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EPA Region 5 Records Ctr.
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Allied Photo Paper Unit To Expand

Advanced New Plant To Go Up at Once.

(Continued from Page 1)

gree that even a special mortar will be used in laying the tile which will prevent any possibility of dust or of impure air seeping into the structure.

The new unit will contain a coating machine of unique and highly specialized design suitable for the production of a wide variety of photographic specialties.

Production facilities also will include a new super-calender stack for applying the high finish required for glossy prints, and for production of "A-print-a-minute" cameras. A rewinder will be installed especially suited to the high degree of inspection and cleanliness of the products involved.

"Demand for increased production and, in particular, further efforts to improve cleanliness and purity have resulted in the decision to expand, modernize and improve production facilities," the company announced.

"Cleanliness is a prime requisite in the production of photographic paper, even the air must be filtered and purified" a company official explained. "This is done with equipment which would even remove cigarette smoke from air as it passes through Walls and floors are washed daily with purified water, and all men in the photo plant wear special white clothing"

STARTED IN 1939

The Allied Paper Mills has produced baryta coated photographic papers at the King Mill since 1939 At that time there was only one other domestic producer, although a dozen mills had attempted its production without success.

When production was started at the local plant about half of the domestic producers of base stock photographic paper were entirely dependent upon European mills for their supply of baryta coated photobase prior to World War II. German submarines almost completely cut off the foreign supply in 1940, and some of the sensitizing plants found themselves in about the same position as dyestuff users at the time of World War II.

The local project was recognized by the government as such a vital factor in the overall defense effort that all personnel connected with it were deferred from military service.

Allied entered the field of photographic reproduction paper just prior to World War II as part of a parallel and joint development with the Lee Paper Company at Vicksburg. The Lee Paper Company, with exceptionally fine facilities for the production of fine photographically pure papers, developed a base stock which the Allied Mill coats for sensitizers located in this country.

Aided by the unusual demand and with some assistance from the photo sensitizers themselves, the technical staffs of Allied and Lee paper mills cooperated in the development of various types of photographic papers. Some of the photographic papers are directly sensitized on the Lee Paper Company base and others are first coated at the Allied mill with a mixture of extremely pure gelatin and a pure white pigment chemical known as barium sulfate or "baryta."

AN EARLY STUMBLING BLOCK

One of the principal stumbling blocks first encountered had to do with the purity of the baryta pigment. It was found that no satisfactory quantities of acceptable purity were available in this country.

As a result of this situation, the Allied Mills had to erect a chemical plant for the production of photographically pure baryta. The first productive unit involved bringing together clear purified solutions of barium chloride and sodium sulfate. A fine white precipitate resulted which was then washed and settled over a week's period in order to purify it.

This operation was slow and production limited. Subsequently, the cleaning and washing was changed over to a process involving a centrifuge similar to a huge cream separator such as might be used in dairies. This accomplished in minutes the same process that previously took hours.

Formulations [illegible] by Allied technicians are reported to have resulted in many photo products equal to or superior to similar products produced domestically and abroad.

The Photographic Division is in direct charge of Donald Huyser, a 1951 graduate of the course in paper technology at Western Michigan College. Huyser also is in charge of development projects in the photographic field.

Since its inception, the enterprise has been under the direction of the technical division headed by W A. Kirkpatrick, vice president and technical director.

H. B. Johnston, vice president and chief engineer of the Allied Paper Mills, has been in charge of the design of the new plant and its equipment, and has been assisted by Donald Falvey of the engineering staff.

The building has been designed by Louis C. Kingscott and Associates, local architectural and engineering firm The Kalamazoo firm of Miller-Davis Company has been awarded the general contract to construct the building The air conditioning is being handled by the J. O Ross Engineering Company of Chicago.

Allied Photo Paper Unit To Expand

Advanced New Plant To Go Up at Once.

The Allied Paper Mills announce an expansion program at its King division mill in Lake Street which will make Kalamazoo the center of the most advanced plant in the world for production of base stock photographic paper

The new unit will be a 45 by 112 foot three-story building to house the Photo Paper Division located at the King division.

An Allied official said construction will begin "at once" with the building to be completed and production in the new unit to start by "the middle of the summer" The cost of the entire project was not announced, though highly specialized features of the unit indicate it will be a significant expansion in the growing Kalamazoo industrial scene

ONE OF TWO SUPPLIERS

The new building will be located at the north end of the King mill. Two floors will house production facilities for the highly specialized production of base stock photographic paper, and the third floor will house the engineering offices.

This will expand the development of the Photo Paper Division at the King mill underway since 1939 in a joint project with the Lee Paper Company, Vicksburg, which has made the local plant one of the only two prime source suppliers of "baryta" coated photographic base stock in the entire Western Hemisphere. The only other prime producer in this country is the Eastman Kodak Company

The new building will have unique features setting it apart from the usual industrial plant

The structure will be so constructed that outside air cannot be admitted until it has been so thoroughly filtered that even cigarette smoke would be removed. Temperature and humidity will as well be rigidly controlled

COMPLETELY AIR TIGHT

The building itself will be completely air tight, much of the materials' handling will be by automatic devices, and personnel will be provided with segregated facilities for entering and leaving the plant.

An executive of the company who has participated in planning for the new project said the air into the plant will be filtered to such a fine degree to remove any traces of impurities that "even radioactive atomic dust" will be removed.

This plays a vital part of the production since only the slightest trace of radioactivity would ruin the base stock photographic paper for sensitizing into photographic film.

As it is, production in present facilities is now continuously monitored with a Geiger counter to guard against radioactivity Company officials said this is a precautionary measure and radioactivity has not interfered with production at the local plant

The company executive said without reservations the plant unit to be constructed "will be second to none in the world" for the specialized production of base stock photographic paper

BLOCK, TILE CONSTRUCTION

The building will be constructed of glass block and smooth tile for both the outside and inside walls. The air-tight construction will be carried out to such a minute de-

SA 045770

ENGINEERING REPORT

REPORT ON WASTE DISPOSAL
AT ALLIED PAPER COMPANY
BRYANT DIVISION
KALAMAZOO, MICHIGAN

4-25-92 right exhibit #2

KA04500003

SA 033541

Report on Waste Disposal at
Allied Paper Company
Kalamazoo, Michigan

Introduction

At the request of Dr. Ward Harrison, President of Allied Paper Company, National Council engineers conducted a survey of water usage and waste disposal at Kalamazoo, Michigan.

The objective of the program were the following:

1. To determine the source and intensity of the major pollutional loads as discharged from the present operation.

2. To determine the performance of the existing waste disposal facilities.

3. To indicate ways and means of reducing waste loads and increasing water use efficiency.

4. To make recommendations concerning a program for additional pollution abatement to coincide with requirements of the Michigan Water Resources Commission.

This report is intended to summarize the results of the survey. In view of the magnitude and complexity of the problem, the report is presented in two sections. Parts 1 and 2 will cover the results of the survey at the Bryant and King Division, respectively.

Part 1 Bryant Division

Description of Mill Processes

The Bryant Divison produces approximately 200 tons per day of specialty papers on five Fourdrinier machines. Furnish

Report on Waste Disposal at
Allied Paper Company
Kalamazoo, Michigan

Part II King Division

Description of Mill Processes

The King Division produces approximately 200 tons per day of specialty papers on four Fourdrinier machines. Furnish for the operation consist of 170-180 tons of pulp prepared at the mill by an alkaline cook of waste papers consisting of magazines, books, and ledger. Twenty to thirty tons of purchased unbleached sulphite pulp is also re-pulped and blended with the reclaimed pulp. The digester liquor is recycled for heat recovery and dilution in the centrifliers and Johnson screens from whence it is discharged to the sewer.

All paper machines are equipped with Bird Screens and Sveen-Pederson saveall devices. All Machine shower and Bird Screen shower waters pass through the saveall devices. Saveall effluents are discharged to storage tanks for re-use, except when colored papers are being produced. White Water tank overflows and colored waters are discharged through sewers directly to a primary treatment facility and thence to Kalamazoo River, the receiving stream.

Survey Procedures

To accomplish the objectives previously cited in Part I, a three day survey was conducted. The survey consisted of collecting 8-hr. composite samples at major mill waste streams. In addition to these samples, grab samples were collected at individual waste sources throughout the mill. Location of all sampling points are presented in Figure 1. All samples were analyzed for BOD, and

Mill: Bryant Division Location: Kalamazoo, MI

II. PRODUCTION INFORMATION

A. Pulp Consumed ***	Average Daily** Air Dry Tons/Day Hardwood	Average Daily** Air Dry Tons/Day Softwood	Maximum Day Air Dry Tons/Day Hardwood	Maximum Day Air Dry Tons/Day Softwood	Maximum Month Air Dry Tons/Day Hardwood	Maximum Month Air Dry Tons/Day Softwood
3. Bleached Kraft	11 (15)	148(159)	35(24)	195(183)	29(19)	178(166)
4. Unbleached Kraft						
5. Bleached Soda						
6. Sulfite						
7. Wastepaper						
8. Other (please list)						
Semi-blended		5 (2)		14 (5)		12 (3)
Misc. Pulp Substitute	4 (3)		10 (7)		8 (5)	

*** Numbers in ( ) are for July 1-Oct. 1, 1977. Other figures are for 1976.

B. Products	Average Daily** Air Dry* Tons/day	Maximum Day Air Dry* Tons/day	Maximum Mont Air Dry* Tons/day
9-12 NOT APPLICABLE			
9. Market Pulp			
a. Pulp Bales and/or Rolls			
b. Wet Lap Pulp			
c. Slushed Pulp			
10. Groundwood Molded Pulp			
11. Newsprint			
12. Groundwood Printing, Writing and Related			
a. Uncoated Groundwood Printing and Converting			
b. Clay (50% or more Kaolin) Coated Groundwood Printing and Converting			

*Measured at the winder or pulp dryer.

**Average Daily = $\frac{\text{Total production for the year}}{\text{Total number of production days for the year}}$

Mill: Monarch Division Location: Kalamazoo, MI

II. PRODUCTION INFORMATION

A. Pulp*** Consumed	Average Daily** Air Dry Tons/Day Hardwood	Average Daily** Air Dry Tons/Day Softwood	Maximum Day Air Dry Tons/Day Hardwood	Maximum Day Air Dry Tons/Day Softwood	Maximum Month Air Dry Tons/Day Hardwood	Maximum Month Air Dry Tons/Day Softwood
3. Bleached Kraft		25 (25)		38 (29)		34 (27)
4. Unbleached Kraft		9 (10)		12 (12)		11 (11)
5. Bleached Soda						
6. Sulfite						
7. Wastepaper						
8. Other (please list) Miscellaneous	3 (0)		5 (0)		4 (0)	

	Average Daily** Air Dry* Tons/day	Maximum Day Air Dry* Tons/day	Maximum Month Air Dry* Tons/day
B. Products			
9. Market Pulp NOT APPLICABLE			
a. Pulp Bales and/or Rolls			
b. Wet Lap Pulp			
c. Slushed Pulp			
10. Groundwood Molded Pulp NOT APPLICABLE			
11. Newsprint NOT APPLICABLE			
12. Groundwood Printing, Writing and Related NOT APPLICABLE			
a. Uncoated Groundwood Printing and Converting			
b. Clay (50% or more Kaolin) Coated Groundwood Printing and Converting			

*Measured at the winder or pulp dryer.

**Average Daily = $\frac{\text{Total production for the year}}{\text{Total number of production days for the year}}$

***Numbers in ( ) are for period July-Oct.1, 1977. Other numbers are for year 1976.

SA 033953

Raw Materials Inventory
11/21/88

Pulp
- Bleached Kraft Cellulose
  - Northern Softwood
  - Northern Hardwood
  - Southern Softwood
  - Southern Hardwood
  - Specialty Pulps
  - Pulp Substitute

Fillers
- Clay - Kaolin
  - Filler
  - Calcined
  - Coating
- Titanium Dioxide
- Calcium Carbonate
- Talc

Size
- Rosin
- Aquapel
- Graphsize

Alum
- Aluminum Sulfate

Starch

Retention Aid - Polyacrylamide

Defoamer - Fatty Acid

Dyes
- Tinting
- Intralite Blue 2GL
- Pontamine Green 2B
- Fastusol C Blue 49, 77
- Fluorescent Brightener

Miscellaneous
- Soda Ash
- Calcium Chloride
- Sodium Hydroxide
- Hydrochloric acid
- Ammonia
- Chlorine
- Sodium Aluminate
- Calcium Stearate
- Glycerine
- Wet Strength Resins
- Dry Strength Resins
- Surface Treatment Resins
- Latex
- Wax
- Flurochemical
- Dispersant
- TSPP
- Chelant
- Biocide
- Splicing Tape
- Insolubilizer
- Flow Modifiers
- Borax
- Plasticizer
- Plastic Pigment
- Pine Oil
- Silicone
- Surfactant
- Sodium Nitrate

- Boilout & Cleaners
- Degreasers
- Oil & Grease
- Welding Gases
- Propane Tank in Test Station
- Maintenance Suppliers

- Waste Treatment Polymer
- Ferric Sulfate
- Biocides

- Fuel Oil
- Powerhouse Chemicals

- Gasoline
- Antifreeze
- Herbicide
- Lime

- Lab Chemicals

ID-NO.	RAW MATERIAL	PHYS. FORM	% SOLIDS ACT.	% SOLIDS PUR.	DENS. #/GAL.	COST, $/CWT WET	COST, $/CWT DRY	RECEIVED AS		PRODUCT TYPE	APPLICATIONS	SUPPLIER	DATE
12110	CATOSIZE 69	S	90	90	13.33	25.50	28.33	BAGS	100	CATIONIC STARCH	DIAZO - SURFACE SIZING	NATIONAL STARCH	85/08/12
12921	STRIP AID 76-5625	L	40	40	8.20	115.00	287.50	DRUM		WAX	SATURATION	NATIONAL STARCH	84/10/30
12911	CURITE ZN	L	50	50	13.25	48.50	97.00	DRUM		ZINC NITRATE CATALYST	DUR-O-SET CATALYST	NATIONAL STARCH	85/07/26
12920	MADEX 772	S	90	90	13.33	30.27	33.63			LOW VISCOSITY DEXTRIN	PREPASTE	NATIONAL STARCH	85/03/04
12701	SAT.:DUROSET (151)	L	13	13	8.39	15.59	119.89			DUR-O-SET VARIETY	SATURATED GRADES	NATIONAL STARCH	85/10/20
12910	DUR-O-SET. E-669	L	52	52	8.70	50.25	96.63	DRUM		ETHYLVINYL-ACETATE	SATURATION	NATIONAL STARCH	85/07/26
12157	KAYASOL BLACK	S	100	100	.00	320.33	320.33	DRUM	122	DYE	PH	NIPPON KAYAKU CO.	85/10/22
12148	SODIUM NITRATE	S	90	90	20.40	16.13	17.92	BAGS	50	SALT	COATINGS, PH	OLIN	85/02/26
12939	HYDROCARB 30	S	100	100	35.70	14.40	14.40	BAGS	50	GROUNDED LIMESTONE	COATINGS	ONYX INC.	84/10/31
12122	HYDROCARB 65	S	100	100	35.70	18.29	18.29	BAGS	50	GROUNDED LIMESTONE	COATINGS	ONYX INC.	84/10/31
12133	PENFORD GUM 280	S	89	89	13.33	23.10	25.67	BAGS	100	ETHYLATED CORN STARCH	LOW VISCOSITY	PENICK & FORD	84/10/31
12135	PENFORD GUM 280	S	89	89	13.33	25.81	29.00	BAGS	100	ETHYLATED CORN STARCH		PENICK & FORD	84/10/31
12937	PENFORD GUM 290	S	90	90	13.33	.00	.00	BAGS		LOW VISCOSITY		PENICK & FORD	85/06/04
12953	ALBAGLOS (CACO3)	S	100	100	33.00	.00	.00	BAGS	50	CACO3, 0.75 MICRONS	COATINGS	PFIZER MPMA	85/05/29
12919	POLYSAR LATEX 958	L	51	51	8.40	39.70	78.00	DRUM		CARBOXYL.STYRENE-BUTADIENE	SATURATION	POLYSAR	84/12/11
12983	NEOCRYL A-1054	L	45	45	8.70	54.00	120.00	DRUM		ACRYLIC COPOLYMER	SATURATION	POLYVINYL CHEMICALS	85/03/04
12154	CAUSTIC SODA	S	100	100	17.70	25.00	25.00	DRUM	500	PH MODIFIER	COATINGS ETC.	PPG INDUSTRIES	85/04/10
12176	PROCOTE 200-LV	S	90	90	10.50	88.50	98.33	BAGS	50	SOYBEAN PROTEIN	COATINGS	RALSTON PURINA	85/01/10
12190	RHM TRITON GR-7M	L	64	64	8.70	105.74	165.22	DRUM	460	WETTING AGENT	COATINGS	ROHM & HAAS	84/10/30
12915	RHM RHOPLEX P-554	L	47	47	8.00	60.00	127.66	DRUM	475	ACRYLIC CLAY REACTIVE	COATINGS	ROHM & HAAS	85/07/26
12199	RHM POLY EM-40	L	40	40	8.10	59.75	149.38	DRUM	450	POLY ETHYLENE WAX	COATINGS	ROHM & HAAS	84/10/31
12197	RHM ASE-60	L	28	28	8.70	56.00	200.00	DRUM	475	ACRYLIC EMULSION	COATINGS	ROHM & HAAS	85/10/22
12916	RHM RHOPLEX P-376	L	50	50	8.70	56.75	113.50	DRUM	475	ACRYLIC COPOLYMER	COATINGS	ROHM & HAAS	84/10/31
12956	LEUCOPHOR B-38C	L	100	100	9.00	.00	.00	DRUM		OPTICAL BRIGHTENER		SANDOZ CHEMICALS	85/06/04
12810	SEQUOYA	S	90	90	.00	25.00	27.78			GIVES HIGHER TENSILE		SIMPSON	85/07/22
12109	STAYDHE 6A	S	90	90	13.33	12.41	13.79	BAGS	100	ENZYME CONVERTED STARCH	ASE-60 PREPASTE, PH	STALEY	85/10/22
12936	ETHYLEX 2015	S	88	88	13.33	15.50	17.61	BAGS	100	ETHYLATED CORN STARCH	LOW VISCOSITY	STALEY	85/02/21
12958	SUNSIZE 134	L	50	50	8.15	87.00	174.00	DRUM		STEARYLATED MELAMINE/WAX	WATER REPELLANT-RELEASE	SUN CHEMICAL CORP.	85/04/10
12951	SUNSIZE 133	L	50	50	8.15	117.00	234.00	DRUM		STEARYLATED MELAMINE	WATER REPELLANT	SUN CHEMICAL CORP.	85/04/10
12134	BORAX	S	95	95	14.40	25.83	27.19	BAGS	100	BORAX	COATINGS	U.S. BORAX	84/11/06
12929	CARBOWAX 400	L	100	100	9.42	72.00	72.00	DRUM		PLASTICIZER	SATURATION	UNION CARBIDE	85/01/15
12142	AMSCO-RES P-931	L	61	61	11.10	68.00	111.48	DRUM	600	POLYVINYLIDENE CHLORIDE	ELECTROSTATIC COATINGS	UNION 76	85/01/15
12195	AMSCO-RES 6187	L	50	50	9.10	42.14	84.28	DRUM	400	VINYL ACETATE TERPOLYMER	COATINGS	UNION 76	84/10/31
12958	STAFOR 50	L	50	50	9.50	26.00	52.00	BULK		POTASSIUM RESINATE	INTERNAL SIZE	WESTVACO	85/06/17
12137	FC-687	L	33	33	9.50	808.10	2449.03	DRUM		FLUORO-CARBON	GREASE PROOF PAPER	3 M	85/05/15

178 RECORDS IN FILE

Range: 12100-299= Established, 600-699= Water Treatment, 700-799= Precoats, 800-899= Fibers, 900-999= Experimental

NOTIFY ANDERS BERGH (EXT. 333) OF ANY ERRORS

SA00051919

SA 051919

ID-NO.	RAW MATERIAL	PHYS. FORM	% SOLIDS ACT.	% SOLIDS FUR.	DENS. #/GAL.	COST, $/CWT WET	COST, $/CWT DRY	RECEIVED AS	PRODUCT TYPE	APPLICATIONS	SUPPLIER	DATE
12177	CALCIUM CHLORIDE	S	100	100	17.90	12.25	12.25			DUPONT		84/10/15
12822	SOUTHERN SOFTWOOD	S	90	90	.00	14.75	16.39					85/04/10
12583	SOUTHERN HARDWOOD	S	90	90	.00	13.50	15.00					85/05/30
12184	FILLER CLAY	L	70	100	14.58	3.51	5.02	BULK	PIGMENT	PM		85/04/10
12185	CLAY BAGS	S	95	95	21.50	8.69	9.15	BAGS 50	PIGMENT	PM		85/03/01
12126	ROSIN SIZE	L	79	78	9.00	28.50	48.00	BULK	INTERNAL SIZING	PM		85/06/17
12193	SEPARAN CP-7 45	L	8	8	8.40	39.35	491.00	DRUM	RETENTION AID	DUPONT		85/01/15
12808	COTTON LINTERS	S	90	90	.00	42.00	46.67			ENVELOPE GRADES		85/02/21
12930	METHYL CELLULOSE	S	95	95	.00	.00	.00			COATINGS		84/07/20
12152	U.H. BLUE	S	100	100	.00	217.00	217.00		DYE	PM		83/23/04
12932	TALC	S	100	100	23.74	18.99	18.99	BAGS	PIGMENT	PM		85/03/04
12933	SYLOID 244	S	100	100	22.07	147.00	147.00		SILICA			84/10/12
12700	SCRUBWATTE FORMULA	L	61	61	8.63	28.73	33.90			CIS FORMULATION		85/07/25
12600	CHLORINE	S	100	100	.00	17.55	17.55			WATER TREATMENT		84/09/27
12710	PREPASTE ASE-60	L	31	31	9.42	29.52	95.23			PREPASTE FORMULA		85/10/28
12804	WARVAC PULP	S	90	90	.00	21.55	23.94			DUPONT GRADES		85/08/12
12117	RETEN 384	L	30	30	9.00	46.40	154.67	DRUM 475	RETENTION AID	PM		84/11/06
12161	DIRECT RED TDL	S	100	100	.00	410.00	410.00		DYE	PM		84/07/25
12119	NOVASPERSE	L	33	33	9.00	36.00	105.14	DRUM	SIZE			85/10/28
12120	MAPICO YELLOW	S	100	100	.00	63.78	63.78		DYE	PM		84/07/25
12121	AMMONIA	L	8	8	7.50	7.56	7.56	DRUM 375	PH MODIFIER	COATINGS		84/10/31
12708	SATURANT: BEHUMID	L	19	19	8.58	22.06	120.31		BEHUMID 23	SATURATED GRADES		85/10/28
12712	ALUM LIQ.-FE FREE	L	28	28	11.12	28.83	102.96	DRUM		DIAZO		84/11/06
12126	COATING CLAY	L	70	100	14.58	4.13	5.90	BULK	#2 HT CLAY	COATINGS		85/04/10
12131	RA-21	L	10	10	9.00	43.05	430.50		RETENTION AID	PM		84/11/06
12705	ARF-1 (89-3145)	L	38	28	9.00	24.93	89.02		RELEASE SATURANT	USED IN 89-3149		85/01/02
12706	3M SURFACE SIZE	L	31	31	9.93	8.22	26.53					85/05/09
12707	3M THERMO (B.P.)	L	37	37	10.33	7.48	20.20			SIZE PRESS SOLUTION		85/10/22
12959	GROUND CALC.CARB.	S	100	100	23.00	7.50	7.50	BAGS 50	FILLER (PM)			85/09/25
12729	GROUNDCOAT P-554	L	64	64	13.51	22.53	35.20			WALLPAPER GROUNDCOAT		85/10/28
12837	BRUKE	S	95	95	.00	12.75	13.42					85/07/26
12166	SODA ASH	S	98	98	21.10	10.28	11.42	BAGS 100	SODIUM CARBONATE	PM		84/10/31
12381	CANADIAN SOFTWOOD	S	90	90	.00	17.50	19.44					85/10/22
12999	WATER	L	0	0	8.33	.00	.00					84/05/30
12811	CROFTON KRAFT	S	90	90	.00	18.15	20.17		WESTERN RED CEDAR	HIGH TENSILE ETC.		85/10/22
12584	CANADIAN HARDWOOD	S	90	90	.00	20.50	22.77					85/01/10
12805	FISC. PULP	S	90	90	.00	13.50	15.00					85/05/30
12806	PULP SUBSTITUTE	S	90	90	.00	12.75	14.17					85/07/26
12733	[illegible] GRAPHSIZE	L	16	16	9.04	5.16	32.27					85/08/12
12703	MECHSIZE/RESS SOL.	L	15	15	9.10	6.34	42.25		WITH GRAPHSIZE	HOT SPOT CARBON		85/10/28
12156	[illegible]	L	39	38	9.00	31.31	82.39	DRUM	BALSAMIC ACID + SURFACT.	REFLECTING		85/08/12
12[illegible]	SOYBEAN SOYE	S	100	100	.00	20.01	20.01			SOYBEAN SOYE		84/07/25
12[illegible]	AIRFLEX [illegible]	L	50	50	9.16	31.00	102.00	DRUM	VINYL CHLORIDE-ETHYLENE	SATURATION	AIR PRODUCTS [illegible]	85/01/15
12[illegible]	AIRFLEX [illegible]	L	52	52	8.70	33.70	103.27		VINYL ACETATE-ETHYLENE	SATURATION	AIR PRODUCTS [illegible]	84/12/15
12[illegible]	AIRFLEX [illegible]	L	55	55	8.80	52.61	95.65	DRUM 475	VINYLACETATE-ETHYLENE	COATINGS	AIR PRODUCTS [illegible]	84/10/31

