE:"
240!TAB(5),"MASTER FILE,PULP&PAPER MILLS",TAB(65),">1<"
250!TAB(5),"MASTER FILE,WOOD PROC.MILLS W/BOILERS",TAB(65),">2<"
260!TAB(5),"MASTER FILE,WOOD PROC.MILLS W/WOOD WASTE BURNERS",TAB(65),">3<"
270!TAB(5),"SOURCE FILE,REC.BOILERS&DISS.TANKS",TAB(65),">4<"
280!TAB(5),"SOURCE FILE,POWER BOILERS,P&P MILLS",TAB(65),">5<"
290!TAB(5),"SOURCE FILE,KILNS,P&P MILLS",TAB(65),">6<"
300!TAB(5),"SOURCE FILE,BOILERS,WOOD PROC.MILLS",TAB(65),">7<"
310!TAB(5),"SOURCE FILE,WOOD WASTE BURNERS",TAB(65),">8<"
320INPUT"SELECT MODE: ",Z
330ONZGOTO340,350,360,370,380,390,400,410
340S$="EIMF0"\OPEN#1,S$\Z0=1\GOTO420
350S$="EIMF1"\OPEN#1,S$\Z0=0\GOTO430
360S$="EIMF2,2"\OPEN#1,S$\GOTO960
370S$="EIRB0,2"\OPEN#1,S$\GOTO1380
380S$="EIPB0"\OPEN#1,S$\Z0=1\GOTO1920
390S$="EIKN0,2"\OPEN#1,S$\GOTO2520
400S$="EIPB1,2"\OPEN#1,S$\Z0=0\GOTO1930
410S$="EIWB12,2"\OPEN#1,S$\GOTO3010
420!"READING MASTER FILE,P$P MILLS.MILL NUMBERS:001 TO 026"\GOTO440
430!"READING MASTER FILE,WOOD PROC.MILLS W/BOILERS.MILL NBRS:101 TO 156"
440INPUT"VDT READING >1< OR PRINTING >2< ",Z1
450ONZ1GOTO460,650
460INPUT"FIRST READING,MILL CODE NUMBER,3 DIGITS: ",A1$\N1=VAL(A1$)
470INPUT"LAST  READING,MILL CODE NUMBER,3 DIGITS: ",A2$\N2=VAL(A2$)
480IFZ0=0THEN490ELSE500
490N1=N1-100\N2=N2-100
500FORN=N1TON2
510IFTYP(1)=0THENEXIT630
520X=X+1\M=(N-1)*335
530READ#1%M,A$,P$,C0$,C1$,C2$,C3$,C4$,C5$,C6$,C7$,C8$,C9$
540READ#1,P1(0),P1(1),P2(0),P2(1)
550!\!A$," PRES: ",P$," LAT. ",C4$," LONG. ",C5$
560!C0$\!C1$\!C2$\!C3$
```

```
570!C6$,"  ",C7$,"  ",P1(0)," ",P1(1)
580!C8$,"  ",C9$,"  ",P2(0)," ",P2(1)
590IFX=2THEN610
600!\GOTO620
6100RX=11TO43\!TAB(10),"*",\NEXTX\!