SA00051920

ID-NO.	RAW MATERIAL	PHYS. FORM	% SOLIDS ACT.	% SOLIDS PUR.	DENS. O/GAL.	COST, W/OUT WET	COST, W/OUT DRY	RECEIVED AS		PRODUCT TYPE	APPLICATIONS	SUPPLIER	DATE
12947	GRAP-SIZE #8	L	21	21	9.42	59.00	328.57	DRUM	480	POLYURETHANE+ETHYLENE COP	SURFACE SIZING+FILM FORM.	AKZO CHEMIE AMERICA	85/03/20
12925	GRAPHSITE A	L	28	28	8.76	59.50	297.50	DRUM	480	POLY URETHANE	SURFACE SIZING - ALKALINE	AKZO CHEMIE AMERICA	85/10/22
12940	GRAPHSIZE C	L	15	15	8.76	46.00	306.67	DRUM	480	POLYURETHANE	SURFACE SIZING-ACIDIC	AKZO CHEMIE AMERICA	85/03/20
12101	ALUM DRY - FE FREE	S	58	58	.00	39.00	67.24	BAGS	100		DIAZO - IRON FREE	ALLIED CHEM./HOLLAND CORP	85/10/22
12103	ALUM DRY	S	58	58	.00	14.00	24.14	BAGS	50		FM	ALLIED CHEMICALS	85/04/18
12102	ALUM LIQUID	L	28	28	10.99	6.59	23.54	BULK			FM	ALLIED CHEMICALS	85/03/06
12115	PARAMEL	L	8	100	8.40	6.93	86.65	BULK		MELAMINE-FORMALDEHYDE	WET STRENGTH	AMERICAN CYANAMID	85/08/12
12944	ACCUSTRENGTH 85	L	22	22	8.95	176.00	800.00	DRUM		SYNTHETIC POLYMER	INCREASES TENSILE ETC.	AMERICAN CYANAMID	84/10/31
12187	ALPHASIZE	L	35	35	8.68	28.60	81.71	DRUM	480	MODIFIED ROSIN SIZE	DIAZO ETC.	AMERICAN CYANAMID	85/10/22
12191	ACCURAC 39	L	5	5	8.47	31.50	630.00	DRUM		RETENTION AID	MACHINE 65+6	AMERICAN CYANAMID	85/07/30
12923	SOLVITOSE N	S	94	94	13.33	59.00	73.40	BAGS	44	PREGEL.POTATO STARCH	PREPASTE	AMERICAN KEY PRODUCTS	84/12/31
12926	SOLVITOSE HCT-11	S	94	94	13.33	78.00	82.96	BAGS	44	PREGEL.POTATO STARCH	PREPASTE	AMERICAN KEY PRODUCTS	84/12/30
12922	ELVICOTE IN	S	90	90	13.33	55.00	61.11	BAGS	44	PREGEL.POTATO STARCH	PREPASTE	AMERICAN KEY PRODUCTS	84/10/31
12949	AMAZIO 1895 DEXTR.	S	93	93	13.33	15.50	16.67	BAGS		LOW VISC.WAXY MAIZE DEXT.	ADHESIVES	AMERICAN MAIZE CO	85/03/29
12901	AMAZIO 710	S	90	90	13.33	31.00	34.44	BAGS	100	PROPYLENE OXIDIZED CORN	PREPASTE	AMERICAN MAIZE CO	85/03/04
12937	AMAZIO 709-0	S	88	88	13.33	15.50	17.61	BAGS	100	ETHYLATED CORN STARCH	PREPASTE	AMERICAN MAIZE CO.	85/03/04
12946	AMAZIO 839 STARCH	S	90	90	13.33	15.50	17.21	BAGS	100	THIN-BOILING WAXY. CORN	REMOISTENABLE ADHESIVES	AMERICAN MAIZE CO.	85/03/25
12938	AMAZIO 843	S	90	90	13.33	35.92	39.91	BAGS	100	MODIF.WAXY-MAIZE STARCH	LOW VISC. - REMOISTENABLE	AMERICAN MAIZE CO.	85/04/22
12909	EUCALUPTUS	S	90	90	.00	17.01	18.90			EUCALUPTUS FIBERS	SATURATED BASE	ARACRUZ	85/10/22
12934	PINE OIL	L	100	100	7.84	48.00	48.00	DRUM	425	TERPENE ALCOHOL	COATINGS	ARIZONA CHEMICAL COMPANY	85/05/29
12941	FASTUSOL-C BLUE 49	L	14	14	8.90	2400.00	1757.14	DRUM		DYE	DUPONT	BASF	85/07/26
12943	CATIOFAST TURQUOIS	L	15	15	9.27	300.00	2000.00	DRUM	132	DYE	DUPONT	BASF	85/10/16
12942	POLYMIN SO	L	20	20	8.83	67.00	335.00	DRUM	500	RETENTION AID RESIN	DUPONT	BASF	85/07/26
12178	BEROND 23	L	50	50	8.80	65.74	131.48	DRUM	460	LATEX EMULSION	SATURATION	BERCEN	85/01/14
12167	BERSET 84-325	L	76	76	10.20	57.14	75.18	DRUM	500		COATINGS	BERCEN	84/10/30
12908	BERSIZE 6480 (239)	L	50	50	8.20	89.00	178.00	DRUM		PAPER SIZE	SATURATION	BERCEN	85/10/22
12143	BERSET 39	L	47	47	11.40	43.01	91.50	DRUM	500	BUFF.GLYOXAL BASE RESIN	COATINGS	BERCEN	85/01/15
12913	HYCAR 26120	L	50	100	8.91	53.50	107.00	DRUM		ACRYLIC	SATURATION	BF GOODRICH	85/07/26
12179	BUSAN 30-WD	L	30	30	9.25	339.60	1132.00	DRUM	500	MILDEWCIDE	COATINGS	BUCKMAN LABORATORIES	84/10/30
12602	CALGON H-2500	L	100	100	8.40	211.51	211.51	DRUM	450	BIOCIDE	WATER TREATMENT	CALGON	84/10/31
12902	CALGON 261-LV	L	40	40	9.05	135.00	337.50	DRUM	450		COATINGS	CALGON	85/04/18
12604	METASOL J-26	L	100	100	9.50	366.56	366.56	DRUM	450	BIOCIDE	WATER TREATMENT	CALGON	84/11/06
12601	CALGON L-675	L	100	100	8.32	132.20	132.20	DRUM	465	POLYMER	WATER TREATMENT	CALGON	84/10/31
12607	HYDRAID WT-7392	L	100	100	8.60	77.63	77.63	DRUM	450	POLYMER	WATER TREATMENT	CALGON	84/11/06
12159	CALGON T	S	100	100	10.00	98.56	98.56				COATINGS	CALGON	85/01/15
12603	CALGON CB-210	L	100	100	8.50	295.00	295.00	DRUM	250	BIOCIDE	WATER TREATMENT	CALGON	84/10/31
12926	NITROL 6ST	S	100	100	.00	149.00	149.00	DRUM	100	BACTERIA CONTROL	PREPASTE	CHARMAN CHEMICAL COMPANY	85/02/07
12984	OLINGIZE 753	S	90	90	13.33	19.25	21.39	BAGS	100	CORN STARCH	FM	CLINTON	85/10/22
12153	INTRAWITE PHA	L	100	100	9.10	68.13	68.13	DRUM		FLOURECENT WHITENER	DIAZO, COATINGS ETC.	CROMPTON & KNOWLES	85/04/18
12163	INTRALITE BLUE 2GL	S	100	100	.00	1260.00	1260.00	DRUM	270	DYE	FM	CROMPTON & KNOWLES	85/06/12
12968	COPY COAT	L	70	100	11.66	19.25	27.50			CHEM.MODIFIED CALC.CARB.	COLOR DEV.FOR NCR PAPER	CYPRUS	85/09/27
12178	STRIDEX PK-90	L	85	85	9.50	125.00	158.82	DRUM	490	WETTING AGENT	PRECOATS + COATINGS	DEXTER	84/10/31
12149	DIAMASTER DF-12295	L	100	100	7.60	95.14	95.14	DRUM	400	DEFOAMER	COATINGS	DIAMOND-SHAMROCK	84/10/30
12166	NOPCOTE C-104	L	50	50	10.90	68.35	128.78	DRUM	450	CALCIUM STEARATE	COATINGS	DIAMOND-SHAMROCK	84/11/06
12146	NOPCOSANT A	L	34	34	10.90	56.53	166.26	DRUM	550	DISPERSANT	COATINGS	DIAMOND-SHAMROCK	84/10/30

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ID-NO.	RAW MATERIAL	PHYS. FORM	% SOLIDS ACT.	% SOLIDS PUR.	DENS. LB/GAL.	COST, $/CWT WET	COST, $/CWT DRY	RECEIVED AS	PRODUCT TYPE	APPLICATIONS	SUPPLIER	DATE
12175	CHOLINE CHLORIDE	L	70	70	9.10	63.45	90.64	DRUM 500		COATINGS	DIAMOND-SHAMROCK	84/10/30
12147	NOPCOCIDE 121-B	S	100	100	.00	161.00	161.00	DRUM 1-200	MILDEWCIDE	COATINGS	DIAMOND-SHAMROCK	85/01/15
12173	FOAMASTER VF	L	100	100	7.00	99.34	99.34	DRUM 400	DEFOAMER	COATINGS	DIAMOND-SHAMROCK	84/10/30
12145	NOPCOCIDE 120	L	10	10	8.40	74.09	740.90	DRUM	MILDEWCIDE	COATINGS	DIAMOND-SHAMROCK	85/01/15
12141	AQUAQUEST 2120	L	43	43	10.70	57.00	132.56	DRUM 525	DISPERSANT	COATINGS	DIAMOND-SHAMROCK	85/01/15
12172	PRIMACOR 4983	L	25	100	8.22	47.27	189.09	DRUM 430	ADHESIVE	COATINGS	DOW	84/10/30
12194	LATEX DPP-722	L	48	100	8.70	45.70	95.20	DRUM 450	SYNTHETIC PIGMENT	COATINGS	DOW	84/10/31
12192	DOW LATEX 620	L	50	100	8.55	37.50	75.00	BULK	STYRENE-BUTADIENE	COATINGS	DOW	85/04/10
12139	GLYCERINE	L	100	100	10.51	90.30	90.30	DRUM 570	PLASTICIZER	COATINGS	DOW	84/11/06
12680	DREW 272	L	100	100	9.00	99.40	99.40	DRUM	BIOCIDE	WATER TREATMENT	DREW AMEROID INT'L	84/10/31
A mix of 1/2												
12685	DREW 250	L	100	100	8.60	283.40	283.40	DRUM	BIOCIDE	WATER TREATMENT	DREW AMEROID INT'L	84/10/31
12158	ELVANOL 7138	S	95	95	10.30	100.00	113.68	BAGS 50	POLYVINYL ALCOHOL	FILM FORMER IN HSC ETC.	DUPONT	85/10/22
12920	NALAN GN	L	30	30	8.50	97.00	323.33	DRUM	WATER REPELLANT	SATURATION	DUPONT	84/11/14
12112	ANSILEX	S	95	95	.00	21.77	22.92	BAGS 50	HIGH BRIGHT KAOLIN	PM - EXTENDER	ENGELHARD	85/08/12
12113	ULTRA COTE	S	95	95	21.50	10.81	11.38	BAGS 50	HIGH BRIGHT CLAY	HSC, COATING ETC.	ENGELHARD	84/10/31
12123	CAPELWHITE	S	100	100	22.50	8.39	8.39	BAGS 50	GROUNDED LIMESTONE	COATINGS	FLINTKOTE STONE PRODUCTS	84/10/31
12940	GEN-FLO 557	L	50	50	8.50	82.72	165.44	DRUM	STYRENE-BUTADIENE	COATINGS	GENERAL TIRE	85/01/15
12211	TITANIUM DIOXIDE	S	100	100	32.50	65.00	65.00	BAGS 50	OPAQUE RGH	COATINGS, PM	GLIDDEN	85/10/25
12935	DIETHYLENE GLYCOL	L	100	100	9.45	48.00	48.00	DRUM 530	PLASTICIZER	SATURATION	HAVILAND	85/02/18
12908	KYMENE 557-H	L	12	12	8.26	31.49	262.00	DRUM 500	WET STRENGTH -SOFTER HAND	SATURATED GRADES	HERCULES	85/10/22
12132	PARACOL 8034	L	50	50	8.00	24.75	49.50	DRUM 450	WAX EMULSION	SATURATION, PM	HERCULES	85/08/12
12164	CMC	S	95	95	13.33	13.60	14.32	BAGS 50	CARBOXY-METHYL-CELLULOSE	VISC.MODIFIER IN COATINGS	HERCULES	84/10/31
12116	AQUAPEL 368-XC	L	6	6	8.50	22.00	366.67	DRUM 440	EMULSION SIZING	PM	HERCULES	84/11/06
12953	HERCON 40	L	15	15	8.60	28.95	193.00	DRUM 440	REACTIVE SIZE-NEUTRAL	PAPER MACHINE	HERCULES	85/05/17
12171	CMC-7	S	95	95	13.33	183.06	193.53	BAGS 50	VISCOSITY MODIFIER (LOW)	VISC.MODIFIER IN COATINGS	HERCULES	84/10/30
Retain 304												
12962	AQUACUP YELLOW II	L	100	100	.00	535.00	535.00	DRUM	DYE	CHICOPEE	MILTON-DAVIS	85/10/22
12155	INTERLUB 4825	L	50	50	9.00	51.51	103.02	DRUM 450	ACID-BASE CLEANER	PM	INTERLUBE CORPORATION	85/10/22
12934	HYDRAPRINT	S	95	95	21.50	6.75	7.11	BAGS 50	DELAMINATED CLAY	COATINGS	J.M. HUBER	84/10/30
12963	HERCULES 831	L	100	100	8.00	66.00	66.00	DRUM	DEFOAMER	COATINGS	KALAMAZOO CHEMICALS	85/10/30
12931	BERCHEM CATALST JJ	L	46	46	11.30	48.00	104.35	DRUM	MODIFIED ZINC NITRATE	SATURATION	KALAMAZOO PAPER CHEMICALS	85/02/19
12927	KELGIN HV	S	95	95	13.33	376.00	395.79	DRUM 100	SODIUM ALGINATE	VISC.MODIFIER IN COATINGS	KELCO	85/03/04
12148	KELGIN OL	S	95	95	13.33	408.14	429.62	DRUM 100	SODIUM ALGINATE	VISC.MODIF. IN COATINGS	KELCO	84/10/31
12169	DF-1 DEFOAMER	L	100	100	9.00	102.57	102.57	DRUM 500	DEFOAMER	PM	KOCHEM INC.	85/10/22
12174	BACOTE 20	L	20	20	11.35	105.46	527.30	DRUM 530	BINDER INSOLUBILIZER	COATINGS	MAGNESIUM-ELECTRON	84/10/31
12917	MICHELUBE 162	L	25	25	8.30	60.50	242.00	DRUM	CARNAUBA MICRONIZ	COATINGS	MICHELMAN	84/10/31
12918	MICHELUBE 160	L	25	25	8.40	61.50	246.00	DRUM	#1 CARNAUBA	COATINGS	MICHELMAN	84/10/31
12961	MIDAY RED NS-23	L	100	100	.00	300.00	300.00	DRUM	DYE	CHICOPEE	MIDAY	85/10/16
12165	PONTAMINE GREEN ZS	S	100	100	.00	1102.70	1102.70	DRUM 220	DYE	PM	MOBEY CHEMICAL CORP.	85/05/30
12118	SCRIPTSET 720	L	25	100	12.41	45.00	180.00	DRUM 496	COPOLYMER SALT	SURFACE SIZING	MONSANTO	85/01/14
12952	SCRIPTSET 540	S	90	90	13.33	175.00	194.00	BAGS	POLYMERIC ESTER/LOW VISC.	SURFACE SIZING	MONSANTO	85/04/25
12151	TSPP	S	95	95	10.00	52.90	55.68	BAGS 100	TETRA-SOD.-POLY-PHOSPHATE	DISPERSANT IN COATINGS	MONSANTO	85/10/22
12914	SCRIPTSET 780	L	30	100	11.97	31.12	103.74	DRUM	COPOLYMER SALT	SURFACE SIZING	MONSANTO	85/03/04
12114	NALCO 688	S	100	100	.00	39.90	39.90	DRUM 300	SODIUM ALUMINATE	PM	NALCO	84/10/30
12983	RESYN 1872 (PROM)	L	63	63	9.60	54.25	86.11	DRUM	POLYVINYL ALCOHOL	COATINGS	NATIONAL STARCH	85/03/04
12188	CATOSIZE 16	S	90	90	13.33	45.75	50.83	BAGS 100	CATIONIC STARCH	DIAZO - INTERNAL SIZING	NATIONAL STARCH	85/10/22
Nalco 7121											Nalco	
8103												

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NATIONAL ACCOUNTING FOR STREAM IMPROVEMENT
SURVEY OF SETTLEABLE SOLIDS REMOVAL
EQUIPMENT AND WET SOLIDS HANDLING PRACTICES

Date 12-6-63

A. MILL DESCRIPTION

Name of Mill Allied Paper Co. (Monarch)

Mill Location Kalamazoo, Michigan

Capacity 48 tons/day average

Pulping Process None

B. CLARIFIER SIZE AND EQUIPMENT DATA

Diameter 90 ft. Center depth (water level to floor) 18' 11"

Sidewall water depth 12' 2¾" ft. Stilling well 9'6" ft x 12 ft

Skimmer provided? No Collection mechanism mfgr Dorr

Design torque on collecting mechanism 72,000

Sludge collection sump _____ annular X pocket

Sludge draw offlines 6 inches, number 2

Sludge pumping facilities:

Manufacturer Moyno Type Screw

Model _____ Rated flow 100 gpm

Actual flow _____ Variable speed X

Pumping cycle, continuous _____ intermittent X

Is clarifier used as thickener? Yes Has thickening been attempted in clarifier? _____ Were there problems? _____

Is overload or breakage of collecting mechanism common? No.

Is sludge line or sludge pump plugging common? No

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NATIONAL COUNCIL FOR STREAM IMPROVEMENT
SURVEY OF SETTLEABLE SOLIDS REMOVAL
EQUIPMENT AND WET SOLIDS HANDLING PRACTICES

Date 12-10-63

A. MILL DESCRIPTION

Name of Mill Allied Paper Co. (Bryant)

Mill Location Kalamazoo, Michigan

Capacity 180 tons

Pulping Process None

B. CLARIFIER SIZE AND EQUIPMENT DATA

Diameter 100 ft Center depth (water level to floor) 22' 2¼"

Sidewall water depth 12'3¾" ft. Stilling well 5'5" ft x 16 ft di

Skimmer provided? No Collection mechanism migr Dorr

Design torque on collecting mechanism at center 72,000 ft

Sludge collection sump _____ annular X pocket

Sludge draw offlines 8 inches, number 2

Sludge pumping facilities:

Manufacturer Moyno Type _____

Model CD 2L10H - CDQ 2L10 Rated flow each 15' hd 30-50 gpm

Actual flow _____ Variable speed yes

Pumping cycle, continuous _____ intermittent X

Is clarifier used as thickener? Yes Has thickening been attempted in clarifier? _____ Were there problems? _____

Is overload or breakage of collecting mechanism common? No

Is sludge line or sludge pump plugging common? No

Pulp supplier to Allied

PRINCE ALBERT PULP COMPANY LTD.

May 20, 1976

FILE: WRC:76:291

RECEIVED
MAY 24 1976
U.G. STOEFFLER

Mr. George Freas
Vice-President, Administration
Allied Paper Company
1608 Lake Street
KALAMAZOO, Michigan 49003
U. S. A.

Dear George,

As requested, I am forwarding the analysis of our pulp regarding Polychlorinated Biphenyls (PCB). As you can see the quantity is negligible.

May I now take this opportunity to thank Les Stoeffler, Bernie Rasmussen and yourself for the welcome given Craig and myself when we were in Kalamazoo. I hope to see you all again soon. Have a good summer.

Yours very truly,

PRINCE ALBERT PULP COMPANY LTD.

W Crane

W. R. Crane
Co-ordinator

cc: Mr. J. C. Armstrong
Prince Albert - St. Anne Sales Corp.
MONTREAL 101, Quebec

WRC/im
Encl.

V 7/24/76
Copy to
Rasmussen
Stoeffler

Box 3001, Prince Albert, Saskatchewan, Canada ■ Telephone 306/764-1521, Cable: PAPULP

SA 035937
SA00035937

THE INSTITUTE OF PAPER CHEMISTRY
Post Office Box 1048
Appleton, Wisconsin 54911
Phone 414/734 9251

April 9, 1976

Report to

PRINCE ALBERT PULP COMPANY LTD.
Prince Albert, Saskatchewan

(Sample received on March 3, 1976)

POLYCHLORINATED BIPHENYL ANALYSIS

INSTITUTE FILE NO.:	76-71020
CODE NO.:	Prince Albert Pulp Sample
Polychlorinated biphenyl, ppm	
Interpreted as Aroclor 1242	Less than 0.1[a]

Note: The above value represents a single determination.

Basis of report: As received.
Method: Gas chromatography using electron-capture detector.

[a]A trace of PCB might be present, but the amount would be too small to report with assurance.

Ontario Research Foundation

SHERIDAN PARK, ONTARIO, CANADA

(416) 822-4111
279-9771

March 14, 1972.

Crestbrook Pulp & Paper Ltd.,
P.O. Box 1000,
Skookumchuck, B.C.,
Canada.

Attention: Mr. John P. Morgan

Dear Mr. Morgan:

Your letter of February 18, 1972 addressed to Dr. L. Reynolds has been passed on to me.

This report covers the polychlorobiphenyl (PCB) analysis of the pulp sample which you submitted to ORF (received 29/2/72).

Crestbrook Sample #	ORF Lab #	PCB (ppm)
1	G76	<0.1

Dr. Reynolds informs me that the mercury results should be available in the near future.

Our invoice for $35.00 to cover the PCB analysis is enclosed.

Yours truly,

G.H.S. Thomas.
Senior Research Scientist.

GHST:am
Encl.

THIS REPORT RELATES ONLY TO THE PARTICULAR INSTRUMENT, MATERIAL, OR OTHER SUBJECT REFERRED TO IN IT. NO REPRESENTATION IS MADE THAT SIMILAR ARTICLES WILL BE OF LIKE QUALITY. WITHOUT THE PRIOR WRITTEN CONSENT OF THE ONTARIO RESEARCH FOUNDATION, NO PUBLICATION IN WHOLE OR IN PART OF THE TEXT OR SUBSTANCE OF THIS REPORT SHALL BE MADE, NOR SHALL THE NAME OF THE ONTARIO RESEARCH FOUNDATION BE USED IN ANY WAY IN CONNECTION WITH THE SALE, OFFERING OR ADVERTISING OF ANY ARTICLE OR PRODUCT. ANY TESTING, INSPECTION OR INVESTIGATION OF THE INSTRUMENTS, MATERIALS OR OTHER SUBJECTS PERFORMED BY ONTARIO RESEARCH FOUNDATION WILL BE CONDUCTED IN ACCORDANCE WITH THE BEST TECHNICAL STANDARDS BY THE ONTARIO RESEARCH FOUNDATION BUT NEITHER IT NOR ITS EMPLOYEES SHALL BE RESPONSIBLE FOR ANY LOSS OR DAMAGE RESULTING DIRECTLY OR INDIRECTLY FROM ANY DEFAULT, ERROR OR OMISSION.

Pulp supplier to Allied

Crestbrook Pulp and Paper Ltd.
P.O. Box 1000 Skookumchuck,
[redacted] B.C., Canada
(604) 422-3261

May 17th, 1976

RECEIVED
MAY 24 1976
U. G. STOEFFLER

Mr. U. G. Stoeffler
Process Development Manager
Allied Paper Inc.
2030 Portage Street
Kalamazoo, Michigan, U. S. A.
49001

Dear Mr. Stoeffler:

Thank you for the time you spent with Bill Weidenfiller and myself on our mill visit.

As you requested, I am enclosing reports from the Ontario Research Foundation who did PCB and mercury analyses on a sample of our pulp a few years ago. Nothing has changed in our raw material supply so the results should still be valid.

The lower detection limit of the techniques they used were 0.01 ppm on mercury and 0.1 ppm on PCB. Therefore <0.01 and <0.1 ppm mean that they were not able to detect either of these compounds in our pulp.

I trust this is the information that you requested.

Yours very truly,

CRESTBROOK PULP AND PAPER LTD.

Tom Haner

T. M. HANER,
Technical Superintendent

TMH/jb

cc: W. Weidenfeller - Gottesman and Company
K. Hall - Crestbrook Pulp and Paper

ENGINEERING REPORT

REPORT ON WASTE DISPOSAL
AT ALLIED PAPER COMPANY
BRYANT DIVISION
KALAMAZOO, MICHIGAN

Right exhibit #2
4-25-92

KA04500003

SA 033541

Report on Waste Disposal at
Allied Paper Company
Kalamazoo, Michigan

Introduction

At the request of Dr. Ward Harrison, President of Allied Paper Company, National Council engineers conducted a survey of water usage and waste disposal at Kalamazoo, Michigan.

The objectives of the program were the following:

1. To determine the source and intensity of the water pollutional loads as discharged from the present operation.

2. To determine the performance of the existing waste disposal facilities.

3. To indicate ways and means of reducing waste loads and increasing water use efficiency.

4. To make recommendations concerning a program for additional pollution abatement to coincide with requirements of the Michigan Water Resources Commission.

This report is intended to summarize the results of the survey. In view of the magnitude and complexity of the problem, the report is presented in two sections. Parts 1 and 2 will cover the results of the survey at the Bryant and King Division, respectively.

Part 1 Bryant Division

Description of Mill Processes

The Bryant Divison produces approximately 200 tons per day of specialty papers on five Fourdrinier machines. Furnish

Report on Waste Disposal at
Allied Paper Company
Kalamazoo, Michigan

Part II King Division

Description of Mill Processes

The King Division produces approximately 200 tons per day of specialty papers on four Fourdrinier machines. Furnish for the operation consist of 170-180 tons of pulp prepared at the mill by an alkaline cook of waste papers consisting of magazines, books, and ledger. Twenty to thirty tons of purchased unbleached sulphite pulp is also re-pulped and blended with the reclaimed pulp. The digester liquor is recycled for heat recovery and dilution in the centrifliers and Johnson screens from whence it is discharged to the sewer.

All paper machines are equipped with Bird Screens and Sveen-Pederson saveall devices. All Machine shower and Bird Screen shower waters pass through the saveall devices. Saveall effluents are discharged to storage tanks for re-use except when colored papers are being produced. White Water tank overflows and colored waters are discharged through sewers directly to a primary treatment facility and thence to Kalamazoo River, the receiving stream.

Survey Procedures

To accomplish the objectives previously cited in Part I, a three day survey was conducted. The survey consisted of collecting 8-hr. composite samples at major mill waste streams. In addition to these samples, grab samples were collected at individual waste sources throughout the mill. Location of all sampling points are presented in Figure 1. All samples were analyzed for BOD, and

EASTERN ENGINEERING COMPANY
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ATLANTA, GEORGIA 30301
CABLE ADDRESS
EECO

RECEIVED
JUL 15 1964
WATER RESOURCES
COMMISSION

70 FAIRLIE ST., N. W.
TEL. 524-4712
TWX. 527-1116
AREA CODE 404

July 13, 1964

Water Resources Commission
State of Michigan
Lansing, Michigan

RE: Allied Paper Corporation
Jackson, Alabama
EECO Job No. 63/127

Gentlemen:

We have been advised by Allied Paper Corporation at Kalamazoo, Michigan that they will be restricted by June 1, 1966 to a certain waste flow into the Kalamazoo River.

This letter is to inform you that the Industrial Development Board of the City of Jackson, Alabama is presently building a Kraft Pulp Mill with bleaching facilities to produce high brightness pulps from either pine or hardwood. The pulps produced by this plant will be suitable for use in the Kalamazoo plant of Allied Paper, and the production of the facility will exceed 105,000 tons per year. This new plant will begin operation in late August or early September of this year.

Eastern Engineering Company has designed this mill in its entirety, acted as consultant for the purchase of production equipment and are supervising actual construction.

Allied Paper Corporation has leased this facility for a period of twenty (20) years with an option to renew the lease for an additional twenty (20) years. Under this lease Allied has full control of the operation of the entire plant and the disposition of the pulp produced.

Eastern is not aware of the exact restrictions referred to above, but want to certify that the new facility may replace pulps presently produced in the Kalamazoo plants by de-inking waste papers. This is important since the biggest source of objectionable waste from Allied into the Kalamazoo River is from this source.

9000259

KA05500257

Purdy
EXHIBIT NO. 49
M. LANTIS 10/25/92

Eastern Engineering Company
Atlanta, Georgia

Job No. 63/127

If you have any questions regarding the contents of this letter kindly advise me and I will supply any additional information you require.

To better acquaint you with Eastern Engineering Company I am enclosing a brochure of the company which lists personnel and projects.

Very truly yours,

EASTERN ENGINEERING COMPANY

W. F. Hughes

W. F. Hughes

WFH:je

Enclosure

cc: Dr. Ward D. Harrison
Mr. J. D. Dailey

WATER RESOURCES COMMISSION
Memorandum

To: Files

Subject: Allied Paper Co., Kalamazoo

From: L. F. Oeming

Date: September 13, 1965

A telephone call from Dr. Levy on September 2, informed us of developments on the Company's waste controls as follows:

1. King Mill: Deinking operations were eliminated during June 1965, 100% virgin fiber from the Company's pulp mill in Alabama is now being used.

2. Bryant Division: Operations have been modified so as to use less deinked stock and more virgin fiber. Deinking is still being done but with less of the type of waste paper (magazines) that produce the stronger wastes.

3. Monarch Division: No deinking is being done - pulp used is 100%virgin fiber.

Dr. Levy feels that the Company's discharges have been meeting the load requirements on B.O.D. for several months. His opinion is based on regular tests of the effluents being performed periodically. He responded to my inquiry about our making a performance survey by saying that he would prefer postponing this w until some additional water conservation and waste saving programs had gone into effect and had become stabilized.

LFO:S

0002727

No. 168
11-9-92
K. SCHULTZ

KA04900398

Klimczak
EXHIBIT NO. 26
1.12.93
SHERYL BUSSINGER

Recycling: Both sides of the fence

Allied's president reviews the background and prospects, discusses the economics, urges constructive planning.

by Ernest J. Klimczak, president, Allied Paper Inc.

A number of banks, insurance companies and other ecology-minded organizations have recently published issues of newsletters or annual reports on what they call "recycled paper". Those of us in the business of manufacturing and selling printing grades of paper made in whole or in part from secondary fibers have, for the most part, responded with wry smiles. The practice smacks more of tokenism and of gimmickry than of a sincere effort to shed light on a complicated economic and environmental question. Nor do they really contribute to the improvement of our ecology by committing to long term leases of waste which would otherwise end up in the dump.

The Chase Manhattan Bank came close to candor in a recent issue of its newsletter *Action Report* when it pointed out that: "There are drawbacks to using this paper — both in the printing processes and in its looks." This is true to an extent but puts the emphasis in the wrong place. After a great many years of experience in the waste paper deinking business for use in printing grades, we and others make 100 per cent secondary fiber paper which looks good and prints well but it costs more to make. If there is a "drawback" to wider use of secondary fiber, it is in the economics, not in its appearance or quality.

at is Recycled Paper?

To begin with, we ought to decide what "recycled paper," to use the popular term, really is. To some it includes side rolls, mill broke, in-mill processing and converting waste, rejected unused stock — everything, in fact, except waste paper. Others consider recycled paper to be produced from reused waste reclaimed from factories, stores, offices, printing plant rejects, old magazines, and paper reclaimed from collected municipal or similar waste. As usual, the best definition, and one which will serve to increase the use of solid paper waste not normally utilized, is somewhere in between. Clean broke trimmings, side rolls, etc., have been salvaged and repulped for years because it has been economically sound to do so. To Allied and a few others with the technology and capacity in place, recycled paper means paper made from deinked or processed waste paper, requiring chemical treatment before being introduced into the paper machine system.

We would be the last to say that a deinking capacity of 150 tons a day is something we planned for years in order to be in the right position when ecolomania swept the country. We have used deinked waste paper for raw material for two reasons. At one time, it was the best way we could integrate our operations with an economical pulp source. This is no longer true today, as evidenced by the fact that we reduced our deinked pulp production from 400 tons per day to less than 150 tons per day. Today we use a good deal of virgin pulp from our Jackson, Alabama mill, but we also use some secondary fiber because, for certain book paper uses, it happens to be better than virgin fiber.

On the other hand, it would be more than any self-respecting marketing man could resist not to attempt to make a silk purse out of what for so long was a sow's ear. Where we once did not stress the fact that anywhere from 0 to 100 per cent

KA0510622

Deink process more expensive than repulping virgin

Cost of deinking has gone up - bales are no longer pre-sorted

of the fibers used in our paper was reclaimed from waste paper, depending on the grade, we now go to some length to point this out. We have introduced a grade called "Ecology Book" which contains 100 per cent recycled fibers. We have received a great deal of attention and a great number of inquiries from our customers on this particular grade, but not much in the way of orders.

Gates Paper Co., SCM-Allied's marketing arm for general business papers, offers cut sizes for office use in bond, mimeo, and duplicator grades under the RECO trade name. The RECO grades have a minimum of 25 per cent secondary fiber content. They have also stimulated a lot of inquiries, but not much in the way of orders.

All told, we have reason to think that SCM-Allied is the second largest producer of book and business papers made in whole or in part from recycled fibers in the U.S. We have never bothered to check this statement because, frankly, until the economics of recycling changes so that it becomes more economic to use recycled fiber than virgin fiber, we don't care if we're first, second, or dead last.

Economics of Recycling

The source of supply of secondary fiber is, essentially, solid waste generated by and collected from printers, binders and office buildings. Few of these sources are located near sources of virgin pulp, for obvious reasons. Pulp mills are located as close to the timber supply as feasible, and paper mills are located next to the slush pulp. Since waste paper, in addition to being expensive to collect and/or to buy, has a low value per pound, it's uneconomic to ship it to where the newest and most modern pulping operations are located. Furthermore, most of those operations don't have deinking facilities because, at least until now, they haven't needed them.

Obtaining good quality waste paper, of course, is not as easy as the general public might expect. Dealers no longer sort the papers as they did years ago. Separating coated from uncoated papers, and eliminating binding glues and plastics and "pernicious contraries" (as the British call them) is expensive but vital to the deinking process.

Even assuming there is a source of pre-sorted, high-quality paper waste, the manufacturing process including the cost of the delivered waste, is more expensive than producing the same product from virgin fibers. At SCM-Allied, for example, it is less expensive to manufacture and ship virgin pulp from Jackson, Alabama, to Kalamazoo than it is to manufacture the same amount of pulp in the Kalamazoo deinking plant.

virgin pulp less exp. vis-a-vis deink

Customer Reaction

Since the raw material itself is more expensive (particularly at today's prices) and the processing is more expensive because of the deinking step, it follows that the resulting product must be more expensive to the customer. Thus, the higher the percentage of recycled fibers, all other things being equal, the more expensive the finished product. At the same time, that product is not inherently better than its less expensive competitor made from virgin fibers. No matter how advanced the deinking process may be, there is an inevitable loss of brightness in the finished product.

However, limpness (due to the shorter length of recycled fibers) is beneficial for certain book papers, as is opacity, stability and uniformity of printing surfaces, and these are inherent attributes of recycled

more exp + less bright

paper. It is these particular properties which in fact serve as the economic justification to the extent that paper with recycled pulp is used today.

Impact of Ecolomania

It is one thing for government agencies and an aroused citizenry to clamor for protecting the environment. It is apparently quite another to put one's money where one's mouth is. The cost of the product is a very real deterrent to the customer.

This is probably complicated in the present case by the psychological feeling that something used over again must cost less than the same product which is "brand new." This is a difficult marketing problem. Our customers for recycled papers are primarily book printers, book manufacturers and book publishers, where they specify the paper to be used to obtain its particular properties. A secondary group includes office suppliers, large corporations such as banks and insurance companies, school districts, stationery and envelope manufacturers and certain types of paper converters. Each of this secondary group presents a different reason for preferring, right now, at least, paper made from recycled fibers. But, it all boils down to economic benefit in the end, even when the benefit is identified in terms of "image building," public relations and similar subjective factors.

The fact remains that the continuing and growing concern with protecting the environment is a marketing and manufacturing consideration of unparalleled importance to everyone in the paper industry. It's clear that all of us will be wrestling with that problem for the rest of our working lifetimes, whether we're in the secondary fibers business or not. The Chairman of the Securities and Exchange Commission, just to dispel any lingering doubts about the matter, has stated that environmental considerations will from now on have to be disclosed in prospectuses for issuing new securities. If existing laws and regulations will require a company to spend money on pollution control, or if a company has litigation pending in the environmental area, that must be disclosed in the prospectus if there is a significant potential impact on the company issuing the securities covered by the prospectus. Nothing could more dramatically show the fundamental nature of the environment problem to business.

The great current interest in recycling is both a part of this over-all interest in environment, and an entirely separate marketing phenomenon. The real question people in the business have to face is whether — or how soon — all the hullaballoo will change the basic economics of recycling? In the short run, my personal opinion is that few customers are going to be inclined to specify the use of recycled fibers in the products they buy for more than short-term reasons so long as the price of those products remains above equivalent to products made with virgin fibers. That will not change until the cost of virgin pulp is significantly greater than deinked pulp made from waste paper.

There are two things that might bring this about in a free economy. Pulp demand may increase to a point where non-integrated paper companies must pay higher prices for pulp and therefore, change to waste paper as pulp source. Or, supply will dwindle either because we start running out of trees or because pulping capacity is not added as fast as demand for pulp rises.

In an "unfree" economy, local, state and national governments may direct that a portion of all paper manufactured contain a predetermined amount of recycled fibers. This is the approach that GSA is taking in certain papers purchased by the Federal government under the policy of the President. But even this program has been watered and in large part gravitates to tokenism. The recent definition issued by the GSA includes waste generated in paper mills on "subsequent cutting, coating and converting operations." It also includes "finished paper from obsolete inventories" and "rejected unused stock," all of which have historically been reused in the papermaking process. This in no way contributes to elimination of waste nor does it increase the reuse of waste not already utilized.

In the current political environment, it is by no means beyond the realm of reason that the government will issue directives on recycled fiber content which will affect all paper produced in the country. But such directives might reasonably be expected to emphasize increased use of waste and not be mere tokenism. All industry people will be able to do, regardless of what approach the Federal government takes in this aspect of the environmental protection crusade, is demand that whatever regulations are issued are administered in such a way as not to work an injustice on particular segments of the industry. Whatever the government does or doesn't do, there will be a number of companies, like SCM Allied, which will continue to deink and recycle waste paper for reasons having to do with the demands of their customers for particular types of products.

It is not our intention to question the sincerity of the new-found customer for recycled paper. Nor do we challenge the motives of the Federal agencies in the difficult job of interpreting the specifications to accomplish the objective of ecological improvement. Rather it is our desire as a member of the paper industry, working on "both sides of the fence" to urge constructive and creative planning followed by appropriate action which recognizes the economic realities of the problem. Economics and not ecolomania will ultimately prevail.

KA05100624

1

2 SUPERIOR COURT OF NEW JERSEY

3 LAW DIVISION: UNION COUNTY

4

H. M. HOLDINGS, INC.,
5 THE GLIDDEN COMPANY &
SMITH CORONA CORPORATION,

6

7

8 Plaintiffs,

9

10 vs. Docket No:
UNN L 8573-89
11 VOLUME II
LUMBERMENS MUTUAL CASUALTY
12 COMPANY, et al,

13

14

15

16

17 Defendants.

18 _____/

19

20 The continued deposition of ERNEST JACK GILMAN

21 taken Patricia G. Moretti, CSR-0930, Certified

22 Shorthand Reporter and Notary Public, at

23 Gerger-Moretti Reporting, 520 Comerica Building,

24 Kalamazoo Michigan on the 19th day of January, 1993

25 commencing at or about 9:00 a.m. pursuant to notice.

1

2 APPEARANCES

3

4 FOR THE PLAINTIFFS:

5

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6 MR. JEFFREY LENSER
Howrey & Simon
7 1730 Pennsylvania Avenue, N.W.
Washington, D.C. 20006-4793
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9 FOR DEFENDANTS LUMBERMENS MUTUAL
CASUALTY CO. And AMERICAN MOTORISTS
10 INSURANCE COMPANY:

11

MS. JUDITH FOURNIE HELMS
12 Tressler, Soderstrom,
Maloney & Priess
13 200 W. Adams Street
Suite 3000
14 Chicago, Illinois 60606

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FOR DEFENDANT CONTINENTAL CASUALTY CO:
16

17 MR. EDWARD DELESKY
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19

20

21

FOR DEFENDANT EMPLOYERS INSURANCE
22 OF WAUSAU:

23 MS. CATHERINE COLINVAUX
Zelle & Larson
24 95 Sawyer Road, Suite 500
Waltham, Massachusetts 02154
25

1 A I'm not sure but I suspect that it was. Of course, I
2 had nothing to do with the Bryant in 1939.
3 Q Right, but not until Allied took over the Bryant Mill
4 would you have had direct knowledge?
5 A That's correct.
6 Q And at that time de-inking was going on?
7 A Right.
8 Q Now, can you tell us when it was that the Monarch Mill
9 ceased de-inking operations?
10 A I can't tell you when, I can tell you about the
11 circumstances.
12 Q But you don't recall the year right now?
13 A No, I do not.
14 Q And with regard to the King Mill, do you know when it
15 was that de-inking was terminated?
16 A No.
17 Q And with regard to Bryant, do you have a recollection?
18 A Not the date.
19 Q You said with regard to Monarch you could tell us the
20 circumstances by which you decided or Allied decided
21 not to continue de-inking. Could you do that, please?
22 A As I recall it, the Monarch Mill was shut down
23 completely for a time, just decided it was not an
24 economical unit. During the time it was down, the
25 president of the company, Ward Harrison, came up with

1 the idea of making carbon tissue at the Monarch Mill
2 on both machines using a furnish of 100 percent soft
3 wood craft fiber, virgin fiber. Allied, sometime
4 prior to this, had purchased a business forms division
5 or a business forms company, later on to become a
6 division of Allied, it was called the Egry --
7 E-g-r-y, Egry Business Forms Company and after it was
8 known as Allied/Egry, located -- headquartered in Ohio
9 but they had a number of plants around the country.
10 And they were makers of multi-part business forms. So
11 the idea was that we would first make the carbon
12 tissue in Kalamazoo and they would actually put the
13 carbon coating on it.
14 Later on it developed that we also put the
15 carbon coating on it in Kalamazoo. But this carbon
16 tissue was a very, very lightweight paper and it could
17 not tolerate any de-inked fiber which was not strong
18 enough. So when it was started up there was no more
19 de-inking.
20 Q So at that point when the mill was started up, again
21 the only kind of paper being made was paper that would
22 not tolerate de-inked pulp?
23 A Correct.
24 Q And after that you never resumed de-inking at Monarch?
25 A Correct.

1 Q Was there no market for de-ink stock that could be
2 sold to others or used by the King or Monarch -- or
3 King or Bryant Mill?
4 A I think their own systems were adequate, wouldn't have
5 made any point in doing it.
6 Q All right. I would like you to look then for a moment
7 at the exhibit --
8 A There was a trend going on all during this time of
9 using less and less de-inked pulp in all the mills.
10 So that rather than their needing more pulp when the
11 Monarch went down, the fact is they probably weren't
12 using their own capacity completely.
13 Q What was the reason for that trend to use less
14 de-inked pulp?
15 A Well, some of the grades that Allied made in the other
16 mills wouldn't tolerate it. We got more and more into
17 bible papers, very, very lightweight paper, again we
18 couldn't use any de-inked pulp in it. And I think we
19 were looking for grades like that because we were
20 having so much trouble with our customers with the
21 grades that did have de-inked pulp in it, particularly
22 with the bits of non-dispersed pressure sensitive
23 adhesive, a web of paper say 69 inches wide, like we
24 were making for Encyclopedia Brittanica, would break
25 down on a printing press from one little spot about

1 the size of a head of a pin, not the point but the
2 head, of this very tacky, very sticky material because
3 as the roll was unwinding on the press it would tear.
4 So we were being bombarded with complaints from our
5 customers.
6 Q Was another reason that over time you, Allied tended
7 to want less de-ink stock that the de-ink waste was
8 more of a problem for compliance with --
9 A Definitely.
10 Q -- environmental issues?
11 A Definitely.
12 Q If you would look at the document now, sir, it appears
13 to be an internal Allied memo of February 19, 1964
14 that you were copied in on, is that right, sir?
15 A Yes.
16 Q And it's a study of the de-ink pulp mill waste and
17 their composition in relation to total mill effluent.
18 If would you turn to the first page of text of the
19 report, the object of the study was basically to find
20 ways to reduce the treatment cost by evaluating the
21 impact of the de-ink waste?
22 A Correct.
23 Q Now, if you would focus your attention on the center
24 of that page under the heading conclusions. It's
25 noted that the de-inking waste at King accounts for 49

1 IN RE: ENVIRONMENTAL DECLARATORY JUDGMENT ACTIONS

2 DOCKET NO. UNN L 8573-89

3

4 H.M. HOLDINGS, INC.,) SUPERIOR COURT OF NEW JERSEY
THE GLIDDEN COMPANY & SMITH) LAW DIVISION: UNION COUNTY
5 CORONA CORPORATION,) DOCKET NO. L-96187-87
)
6 Plaintiffs,) Civil Action
)
7 vs.

8 LUMBERMENS MUTUAL CASUALTY
COMPANY, et al,
9
Defendants.
10 _____/

11

12

13 The deposition of GEORGE GERARD, taken before

14 Karyn S. Schultz, CSR-4269, Certified Shorthand Reporter

15 and Notary Public, at 520 Comerica Building, Kalamazoo,

16 Michigan on the 22nd day of July, 1992, commencing at or

17 about 9:05 a.m., pursuant to notice.

18

19

20

21

22

23

24

25

1 FOR THE PLAINTIFF:

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1

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4

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EXHIBITS

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1 Q Do you know who manufactured those?
2 A I'm trying to think of a name. It was an R and S
3 that supplied a lot of retention aids for us.
4 Q R and S was the name of the company?
5 A Yes.
6 Q Was that a supplier or do you know if that was a
7 manufacturer?
8 A Well, they were -- they were like a family-owned --
9 where they received their material from, I don't
10 know.
11 Q I see. Where were they located, in Kalamazoo?
12 A Yes.
13 Q Do you know if they are still around?
14 A Yes, their names is Redman.
15 Q I'm sorry?
16 A Their names that handled the chemical we were using
17 for a retention aid is Walt and Ed Redman.
18 Q Okay. Was there chlorine in the white water?
19 A There was a certain amount of chlorine. It was
20 probably in the water, yes.
21 Q How did the chlorine get into the water, if you know?
22 A Well, back -- at the time mill A, chlorine was used
23 as part of their process.
24 Q So the chlorine that was in the white water was
25 residue chlorine from the stock, is that what you are

1 saying?
2 A Yes.
3 Q Would it have been pipe fitters that would have
4 replaced any broken transite pipe around the mill?
5 A Yes.
6 Q Okay. The testing that you say you had observed, I
7 believe, when you visited mill A from time to time,
8 who was actually doing that testing? I don't think
9 you told us before; if you did, I apologize.
10 A I didn't give any specific names because I couldn't
11 remember the names of the people because see they
12 worked in a three-shift operation and they switched
13 and --
14 Q And the same would be true that you don't recall any
15 of the individuals that you spoke with at mill A on
16 those occasions when you visited there?
17 A Well, I know that Roy Dietz was a person that worked
18 in mill A as a foreman.
19 Q And do you recall whether you had conversations with
20 Mr. Dietz about the matters that had taken you up to
21 mill A? In other words, did you talk to Mr. Dietz on
22 those occasions when you went to mill A?
23 A I generally talked to whoever was the foreman over
24 there on the quality of their -- of their de-inking
25 stock.