620NEXTN
630!"READING COMPLETED"
640CLOSE#1\END
650!"PRINTING MASTER FILE"
660INPUT"FIRST READING,MILL CODE NUMBER,3 DIGITS: ",A1$\N1=VAL(A1$)
670INPUT"LAST  READING,MILL CODE NUMBER,3 DIGITS: ",A2$\N2=VAL(A2$)
680IFZ0=0THEN690ELSE700
690N1=N1-100\N2=N2-100
700N3=INT(((N2-N1+1)/6)+.85)\N4=1\N5=.9
710FORN=N1TON2
720IFTYP(1)=0THENEXIT2000
730M=(N-1)*335
740READ#1%M,A$,P$,C0$,C1$,C2$,C3$,C4$,C5$,C6$,C7$,C8$,C9$
750READ#1,P1(0),P1(1),P2(0),P2(1)
760IFA$(1,1)="N"THEN950
770IFN4>N5THEN780ELSE790
780!#A,%3I,TAB(120),N4," OF ",N3
790!#A,TAB(5),A$,TAB(20),"PRESERVES USED: ",P$,TAB(50),"LATITUDE:",C4$,
800!#A,TAB(75),"LONGITUDE: ",C5$
810!#A,TAB(5),C0$,TAB(60),C1$
820!#A,TAB(5),C2$,TAB(60),C3$
830X=X+1
840IFP1(0)=99THEN850ELSE860
850!#A,TAB(5),"PRIM.PROD. ",C6$," ",C7$," ",%C9I,"N.A.",\GOTO870
860!#A,TAB(5),"PRIM.PROD. ",C6$," ",C7$," ",%C10I,P1(0),
870IFC8$(1,1)="N"THEN910
880IFP2(0)=99THEN890ELSE900
890!#A,TAB(65),"SEC.PROD. ",C8$," ",C9$," ",%C9I,"N.A."\GOTO920
900!#A,TAB(65),"SEC.PROD. ",C8$," ",C9$," ",%C10I,P2(0)\GOTO920
910!#A
920N5=N5+1/6\IFX=6THEN940
930!#A\!#A\!#A\GOTO950
940X=0\N4=N4+1\!#A,CHR$(12)
950NEXTN\GOTO630
960!"READING MASTER FILE,MILLS W/WOOD-WASTE BURNERS.MILL NBRS:201 TO 389"
970INPUT"VDT READING >1< OR PRINTING >2< ",Z1
980NZ1GOTO990,1130
990INPUT"FIRST READING,MILL CODE NUMBER,3 DIGITS: ",A1$\N1=VAL(A1$)
1000INPUT"LAST  READING,MILL CODE NUMBER,3 DIGITS: ",A2$\N2=VAL(A2$)
1010N1=N1-200\N2=N2-200
1020FORN=N1TON2
1030IFTYP(1)=0THENEXIT1370
1040X=X+1\M=(N-1)*234
```

```
1050READ#1%M,A$,P$,C0$,C1$,C2$,C4$,C5$,C6$,C7$,P1(0)
1060!\!A$," PRES: ",P$," LAT. ",C4$," LONG. ",C5$
1070!C0$\!C1$\!C2$
1080!C6$,"  ",C7$,"  ",P1(0)
1090IFX=3THEN1110
1100!\GOTO1120
1110!\X=0\!"PRESS >CONT< FOR MORE"\STOP
1120NEXTN\GOTO630
1130!"PRINTING MASTER FILE"
1140INPUT"FIRST READING,MILL CODE NUMBER,3 DIGITS: ",A1$\N1=VAL(A1$)
1150INPUT"LAST  READING,MILL CODE NUMBER,3 DIGITS: ",A2$\N2=VAL(A2$)
1160N1=N1-200\N2=N2-200
1170N3=INT(((N2-N1+1)/6)+.85)\N4=1\N5=.9
1180FORN=N1TON2
1190IFTYP(1)=0THENEXIT620
1200M=(N-1)*234
1210READ#1%M,A$,P$,C0$,C1$,C2$,C4$,C5$,C6$,C7$,P1(0)
1220IFA$(1,1)="N"THEN1370
1230IFN4>N5THEN1240ELSE1250
1240!#A,%3I,TAB(120),N4," OF ",N3
1250!#A,TAB(5),A$,TAB(20),"PRESERVES USED: ",P$,TAB(50),"LATITUDE:",C4$,
1260!#A,TAB(75),"LONGITUDE: ",C5$
1270!#A,TAB(5),C0$,TAB(60),C1$
1280!#A,TAB(5),C2$,TAB(60),C3$
1290X=X+1
1300IFP1(0)=99THEN1310ELSE1320
1310!#A,TAB(5),"PRIM.PROD. ",C6$," ",C7$," ",%C9I,"N.A.",\GOTO1330
1320!#A,TAB(5),"PRIM.PROD. ",C6$," ",C7$," ",%C10I,P1(0),
1330!#A
1340N5=N5+1/6\IFX=6THEN1360
1350!#A\!#A\!#A\GOTO1370
1360X=0\N4=N4+1\!#A,CHR$(12)
1370NEXTN\GOTO630
1380!"READING REC.BOILER&DISS.TANKS SOURCE FILE.ENTRY NUMBERS:1 TO 33"
1390INPUT"VDT READING >1< OR PRINTING >2< ",Z1
1400ONZ1GOTO1410,1570
1410INPUT"FIRST AND LAST SOURCE ENTRY NUMBER: ",N1,N2
1420FORN=N1TON2
1430IFTYP(1)=0THENEXIT1320
1440X=X+1\M=(N-1)*86
1450READ#1%M,E(1),A$(6,8),E1$,I1$,F1$,G0$,G1$
1460READ#1,H1(1),H2(1),H4(1),H6(1),H8(1),J1(1),J2(1),J3(1),J4(1)
1470!\E(1),"  ",A$(6,8),"  ",E1$,"  ",F1$,"  ","STACK RB ",G0$," STACK DT ",G1$
1480!"STEAM,MT/H",TAB(15),"WORK DAYS/Y",TAB(30),"BL.LIQ.MT/D",
1490!TAB(48),"AUX.FUEL",TAB(63),"AUX.FUEL%"
1500!TAB(3),H1(1),TAB(18),H2(1),TAB(34),H4(1),TAB(52),H6(1),TAB(67),H8(1)
1510!"PAE RB",TAB(15),"PAE EFF%",TAB(30),"PAE DT",TAB(48),"PAE EFF%"
1520!TAB(3),J1(1),TAB(18),J2(1),TAB(34),J3(1),TAB(52),J4(1)
```

```
1530IFX=2THEN1550
1540!\GOTO1560
1550!\X=0\!"PRESS>CONT< FOR MORE"\STOP
1560NEXTN\GOTO630
1570!"PRINTING REC.BOILER FILE"\Z2=0\N4=1\N5=.98
1580INPUT"FIRST AND LAST SOURCE ENTRY NUMBER: ",N1,N2
1590N3=INT(((N2-N1+1)/32)+.98)
1600FORN=N1TON2
1610IFTYP(1)=0THENEXIT650
1620X=X+1\M=(N-1)*86
1630READ#1%M,E(1),A$(6,8),E1$,I1$,F1$,G0$,G1$
1640READ#1,H1(1),H2(1),H4(1),H6(1),H8(1),J1(1),J2(1),J3(1),J4(1)
1650IFN4>N5THEN1670ELSE1830
1660IFZ2=1THEN1830
1670!#A,TAB(5),"EMISSION INVENTORY 1982.REC.BOILERS AND DISS.TANKS.",
1680!#A,%3I,TAB(120),N4," OF ",N3\!#A\!#A
1690!#A,TAB(11),"MILL",TAB(43),"STK",TAB(48),"STK",TAB(53),"STEAM",
1700!#A,TAB(61),"WORK",TAB(67),"BL.LIQ."