1 Q The paper that was being manufactured for Wrigley
2 Gum, what paper was that used for specifically? Was
3 that actually gum wrapper?
4 A Yes.
5 Q Was that the type of wrapper that was paper on one
6 side and tin foil on the other?
7 A Not to my knowledge. I thought it was the outer
8 wrap.
9 Q The outer wrap, not the wrap around the gum itself.
10 But -- if it was Wrigley's spearmint gum, it would be
11 green wrapper?
12 A Yes.
13 Q I think you had said at that same point in time when
14 you were talking about the Wrigley Gum and the Camel
15 cigarette account, that there may have been other
16 accounts that were lost in that same period of time,
17 is that true?
18 A When we manufactured certain orders that we used the
19 de-inking stock, it was the cheaper grades of paper
20 that we were making and that was -- that was the two
21 that I could only remember that we actually lost.
22 There could have been others.
23 Q But the ones that were being lost were all de-inking
24 stock orders. They were the majority of the
25 de-inking stock?

1 A Yes.
2 Q Do you know whether or not all those orders that were
3 being lost involved paper products that were being
4 used with regard to food or consumable items, if you
5 understand what I'm asking?
6 A I don't know -- I really don't know.
7 Q I guess the two that you had mentioned was the
8 cigarette and the gum accounts. I'm wondering if in
9 saying that, does that refresh your recollection that
10 there were other foods or consumable accounts that
11 were involved?
12 A I don't know of us making any other stuff that went
13 with -- for food.
14 Q Okay. The paper that was being manufactured for
15 Camel cigarettes, was that also a wrapper?
16 A It was the package itself.
17 Q Okay.
18 The gray water tank that you had referred
19 to a little while ago as being part of the pathway of
20 the waste water at mill C, and I believe you said
21 mill D, also?
22 A Yes.
23 Q Was that gray tank located before or after the pump
24 house?
25 A After the pump house.

1 Q So the pathway of the waste water would be from the
2 sewers to the pump house to the gray tank, and then
3 from the gray tank to the clarifiers?
4 A Yes.
5 Q And do you know how it got from the gray tank to the
6 clarifier? Was that also by pump or gravity?
7 A Pump.
8 Q How large was that gray tank, if you know?
9 A It was a large tank, but they never did keep the
10 level up in it. They kept the level about halfway on
11 it.
12 Q When you say large, though --
13 A I'm talking 20 foot in diameter.
14 Q Was it circular?
15 A Yes.
16 Q About how deep?
17 A The tank was probably 30 foot high and the level was
18 kept down in the 20 foot area.
19 Q Now, is this tank located outside?
20 A Yes.
21 Q Is it located in a building outside?
22 A No.
23 Q That gray tank was there at all times that you
24 recall?
25 A That I recall, yes.

Pulp Bales

August 1980

Date	491 Weyerhauser	503 A S W	432 Western	525 Crestbrook	485 Celgar	513 Pontiac	454 Marathon	478 Caribou	518 Superior	5[illegible] S West HW	361 Eddy
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21											
22											
23											
		51			38				119		[illegible]
	561	234	226	115	356	73	85	256	47[illegible]	11[illegible]	[illegible]

SA 065774

Trials August 1980
#10

Date	491 Weyerhauser		Teta	Size	Ansilus	Alum	Brake
7.28	7365		900	75	450	196	800
29		10-1087	7710#				
30							
31							
81							
2							
	7365		900	75	450	196	800
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
18							
19							
20							
21							
22							
23							
	7365		900	75	450	196	800

SA 065775

Trials

August 1980
#11

Brake	Date	Size	Anselex	alum	Brake
00	7 28				
	29				
	30				
	31				
	8 1				
	2				
	4				
	5				
	6				
	7				
	8				
	9				
	10				
	11				
	12				
	13				
	14				
	15				
	16				
	18				
	19				
	20				
	21				
	22				
	23				

SA 065776

Bleached Pulps #10 August 1980

Date	AHW	503 A&W	491 Weyerhauser	45[illegible] Western Be	1178 Caribou	525 Crestbrook	454 Marathon	518 Superior	485 Calgon	537 West HW	Broke	Tons Sent 8 Mp	Ed
728		1509	24059	5616							5600		
29			9820	6912	21032						[illegible]		
30				6048	[illegible]						[illegible]		
31				6048	[illegible]						5600		
81				5616	24856						[illegible]		
2													
		1509	33879	[illegible]	97454						[illegible]		
4				7776		21525	8172	6734			1600		
5				7344	15296		7718	3108	6305		6500		
6				6048	7648		6356	6216	6790		5600		
7				6912			7264	16576	7760		6400		
8		14084	5892	2592			1362	4144	8245	5907	6500		
9		17102	8347						8245	9129	6800		
10		16076	7856						7760	8592	[illegible]		
		[illegible]	22095	[illegible]	[illegible]9444	21525	[illegible]	36778	45105	25628	[illegible]		
11		14074	6874						6790	7518	[illegible]		
12		14730	9054						7760	[illegible]	6800		36
13		3018	25532						2910		6000		[illegible]
14		10060	19640						9700		8400		[illegible]
15		7042	13748						6790		5600		50
16													
		[illegible]	7454						33950	10741	[illegible]		
18		6539							6305		[illegible]		[illegible]
19		7545							7275		[illegible]		[illegible]
20		5030							4850		[illegible]		[illegible]
21													
22													
23													
		[illegible]							18430		[illegible]		
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	97485	[illegible]	[illegible]		

SA 065777

Neuphor
Size
8 # per gal

85#
40"
70 -

Brake	361 Eddy	557 Grand Prairie	Beta Cata	Dry Sta Cal	Dry Sta Lac 130	Mugco yellow	Cabolite	Alpha Size	Calc Carb	Sod Bicarb	Analy Ita		Size	Clay	ultra Cata	Alum	Alpha tex	#10 Starch
5600											2100	300	325	4600		850		
400											1800	150	400		6250	1010		—
5400											2100	700	350	2650	[illegible]	710		[illegible]
7600											2100	700	350		4900	700		[illegible]
4800											2050	850	325	4250		850		[illegible]
7000											10150	3200	1750	11500	13500	4541		1100
7600											3950	1800	450	4600		1177		—
6800											2700	850	425		6450	1145		3100
5600											2100	700	350	5600		916		400
6400											2400	900	400	6150		1046		2200
6800													425	7650		1112		3300
6800													425	7650		1112		4800
6000													400	7200		1046		2000
46000											11150	4250	2875	38850	6450	7554		15500
5600											2400	700	350	3100		916		1000
6800	3610										2500	800	400	5400		1046		2400
6000	5776										4900	1800	400	2100		1046		—
8400	7220										4000	1000	500	7000		1305		3600
5600	5054										2800	700	350	4900		916		—
24400	21660										16600	5000	2000	22500		5225		700
7600	4693	14534									1950	650	325	4550		850		
4000	5415	16770									2850	750	375	5250		981		-
3600	3610	11180									1500	500	250	3500		654		1800
[illegible]	12718	4[illegible]484									6300	1900	950	13300		2482		
116000	35272	4[illegible]434									44200	14250	7575	86150	19750	17[illegible]		31

SA 865778

Date	a HW Bl	a SW Bl	525 Crestbrook	485 Calgary	513 Pontiac	454 Marathon	432 Western	518 Superior	491 Weyerhauser	West HW	Brooke	Eddy
7-28			8925	16975	11799	7718					8500	
29			6300	14550	7182						[illegible]	
30			7575	14550	7695						[illegible]	
31			7350	13580	7182						[illegible]	
8-1			5250	9700	3591		1296				[illegible]	
2												
			35700	69355	37449	7718	1296				[illegible]	
4			3150	5820			7344	17094			5100	
5							6480	23310			4500	
6							7344	26418			5100	
7							5616	20200			4200	
8							6912	18648	5892		4800	
9							3888		17676	1611	3600	
10									17676	6444	3900	
			3150	5820			31584	105670	41244	[illegible]	[illegible]	
11									23568	8595	[illegible]	
12									26514	9666	7200	
13									27987		7600	6959
14								13986	14730		7600	6959
15								27972			7600	[illegible]
16												
								41958	92799	[illegible]	[illegible]	[illegible]
18								26418			[illegible]	[illegible]
19								31080			[illegible]	[illegible]
20		6539						16576			5600	[illegible]
21												
22												
23												
		[illegible]						74[illegible]14			[illegible]	
		[illegible]	[illegible]	75175	[illegible]	7718	[illegible]	[illegible]	134[illegible]		[illegible]	

SA 065779

Bleached Pulps #11 August 195c

	361 Eddy	Alpha Cut	Oil Blow	Beta Cute	Day Cut	Propeca Yellow	Sta Fac 130	Alpha Size	Cellulite	Sod Bicarb	Ita	Zeolite Amulex	Size	Ultra Cute	Clay	alum	[illegible]
[illegible]											350		346		6500	1112	[illegible]
[illegible]																	
[illegible]																	
[illegible]																	
[illegible]																	
400											550		346		6500	1112	[illegible]
100																	5100
500																	4500
700																	5100
1200										80							7900
1800					1550					160							7200
600					1550					50							6500
900					2400												1100
200					5500					290							44200
800											2000	800	346		5200	872	
7200											2100	900	225		6200	781	
7600	6859										1900	950	325		6650	1036	
7600	6859										1900	950	346		6650	1036	
7600	6498										2450	900	315		6300	981	
6800	20216										10350	4500	1551		31000	4716	
200	6137										2550	850	395		4750	927	
200	7220										2500	950	418		5300	1071	
600	5415										650		263		5350	818	
[illegible]	[illegible]																
[illegible]	[illegible]																
[illegible]	[illegible]										5700	1800	1076		15400	2836	
[illegible]	[illegible]				5500					270	16900	6300	2967		[illegible]	8954	[illegible]

SA 065780

August 1980
#10

down T
up —

Date	A Broke used	B Pieces	6400 Storage Tank Inv	C Slab Waste	D Stub Recle	E Rej Prod	F Good Prod	G Storage Tank adj	A+B+G Total Raw Mat	C+D+E+F Gross Prod	% Rat
28	6400	49599	6400	2500	50	—	47550	—	55699	50100	900
29	6400	[illegible]	6400	1300	—	1480	50470	—	53364	53450	
30	5600	[illegible]	6400	1350	—	1500	47550	—	48166	[illegible]	[illegible]
31	5600	46166	6400	4050	—	1380	43840	—	47766	[illegible]	[illegible]
8 1	4800	40647	9600	4900	—	—	36550	-(3200)	42247	41450	[illegible]
[illegible]	[illegible]										
	28900	[illegible]		14100	50	4360	226160	-(3200)	247242	244670	958
4	7600	55007	9600	3150	2400	10900	38960	—	62607	55410	885
5	6800	53296	9600	1850	—	1470	53945	—	60096	57265	953
6	5600	42208	9600	850	—	—	44220	—	47808	45070	943
7	6400	50562	9600	1400	3300	1320	43050	—	56962	49070	862
8	6800	53601	9600	1550	4200	—	55870	—	60401	61420	1017
9	6800	55698	9600	2100	4400	1220	52940	—	62498	60660	971
10	6000	49904	9600	1600	4070	—	52220	—	55904	57890	1036
	46000	[illegible]		12300	18370	14910	341205	—	406276	381735	95[illegible]
11	[illegible]	[illegible]	9600	3700	900	—	[illegible]	—	48416	31670	654
12	6800	49876	9600	1360	—	—	49550	—	56676	50900	898
13	6000	46436	9600	3200	4220	3060	29830	—	52436	40310	769
14	8400	62720	9600	2250	250	2360	44830	—	71120	49690	699
15	5600	41384	9600	3500	—	5040	43590	—	46984	52130	1110
16	[illegible]										
	[illegible]	[illegible]		14[illegible]	[illegible]	10460	174[illegible]	—	275622	[illegible]	[illegible]
18	5600	41640	9600	2550	—	—	48670	—	47246	[illegible]	[illegible]
19	6000	48330	9600	1300	—	1070	[illegible]	—	54330	[illegible]	[illegible]
20	3600	[illegible]	9600	1800	—	—	43500	—	35820	[illegible]	[illegible]
21	[illegible]										
[illegible]											
	15	[illegible]		5550	—	[illegible]	[illegible]	—	137396	[illegible]	[illegible]
[illegible]				[illegible]		[illegible]	903075	-([illegible])	1066546	[illegible]	[illegible]
[illegible]	500	5790		500			7710		9590	8[illegible]10	
[illegible]		[illegible]		45[illegible]			8[illegible]		1056956	9[illegible]4[illegible]	[illegible]

SA 065781

August, 1980
#11

% Bet	Date	Brake Used	Pulps	Storage Tank Inv	Slab Waste	Stub Rolls	Rep Prod	Good Prod	Storage Tank Adj	Total Raw Mat	Gross Prod	% Bet
900	728	8500	57107	6200	5500	—	1250	48075	—	[illegible]	[illegible]	5
002	[illegible]	4200	[illegible]	[illegible]	[illegible]	—	—	[illegible]	—	[illegible]		3
1046	30	4500	[illegible]	6200	1700	—	—	[illegible]	—	[illegible]	[illegible]	[illegible]
1032	31	4200	40017	6200	1600	—	—	[illegible]	—	[illegible]	[illegible]	[illegible]
981	81	3000	27487	8700	950	—	—	29710	-(500)	[illegible]		
	2	[illegible]										
958		24400	[illegible]		14600	—	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
885	4	5100	38508	8700	3500	—	—	25245	—	[illegible]	[illegible]	[illegible]
953	5	4500	34290	8700	800	—	1560	38140	—	38770	40500	[illegible]
943	6	5100	38862	8700	1450	—	—	34995	—	43962	[illegible]	[illegible]
862	7	4200	33698	8700	5300	—	3810	28140	—	37875	37250	983
1017	8	4500	40362	8700	3200	—	3760	34000	—	45162	40760	907
971	9	3600	31575	8700	5150	—	—	32940	—	35175	[illegible]	1053
1036	10	3900	34220	8700	5550	—	—	24355	—	[illegible]	[illegible]	[illegible]
952		31200	251515		24950	—	9130	217815	—	282715	251895	[illegible]
654	11	6800	40500	8700	1950	—	3410	23315	—	47300	28675	[illegible]
898	12	7200	45605	8700	1350	—	—	47770	—	52805	47120	[illegible]
769	13	7600	44671	8700	1500	—	1190	46775	—	52271	[illegible]	[illegible]
699	14	7600	45421	8700	2550	—	—	45395	—	53021	[illegible]	[illegible]
1110	15	7600	44435	6200	2200	—	1200	40555	+2500	54535	43955	[illegible]
	16	Down										
815		31800	[illegible]		7550	—	5500	[illegible]	+2500	[illegible]	[illegible]	[illegible]
1084	18	7200	41100	6200	8650	—	885	30795	—	[illegible]	[illegible]	[illegible]
938	19	[illegible]	47468	6200	2870	—	—	47135	—	[illegible]	[illegible]	[illegible]
1265	20	5600	34793	6200	560	—	1240	39170	—	[illegible]	[illegible]	[illegible]
	21	Down										
	22											
	23											
1073		20900	123361		[illegible]	—	[illegible]	117120	—	[illegible]	[illegible]	[illegible]
134		[illegible]	[illegible]		61170	—	[illegible]	728240	—	[illegible]	[illegible]	[illegible]
[illegible]												

SA 065782

Treals

Sept. 1980
#10

Date	Tita	Size	Ansilex	alum	Broke
8.25					
26					
27					
28					
29					
30					
9 1					
2					
3					
4					
5					
6					
8					
9					
10					
11					
12					
13					
15					
16					
17					
18					
19					
20					
22					
23					
24					
25					
26					
27					

SA 065783

Trials

Sept. 1980
#11

Brake	Date
	8 25
	26
	27
	28
	29
	30
	9 1
	2
	3
	4
	5
	6
	8
	9
	10
	11
	12
	13
	15
	16
	17
	18
	19
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	22
	23
	24
	25
	26
	27

SA 065784

Bleached Pulps #10 Sept 1980

Date	a HW	503 a SW	559 Grand Prairie	361 NW Eddy	513 Pontiac	465 Prince Albert	525 Crestbrook	485 Calgar	388 SW Eddy	Breaks
8 25		15090	16770	5415						6400
26		16096	17888	5776						6400
27		15090	16770	1083	6156					[illegible]
28		16096	17888		8208					[illegible]
29		4024	6708		5643	11160				4000
30										
		66396	76024	12274	20007	11160				[illegible]
91										
2		4024			4104	11160				[illegible]
3		15090			8208	15810				6400
4		16096			8208	14880				[illegible]
5		14084			7182	13020				[illegible]
6										
		49294			27702	54870				11600
8		19114			9747	1860	17850			[illegible]
9		7042			8208		16800	8730		[illegible]
10		7042			7182		14700	6790		5000
11										
12										
13										
		33198			25137	1860	49350	15520		[illegible]
15					6669			12610	15132	5600
16					7695			14550	17460	6000
17					1026		13650	20855	2328	[illegible]
18					6669		6825	18915		[illegible]
19					6669			18915	5044	4800
20					[illegible]		20475	5945	27964	[illegible]
22					5005			23280	6208	[illegible]
23								18915	10088	[illegible]
24					2313			[illegible]	8536	4400
25										
26										
27										
					10501			[illegible]	[illegible]	[illegible]
		145500	[illegible]	12274	[illegible]	67440	[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	112095	67890	[illegible]	[illegible]	64796	

SA 065785

Brooke	Oak	Carb	Day Clay	Jeta	Amalg	Sage	Clay	Gypsum	Calcium	#10	Starch
2400				1200		380	6750		1		
6400				1600		[illegible]	7200				
[illegible]				[illegible]		[illegible]	[illegible]				
2400				900	1050	[illegible]	[illegible]				
4000				1650	750	[illegible]	[illegible]				
[illegible]				6850	[illegible]	[illegible]	[illegible]				
1600				1200	800	200	[illegible]				
2400				3100	1600	320	3450				
2400				3850	1600	320	[illegible]				
5200				3500	1400	380	3500				
11600				11650	5400	1130	13950				
8000				4750	1900	380	4750		1.43		
1400				2600	900	390	5430				
5200				1600	700	280	4900				
				8950	3500	1050	15000				5800
7600				1950	1300	325	2600				1400
5600				2250	1500	375	3250				—
6000				↓	↓	↓	↓				
6000				10700	3900	300	200	50	400		
5200				10400	7100						—
4800				10400	3900						
17600				315[illegible]	14900	4500	3000	750	[illegible]		
[illegible]				150[illegible]	2100						
5200				10350							
4400				8450							—
[illegible]				33800	2100						
[illegible]				65[illegible]	17000	31950	13700	4415	177[illegible]		
				15300			[illegible]	4415	17[illegible]		

SA 065786

Date	a HW Bl	a SW Bl	518 Superior	465 Pacbert	525 Crestbook	485 Calgar	513 Pontiac	388 Eddy	Broke
8 25			26936	9300					11400
26				29760					9600
27				29760					[illegible]
28				27900					[illegible]
29				27900					[illegible]
30									
			26936	124620					[illegible]
9 1									
2				20460					[illegible]
3				33480					10800
4				31620					[illegible]
5				27900					5400
6									
				113460					36600
8				29760	2100				10200
9					17850	8245	8721		5400
10					11550	5335	5643		3000
11									
12									
13									
				29760	31500	13580	14364		18600
15					16800	11640	6156		5400
16					7875	14550	7695		4500
17					525	21340	3852		3600
18						27160	3598		[illegible]
19						21340	2827		3000
20									
					25200	96030	24125		[illegible]
22						29100	3855		4800
23						29100	257		4500
24						25220	3341		[illegible]
25						9215	7952	17460	[illegible]
26						5820	6156	13968	[illegible]
27									
						98455	21561	[illegible]	[illegible]
			26936	267840	56700	[illegible]	60 53	[illegible]	[illegible]
			26936	267840	56700	208065	60053	31428	

SA 065787

Bleached Pulps #11 September 1980

Broke	Dex Glos	Mapico yellow	Day Cal	Sodium Bicarb	Teta	Ansilex	Size	Ultra Cote	Clay	Calc Card	[illegible]
11400		3900					270				[illegible]
9600		3200					240				[illegible]
9600		3200					240				[illegible]
9000		3000					225				
8400		3100					225				
[illegible]		16400					1200				[illegible]
7200		2350					165				[illegible]
10800		3600					270				[illegible]
10200		3400					255				[illegible]
8400		3000					225				[illegible]
36600		12350					915				[illegible]
10200		3850					255				[illegible]
5400										4800	
3000										1850	
18600		3850					255			6650	927
5400										15400	
4500										13500	
3600			3000							7200	
4200	200		5600							6000	
3000			2200							6600	
20700	200		10800							48700	
4800			8600							3600	
4500			3200							9300	
3600										10000	
5100										4300	
3300										3000	
[illegible]			11800							30200	
[illegible]	200	32600	22600				2370			[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]				[illegible]			[illegible]	[illegible]

SA 065788

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065789 SA

Pump Bales

Sept 1980

Date	a HW Bl	503 a SW Bl	559 Grand Traverse	361 HW Eddy	465 P Albert	518 Superior	513 Pontiac	525 Creatbrook	485 Calgar	391 SW Eddy
5 25		30	30	15	20	52				
26		32	32	16	64					
27		30	30	3	64		12			
28		32	32		60		16			
29		8	12		84		11			
30										
		132	136	34	292	52	39			
91		8			68		8			
2		30			106		16			
4		32			100		16			
5		28			88		14			
6										
		98			362		54			
8		38			68		19	38		
9		14					33	66	35	
10		14					25	50	25	
11										
12										
13										
		66			68		77	154	60	
15							25	32	50	39
16							30	15	60	45
17							10	27	87	6
18							20	13	95	
19							19		83	13
20										
							104	87	375	103
22							24		108	16
23							1		99	26
24							12		85	22
25							16		19	45
26							12		12	36
27										
							65		323	145
		296	136	34	722	52	339	241	758	242

065790 SA

Sept 1980

down +
up −

Date	A Broke Used	B Pulps	9600 Storage Tank Ins	C Slab Waste	D Stub Rolls	E Rej Prod	F Good Prod	G Storage Tank adj	A+B+G Total Raw Mat	C+D+E+F Gross Prod	% Ret
8 25	6400	47925	—	3000	5150	6140	32590	+9600	63925	46880	73.3
26	6400	50080	—	1300	6510	—	48715	—	56480	56525	100.1
27	6000	49419	—	2050	8280	—	50420	—	55419	60750	109.6
28	6400	52262	—	2200	7010	—	50620	—	58662	59830	102.0
29	4000	34260	9600	4250	620	—	21830	−(9600)	28660	26700	93.2
30	Holiday										
	29200	233946		12800	27570	6140	204175	—	263146	250685	95.3
9 1	Holiday										
2	3600	26088	9600	3500	—	4200	19850	—	29688	27550	92.8
3	6400	48888	9600	950	5740	1215	51310	—	55288	59215	107.1
4	6400	50454	9600	1150	6880	—	53385	—	56854	61415	108.0
5	5200	45966	9600	1600	6940	—	52650	—	51166	61190	119.6
6											
	21600	171396		7200	19560	5415	177195	—	192996	209370	108.5
8	8000	62951	9600	1200	7000	2590	51870	—	70951	62660	88.3
9	6400	51270	9600	2250	1160	—	49070	—	57670	52480	91.0
10	5200	45194	9600	2800	—	—	37850	—	50394	40650	80.7
11	Down										
12	"										
13	"										
	19600	159415		6250	8160	2590	138790	—	179015	155790	87.0
15	5600	41786	9600	5600	—	1320	35200	—	47386	42120	88.9
16	6000	47080	9600	2100	—	—	50810	—	53080	52910	99.7
17	6000	55209	9600	1300	2640	—	38160	—	61209	42100	68.8
18	5200	49909	9600	5050	4000	—	34380	—	55109	43430	78.8
19	4800	44928	9600	3550	2900	—	27700	—	49728	34150	68.7
20	Down										
	27600	238912		17600	9540	1320	186250	—	266512	214710	80.6
22	5200	54796	9600	6600	2410	—	29120	—	59996	38130	63.6
23	5200	39353	9600	2950	3550	—	35550	—	44553	42050	94.4
24	4400	35304	9600	2050	3400	1500	32780	—	39704	39730	100.1
25	Down										
26	"										
27	"										
	14800	129453		11600	9360	1500	97460		144253	119910	83.1
	[illegible]	[illegible]		55450	74190	16965	803860	—	1045922	950465	[illegible]