1710!#A,TAB(6),"ENT",TAB(11),"CODE",TAB(17),"PERMIT",TAB(27),"CNS",
1720!#A,TAB(32),,"MAKE,YR,C",TAB(43),"RB",TAB(48),"DT",TAB(53),"OUTPUT",
1730!#A,TAB(61),"DAYS",TAB(67),"BURNT",TAB(76),"AUX.FUEL",
1740!#A,TAB(86),"PAE-REC.BL",TAB(98),"PAE-DIS.TK"
1750!#A,TAB(6),"NBR",TAB(11),"NBR",TAB(17),"NBR",TAB(27),"NBR",TAB(43),"NBR",
1760!#A,TAB(48),"NBR",TAB(53),"MT/H",TAB(61),"D/YR",TAB(67),"MT/DAY",
1770!#A,TAB(76),"TYPE %",TAB(86),"TYPE EFF%",TAB(98),"TYPE EFF%"\!#A
1780!#A,TAB(7),"1",TAB(12),"2",TAB(18),"3",TAB(28),"4",TAB(33),"5",
1790!#A,TAB(44),"6",TAB(49),"7",TAB(55),"8",TAB(62),"9",TAB(69),"10",
1800!#A,TAB(76),"11",TAB(81),"12",TAB(86),"13",TAB(92),"14",TAB(98),"15",
1810!#A,TAB(104),"16"
1820FORX1=5TO109\!#A,TAB(5),"-",\NEXTX1\!#A\!#A
1830!#A,TAB(6),%3I,E(1),TAB(11),A$(6,8),TAB(17),E1$,TAB(28),I1$,
1840!#A,TAB(32),F1$,TAB(43),G0$,TAB(48),G1$,
1850!#A,%4I,TAB(54),H1(1),TAB(60),H2(1),TAB(68),H4(1),%2I,TAB(76),H6(1),
1860!#A,%2I,TAB(81),H8(1),TAB(86),J1(1),TAB(92),J2(1),TAB(98),J3(1),
1870!#A,%2I,TAB(104),J4(1)
1880N5=N5+1/32\IFX=32THEN1900
1890GOTO1910
1900X=0\N4=N4+1\!#A,CHR$(12)
1910NEXTN\GOTO630
1920!"READING POW.BOILER SOURCE FILE,P$P MILLS.ENTRY NUMBERS:1 TO 60"\GOTO1940
1930!"READING POW.BOILER SOURCE FILE,WOOD PROC.MILLS.ENTRY NUMBERS:1 TO 100"
1940INPUT"VDT READING >1< OR PRINTING >2< ",Z1
1950ONZ1GOTO1960,2130
1960INPUT"FIRST AND LAST SOURCE ENTRY NUMBER: ",N1,N2
1970FORN=N1TON2
1980IFTYP(1)=0THENEXIT1370
1990X=X+1\M=(N-1)*87
2000READ#1%M,E(2),A$(6,8),E2$,I2$,F2$,G2$
```

```
2010READ#1,H1(2),H2(2),H3(2),H5(2),H7(2),H6(2),H8(2),J1(2),J2(2),K1(2)
2020!\!E(2)," ",A$(6,8)," ",E2$," ",F2$," ","STACK PB ",G2$
2030!"STEAM,MT/H",TAB(15),"WORK DAYS/Y",TAB(30),"WORK HR/D",
2040!TAB(48),"PR.FL.TYPE",TAB(63),"PR.FUEL%"
2050!TAB(3),H1(2),TAB(18),H2(2),TAB(34),H3(2),TAB(52),H5(2),TAB(67),H7(2)
2060!"SEC FL.TYPE",TAB(15),"SC FUEL%",TAB(30),"PAE ID",TAB(48),"PAE EFF%",
2070!TAB(60),"SALT 1/100 %"
2080!TAB(3),H6(2),TAB(18),H8(2),TAB(34),J1(2),TAB(52),J2(2),TAB(64),K1(2)
2090IFX=2THEN2110
2100!\GOTO2120
2110!\X=0\!"PRESS>CONT< FOR MORE"\STOP
2120NEXTN\GOTO630
2130!"PRINTING POW.BOILER FILE"\Z2=0\N4=1\N5=.98
2140INPUT"FIRST AND LAST SOURCE ENTRY NUMBER: ",N1,N2
2150N3=INT(((N2-N1+1)/32)+.98)
2160FORN=N1TON2
2170IFTYP(1)=0THENEXIT750
2180X=X+1\M=(N-1)*87
2190READ#1%M,E(2),A$(6,8),E2$,I2$,F2$,G2$
2200READ#1,H1(2),H2(2),H3(2),H5(2),H7(2),H6(2),H8(2),J1(2),J2(2),K1(2)
2210IFN4>N5THEN2230ELSE2400
2220IFZ2=1THEN2400
2230!#A,TAB(5),"EMISSION INVENTORY 1982.POW.BOILERS."