SA 065791

Sept 1980
#11

% Ret	Date	Broke Used	Pulps	6200 Storage Tank Inv	Slab Waste	Stub Rolls	Rej Prod	Good Prod	Storage Tank adj	Total Raw Mat	Gross Prod	% Ret
733	825	11400	40406	4950	3200	—	—	33270	+ 1250	53056	36470	687
1001	26	9600	33200	4950	1400	—	9200	32490	—	42800	43090	1007
1096	27	9600	33200	4950	1000	—	—	42085	—	42800	43085	1007
1020	28	9000	31125	4950	1700	—	3900	34250	—	40125	39850	993
932	29	8400	31225	6200	—	—	—	40690	— (1250)	38375	40690	1060
	30	Holiday										
953		48000	169156		7300	—	13100	182785	—	217156	203185	936
928	9 1	[illegible]										
	2	7200	22975	6200	1100	—	—	19130	—	30175	20230	670
1071	3	10800	37350	6200	1100	—	670	43420	—	48150	46190	937
1080	4	10200	35275	6200	150	—	—	43390	—	45475	43540	957
1196	5	8400	31125	—	300	—	—	39720	+ 6200	45725	40020	875
	6											
1085		36600	126725		2650	—	670	145660	+ 6200	169525	148980	879
883	8	10200	35965	—	3000	—	—	36260	—	46165	39260	850
910	9	5400	39616	—	2700	—	—	28430	—	45016	31130	692
807	10	3000	24378	—	—	—	—	31880	—	27378	31880	1164
	11	Down										
	12	"										
	13	"										
870		18600	99959	—	5700	—	—	96570	—	118559	102270	863
889	15	5400	49996	—	4050	—	—	28870	—	55396	32920	594
997	16	4500	43620	—	2700	—	—	34010	—	48120	36710	763
688	17	3600	35917	—	4950	—	—	28930	—	39517	33880	857
788	18	4200	42568	—	3150	—	—	36470	—	46758	39620	847
687	19	3000	32967	—	3300	—	—	34980	—	35967	38280	1064
	20	Down										
806		20700	205058		18150			163260		225758	181410	804
636	22	4800	45155	—	5800	—	—	23980	—	49955	29780	596
944	23	4500	41857	—	3200	—	—	35680	—	46357	38880	839
1001	24	3600	38561	—	1800	—	—	40000	—	42161	41800	991
	25	5100	38927	—	3700	—	—	33620	—	44027	37320	848
	26	3300	28944	—	1700	—	—	29010	—	32244	30710	952
	27	Down										
831		21300	193444		16200	—	—	162290	—	214744	178470	831
869		145200	794342		50000	—	13770	750565	+ 6200	945742	[illegible]	861

SA 065792

Neuphor Size 8.7# per gal

Zealex & Ansiex

#10 Stan

Broke		Beta Cote	Day Cal	Mapico Yellow	Sta Lac 130	Alpha Size	Cabolite	Calc Carb	Sodium Bicarb	Tita		Size	Clay	Ultra Cote	Alum	
600		2200								1100		325	3650		850	[illegible]
100										1900	550	400	6600		1046	[illegible]
4000										650	50	275	4850		719	[illegible]
2000		2200								3650	600	1000	15100		2615	1900
200		2200								3650	600	1000	15100		2615	1900

Bleached Pulps #10 May 1900

Sale 8.4# p

Date	A H W	A S W	Superior 518	Pontiac 513	Kamloops	Broke
1-8			20202	13338		5600
9			30562	10773		6400
51			22792	5643		4000
3						
5			75556	29754		16000
6						
7						
8						
9						
10						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
			556	29754		[illegible]

SA 065795

		388	491	513	465	471				
[illegible]	a S W Bl	Eddy	Kamloops	Pontiac	Prince Albert	Dryden				Brake
[illegible]		19788	16694							7200
[illegible]		22116	18658							7600
[illegible]		16296	13748							5200
[illegible]										
[illegible]										
		5[illegible]	49100							20000
5										
6										
7										
8										
9										
10										
12			33388							6800
13			30203	3341						6800
14			36099	5397						8400
15			32661	4883						7600
16			30,942	4626						7200
17			32661	4883						7200
18			34380	5140						8000
			230,334	29,270						52,000
[illegible]			16,944	5,140	16,513					8,000
20			17,190	4,626	13024					7,200
21				4,883	30,932					8000
22				4883	30,932					7200
[illegible]				2827	17675	2120				4800
24										
			34134	22359	109076	2120				35200
		[illegible]	33569	[illegible]	101076	[illegible]				107200

SA 065796

Bleached Pulps #11 May 1980

Water	Beta Cote	Dry Cal	Mapes Yellow	Sta Lac 130	8½# per 2 ft Alph Size	Cabolite	Calc Carb	Sodium Bicarb	Iris	Zeolex & Ansilex	Size	Ultra Cote	Clay	Alum
200			3500		26						240			927
600			3800								285			1036
200			2800								210			763
00			10100		26						735			2726
800			3600		361								Dry	850
800			3400		298								Dry	850
400			4200		447								Dry	450 654
00			3800		404									1032
200			3600		383									932
200			3800		404								Dry	100 981
000			6800		425									1090
000			29,200		2722									6939
000			4,000		425									1090
200			3,600		383									981
000			3,800		404									1036
200			3,800		404									1036
800			2400		264									654
200			17600		1880									4797
200			56900		4628						735			14462

SA 065797

Purse Baies May 1980

Date	518 Superior	513 Pontiac	388 Eddy	491 Camloops	465 Prince Albert	471 Dryden
428	39	26	51	34		
29	59	21	57	38		
30	44	11	42	28		
51						
2						
3						
	142	58	15	100	—	
5						
6						
7						
8						
9						
10						
12				68		
13		7		62		
14		11		74		
15		10		67		
16		9		63		
17		10		67		
18		10		70		
	—	57	—	471	—	
19		10		35	36	
20		9		35	28	
21		10			67	
22		10			67	
23		6			38	5
24						
25						
		45		70	236	5
	142	160	150	641	236	5

5A 065798

May 1980

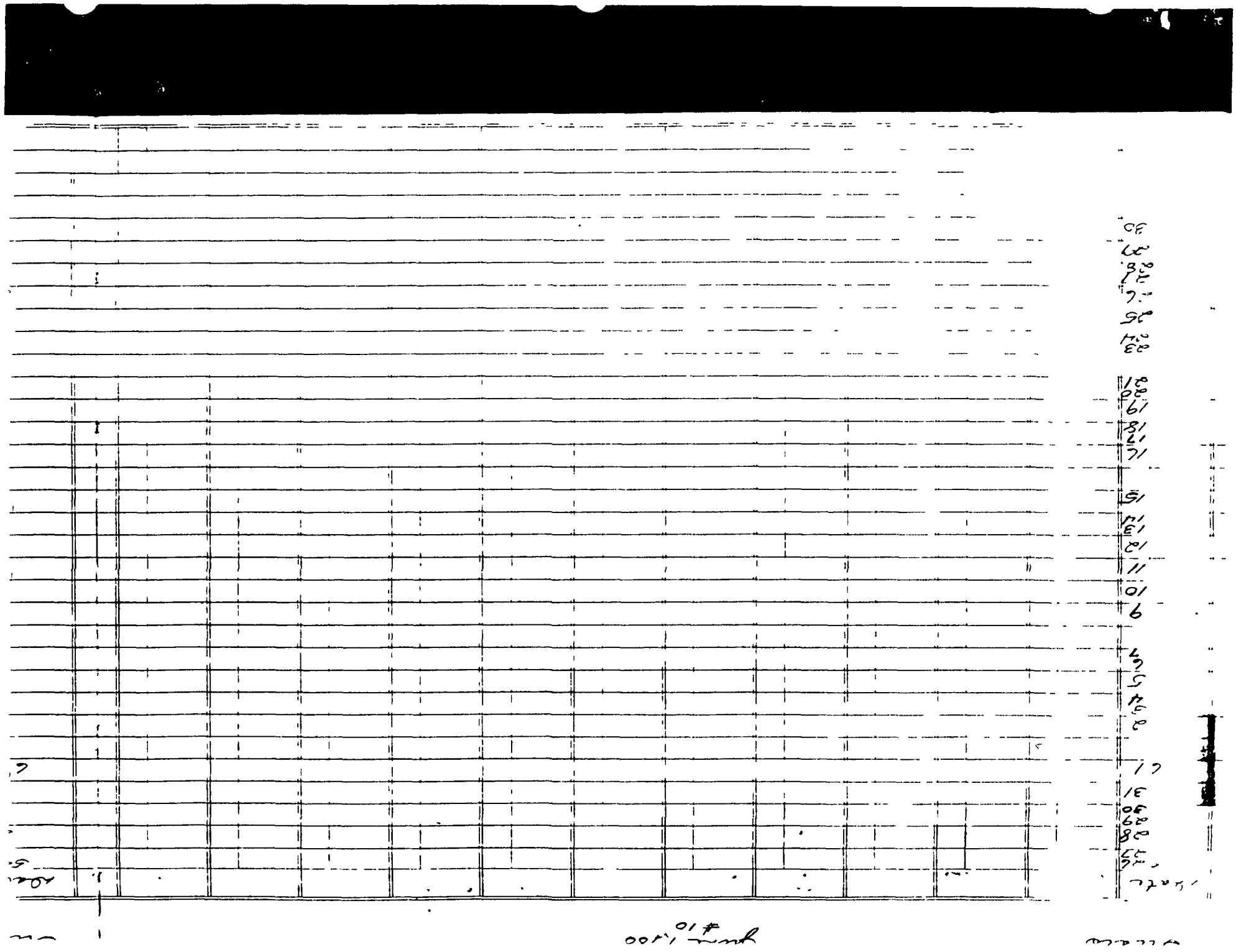
'70 Bt	Date	A Brown Wood	Pulpwood	7450 Storage Tank No.	Steel Waste	Steel Coils	E Rep Wood	F Wood Prod	Storage Tank	Total Cu Mt	[illegible]	[illegible]
1005	4 28	7200	40248	7450	5400	—	—	33280	—	47448	35650	515
561	29	7600	44859	7450	950	—	—	43440	—	52457	[illegible]	[illegible]
988	30	5200	33054	7450	1300	—	—	26570	—	38254	27870	727
	5 1	Strike										
	2	"										
	3	"										
742		20000	118161		[illegible]	—	—	[illegible]	—	[illegible]	[illegible]	
	5 6	Strike										
	7	"										
	8	"										
	9	"										
	10	"										
		—	—		—	—	—	—	—	—	—	—
	12	6800	37349	7450	3100	—	4240	25680	—	44149	33000	719
	13	6800	37242	7450	1000	—	2000	29440	—	44042	32440	737
	14	8400	46143	7450	1000	—	2000	37480	—	54543	40480	74[illegible]
	15	7600	41748	7450	—	—	—	39470	—	49348	39470	800
	16	7200	39551	7450	200	—	4670	28160	—	46751	33.030	707
	17	7200	41748	7450	1350	—	—	39000	—	48948	40350	[illegible]
	18	8000	46745	7450	150	—	—	39140	—	54745	39290	715
		52000	290526		6800	—	12910	238370		342526	258080	754
	19	7600	43022	7450	700	—	—	37490	—	50622	38190	[illegible]
	20	7200	38823	7450	1800	—	—	37360	—	46023	39160	851
	21	8000	40019	7450	3600	—	1900	30960	—	48019	36460	761
	22	7200	40019	7450	7300	—	1860	27760	—	47219	36920	782
	23	4800	25286	7450	1150	—	1800	28420	—	30086	31370	1043
	24	Sunday										
	25	"										
		34800	187169		14550	—	5560	161990	—	221969	187100	820
14[illegible]		106900	575851		29000	—	18470	503650	—	702651	[illegible]	[illegible]

May 1980
#10

Down +

	A	B	8000	C	D	E	F	G	A+B+G	C+D+E+F	
	Brace Used	Pulps	Storage Tank Ins	Slab Waste	Steel Rolls	Rep Prod	Good Prod	Storage Tank Adj	Total Raw Mat	Grow Prod	% Ret
[illegible]	5600	41315	8000	14330	—	4260	28540	—	46915	47130	100.5
[illegible]	6400	51485	8000	4500	1400	1120	42790	—	57885	49810	86.1
[illegible]	4000	34960	8000	1400	200	1280	35610	—	38960	38490	98.8
5	Strike										
[illegible]	"										
[illegible]	[illegible]	1[illegible]7760		20230	1600	6660	106940	—	143760	135430	94.2
6	Strike										
7	"										
8	"										
9	"										
10	"										
12	"										
13											
14	"										
15	"										
16											
17	"										
18	"										
[illegible]	"										
20											
[illegible]	"										
[illegible]	"										
[illegible]											
[illegible]											
[illegible]											
[illegible]		1[illegible]76[illegible]		20[illegible]3[illegible]	1600	6660	106940		143760	135430	94.2

SA 065800



SA 065801

Treals

June 1980
#11

Date	Pontiac	Prince Albert	Calgary	Edmonton	Cache Lake	Magic Yellow	Ile	Apple Bay	Lithium	Wilbrecht Clay	
5-26											3[illegible]
27											
28											
29											
30											
31											
6 1											
2										11-1124	
3											
4		5580				450		64	164	300	1[illegible]
5											
6											
7											
		5580				450		64	164	300	1[illegible]
9										11-1128 [illegible] 10-11-1062	
10											
11			17460	13968	1800		8900			4600	1900
12	5130		6790	9312	1200		4200	10-11-1062		2400	1100
13											
14											
15											
	5130		24250	23280	3000		13100			7500	300
16											
17											
18											
19											
20											
21											
23											
24											
25											
26											
27											
28											
29											
30											
	5130	55[illegible]	24[illegible]	23[illegible]	3[illegible]	450	1310[illegible]	64	164	73[illegible]	[illegible]

SA 865802

Broke	Rampico Size 8 # per gal	Beta Coke	Day Coal	Napiq yellow	Ster Sc 130	8½ # per gal Asphalt Size	Lolite	Calc carb	Calc carb	Beta	zeolite Ancite	Size	Clay	ultra coke	alum	Alphite	#10 starch
6800										1350		400	5850	1350	1046		2300
6400										2200	400	238	5400		1047		1200
6000										3150	1000	188	3600		981		600
7200										3000	900	226	8100		1177		1200
7600										4500	950	238	8550		1243		1400
6000										4000	550	200	7200		1046	250	4200
40000										18200	3800	1490	38700	1350	6540	250	10900
6800										7200		400			1046	2000	—
6000										6900		375			981		1800
6400										7550		400			1047		1200
9400										6800		375			981	1600	—
6800										5050		225	600		926	1650	—
35400										33500		1875	600		4981	5250	3000
6800										2300		400	5200		1046	450	2000
6400										2150		405	5700		1046	600	600
6000										850		375	6650		981	750	1200
6400										3500		425	5100		1047	1500	1200
5600										1300		350	5300		916	850	1800
5600										1900		350	5600		916	700	1500
5200										1950		325	5200		850	650	1500
42000										13950		2650	38750		6802	5500	9800
6400										2400		400	6400		1046	550	1800
4000										1650		275	4400		719		—
5400										4250		375	800		981	1200	2500
6800										3700		425	1700		1112	1700	1800
6000										2400		370	2650		1046	1400	1200
28600										14400		1845	15950		4904	4900	7300
3200										1500		150		3150	523	550	1400
5200										2200		325		4600	850	950	600
5600										3050		350		2300	992	1250	1600
5600										2500		350		1400	981	1400	1200
5600										2800		350		1400	992	1700	1200
6000										3000		375		2050	1145	1500	1200
6800										3400		425		1460	1297	1700	1200
6000										3400		375		1850	1145	1500	1600
44000										21850		8700		18200	7925	10250	10000
1[illegible]										101900	3800	10550	94[illegible]	19550	3115[illegible]	2[illegible]550	41[illegible]

SA 865803

Bleached Pulps #10

Date	497		478	485	388	454	518			Broke
	[illegible]	A S W	Cariboo	Celgar	Eddy	Marathon	Superior			
27	10940		27724							6800
28	11184		27485							6400
29	7952		28202							6000
30	17892		25812							7200
31	18886		27246							7600
61	15904		22944							6000
	[illegible]758		159413							40000
2	3984		25095	9700						6800
3	[illegible]735		17925	14550						6000
4	3984		19120	15520						6400
5	497		21032	1940	15132					9400
6	1988		18642		12804					6800
7										
	14189		101814	41710	27936					35400
9	12922		25812							6800
10	11431		27246							6400
11	7455		28680							6000
12	1952		30592							6400
13	6958		26768							5600
14	6958		26768							5600
15	6461		24856							5200
	60137		190722							42000
16	7952		30592							6400
17	5467		21032							4000
18	7456		28680							5400
19	8449		32504							6800
20	9443		29158							6000
21										
	[illegible]766		141966							28600
23	6467		2868	1455		2724	6216			3200
24	6461						26936			5200
25	6958						29008			5600
26	6958						29008			5600
27	6958						29008			5600
28	7455						31080			6000
29	8449						35224			6800
[illegible]	[illegible]455						31080			6000
	[illegible]		[illegible]	1455		2724	17560			44000
	[illegible]		[illegible]		[illegible]	[illegible]				[illegible]

SA 065804

Date	497 HW BL	@ SW BL	471 Dryden	485 Calgary	513 Pontiac	466 Picbert	388 Eddy	491 Kamloops	526 Creetbrook	Brake
26										
27			10362	10670						3000
28			11310	14560	3084					4500
29			10605	14550	3855					4200
30			31331		4883					8000
31			32972		1028					10200
6/1			11304			14880				8400
			107884	39770	12850	14880				38300
2						31620				10200
3					2837	17908				3600
4					4112	26048				4800
5					4112	11396	13968			4800
6				11640	3341		10864			3600
7										
				11640	14392	86972	24832			27000
9				19400	5140		15520			6300
10				14550	3855		11640			4200
11	All Fresh									
12				3880	2052		1552			1500
13				15520	8208		6298			4800
14					7182		5432	13748		4200
15					8208		11640	8838		4800
				53350	34645		51992	22586		25800
16					7695		17460			4500
17					6669		16684			3900
18					6669		20176			3600
19					8208		24832			6800
20					6156		23280			6200
21										
					35397		102432			25000
23							29488		8975	12000
24							21728		7350	10400
25							12416		4200	5600
26				17460	2052		10864		9450	10500
27				10670			8536		5775	6600
28				13580			10864		7350	8400
29				12610			10088		6825	7800
30				11640			9312		6300	7200
				65960	2052		113296		57225	68500
			107884	17670	[illegible]	12182	27250		57225	12460

865805 SA

Bleached Kraft #11 — June 1955

Broke	Dry Blow	Beta Cyt	Dry Cal	Magnesium Silicate	Sta Loc 130	Alpha Sugar	Adsorbitol	Calcium Carb	Sodium Bicarb	Starch	Sugar	Ultra Cell	Clay	Alum
3000								11000						
4500								14600						
4200								13850						
8000				4000							285			1036
10200				3600							270			982
8400				2800							210			764
38300				10400				7450			765			2789
10200				3400							255			927
3600								11000						
4800								15500						
4800								16000						
3600								12100						
27000				3400				54600			255			927
6300								18000						
4200								13800						
1500								3600						
4800								14400						
4200								11900						
4800								12350						
25800								74050						
4500								12450						
3900								11060						
3600								11950						
6800										1250	280	6400		948
6800				750						1200	255	5400		818
25000				750				35450		2450	535	11800		1766
12000				3800							285			1036
10400				2800							210			764
5600				1600							120			218
10500			8100					11700						
6600			4050					5400						
8400			6300					5600						
7800			5850					5200						
7200			3100					7100						
68500			27400		8200			35000			615			2018
54600			27400		22755			33550		2450	2170	1185		7473

SA 065806

Pulps
Bales

June 1980

Date	AHW 497	Cariboo 478	Dryden 471	Algar 485	Pontiac 513	Prince Albert 465	Eddy 388	Kamloops 491	Marathon	Superior	Creston
31 26											
27	22	58	22	22							
28	23	58	24	30	6						
29	16	59	23	30	8						
30	36	64	67		10						
31	38	57	70		2						
61	32	48	24			32					
	167	334	230	82	26	32					
2	8	53		20		68					
3	8	38		30	6	51					
4	8	40		32	8	56					
5	1	44		4	8	56	39				
6	4	39		24	7		61				
7											
	29	214		110	29	231	100				
9	26	54		40	10		40				
10	23	57		30	8		30				
11	15	60		36			36				
12	16	64		22	14		28				
13	14	56		30	16		16				
14	14	56			14		14	28			
15	13	52			16		30	18			
	121	399		160	78		194	46			
16	16	64			15		45				
17	11	44			13		43				
18	15	60			13		52				
19	17	68			16		64				
20	19	61			12		60				
21											
	78	297			69		264				
23	13	6		3			74		6	12	17
24	13						52			52	14
25	14						32			56	8
26	14			36	4		28			56	18
27	14			22			22			56	11
28	15			28			28			60	14
29	17			26			26			68	13
30	15			24			24			60	12
	115	6		139	4		292		6	420	107
	510	1250	230	491	206	263	850	46	6	420	107

SA 865807

June 1980
#11

Date		A Brine Used	B Pulpwood	7450 Storage Tank Fee	Slab Waste	Slab Rocks	Bag Rental	F Bird Peak	Storage Tank Rental	Total Gross Mat		% Rec
906	26	Holiday 3000	32032	6200	8800	—	—	6220	+ 1250	36282	[illegible]	41 4
940	28	4500	43944	6200	5200	—	—	29445	—	48044	34645	72 1
881	29	4200	42860	6200	1000	—	—	39000	—	47060	[illegible]	55 0
956	30	8000	40479	6200	7200	—	—	25230	—	48499	33430	66 1
884	31	10200	37870	6200	850	—	—	37930	—	48070	38790	[illegible]
984	6 1	8400	29194	6200	900	—	3600	27160	—	37594	[illegible]	84 2
726		38300	225999		23950	—	3600	164775	+ 1250	265549	[illegible]	7[illegible]
765	2	10200	35275	6200	750	—	—	38380	—	45475	39130	86
889	3	5400	38129	6200	3010	—	1930	19900	—	43537	26510	57 1
828	4	4800	45460	6200	5800	—	—	23330	—	50460	29130	57 7
913	5	4800	45476	6200	6950	—	2640	25140	—	50276	34630	68 9
989	6 7	3600	37945	7450	3200	—	—	26830	− (1250)	40295	29030	72 0
882		28800	202485		19710	—	4470	132580	− (1250)	230035	156760	68 1
838	9	6300	58060	7450	4200	—	—	24190	—	64360	28390	44 1
1022	10	4200	43845	7450	2100	—	—	31730	—	48045	33830	70 4
1062	11	1900	46728	7450	7080	—	8040	19770	—	48628	34870	71 8
798	12	2600	40116	7450	2200	690	—	34600	—	42716	37370	87 5
970	13	4800	44336	7450	2650	1680	—	37100	—	49136	41430	84 3
1046	14	4200	38262	7450	3400	1680	—	35530	—	42462	[illegible]	95 6
507	15	4800	41036	7450	2550	1720	—	36230	—	45836	40500	88 4
194		28800	312383		24180	5770	8040	219050	—	341183	257040	75 [illegible]
838	16	4500	37605	7450	3500	660	—	24100	—	42105	28260	67 1
797	17	3900	34403	7450	9100	—	—	18370	—	38303	27470	71 7
861	18	3600	38795	7450	4250	—	—	25460	—	42395	29710	70 1
883	19	6800	40970	7450	2500	1440	—	25175	—	47770	29115	61 0
838	20 21	6200 Sawyer	37041	4950	1200	2980	—	41190	+ 2500	45741	45370	99 2
846		25000	188814		20550	5080	—	134275	+ 2500	216314	159[illegible]	73 1
459	23	12000	43548	4950	3700	—	—	35320	—	55548	34[illegible]	70 3
960	24	10400	32088	4950	3950	—	—	31710	—	42488	35660	83 9
890	25	5600	18336	4950	3290	—	1950	25570	—	23936	30810	128 7
755	26	10500	59626	4950	3300	—	3040	36355	—	70126	42695	60 1
895	27	6600	34431	4950	1500	—	—	33445	—	41031	34945	85 [illegible]
886	28	8400	43694	6200	2000	—	—	37530	—	52094	39530	75 9
871	29	7800	40573	6200	1900	—	—	35610	—	48373	37510	77 5
889	30	7200	37452	6200	700	—	—	35830	—	44652	36530	81 [illegible]
846		685500	309748		20340	—	4990	271370	—	378248	296700	78 4
[illegible]		1894000	1239427		10[illegible]730	10550	21100	922280	+ 2500	14313[illegible]	[illegible]	14 [illegible]
		4800	82154		12880	690	4040	53250		86964	70860	
		1846000	1157074		95850	10160	17060	869030		1344875	[illegible]	73 5

SA 065808

June 1[illegible] #10

Date	A Broke Used	B Pulps	8000 Storage Tank Inv	C Slab Waste	D Stub Rolls	E Rej Prod	F Good Prod	G Storage Tank adj	A+B+G Total Raw Mat	C+D+E+F Gross Prod	% Ret
5-26	Holiday										
27	6800	49914	6400	9450	—	1300	42060	+ 1600	58314	52810	906
28	6400	48107	6400	5700	—	—	45540	—	54507	51240	940
29	6000	44692	6400	3150	6550	860	34120	—	50692	44680	881
30	7200	57130	4800	1900	8175	—	52940	+ 1600	65930	63015	956
31	7600	61770	4800	2100	6490	1800	50960	—	69370	61350	884
6 1	6000	55248	4800	3200	6060	5600	45420	—	61248	60280	984
	40000	316861		25500	27275	9560	271040	+ 3200	360061	333375	926
2	6800	48379	4800	2150	200	12180	27700	—	55179	42230	765
3	6000	45286	4800	1360	—	—	44220	—	51286	45570	889
4	6400	47774	4800	3900	—	200	43460	—	54174	47560	878
5	9400	47376	4800	650	—	—	51160	—	56776	51810	913
6	6800	41059	8000	1850	—	—	42300	-(3200)	44659	44160	989
7											
	35400	229873		9900	200	12380	208840	-(3200)	262073	231320	882
9	6800	49084	8000	4200	—	—	42650	—	55884	46850	838
10	6400	48152	8000	12540	1000	—	42240	—	54552	55780	1022
11	6000	45960	8000	2400	6040	1100	45620	—	51960	55160	1062
12	6400	50269	8000	4750	4440	—	36010	—	56669	45200	798
13	5600	43326	8000	3150	2640	—	41650	—	48926	47440	970
14	5600	43776	8000	960	—	1480	49230	—	49376	51660	1046
15	5200	40942	6400	6000	—	—	18190	+ 1600	47742	24190	507
	42000	321509		33990	14120	2580	275590	+ 1600	365109	326280	894
16	6400	50094	6400	2200	—	—	45150	—	56494	47350	838
17	4000	32824	6400	8100	—	7270	13970	—	36824	29340	797
18	5400	45260	6400	4450	1400	1920	35830	—	50660	43600	861
19	6800	50278	6400	1300	—	2000	47100	—	57078	50400	883
20	6000	46671	8000	600	—	—	42190	-(1600)	51071	42790	838
21	[illegible]										
	28600	225127		16650	1400	11190	184240	-(1600)	252127	213480	846
23	3200	26474	8000	2140	750	—	10740	—	29674	13630	459
24	5200	42072	8000	6800	1760	3570	33265	—	47272	45395	960
25	5600	44516	8000	2450	1720	—	40420	—	50116	44590	890
26	5600	42816	8000	2350	—	2000	32200	—	48416	36550	755
27	5600	43116	8000	2900	—	—	40700	—	48716	43600	895
28	6000	46660	8000	3250	—	—	43420	—	52660	46670	886
29	6800	51848	8000	2450	—	—	48640	—	58648	51090	871
30	6000	47260	8000	4350	—	—	43000	—	53260	47350	889
	44000	344762		26690	4230	5570	292385	—	388762	328875	846
	[illegible]	[illegible]		112730	[illegible]	[illegible]	[illegible]	—	1629132	1433350	[illegible]

608590 SA

Trials

July 1980

Date

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SA 065810

Trials

July 1980 #11

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SA 865811

Resorption size 8.7 per gal

8½# per gal

Zeolex Analysis

#10 Starch

Brake	Beta Cola	Day Col	Metallic yellow	Star Tone 130	Alpha Sizy	Cabolite	Calc Carb	Sodium Borate	Beta Cola		Size	clay	Ultra Cole	alum	Alphatex	#10 Starch
5600									3500		350		2100	1068	1400	900
400									4000		400		2400	1221	1600	600
5200									3050		350		2400	1035	1250	—
7200									10550		1100		6900	3354	4250	1500
200									1800		300		3000	785	600	2300
400									2150		275		3750	720	550	3000
200									2150		325		5100	850	1250	4800
200									1950		325		5200	850	1300	3200
1000									1700	1000	250	4000		654		3000
5600									2800	1400	350	5600		916		2500
200									2600	1300	325	5200		850		2500
1800									15150	3700	2150	14800	17050	5625	3700	28300
000									2400	1500	375	5400		981		2000
400									2400	1600	400	5600		1046		1200
000									2250	1500	375	5250		1025		1800
200									1950	1300	325	4550		850		1600
400									1800	1200	300	4200		785		—
200									10800	7100	1775	25000		4687		6600
800									3500	1700	400	700		1047		2200
600									5500	1650	350			916		1200
200									5600	700	350			916		1400
000									3050	1200	350	2000		916		1800
600									3500	1400	350	1400		916		1800
000									3750	1500	375	1150		981		2800
000									3950	1700	375	550		981		3400
1200									28850	9850	2550	5800		6673		14600
1200									65350	20650	7575	45600	23950	20209	7950	51000

SA 065812

Bleached Tulips #10

8.7

	497	503	518	559	491	432					
Date	A&W	A&W	Superior	Grand Prairie	Ramloop	Western					Brake
1	6958		29008								5600
2	7952		33152								6400
3	6458		12432	17888							5200
4											
5	21868		74592	17888							17200
7	5964			26832							5200
8	5467			24596							4400
9	6461			29068							5200
10	6461			29068							5200
11	4970			22360							4000
12	6958			31304							5600
13	6461			29068							5200
	42742			192296							34800
14	7455			20124	11784						6000
15	7952				31424						6400
16	7455				29460						6000
17	6461				25532						5200
18	5964				23568						4400
19											
	35087			20124	141768						28000
21	7952	4527			27005						6800
22	6958				27496						5600
23	6485				27496	3888					5200
24		1006			26514	6048					6000
25					27496	6048					5600
26					29460	6480					6000
27					31424	4752					6000
	17345	5533			196891	27216					41200
	117 12	5533	74592	230308	318659	27216					121200

SA 86581 3

Date	a HW Bl	a SW Bl	388 Eddy	485 Celyon	525 Crestbrook	513 Pontiac	454 Marathon				Brooke
1			10864	13580	7350						8400
2			10864	13580	7350						8400
3			7760	12610	6825	1539					6600
4											
5											
			29488	39770	21525	1539					23400
7			26384			8721					7200
8			29488			9747					7600
9			26384			8721					6800
10			29488			9747					7600
11			24832			8208					6400
12			24832			8208					6000
13			21728			7182					6000
			183136			60534					47600
14			26384			8721					6800
15			20176			6669					4200
16			13192	13580		6669					4500
17			10088	12610		6669					3900
18			9312	11640		6156					3300
19											
			79152	37830		34884					22700
21			11640	14550		7695					4800
22				12610	13650	6669					3900
23				11640	12600	6156					3300
24		10563			11025	10773	9534				8800
25		12575			13125	12825	11350				10000
26		12575			13125	12825	11350				10000
27		10060			10500	10260	9080				8000
		45773	11640	38800	74025	67703	41314				48800
		45773	323416	116400	95550	164160	41314				142500

865814 SA

Bleached Pulp #11 July 1980

Brooke	Asphalt	Dest Eboni	Beta Cote	Day Cal	Mexico yellow	Sta Lite 130	alpha Sizy	cabolite	Soda Carb	Sodium Bicarb	Sta	Yolks Anodes	Sizy	ultra Cote	clay	alum
2400									11900							
2400									11900							
6600	150								9200		450		45	750		229
3400	150								3000		450		45	750		229
7200	850										3250		255	4250		1297
7600	950										5200		285	4750		1450
6800	650										2750		305	4250		1297
7600	1900										2850		418	4750		1450
6400											3100	1600	360	4250		1221
6000											2600	1600	360	5500		1221
6000											700		315	5600		1068
47600	5350										20550	3200	2298	33350		9004
6800											850		390		6800	970
4200									4200							
4500									4500							
3900									3900							
3300									4700							
2700									17300		850		390		6800	970
4800									12750							
3900									11050							
3300									10800							
8800											1050		420		8400	1373
10000											1700		500		10000	1635
10000											1550		500		10250	1635
8000											1000		400		8000	1308
18800									31400		5300		1820		36650	5951
2500	5500								84900		27150	3200	4553	34100	43450	16154
	✓								✓		✓	✓	✓	✓	✓	✓

SA 065815

Pulp Bales July 1980

Date	a HW	a SW	Superior	Coldy	Calgar	Crestbrook	Grand Prairie	Pontiac	Kamloops	Western	Marath
				388				513	491	432	454
71	14		56	28	28	14					
2	16		64	28	28	14					
3	14		24	20	26	13	32	3			
4											
5											
	44		144	76	82	41	32	3			
7	12			68			48	17			
8	11			76			44	19			
9	13			68			52	17			
10	13			70			52	19			
11	10			64			40	16			
12	14			64			56	16			
13	13			56			52	14			
	86			472			344	118			
14	15			68			36	17	24		
15	16			52				13	64		
16	15			34	28			13	60		
17	13			26	26			13	52		
18	12			24	24			12	48		
19											
	71			204	78		36	68	248		
21	16	9		30	30			15	55		
22	14				26	26		13	56		
23	5				24	24		12	56	9	
24		23				21		21	54	14	21
25		25				25		25	56	14	25
26		25				25		25	60	15	25
27		20				20		20	64	11	20
	35	102		30	80	141		131	401	63	91
	236	102	144	782	240	182	412	320	649	63	91

SA 065816

July 1960
#10

Date	A Brake Used	B Pulps	Storage Tank Inv	C Slab Waste	D Stub Rolls	E Rej. Prod	F Good Prod	G Storage Tank adj	A+B+G Total Raw Mat	C+D+E+F Gross Prod	% Ret
7	5600	44216	8000	6160	—	—	39250	—	49816	45410	912
	6400	50104	8000	1460	—	—	52380	—	56504	53840	953
	5200	44328	9600	4950	—	—	36560	-(1600)	47928	41510	845
4	[illegible]										
5	"										
	17200	138648		12570	—	—	128190	-(1600)	154248	140760	913
7	5200	47796	9600	9250	3000	1210	25590	—	52996	39050	737
8	4400	39788	9600	6800	2300	2500	27080	—	44188	38680	875
9	5200	49154	9600	3700	—	—	47180	—	54354	50880	936
10	5200	47504	9600	7850	—	9580	27200	—	52704	44630	847
11	4000	37280	6400	5200	—	—	29480	+3200	44480	34680	780
12	5600	50912	6400	1250	—	—	57355	—	56512	58605	1037
13	5200	47454	6400	1000	—	—	55320	—	52654	56320	1070
	34800	319888		35050	5300	13290	269205	+3200	357888	322845	902
14	6000	51038	6400	1250	—	—	54380	—	57038	55630	975
15	6400	50576	6400	1050	—	2860	51360	—	56976	55270	970
16	6000	48090	6400	3450	—	4140	45040	—	54090	52630	973
17	5200	41718	6400	8850	—	—	34530	—	46918	43380	925
18	4400	37032	9600	350	—	—	41200	-(3200)	38232	41550	1087
19	[illegible]										
	28000	228454		14950	—	7000	226510	-(3200)	253254	248460	981
21	6800	47984	9600	5650	500	3580	43700	—	54784	53430	975
22	5600	43154	9600	2600	5000	—	34760	—	48754	42360	869
23	5200	41919	9600	1950	5800	—	42890	—	47119	50640	1075
24	6000	41968	9600	3150	2700	1090	35250	—	47968	42190	880
25	5600	41994	9600	400	4600	1360	45950	—	47594	52310	1099
26	6000	45515	6400	1000	1100	1090	44400	+3200	54715	47590	870
27	6000	46151	6400	800	4950	—	40946	—	52151	46695	895
	41200	308685		15550	24650	7120	287895	+3200	353085	335215	949
	121200	995675		78120	29950	27410	911800	+1600	1118475	1047280	936

SA 065817

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July 1980
#11

% Ret		Date	A Broke Used	B Pulps	Storage Tank Ins	C Slab Waste	D Slab Balls	E Reg Prod	F Good Prod	G Storage Tank Adj	A+B+C Total Raw Mat	[illegible] Gross Prod	% Ret
912		71	8400	43694	6200	2900	—	—	26940	—	52094	29840	57.3
953		2	8400	43694	6200	2750	—	—	33630	—	52094	36380	69.8
845		3	6600	39329	7450	2750	—	1280	22200	−(1250)	44679	26230	58.7
		4 5	Holiday "										
913			23400	126717		8400	—	1280	82770	−(1250)	148867	92450	62.1
737		7	7200	43810	7450	7800	—	1350	27110	—	51010	36260	71.1
875		8	7600	50420	7450	3200	—	4000	33610	—	58020	40810	70.3
936		9	6800	44060	7450	1150	—	—	47020	—	50860	48170	94.7
847		10	7600	49153	7450	2250	—	1230	45625	—	56753	49105	86.5
780		11	6400	42350	7450	1650	—	—	44075	—	48750	45725	93.8
1037		12	6000	43100	7450	2550	—	—	36990	—	49100	39540	80.5
1070		13	6000	35525	7450	4900	3660	—	35815	—	41525	44375	106.9
902			47600	308418		23500	3660	6500	270245	—	356018	303905	85.4
975		14	6800	43145	7450	650	4995	3145	33375	—	49945	42165	84.4
970		15	4200	31045	7450	12000	1670	4000	14305	—	35245	31975	90.7
973		16	4500	37941	7450	3900	—	2800	22355	—	42441	29055	68.5
925		17	3900	33267	7450	1100	—	6225	22905	—	37167	30230	81.3
1087		18	3300	31808	6200	800	—	—	25550	+1250	36358	26350	72.5
		19	Dawn										
781			22700	177206		18450	6665	16170	118470	+1250	201156	157775	79.4
975		21	4800	46635	6200	3200	—	—	24770	—	51435	27970	54.4
869		22	3900	43979	6200	1800	—	—	35800	—	47879	37600	78.5
1075		23	3300	41196	6200	800	—	—	41995	—	44496	42795	96.2
880		24	8800	51765	6200	2100	—	—	48265	—	60565	50365	83.2
1099		25	10000	62075	6200	1800	2335	3900	54475	—	72075	62510	86.7
870		26	10000	62175	6200	3100	—	—	59080	—	72175	62180	86.2
895		27	8000	49300	6200	1650	—	—	54950	—	57300	56600	98.8
949			48800	357125		14450	2335	3900	389335	—	405925	340020	83.8
936			142500	969466		64800	12660	27850	790840	—	1111966	896150	80.6

SA 065818

Date

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28

Date

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865819 SA

Trials

January 1979
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SA 865820

Bleached Pulp [illegible] Summary

Date	A H W Bl	A S W Bl	Crosthwaite Bl	477 Bl Celgar	607 Bl Superior	516 Pontiac	487 Marathon	481 Bl Weyerhauser	504 P. Albert	587 Grand Prairie	Broke	Size 87# per yd
1				9540	10140	5100					4000	
2				9540	10140	5100					4000	
3				11448	12168	6120					4800	
4				11448	12168	6120					4800	
5				12402	13182	6630					5200	
6				12402	13182	6630					5200	
7				11448	12168	6120					4800	
				78228	83148	41820					32800	
8				13356	14196	7140					5600	
9				12402	13182	6630					5200	
10				11448	12168	6120					4800	
11				4770	12168	6120	6818				2800	
12					12168			17316			5200	
13					14196			20202			5200	
14					17238			24531			7200	
				41976	95316	26010	6818	62049			36000	
15					18252			25974			7200	
16	6461				2028		13636	14430			6000	
17	8449						11688	16354	5040		6800	
18	7952							15392	16128		6400	
19	7952							15392	16128		6400	
20	7455						1461	17316	18144		7200	
21						4080	8766	17316	18144		7200	
	38269				20280	4080	35551	122174	73584		47200	
22						4080	7792	15392	16128		6400	
23						255	8279	16354	17136		6400	
24							8766	17316	18144		7200	
25							7305	10582	15120	4696	5600	
26			5720				2435		16128	18784	3400	
27			6240						12096	14088	2400	
28			7800						15120	17610	4400	
			10760			4335	34577	59644	109872	55178	35800	
						68770						
	38269		17760	120204	198744	76245	76946	243867	183456	55178	151800	

SA 065821

Grade	Naphtho Sol 87¢ per gal	84¢ per gal	Alpha Sage	Calc Cars	Cabsil	Asbestos Cellulose	Sodium Board	Eta	Zolex	Sage	Clay		Alum	Ultra Cast	#10 Star
4000						2500				250			709		700
4000						2500				250			709		1300
4800						3000				300			850		—
4800						3000				300			850		700
5200						3250				325			921		700
5200						3250				326			921		400
4800						3000				300			850		—
32800						20500				2050			5810		5800
5600						3500				350			992		—
5200						3250				325			921		—
4800						3000				300			850		700
2800						3000				300			850		700
5200								500 333	167	240	4800		850		200
5200								400 1100	550	280	5600		872		400
7200								2266	1134	340	6800		1204		2100
36000						12750		4599	185	2135	17200		6539		7500
7200								3167	1583	360			1079	7200	700
6000								3000	1500	300			834	6000	—
6800								3400	1700	340			845	6800	2100
6400								3200	1600	320	3850		785	2550	4500
6400								3200	1600	320	1600		785	4800	—
7200								3900	1950	360			883	7200	2300
7200								4200	2100	360			883	7200	2400
47200								24067	12033	2360	5450		6094	41750	12000
6400								3900	1950	320			785	6400	3200
6400								4332	2166	340			834	6800	1600
7200								4200	2100	360	3300		883	3900	2400
5600								3500	1750	300	6000		736		700
3400				4800				3767	1883		4800				1000
2400				2400				3867	1933		3600				3700
4400				3500				5000	2500		4500				1000
35800				10700				28519	14282	1320	22700		3298	17100	13600
151800				40700		32250		79094	28142	7845	44750		21681	58850	38900

58 86582

Bleached Pulps #11 January 1979

Brobe	Methyl Vapor	Yellow	Iota	Amain	Calc Carb	Napico Yellow	Sta Lok	Stand	Size	Clay			Alum
7200		1900	1800						315	2600			1275
8800		1100	2700						385	4400			1559
6400		800	2400						280	3200			1215
8400		350	5950						403	2800			1679
7600		—	6650						380	1900			1346
7600		—	6650						380	1900			1346
8000			7900						400	2000			1417
54000		4150	33950						2543	18800			9837
7600		1800	6300						380	1900			1346
7600		2000	7000						400	2000			1417
4800		1100	3850						220	1100			779
8000		2000	7000						400	2000			1286
8000		2000	7000						400	2000			1417
7600		1700	6900						400	2100			1090
8400		—	3900						350	7300			1417
52000		10600	41950						2550	18400			8752
8000		—	4000						350	7000			1199
7600			3800						333	6650			1057
6400			3000						280	5600			872
8000		650	3350						350	7000			1090
8000		1000	3000						350	7000			1090
7200		900	2700						315	6300			981
7600		1100	2900						332	6650			1036
52800		3650	22750						2310	46200			7326
6800		1600	4000						298	5300			927
9000					20700								
6800	375				16600								
6000	400				14400								
4900					10000		600						
5400					5100		850						
4500					4800		800						
43400	775	1600	4000		71650		2250		298	5300			927
					X		X						
[illegible]	[illegible]	[illegible]	[illegible]		[illegible]		[illegible]		[illegible]	[illegible]			[illegible]

SD 065823

Date	a H W Bl	a S W Bl	G. Prairie	477 Bl Algar	487 Bl Marathon	Bl Wyoming	507 Superior	460 Bl Pontiac	Bl Arkansas	Bl Richards	Bl Bruce
1				17772	17532						7200
2				20988	21438						8800
3				15264	15584						6400
4				20234	20454						8400
5				18126	18506						7600
6				18126	18506						7600
7				19080	19480						8000
				128790	131490						54000
8				18126	18506						7600
9				19080	19480						7600
10				10494	10714						4800
11				19080	19480						8000
12				19080	19480						8000
13				19080	19480						7600
14				19080	19480						8400
				124020	126620						52000
15				19080	19480						8000
16	6958			11448	18506						7600
17	7952			7632	15584						6400
18	9940			9540	19480						8000
19	9940			9540	19480						8000
20	994			10494	15584	7696					7200
21					18506	18278					7600
	35784			67734	126620	25974					52800
22						16354	17238				6800
23						33189		11730			9000
24						24531	8619				6800
25						10101	8112	4590	[illegible]		6000
26							9633	9690	[illegible]		4900
27							8619	8670	[illegible]		5400
28			4696				8112	2550	[illegible]	5082	4500
			4696			84175	60333	37230	[illegible]	5082	43400
								33580			
	[illegible]		4696	320544	384730	110149	60333	37230	57456	5082	155400

865824

SA

January 1979

Date	Anselex	Teta	Zeolex	Teta Index	Unisexe								Date
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12													12
13		2000	1000										13
14													14
		2000	1000										
15		8000	4000										15
16		3000	1350										16
17		2000	1000										17
18		3150	1650										18
19													19
20													20
21		2000	1000										21
		18150	9000										
22		15000	7500										22
23		2500	1250										23
24		2500	1250										24
25		2500	1250										25
26													26
27		5000	2500										27
28		7500	3750										28
		35000	17500										
		55160	27500										

SA 065925

Unbleached Pulps #11 January 1979

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SA 065826

January 1979
#11

% Ret	Date	A Brake Used	B Pulps	6200 Storage Tank Inv	C Slab Waste	D Stub Rolls	E Rep Prod	F Good Prod	G Storage Tank adj	A+B+C Total Raw Mat	C+D+E+F Gross Prod	% Ret
98 9	1 1	7200	41319	4950	1750	—	2220	39940	+ 1250	49769	43910	88 2
110 0	2	8800	50501	6200	3100	—	3430	37730	-(1250)	58051	44260	76 3
113 4	3	6400	37528	6200	2000	—	3480	32510	—	43928	37990	86 5
88 4	4	8400	49991	6200	1800	—	1970	40890	—	58391	44660	76 5
105 3	5	7600	45562	6200	650	—	—	43720	—	53162	44370	83 5
102 7	6	7600	45562	6200	700	—	2050	40530	—	53162	43280	81 4
116 8	7	8000	48860	6200	3950	—	4110	33650	—	56860	41710	73 3
106 7		54000	319323		13950	—	17260	268970	—	373323	300180	80 4
102 6	8	7600	47012	4950	1850	—	2150	39290	+ 1250	55862	43290	77 5
96 6	9	7600	49960	6200	2400	—	4000	37440	-(1250)	56310	43840	77 9
110 2	10	4800	27478	4950	4050	—	—	18520	+ 1250	33528	22570	67 3
81 6	11	8000	49960	4950	1900	—	—	36840	—	57960	38740	66 8
70 3	12	8000	49960	7450	1700	—	—	38440	-(2500)	55460	40140	72 4
96 6	13	7600	49660	7450	1150	—	—	40680	—	57260	41830	73 1
67 7	14	8400	50110	7450	650	—	3550	40480	—	58510	44680	76 4
88 2		52000	324140		13700	—	9700	251690	-(1250)	374890	275090	73 4
79 3	15	8000	49910	7450	600	400	2590	44650	—	57910	48240	83 3
87 6	16	7600	47695	6200	3200	—	1300	35920	+ 1250	56545	40420	71 5
78 3	17	6400	40248	4950	3300	—	—	31770	+ 1250	47898	35070	73 2
82 1	18	8000	50310	6200	1700	—	2560	41380	-(1250)	57060	45640	80 0
96 7	19	8000	50310	6200	1200	—	—	43140	—	58310	44340	76 1
80 8	20	7200	44983	6200	3100	—	5760	38320	—	52183	47180	90 4
73 0	21	7600	47766	6200	4150	—	—	41910	—	55366	46060	83 2
82 0		52800	331222		17250	400	12210	277090	+ 1250	385272	306950	79 7
75 7	22	6800	44790	6200	7000	—	4830	27230	—	51590	39060	75 7
80 9	23	9000	65619	6200	8800	—	—	12900	—	74619	21700	29 1
76 7	24	6800	50125	4950	1300	—	—	33880	+ 1250	58175	35180	60 5
100 3	25	6000	46675	6200	3750	—	5000	28060	-(1250)	51425	36810	71 6
56 6	26	4900	49125	4950	5400	—	—	26640	+ 1250	55275	32040	58 0
94 2	27	5400	40375	4950	3300	—	1500	31240	—	45775	36040	78 7
82 8	28	4500	38136	4950	1600	—	—	34360	—	42636	35860	84 1
80 4	29	43400	334845		31050	—	11330	194310	+ 1250	379495	236690	62 4
87 4		202200	1309530		75950	400	50500	892060	+ 1250	1512980	1118910	74 0