2240!#A,%3I,TAB(120),N4," OF ",N3\!#A\!#A
2250!#A,TAB(11),"MILL",TAB(43),"STK",TAB(48),"STEAM",
2260!#A,TAB(56),"WORK",TAB(62),"WORK"
2270!#A,TAB(6),"ENT",TAB(11),"CODE",TAB(17),"PERMIT",TAB(27),"CNS",
2280!#A,TAB(32),"MAKE,YR,C",TAB(43),"PB",TAB(48),"OUTPUT",
2290!#A,TAB(56),"DAYS",TAB(62),"HRS",TAB(69),"PR.FUEL",
2300!#A,TAB(78),"AUX.FUEL",TAB(88),"PAE-BOILER",TAB(100),"SALT CONT"
2310!#A,TAB(6),"NBR",TAB(11),"NBR",TAB(17),"NBR",TAB(27),"NBR",TAB(43),"NBR",
2320!#A,TAB(48),"MT/H",TAB(56),"D/YR",TAB(62),"HR/DAY",
2330!#A,TAB(69),"TYPE %",TAB(78),"TYPE %",TAB(88),"TYPE EFF%",
2340!#A,TAB(100),"1/100 %"\!#A
2350!#A,TAB(7),"1",TAB(12),"2",TAB(18),"3",TAB(28),"4",TAB(33),"5",
2360!#A,TAB(44),"6",TAB(50),"7",TAB(57),"8",TAB(63),"9",TAB(68),"10",
2370!#A,TAB(73),"11",TAB(78),"12",TAB(83),"13",TAB(88),"14",TAB(95),"15",
2380!#A,TAB(103),"16"
2390FORX1=5TO109\!#A,TAB(5),"-",\NEXTX1\!#A\!#A
2400!#A,TAB(6),%3I,E(2),TAB(11),A$(6,8),TAB(17),E2$,TAB(28),I2$,
2410!#A,TAB(32),F2$,TAB(43),G2$,
2420IFZ0=0THEN2450
2430!#A,%4I,TAB(50),H1(2),TAB(55),H2(2),TAB(61),H3(2),
2440!#A,%3I,TAB(68),H5(2),\GOTO2460
2450!#A,%5F1,TAB(48),H1(2),%4I,TAB(55),H2(2),TAB(61),H3(2),%3I,TAB(67),H5(2),
2460!#A,%3I,TAB(72),H7(2),TAB(77),H6(2),TAB(82),H8(2),TAB(87),J1(2),
2470!#A,%3I,TAB(94),J2(2),TAB(102),K1(2)
2480N5=N5+1/32\IFX=32THEN2500
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```
2490GOTO2510
2500X=0\N4=N4+1\!#A,CHR$(12)
2510NEXTN\GOTO630
2520!"READING KILN SOURCE FILE,P&P MILLS.ENTRY NUMBERS:1 TO 28"
2530INPUT"VDT READING >1< OR PRINTING >2< ",Z1
2540ONZ1GOTO2550,2700
2550INPUT"FIRST AND LAST SOURCE ENTRY NUMBER: ",N1,N2
2560FORN=N1TON2
2570IFTYP(1)=0THENEXIT1210
2580X=X+1\M=(N-1)*67
2590READ#1%M,E(3),A$(6,8),E3$,I3$,F3$,G3$
2600READ#1,H1(3),H2(3),H5(3),H6(3),J1(3),J2(3)
2610!\!E(3)," ",A$(6,8)," ",E3$," ",F3$," ","STACK KILN ",G3$
2620!"CAO,MT/D",TAB(15),"WORK DAYS/Y",TAB(30),"PRIM.FUEL"
2630!TAB(3),H1(3),TAB(18),H2(3),TAB(34),H5(3)
2640!"SEC FUEL",TAB(15),"PAE,KILN,& EFF.%"