SA 065827

January [illegible]
#10

Date	A Brake Used	B Pulps	6400 Storage Tank Ins	C Slab Waste	D Slab Balls	E Ray Prod	F Good Prod	G Storage Tank adj	A+B+G Total Raw Mat	C+D+E+F Gross Prod	% Ret	Date
1	4000	28230	4800	700	1550	5050	26170	+ 1600	33830	33470	98 9	1
2	4000	28830	6400	1200	1750	7080	23260	−(1600)	31230	33290	110 0	2
3	4800	33036	6400	2400	1350	3540	35630	—	37836	42920	113 4	3
4	4800	33736	6400	1900	2000	1820	34050	—	38536	39770	88 4	4
5	5200	36489	6400	1850	2250	—	39780	—	41689	43880	105 3	5
6	5200	38189	6400	600	1920	—	42050	—	43389	44570	102 7	6
7	4800	33036	6400	300	1550	1830	40510	—	37836	44190	116 8	7
	32800	231546		8950	12370	19320	241450	—	264346	282090	106 7	
8	5600	38542	8000	750	1150	1900	39830	−(1600)	42542	43630	102 6	8
9	5200	35789	4800	900	1125	5360	35300	+ 3200	44189	42685	96 6	9
10	4800	33736	6400	800	630	—	39280	−(1600)	36936	40710	110 2	10
11	2800	33876	—	2250	—	5310	27600	+ 6400	43096	35160	81 6	11
12	5200	37524	6400	4900	1540	4500	14580	−(6400)	36324	25520	70 3	12
13	5200	44328	6400	1400	3480	—	42960	—	49528	47840	96 6	13
14	7200	54409	6400	2850	—	8080	30750	—	61609	41680	67 7	14
	36000	278204		13850	7925	25150	230300	—	314204	277225	88 2	
15	7200	57236	8000	500	—	—	49330	−(1600)	62836	49830	79 3	15
16	6000	47355	6400	1770	—	—	46360	+ 1600	54955	48130	87 6	16
17	6800	55871	6400	3100	—	1400	44550	—	62671	49050	78 3	17
18	6400	55492	4800	3950	—	7640	40530	+ 1600	63492	52120	82 1	18
19	6400	50992	6400	2280	—	4500	47180	−(1600)	55792	53960	96 7	19
20	7200	60086	6400	1000	—	—	53340	—	67286	54340	80 8	20
21	7200	64566	6400	600	—	—	51780	—	71766	52380	73 0	21
	47200	391598		13200	—	13540	333070	—	438798	359810	82 0	
22	6400	59162	6400	2200	—	1850	45570	—	65562	49620	75 7	22
23	6400	57264	6400	600	—	2000	48920	—	63664	51520	80 9	23
24	7200	60486	6400	3400	—	4200	44280	—	67686	51880	76 7	24
25	5600	49953	6400	950	—	2090	52650	—	55552	55690	100 3	25
26	3400	59317	4800	8200	1750	3870	22560	+ 1600	64317	36380	56 6	26
27	2400	47924	4800	5800	3500	17500	20600	—	50[illegible]	47400	94 2	27
28	4400	57030	4800	1550	3200	3000	44130	—	61430	51880	82 8	28
	35800	391136		22700	8450	34510	278710	+ 1600	428536	344370	80 4	
	1518	1292484		58700	28745	92520	1083530	+ 1600	1445884	1263495	87 4	

SA 065828

Trials

Date															Date
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Trials February 1979
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SA 065830

Brakes	Reupholstery Size 8.4# per gal	Alpha Size 8# per gal	Cake Carb.	Carbolite	Transcolor Yellow	Green	Tela	Yolof	Size	Clay			Alumina	Ultra Cale	#10 Star
3100			3460				4467	2333		4200					—
6800							1534	766	280	6000			785		1400
5800							1800	900	315	7200			883		500
6000							2000	1000	350	8000			981		800
6800			5550				3400	1700	70	4100			196	2200	1200
6800			5950				3867	1933						5100	800
7200			6300				4200	2100						5400	2200
42500			21200				21468	10732	1015	7950			2845	12700	6900
6000			5750				3832	1918						4500	1700
5600			5600				3734	1866						4200	1200
4000			4000				2666	1334						3000	1400
5200			5200				3466	1734						3900	1600
3600			3350				2400	1200						2700	1400
4800			4200				3200	1600						3600	1000
5200			5250				3467	1733						3900	2000
34400			33350				22765	11385						25800	10300
5200			4460				3467	1733						3550	1000
5200			4600				3467	1733						2400	1600
5200			3900				3467	1733						1550	4500
5600			4200				3733	1867						1400	4500
5200			2400				3633	2567	125			2010		800	2800
5200							3783	3817	825			2210	992		2100
4800							3200	3400	300				916		2800
36400			18900				24700	16850	750				1908	9700	19300
4800							4000	2000	300	600			916		1500
6400							3684	2716	400	150			1221		3200
4800							3067	1533	91	160			915		1300
4800							4199	2101	208	450			916		700
5200							4767	2383	275				992		1200
4400							4633	2017	220				839		
5200							4600	2300	260				992		
35600	[illegible]	[illegible]		[illegible]			30100	15050	1754	1350	7400		6790	[illegible]	7900
11100	[illegible]	[illegible]	72115	[illegible]			[illegible]	56017	3519	30850	[illegible]		45543	48200	44400

Bleached Tulpar #10 Feomary

Date	C N W 13L	467 P. George Bl	477 Celgar	587 Grand Prairie	520 Crestbrook	462 Nakusp	397 Cobby	504 P. Albert	507 Bl Domtar	397 Dryden	Broke		Wt 8.7# per
1-29				24654	14560						3100		
30				28176	16640						6800		
31				31698	18720						5800		
2-1				25241	11960	7854	6749				6000		
2				3522	17160	1386	20247	1008			6800		
3							13895	25200			6800		
4							14292	27216			7200		
				113291	79040	9240	55183	53424			42500		
5							7146	28728			6000		
6							11116	21168			5600		
7							7940	15120			4000		
8							10322		19773		5200		
9							7146		18639		3600		
10							9528		10647	5955	4800		
11							10322			15483	5200		
							63520	66016	44109	21438	34400		
12		7472					8734			10719	5200		
13		12142					15483				5200		
14		12142					15483				5200		
15		13076						21168			5600		
16		12142						19656			5200		
17		12142						19656			5200		
18							9528	18144			4800		
		69116					49528	78624		10719	36400		
19			7632				12704			8764	4800		
20			21942				13498				6400		
21			17172				9528				4800		
22			14787		7800		5558				4800		
23			12402		20280						5200		
24					17160					8734	4400		
25					6240					21041	5200		
			73935		51480		41288			34539	35600		
		69116	73935	113291	130520	9240	209219	197064	44109	66696	148900		

Date	Ashland Bl	409 Bobbie Bingo	507 Bl Domtar	574 Prince Gallyant	524 Marathon	575 Bobbie	5877 Grand Rapids	587 Superior	469 Nakoma	528 Northwood	Brooke	397 Bl Dryden
1 29							18784	16647	5082		6800	
30							22306	10647	7854		7600	
31							19[illegible]	7605	7854	1040	6800	
2 1						47764	14088		8316	9360	7200	
2						18262	[illegible]		10626	11960	9200	
3				16128		7946			8316	1040	7200	
4				16128		6362			7392		6400	
				32256		37318	75136	28899	55440	23400	51200	
5				16128		6362			7392		6400	
6				19152		7543			8778		7600	
7				21672		5966			924		6000	
8			7098	15624		5955					6000	
9			24336			6352					6400	
10			24336			6352					6400	
11		2802	21294			6352					6000	
		2802	77064	72576		44861			17094		44800	
12		11208				3176					3600	
13		21015				5955					6000	
14		23817				6749					6800	
15		28020				1588					6400	
16		9946		20160							6000	
17				20160		7946					6000	
18						12704					6000	12704
		93400		40320		38112					40800	12704
19						14292					7600	14292
20						14292				8320	7200	7946
21						794				17680	5100	
22										17680	5100	
23										15600	4500	3970
24										10400	4500	15880
25											4800	25408
						29378				69680	38800	67490
		96202	77064	145152		149669	75136	28899	72534	93080	175600	80194

Bleached Pulps #11 February 1979

Brooke	397 Dryden	Calgon	Amalgum	Calc Carb	Napiculate Gelatinoc	Starch	Silica	Zelphaze	Clay	Alum
6800					3400			240		872
7600					3800			285		1036
6800					3400			255		927
7200					3600			270		981
9200					4600			345		1254
7200					3600			270		981
6400					3200			240		872
51200					25600			1905		6923
6400					3200			240		872
7600					3800			285		1100
6000					3000			225		1063
6000					3000			225		1063
6400					3200			240		1134
6400					3200			240		1134
6000					3200			240		1134
44800					22600			1695		7500
3600							3200	1200 140	1600	567
6000							3950	2250 225	1700	1063
6800							4250	2550 255	1700	1204
6400							4000	2400 240	1600	1134
6000							3750	2250 225	1500	1063
6000							3750	2250 225	1500	1063
6000	12704						4000	2400 240	1600	1134
40800	12704						20900	15300 1550	11200	7228
7600	14290						4500	900 360	3600	1275
7200	7940						2300	900 360	3600	1275
5100		16264		4200	800		100	50 20	200	71
5100		16218		6150	650					
4500	3970	9540		12300						
4500	15880			10500						
4800	25408			11200						
38800	67490	41022		44350	1450		6900	1850 740	7400	2621
[illegible]	80194	41022		44250	42200	1450	38800	17150 5890	18600	24272

Unbleached Pulps February 1970
#11

Date
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SB 865835

February 1979

Date	Unused	Tita	Zoloto	Tita Solar	Unusage							Date
29		4000	2000									29
30		3500	1750									30
31		1500	750									31
21												21
2		3500	1750									2
3		5000	2500									3
4		2500	1250									4
		20000	10000									
5		2500	1250									5
6		3500	1750									6
7		1400	700									7
8		4500	2250									8
9		2500	1250									9
10		2500	1250									10
11		5000	2500									11
		21900	10950									
12												12
13		2500	1250									13
14		2500	1250									14
15		5000	2500									15
16		2500	1250									16
17		2500	1250									17
18		6750	3600									18
		24250	11100									
19		2500	2250									19
20		5000	1500									20
21		5000	2500									21
22												22
23		5000	2500									23
24												24
25												25
		17500	5750									
		365	46600									

865836 SA

[illegible] February 1978 #10 [illegible]

Date	A Brake Used	B Pulps	Storage Tank Inv	C Slab Waste	D Stub Rails	E Rej Prod	F Good Prod	G Storage Tank Adj	A+B+G Total Raw Mat	C+D+E+F Gross Prod	% Bt	Date
1 29	3100	53814	4800	1200	4310	4880	40270	—	56914	50660	89 0	1 2
30	6800	54796	6400	4500	—	—	40940	-(1600)	59996	45440	75 7	3
31	5800	68133	6400	260	—	—	55575	—	66933	55825	83 4	3
2 1	6000	63954	6400	350	—	—	55810	—	69954	56160	80 3	2 1
2	6800	61543	6400	14100	1200	4820	28900	—	68343	49020	71 7	2
3	6800	56745	6400	2400	2750	—	46830	—	63545	51980	81 8	3
4	7200	61708	6400	1850	2900	—	48660	—	68908	53410	77 5	4
	42500	413693		24650	11160	9700	316986	-(1600)	454593	362495	79 7	
5	6000	53574	6400	2350	1960	8530	30560	—	59574	43390	72 8	5
6	5600	48884	8000	5700	2050	—	37260	-(1600)	52884	45010	85 1	6
7	4000	35460	4800	6100	1350	2490	17000	+ 3200	42660	26940	63 2	7
8	5200	45995	6400	2350	3000	1200	39030	-(1600)	49595	45580	91 9	8
9	3600	31885	6400	8250	700	—	12000	—	35485	20950	59 0	9
10	4800	39730	6400	1900	2600	1260	42150	—	44530	47910	107 6	10
11	5200	42155	6400	3200	2100	—	37480	—	47355	42780	90 3	11
	34400	297683		29850	13750	13480	215480	—	332083	272560	82 1	
12	5200	41075	6400	2750	2100	2340	37160	—	46275	44350	95 8	12
13	5200	40825	6400	2150	2200	—	38860	—	46025	43210	93 9	13
14	5200	42775	6400	2100	2575	1260	35890	—	47975	41825	87 2	14
15	5600	49944	6400	650	3200	—	48190	—	55544	52040	93 7	15
16	5100	44123	8000	3250	1800	4520	28630	-(1600)	47623	38200	80 2	1
17	5200	41773	8000	4050	—	—	37720	+	46973	41770	88 9	17
18	4800	37372	8000	3700	—	1290	36030	—	42172	41020	97 3	18
	36300	297887		18650	11875	9410	262480	-(1600)	332587	302415	90 9	
19	4800	33500	4800	4750	—	—	28380	+ 3200	41500	33130	79 8	19
20	6400	47340	6400	2900	—	—	35000	-(1600)	52140	37900	72 7	20
21	4800	32841	6400	6070	—	4200	21460	—	37641	31730	84 3	2
22	4800	35803	6400	8500	—	1520	15400	—	40603	25420	62 6	22
23	5200	41307	8000	1400	—	2720	42640	-(1600)	44907	46760	104 1	23
24	4400	32164	8000	1900	—	2660	29210	—	36564	33770	92 4	24
25	5200	34441	8000	3300	—	1360	34910	—	39641	39570	99 8	25
	35600	257396		28820	—	12460	207000	—	292996	248280	84 7	
	148500	1266659		101970	36785	45050	1001945	-(3200)	1412259	1185750	84 0	

EA 065837

February 1979 #11

No. Bat	Date	A Broke Hard	B Chips	Storage Tank Ins	Glas Waste	C Stub Rolls	D Ry Fibe	Good Prod	E Storage Tank day	Total Raw Mat	Gross Prod	% Fit
890	29	6800	38153	4950	600	+	3600	20520	—	44953	24720	55 0
757	30	7600	44892	4950	1700	+	2440	33620	—	52492	37760	71 9
834	31	6800	40112	6200	2200	—	1000	34460	-(1250)	45662	37660	82 5
803	21	7200	40398	4950	1200	—	—	40380	+ 1250	48848	41580	85 0
717	2	9200	45793	6200	1700	—	9500	21160	-(1250)	53743	32360	60 2
818	3	7200	37294	6200	1800	—	3400	32760	—	44494	37700	85 3
775	4	6400	33312	6200	3600	—	3120	30960	—	39712	37680	94 9
797		51200	279954		12800	+	23060	213860	-(1250)	379904	249720	75 7
728	5	6400	33312	6200	2600	+	5600	23620	—	39712	31820	80 1
851	6	7600	39558	6200	1400	+	7430	30730	—	47158	39560	83 7
632	7	6000	31776	4950	2400	—	—	33700	+ 1250	39026	36100	92 5
919	8	6000	31902	6200	3000	+	—	39200	-(1250)	36650	42200	115 1
590	9	6400	34128	6200	3850	+	—	35600	—	40528	39150	97 3
1076	10	6400	34128	6200	1400	+	1850	33090	—	40528	36340	89 7
903	11	6000	33888	6200	400	+	—	43460	—	39888	43860	110 0
821		44800	238692		15050	+	14880	239460	—	283492	267350	95 0
958	12	3600	20524	6200	—	+	—	—	—	24124	—	—
939	13	6000	35095	6200	2000	+	8390	30290	+	41095	40680	99 0
872	14	6800	39321	6200	2350	+	—	37620	—	46121	39970	86 7
937	15	6400	37848	6200	2800	+	+	39440	+	44248	42440	95 9
802	16	6000	37225	4950	1000	+	+	37200	+ 1250	44475	38200	85 9
889	17	6000	35825	4950	2800	+	+	37760	+	41825	40560	97 0
973	18	6000	33648	4950	800	+	+	43300	+	39648	44100	111 2
909		40800	239486		11750	+	8390	225810	+ 1250	281536	245950	87 4
798	19	7600	37944	4950	1900	+	4685	28835	+	45544	35420	77 8
727	20	7200	37712	4950	1000	+	2020	42940	—	44912	45960	102 3
843	21	5100	39108	6200	500	—	1400	42760	-(1250)	42958	44660	104 0
626	22	5100	40698	4950	600	+	+	39320	+ 1250	47048	39920	84 9
1041	23	4500	41410	7450	1900	+	—	39060	-(2500)	43410	40960	94 4
924	24	4500	36780	7450	1200	+	+	41780	—	41280	42980	104 1
998	25	4800	36608	7450	1300	+	+	44520	—	41408	45820	110 7
847		38800	270260		8400	+	8105	279215	-(2500)	306560	295720	96 5
[illegible]		[illegible]	1028592	[illegible]	[illegible]	[illegible]	54435	958285	-(2500)	1201492	1060720	88 [illegible]

08583 SH

Trials

March 1979
#11

Date	Dryden	Lasal	Celgar	Teta	Clay	Calc Carb	Stalok	Zeolex	Sodium Bicarb	Bra
2 26										
27										
28										
3 1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
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17										
18										
19										
20										
21										
22										
23										
24										
25										
26										
27		4032				300	100		11-1014	
28										
29										
30	10322		12402	4350	6250	3200	1300	1300	130	390
31								10-11-0922		
4 1										
	10322	4032	12402	4350	6250	3600	1400	1300	130	390
	[illegible]	[illegible]	[illegible]	[illegible]	6250	3500	1400	1300	130	390

SA 065839

March
#10

Date	Date
2 26	2 26
27	27
28	28
3 1	3 1
2	2
3	3
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6	6
7	7
8	8
9	9
10	10
11	11
12	12
13	13
14	14
15	15
16	16
17	17
18	18
19	19
20	20
21	21
22	22
23	23
24	24
25	25
26	26
27	27
28	28
29	29
30	30
31	31
4 1	4 1

065840
5A

Bleached Tulips #10 March 17 17

Date	Crestbrook	Calgary	George	Superior	Desert	Kamloops	Dunbar	Dryden	Eddy	Bruce
	477	467	507	504	481	507	397	397		
	12c	12c	P							
26							20280	9925		5200
27										
28						32227	9126			6800
1						31245				4400
2						38480				6400
2						24050	12675			5600
4							40660			6400
						126022	82641	9925		34800
5					13608		29406			6000
6					42840					4800
7				22308	7560				18263	8400
8				32956					13895	6400
9				35490						5600
10			4670	38025						6800
11			39695							6800
			44365	128778	64008		29406		32157	44800
12			35025							6000
13		11448	38487							6800
14		25758	16812							7200
15		20034	13076							5600
16		22896	4670						8734	6400
17		34387							13498	6800
18	4160	18603							7146	5200
	4160	123066	98070						29378	44000
19	14560	20034								5600
20	15600	21465								6000
21	16640	22896								6400
22	3120	15741		8112						4400
23		22896		16224						6400
24		20034		14196						5600
25		21465		15210						6000
	49920	144531		53742						40400
26	14196	20034								5600
27		18603		13182						5200
28				16224	24192					6400
29				12168				14292		4800
30		7155		11154				17071		6400
31		24327						13498		6400
1 1		38637						1588		6400
	14196	108756		52728	24192			46449		41200
	76	376353	142435	235248	88200	126022	112047	56374	61535	105200

Sum S. Thompson

865841 SA

Burton	Alpha Soap	Tate Carb	Cobalt	Aluminum Yellow	Carb	Tita	Zylia	Soap	Clay	Alum	Ultra Gate	4.10 St
52000						3900	1950	260		992	1950	2100
6800						5100	2550	340		1133	2550	700
44400						3900	1950	260		779	1950	1000
6400						4800	2400	320		959	2400	800
56000						4500	2250	300		899	2250	1700
6400						6367	3183	320		897	300	1600
34800						28567	14283	1800		5661	11400	7900
6000						5567	2783	340		1036	2250	900
48000						3634	1816	340		1204	2550	800
8400						3933	1967	420		1488	4650	800
6400						3000	1500	400		1379	4700	1400
5600						2800	1400	280		916	2800	1400
6800						3633	1817	340		1112	3400	1800
6800						3967	1983	340		1112	3400	1700
44800						25534	12766	2460		8247	23750	8800
6000						3200	1600	300		981	3000	1800
6800						3567	1783	340		1112	3400	1000
7200						3000	1500	360		1177	3600	2100
5600						2767	1383	280		916	4200	1100
6400						3200	1600	320		1046	4800	—
6800						3400	1700	340		1112	5100	1600
5200						2600	1300	260		850	3900	3100
44000						21734	10866	2200		7194	28000	10700
5600						2800	1400	280	4200	916		2400
6000						3000	1500	235	4500	981		1200
6400						3200	1600	240	4800	1046	2600	2800
4400						2200	1100	165	[illegible]	719	3300	1200
6400						3200	1600	240		1046	4800	1800
5600						2800	1400	238		916	4200	1800
6000						3000	1500	263		981	4500	2400
40400						20200	10100	1661	11000	6605	19300	13600
5600						2467	1233	245	4200	916		3300
5200						2467	1233	228		851	3900	2100
6400						2800	1400	280		1046	4800	2800
4800						2300	1150	210		785	3600	3300
6400						3200	1600	280		1047	4800	2900
6400						3400	1700	298		1112	5100	1000
6400						5400	2700	298		1112	3400	600
41200						20344	11016	1839	4200	6869	25600	16000
[illegible]						190195	95583	996	15200	34576	108050	57000

Nepheline Syenite 8.7# per gal

8# per gal

SR 065842

Bleached Pulps #11 March 1977

Broke	Celgar	Crestbrook	Sodium Bicarb	Soda Carb	Mexico Alba	Sta Fe	Tarahita	Sta Rita	Zolon	Sage	Clay	Alum
3690				9100								
8400					4200					400		1526
6400					3200					320		1221
6800					3400					340		1297
7200					3600					360		1373
6800					3400					313		1177
39200				9100	17800					1733		6574
7200					3600					315		1308
6000					3000					263		1046
6400					3400					298		1112
7600					3600					316		1319
7200					3600					315		1373
6800					3400					298		1112
7600					3800					333		1243
48800					24400					2137		8513
7200					3600					315		1177
6800	4293				3400					298		1112
7200	7632				3200					280		1046
6800	20988				3400					298		1112
5600	19080				3000					263		981
6400	14310							2250		263	6000	899
7600	8586	15600						2850		333	7600	1139
47600	74889	15600			16600			5100		2050	13600	7466
6800		17680						4000		298	6850	1020
6800		17680						3300	1500	298	5950	1019
6800		16640						2550	1700	378	5950	1019
4400								2550	1700	383	5950	1019
6600	7155			4500				1800	1000	270	4200	720
5700	25758			14700								
4800	24327			3900		800						
41900	57240	52000		23100		800		14200	5900	1627	28400	4797
5400	25758			3000		900						
4500	2985		110	2250		200		2200	1100		1650	
4800			160	3050				3200	1600		2400	
4200	6678		80	3700		350		1600	800		1200	
2000	3816				950					90		246
7200	21942				3600					405		1079
6400	30528				3200					360		959
34500	91107		350	12000	7750	1450		7000	3500	855	5250	2278
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	29648