2650!TAB(3),H6(3),TAB(18),J1(3),TAB(27),J2(3)
2660IFX=2THEN2680
2670!\GOTO2690
2680!\X=0\!"PRESS>CONT< FOR MORE"\STOP
2690NEXTN\GOTO630
2700!"PRINTING KILN FILE"\Z2=0\N4=1\N5=.98
2710INPUT"FIRST AND LAST SOURCE ENTRY NUMBER: ",N1,N2
2720N3=INT(((N2-N1+1)/32)+.98)
2730FORN=N1TON2
2740IFTYP(1)=0THENEXIT520
2750X=X+1\M=(N-1)*67
2760READ#1%M,E(3),A$(6,8),E3$,I3$,F3$,G3$
2770READ#1,H1(3),H2(3),H5(3),H6(3),J1(3),J2(3)
2780IFN4>N5THEN2800ELSE2930
2790IFZ2=1THEN2930
2800!#A,TAB(5),"EMISSION INVENTORY 1982.KILNS (CALCINERS)."
2810!#A,%3I,TAB(120),N4," OF ",N3\!#A\!#A
2820!#A,TAB(11),"MILL",TAB(43),"STK",TAB(49),"CAO",TAB(56),"WORK"
2830!#A,TAB(6),"ENT",TAB(11),"CODE",TAB(17),"PERMIT",TAB(27),"CNS",
2840!#A,TAB(32),"SPEC.TYPE",TAB(43),"KLN",TAB(48),"OUTPUT",
2850!#A,TAB(56),"DAYS",TAB(62),"PRIM.",TAB(69),"SEC.",TAB(76),"PAE  KILN"
2860!#A,TAB(6),"NBR",TAB(11),"NBR",TAB(17),"NBR",TAB(27),"NBR",TAB(43),"NBR",
2870!#A,TAB(49),"MT/D",TAB(56),"D/YR",TAB(62),"FUEL",TAB(69),"FUEL",
2880!#A,TAB(76),"TYPE EFF%"
2890!#A,TAB(7),"1",TAB(12),"2",TAB(18),"3",TAB(28),"4",TAB(33),"5",
2900!#A,TAB(44),"6",TAB(50),"7",TAB(57),"8",TAB(63),"9",TAB(70),"10",
2910!#A,TAB(76),"11",TAB(81),"12"
2920FORX1=5TO109\!#A,TAB(5),"-",\NEXTX1\!#A\!#A
2930!#A,TAB(6),%3I,E(3),TAB(11),A$(6,8),TAB(17),E3$,TAB(28),I3$,
2940!#A,TAB(32),F3$,TAB(43),G3$,
2950!#A,%4I,TAB(50),H1(3),TAB(55),H2(3),
2960!#A,%2I,TAB(63),H5(3),TAB(70),H6(3),TAB(76),J1(3),TAB(82),J2(3)
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2970N5=N5+1/32\IFX=32THEN2990
2980GOTO3000
2990X=0\N4=N4+1\!#A,CHR$(12)
3000NEXTN\GOTO630
3010!"READING WOOD BURNERS SOURCE FILE.ENTRY NUMBERS:1 TO 258"
3020INPUT"VDT READING >1< OR PRINTING >2< ",Z1
30300NZ1GOTO3040,3170
3040INPUT"FIRST AND LAST SOURCE ENTRY NUMBER: ",N1,N2
3050FORN=N1TON2
3060IFTYP(1)=0THENEXIT900
3070X=X+1\M=(N-1)*62
3080READ#1%M,E(4),A$(6,8),E4$,I4$,G4$
3090READ#1,H1(4),H2(4),H3(4),L1(4),L2(4),L3(4),L4(4)
3100!\!E(4)," ",A$(6,8)," ",E4$,TAB(22),"STACK,BURNER ",G4$
3110!"VOL.M3/MIN",TAB(22),"WORK DAYS/Y",TAB(37),"WORK HR/D"
3120!TAB(3),H1(4),TAB(25),H2(4),TAB(41),H3(4)
3130IFX=3THEN3150
3140!\GOTO3160
3150!\X=0\!"PRESS>CONT< FOR MORE"\STOP
3160NEXTN\GOTO630
3170!"PRINTING BURNER FILE"\Z2=0\N4=1\N5=.98
3180INPUT"FIRST AND LAST SOURCE ENTRY NUMBER: ",N1,N2
3190N3=INT((N2-N1+1)/36+.98)
3200FORN=N1TON2
3210IFTYP(1)=0THENEXIT3510
3220X=X+1\M=(N-1)*62
3230READ#1%M,E(4),A$(6,8),E4$,I4$,G4$
3240READ#1,H1(4),H2(4),H3(4),L1(4),L2(4),L3(4),L4(4)
3250IFA$(6,8)="NNN"THEN3490
3260IFN4>N5THEN3270ELSE3440
3270IFZ2=1THEN3440
3280!#A,TAB(5),"EMISSION INVENTORY 1982.WOOD WASTE BURNERS.",
3290!#A,%3I,TAB(120),N4," OF ",N3\!#A
3300FORX1=5TO83\!#A,TAB(5),"~",\NEXTX1\!#A
3310!#A,TAB(11),"MILL",TAB(32),"STK",TAB(37),"EMISS.",
3320!#A,TAB(45),"WORK",TAB(54),"WORK"
3330!#A,TAB(6),"ENT",TAB(11),"CODE",TAB(17),"PERMIT",TAB(24),"T",
3340!#A,TAB(27),"CNS",TAB(32),"BUR",TAB(37),"VOLUME",TAB(45),"DAYS",
3350!#A,TAB(54),"HRS",TAB(60),"DIA",
3360!#A,TAB(67),"HEIGHT",TAB(74),"ELEV",TAB(81),"TEMP"
3370!#A,TAB(6),"NBR",TAB(11),"NBR",TAB(17),"NBR",TAB(27),"NBR",TAB(32),"NBR",
3380!#A,TAB(37),"M3/MIN",TAB(45),"D/YR",TAB(54),"HR/DAY",
3390!#A,TAB(60),"M",TAB(67),"M",TAB(74),"M",TAB(81),"DC"
3400!#A,TAB(7),"1",TAB(12),"2",TAB(18),"3",TAB(28),"4",TAB(32),"5",
3410!#A,TAB(39),"6",TAB(46),"7",TAB(54),"8",TAB(61),"9",TAB(68),"10",
3420!#A,TAB(75),"11",TAB(81),"12"
3430FORX1=5TO83\!#A,TAB(5),"~",\NEXTX1\!#A\!#A
3440!#A,TAB(6),%3I,E(4),TAB(11),A$(6,8),TAB(17),E4$,TAB(28),I4$,TAB(32),G4$,
```

```
3450!#A,%6I,TAB(37),H1(4),TAB(42),H2(4),TAB(48),H3(4)
3460N5=N5+1/36\IFX=36THEN3480
3470GOTO3500
3480X=0\N4=N4+1\!#A,CHR$(12)\GOTO3500
3490X=X-1
3500NEXTN\GOTO630
3510END
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This document entitled

"Source and Emission Inventory
Incineration Systems
Forest Products Industry
of British Columbia - 1982"

was prepared by Stanley Associates Engineering Ltd.

PROJECT ENGINEER

PROJECT MANAGER

Date: 5 August 1983

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