SA 065843

Date	AHW Bl	467 P. George	397 Eddy	504 P. Albert	462 Tabeola	481 Highhouse Lambogo	507 Dunbar Bl	397 Dryden Bl	507 Superior	Brake	477 Bl Celger
2							13689	9925		3600	
27											
28					7392	23088	8112			8400	
31					7392	23088				6400	
3					7854	24531				6800	
3					4168	30303				7200	
4						9620	24836			6800	
					26796	110630	46137	9925		39200	
5				6048			30420			7200	
6				30240						6000	
7			6352	2016					24336	6400	
8			14292						18252	7600	
9					6006				29913	7200	
10					7854				25857	6800	
11		21482			8778				5577	7600	
		21482	20644	38304	22638		30420		103936	48800	
12		25218			8316					7200	
13		19614			7854					6800	4293
14		14944			7392					7200	7632
15		11208								6800	20988
16			7940							5600	19080
17			11940							6400	14310
18			3176			9620				7600	8586
		70984	23026		23562	9620				47600	74889
19						16354				6800	
20						16354				6800	
21				1008		16354				6800	
22				17136		16354				4400	
23				12096		13949				6600	7155
24						8658				5700	25758
25						8177				4800	24927
				30240		96200				41900	57246
26						8658				5400	25758
27				27216		481				4500	23815
28		Cons of Dryden & RA		32256						4800	
29								18262		4200	6678
30								3176		2000	3816
31								10322		7200	21942
41										6400	30528
				59472		9139		31760		34500	91107
		92466	43670	128016	72996	225589	76557	41685	103935	212000	223236

865844

SA

Bleached Pulps #11 March 1979

Broke	Celgar	Crestbrook	Barr	Carb	Mexico Alba	Sta Fe	Stand	Sta	Zolin	Sage	Clay	alum
3690				9100								
8400					4200					400		1526
6400					3200					320		1221
6800					3400					340		1297
7200					3600					360		1373
6800					3400					313		1177
39200				9100	17800					1733		6594
7200					3600					315		1308
6000					3000					263		1046
6400					3400					298		1112
7600					3600					316		1319
7200					3600					315		1373
6800					3400					298		1112
7600					3800					333		1243
48800					24400					2137		8513
7200					3600					315		1177
6800	4293				3400					298		1112
7200	7632				3200					280		1046
6800	20988				3400					298		1112
5600	19080				3000					263		981
6400	14310							2250		263	6000	899
7600	8586	15600						2850		333	7600	1139
47600	74889	15600			14600			5100		2050	13600	7466
6800		17680						4000		298	6250	1020
6800		17680						3300	1500	298	5950	1019
6800		16640						2560	1700	378	5950	1019
4400								2660	1700	383	5950	1019
6600	7155			4500				1800	1000	270	4200	720
5200	25758			14700								
4800	24327			3900		800						
41900	57240	52000		23100		800		14200	5900	1627	28400	4797
5400	25758			3000		900						
4500	2385		110	2250		200		2200	1100		1650	
4800			160	3950				3200	1600		2400	
4200	6678		80	3700		350		1600	800		1200	
2000	3816				950					90		246
7200	21942				3600					405		1079
6400	30528				3200					360		959
34500	91107		350	12000	7750	1450		7000	3500	855	5250	2278
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	29648

SA 865845

Unbleached Pulps March 1977

Date	
2	26
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SA 065846

March 1918

Date	Clerk	Letters	Zyklon	Letters Orders	Unassigned							Date
26		3000	1750									26
27												27
28		5000	2500									28
1		5000	2500									31
2		2500	1250									2
3		5000	2500									3
4		5000	2500									4
		25000	13000									
5		5000	2500									5
6		4950	2650									6
7		2500	1250									7
8		2400	1250									8
9		2500	1250									9
10		2500	1250									10
11		2500	1250									11
		22350	11400									
12		5000	2500									12
13		4950	2650									13
14		2500	1250									14
15		4450	2250									15
16												16
17												17
18		2500	1250									18
		19400	9900									
19		1250	2500									19
20		1250	2500									20
21		1250	2500									21
22												22
23		1250	2500									23
24		2500	4500									24
25		1250	3500									25
		18000	8750									
26		1250	2500									26
27		2500	5000									27
28		1250	2500									28
29		1300	2550									29
30		1250	2500									30
31		1250	2500									31
4/1		1550	2850									4/1
		20400	10350									
		105850	53400									

065847 SA

March, 1979 — 4 10 — up —

Date	A Broke Used	B Pulps	8000 Storage Tank Inv	C Slab Waste	D Stub Rails	E Rej Prod	F Good Prod	G Storage Tank adj	A+B+G Total Raw Mat	C+D+E+F Gross Prod	% Ret	Date
2 26	5200	40365	6400	1450	—	—	42170	+1600	47165	43620	92 5	2 26
27	Down											27
28	6800	52693	8000	3100	—	3780	39700	-(1600)	57793	46580	80 6	28
3 1	4400	40325	6400	900	—	—	38590	+1600	46325	39490	85 3	3 1
2	6400	49200	6400	3230	—	—	49260	—	55600	52490	94 4	2
3	5600	47725	6400	1550	—	1300	47810	—	53325	50660	92 6	3
4	6400	52330	6400	1650	—	—	49790	—	58730	51440	88 7	4
	34800	282538		11880	—	5080	267320	+1600	318938	284280	89 8	
5	6000	54864	4800	1200	—	—	49350	+1600	62464	50550	80 9	5
6	4800	51980	4800	4650	—	1500	45640	—	56780	51790	91 2	6
7	8400	59900	6400	1500	—	—	54420	-(1600)	66700	55920	83 8	7
8	6400	57850	6400	1050	—	—	53520	—	64250	54570	84 9	8
9	5600	44170	6400	4750	—	—	44660	—	49770	49410	99 3	9
10	6800	53685	6400	1050	—	4250	44800	—	60485	50100	82 8	10
11	6800	51085	6400	2550	—	6770	41470	—	57885	50790	87 8	11
	44800	373524		16750	—	12520	333860	—	418324	363130	86 8	
12	6000	44925	6400	3200	—	—	43710	—	50925	46910	92 1	12
13	6800	50025	8000	600	—	—	53980	-(1600)	55225	54580	98 8	13
14	7200	53130	6400	1400	—	—	50780	+1600	61930	52180	84 3	14
15	5600	42840	6400	900	—	—	42620	—	48440	43520	89 9	15
16	6400	46220	8000	1500	—	—	49520	-(1600)	51020	51020	100 0	16
17	6800	49965	8000	900	—	—	49720	—	56765	50620	89 2	17
18	5200	41069	8000	3250	—	2340	30800	—	46269	36390	78 7	18
	44000	328174		11750	—	2340	321130	-(1600)	370574	335220	90 5	
19	5600	45674	8000	900	—	—	43165	—	51274	44065	85 9	19
20	6000	47500	6400	3250	—	2250	46050	+1600	55100	51550	93 6	20
21	6400	52176	4800	1100	—	—	52760	+1600	60176	53860	89 5	21
22	4400	34938	6400	750	—	—	30420	-(1600)	37738	31170	82 6	22
23	6400	50760	6400	750	—	5000	45380	—	57160	51130	89 5	23
24	5600	44668	6400	2750	—	—	48300	—	50268	51050	101 6	24
25	6000	48338	6400	2100	—	2150	45590	—	54338	49840	91 7	25
	40400	324054		11600	—	9400	311665	+1600	366054	332665	90 9	
26	5600	45675	6400	1750	—	4600	41980	—	51275	48330	94 3	26
27	5200	41913	6400	2850	—	—	41340	—	46913	44190	94 2	27
28	6400	52496	6400	3950	—	3220	46520	—	58896	53690	91 2	28
29	4800	37020	4800	4500	—	—	34140	+1600	43420	38640	89 0	29
30	6400	48160	4800	150	—	—	56060	—	54560	55210	101 2	30
31	6400	49323	4800	1100	—	—	54995	—	55723	56095	100 7	31
4 1	6400	52623	8000	2400	2950	2400	39400	-(3200)	55823	47150	84 5	4 1
	41200	327010		16700	2950	10220	313435	-(1600)	366610	343305	93 7	
	205200	1635300		68680	2950	39560	1547410	—	1840500	1658600	90 1	

Totals

SA 065848

March, 1979

Rate	Date	A Broke Used	B Pumped	7450 Storage Tank Inv.	C Flas Waste	D Stus Costs	E Rep Paid	F Gas Prod	G Storage Tank Adjustment	H Net	I Price	J Rate
925	26	3600	32714	4950	600	+	—	38400	+2500	38811	39000	105
806	27 28	8400	43192	7450	3060	+	—	33160	-(2500)	49092	36000	73
853	31	6400	34000	6200	1700	+	—	38060	+1250	41650	37760	95
944	2	6800	36125	6200	1550	—	—	38185	—	42925	35735	82
926	3	7200	38421	6200	1090	—	—	39360	—	45621	40360	88
887	4	6800	37669	6200	400	—	—	41475	—	44469	41875	94
898		39200	222121		8310	—	—	229440	+1250	261571	[illegible]	[illegible]
809	5	7200	40383	4950	1600	—	—	40870	+1250	48833	42470	87
912	6	6000	33503	6200	3300	+	—	34380	-(1250)	38253	37680	98
838	7	6400	36402	4950	1900	+	3765	35075	+1250	44955	40140	91
849	8	7600	36459	4950	1100	+	—	37200	—	44059	38300	86
973	9	7200	39834	6200	2400	+	6500	34425	-(1250)	45784	43325	94
828	10	6800	37409	6200	600	+	1670	41375	—	44209	43645	98
878	11	7600	39970	6200	2800	+	—	38510	—	47570	41310	86
868		48800	263960		1310	+	11935	261835	—	312760	286870	91
921	12	7200	37449	6200	1300	—	3610	31485	—	44649	36395	81
988	13	6800	35459	6200	600	+	1965	37770	—	42259	40235	95
843	14	6400	33448	6200	600	+	3485	33745	—	39848	37800	94
899	16	6800	35894	6200	800	+	+	38525	+	42694	39325	92
1000	16	5600	30983	6200	880	1770	1690	35535	+	35883	39875	111
892	17	6400	34733	6200	100	1410	1155	23385	+	41133	26000	63
787	18	7600	47765	6200	+	2495	+	47010	+	55365	49505	89
905		46800	255031		4180	5675	11895	247455	+	301831	267205	89
858	19	6800	44682	6200	4000	1160	1130	26305	—	51482	32595	63
936	20	6800	46082	6200	900	+	3730	42365	—	51882	46995	70
895	21	6800	44580	4950	1400	+	+	39975	+1250	52630	41375	78
826	22	6800	44073	6200	1100	+	+	44850	-(1250)	49623	45250	92
895	23	6600	44970	6200	8500	+	3250	34600	+	51570	41360	80
1016	24	5700	49116	6200	2400	+	+	41866	+	54816	44265	80
927	25	4800	37204	6200	2400	+	+	36679	+	42004	39075	93
909		44300	309707		15700	1160	8110	266655	—	354[illegible]	291605	82
943	26	5400	38316	6200	950	+	+	40335	+	43716	41285	94
942	27	[illegible]	42[illegible]	6200	5300	570	7230	17805	+	47124	30905	65
912	28	4800	43666	6200	600	1900	—	35400	—	47466	37200	79
890	29	4200	32670	6200	4150	1200	+	22850	+	36870	28200	76
1012	30	5700	47286	6200	12450	+	3800	12370	+	53186	28560	53
1007	31	7200	36269	6200	1300	+	1740	34265	+	43469	37305	85
845	41	6400	34088	4950	200	+	—	38545	+1250	41738	38745	92
937		39000	273319		24950	3670	12770	201510	+1250	313569	242900	77
901		278100	1324138		66240	10505	44710	1206095	+12500	1544738	1327550	85
		[illegible]	42686		11860		3800	11410		47586	37660	
		[illegible]	[illegible]		[illegible]	[illegible]	40910	1194188		1499762	1800490	86

SA 065849

Trials April 1979 #11

Broke	Date	P albert	Eddy	Sta Loc	Calc Carb	Broke
	42					
	3					
6660#	4 5					
3000	6					
	7					
	8					
3000						
	9					
	10 11					
	12					
	13					
	14					
	15					
	16					
	17					
	18					
	19					11-1024 1540#
	20	6048	1588	250	650	1200
	21					
	22					
		6048	1588	250	650	1200
	23					
	24					
	25					
	26					
	27					
	28					
	29					
		6048	1588	250	650	1200

SA 065850

Trials

Spread #16

Date			Domtar	Pine Albert	Creston		Ile	Zeolite	Zeolite #130	Sulphur Bar	Oil Cake	Other Cake Clay		Broke		Date
4 2																4 2
3																3
4 5												10-0 9237		4660		4 5
6			1014	15120	9360		3433	1717	1000	100	2350	4000		3000		6
7																7
8																8
			1014	15120	9360		3433	1717	1000	100	2350	4000		3000		
9																9
10																10
11																11
12																12
13																13
14																14
15																15
16																16
17																17
18																18
19																19
20																20
21																21
22																22
23																23
24																24
25																25
26																26
27																27
28																28
29																29
			1014	15120	9360		3433	1717	1000	100	2350	4000		3000		

865551 SA

Bleached Pulps #75 April 1979

Date	a HW Bl	a SW Bl	587 Grand Prairie	477 Celgar	504 Prince Albert	520 Crestbrook	507 Domtar Bl	Eddy	481 Weyerhaeuser	Superior	Broke
1				24804	16632						6800
3				14310	23688	1560					6400
4					10080	15600					4000
5					15120	23400					5600
6					4536		3042				1600
7					20160		22815				6800
8					16128		24336				6400
				39114	106344	40560	50193				37600
9					16128		24336				6400
10					11088		16731				4400
11					16128		24336				6400
12					12096		18252				4800
13				28620	20160						8000
14				24327	17136						6800
15				22896	16128						6400
				75843	108864		83655				43200
16				22896	16128						6400
17				10017	22176			7940			6800
18					22680			11910			6000
19					13608			7146			3600
20					19656			10322			5200
21					22680			11910			6000
22					15120			11910	7215		6000
				32913	132048			61138	7215		40000
23								11116	20202		5200
24				11448					17316		5200
25				7632					25012	3549	1600
26				2862					24531	14196	4000
27				18603						13182	5200
28				20034						14196	5600
29			11740	20034						4056	5600
			11740	80613				11116	87061	49179	32400
			11740	228483	347256	40560	133848	72254	94276	49179	153200

SA 065852

Brake	Alpha Sage	Calc Carb	Sabolite	Magnesia yellow	Barium Barite	Ita	Zinc	Lac	Clay	Ultra Cote	Alum	# Ita
	Camphor Sage 5 # per gal											
												# per gal
6800						4534	2266	298		3400	1111	1000
6400						4267	2133	280		3200	1046	1000
4000						2667	1333	175		2000	654	1000
5600						2833	1417	263		4400	981	1000
1600						500	250	53		900	196	3000
6800						3500	1750	298		5100	1112	—
6400						4267	2133	281		2600	1046	—
37600						22668	11333	1648		21600	6146	7000
6400						5333	2667	280		1600	1046	1000
4400						3667	1833	193		1100	719	1000
6400						3000	1500	280		4400	1047	1000
4800						2000	1000	210	3600		785	1200
8000						3333	1667	350	6000		1308	3000
6800						2833	1417	298		5100	1112	—
6400						2667	1333	280		4800	1046	—
43200						22833	11417	1891	9600	17000	7063	2400
6400						3200	1600	280		4800	1046	—
6800						5666	2834	298	3400		1112	800
6000						5000	2500	263	5250		981	900
3600						3000	1500	158	3150		589	2400
5200						334	166	228	1700		850	800
6000								368	1500		981	200
6000						12 mo.		375	1700		981	260
40000						17200	8600	1770	16700	4800	6540	9500
5200								350	2100		916	2700
5200						4166	2083	300	1100		785	3600
1600						2772	1386	430		2050	981	3000
4000						4595	2298	510	2550		1112	5800
5200						4837	2419	390		750	850	2500
5600						3319	1660	420			916	2600
5600						5713	2856	420			916	5800
32400						25201	12600	3822	5750	2800	6476	23000
						87902	43951					
152700						47801	31209	8829	32050	46200	26225	46900

SA 865853

Bleached Pulps #11 Apr 6. 1979

Brake	467 Prencer Energy	Sodium Borate	Soda Carb	Pyrasco Yellow	Sta Fac	Starch	Talc	Grip	Sizer	Clay	Calcium
7200				3600					405		1079
7200				3600					405		1079
6400				3200					360		959
5600				2800					315		839
6400				3200					360		959
6800				3400					383		1019
6800				3400					383		1019
46400				23200					2611		6953
7600				3800					428		1139
6400				3200					360		959
6400				3400					383		1019
5200							3850		255	3400	1019
5400							1900		270	3600	1079
6000			4800		800		600		45	600	180
5100			5100		850						—
42700			9900	10400	1650		6250		1741	7600	5395
4500			4450		250						
4500			10200								
5100			11900								
5100			11900								
3900			6650		300						
6800			1000		50		2600	1300	228	2600	779
8800							3300	2150	473	4400	1319
38700			52800		600		5700	3450	701	7000	2098
8400							3150	2100	515	4200	1259
7200							2800	1800	450	3600	1079
6800							3400	1700	405	3400	1019
6000							3300	1500	375	2950	899
7600							5700	1900	475	900	1139
7200							6100	1800	400		1079
7600	3736						3950	1200	380	1750	1139
50800	3736						28400	17000	3020	16800	7613
178000	3736		237000	33100	2250		44150	5100	8073	31400	22059

SA 06584

Date	497 A H W Bl	587 Grand Prairie	4779 Calgary	462 Nakeola	526 Crestbrook	[illegible] Albert	507 Domtar	397 Eddy	507 Superior	Weyhauser	Brake	467 Princ Georg
42			31482	2772							7200	
3			21465	8316	4680						7200	
4				7392	24960						6400	
5				6468	21840						5600	
6				7392	14046	10584					6400	
7				7854		15120	10647				6800	
8				7854			25857				6800	
			52947	48048	65520	25704	36504				46400	
9				8778			28899				7600	
10				5082			24336	1985			6400	
11							25857	6749			6400	
12						25704		6749			5200	
13						27216		7146			5400	
14						28728		7543			6000	
15				[illegible]		25704		6749			5100	
				13860		107352	79092	36921			42100	
16						24192		6352			4500	
17			6678			12096		8734			4500	
18						25704		6749			5100	
19						25704		6749			5100	
20			4293			15120		5161			3900	
21			19557					12307			6800	
22			20988					17468			8800	
			51516			102816		63520			38700	
23			20034					16674			8400	
24			17172					4764	12168		7200	
25			8586						17238	7696	6800	
26									15210	14430	6000	
27			12402						19266	5772	7600	
28		10566	17172						9126		7200	
29		22306	14310								7600	3736
		32872	89676					21438	73008	27898	50800	373[illegible]
		32872	194139	61908	65520	235872	115596	121879	73008	27898	178000	373[illegible]

SA 065855

April 1914

Date	Amalex	Tita	Zealex	Tita India	Unisize								Date
42		9500	5250										42
3		2550	1250										3
4		2500	1250										4
5		3200	1250										5
6		5000	2500										6
7		5000	2500										7
8													8
		27750	14000										
9		5000	2500										9
10													10
11													11
12													12
13		2500	1250										13
14		2500	1250										14
15		3500	1750										15
		13500	6750										
16		4750	2850										16
17		3000	1500										17
18													18
19													19
20													20
21		3200	1600										21
22		2100	1000										22
		13050	6950										
23		2500	1250										23
24		2350	1400										24
25		7350	3700										25
26		7500	3750										26
27		2500	1250										27
28		4500	2500										28
29		5000	2500										29
		31700	16350										
		86000	44050										

SA 065856

Unbleached Pulps April 1979

Date
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SA 065857

April 1979 #11

To Cat	Date	A Broke Used	B Pulps	4950 Strong Tank Ins	C Sins Waste	D Liquid Resin	E Rel Tank	F Total Prod	G Strong Tank Adj	Total Equivalent Product	Equivalent Prod	Cat
899	42	7200	38259	6200	450	—	—	41280	-(1250)	44209	41730	944
920	3	7200	38466	6200	3150	—	—	35695	—	45666	38545	851
510	4	6400	35912	4950	4200	—	5180	26350	+ 1250	43562	35730	820
943	5	5600	31423	4950	3900	—	—	29740	—	37023	33640	909
654	6	6400	35572	4950	2000	—	1900	32125	—	41976	36025	858
889	7	6800	37464	4950	950	—	200	41725	—	44204	42875	970
882	8	6800	37494	4950	400	—	—	41410	—	44294	41810	923
814		46400	254534		15050	—	7280	248325	—	300334	276656	899
912	9	7600	41905	4950	400	—	—	41745	—	49505	42145	851
917	10	6400	34963	4950	2100	—	7115	28535	—	41363	37750	913
920	11	6400	36389	4950	400	—	—	40810	—	42789	41210	835
890	12	5200	39958	4950	1150	800	9490	20180	—	45158	31620	700
767	13	5400	40122	4950	4650	300	3500	41400	—	45522	49750	1093
833	14	6000	43116	4950	1900	—	—	35746	—	49116	37646	767
1021	15	5100	38403	4950	1000	—	—	36110	—	43503	37110	853
899		42100	274866		11500	1100	20105	244526	—	316966	277231	875
575	16	4500	41944	6200	3700	—	—	31678	-(1250)	45194	35378	783
911	17	4500	37708	6200	3500	—	—	28070	—	42208	31570	748
871	18	5100	44353	6200	1200	—	—	37050	—	49453	38250	774
719	19	5100	44353	6200	1050	—	—	39745	—	49453	40795	825
995	20	5100	40060	6200	1000	—	—	31045	—	45160	32045	710
1087	21	6800	39440	6200	2050	900	—	37400	—	46440	40350	869
1071	22	8800	48779	6200	750	2425	—	44410	—	57579	47585	827
882		39900	296839		13250	3325	—	249398	-(1250)	335489	265973	793
1038	23	8400	46673	6200	3750	2570	3450	40980	—	55073	50750	922
791	24	7200	42754	6200	1000	1995	1300	37315	—	49954	41610	833
912	25	6800	42445	6200	200	2350	—	43155	—	49245	45705	928
895	26	6000	37765	4950	1200	2100	5015	33880	+ 1250	45015	42195	937
1204	27	7600	46445	4950	850	2090	—	43055	—	54015	45995	852
1152	28	7200	45164	4950	850	2150	—	42330	—	52364	45330	866
1073	29	7600	47632	6200	1650	2220	—	41215	-(1250)	53982	45085	835
1009		50800	308848		9500	15475	9765	281930	—	359648	316670	881
904		179200	1135087		49300	19900	37150	1024179	-(1250)	1313037	1130529	861
	Trials	1200	8536					-1540		9936	-1540	
Total		178000	1126551					1022639		1303301	1128989	

SA 86858

April 1979 #10

Date	A Brake Used	B Pulps	8000 Storage Tank Inv	C Slab Wade	D Stub Rolls	E Rep Prod	F Good Prod	G Storage Tank Adj	A+B+G Total Raw Mat	C+D+E+F Gross Prod	% Ret		Date
42	6800	52934	6400	1200	1930	—	52020	+1600	61334	55150	899		42
3	6400	50438	6400	1200	—	—	51060	—	56838	52260	920		3
4	4000	32855	6400	3650	—	—	15230	—	36855	18780	510		4
5	5600	48433	6400	8650	—	1300	41010	—	54033	50960	943		5
6	4600	50375	6400	21090	1640	3540	9660	—	54975	35930	654		6
7	6800	53623	6400	950	—	1190	51650	—	60423	53690	889		7
8	6400	49895	6400	3950	2760	—	42930	—	56295	49640	882		8
	40600	338553		40590	6330	6030	263460	+1600	380753	316410	814		
9	6400	51544	6400	1160	5780	2320	43570	—	57944	52820	912		9
10	4400	35612	6400	1250	4340	1210	33070	—	40012	39870	997		10
11	6400	50644	6400	1950	3730	2640	44160	—	57044	52480	920		11
12	4800	38358	6400	650	2420	—	35350	—	43158	38420	890		12
13	8000	63130	6400	1050	3470	—	50040	—	71130	54560	767		13
14	6800	51111	6400	6950	2740	—	39530	—	57911	49220	833		14
15	6400	48104	6400	900	2600	3940	48180	—	54504	55620	1021		15
	43200	338503		13900	25080	10110	293900	—	381703	342990	899		
16	6400	48904	4800	9950	100	670	22010	+1600	56904	32730	575		16
17	6800	53131	6400	6900	2110	—	44100	−(1600)	58331	53110	911		17
18	6000	48503	6400	7870	1780	7400	30400	—	54503	47450	871		18
19	3600	30962	6400	9700	—	7600	7540	—	34562	24840	719		19
20	5200	33206	6400	5900	—	4000	28300	—	38406	38200	995		20
21	6000	38458	6400	2200	—	1400	44710	—	44458	48310	1087		21
22	6000	38920	6400	3590	—	2000	42520	—	44920	48110	1071		22
	40000	292084		46110	3990	23070	219580	—	332084	292750	882		
23	5200	36468.	4800	7550	—	5860	31500	+1600	43268	44910	1038		23
24	5200	33764.	4800	14300	3600	9600	3300	—	38964	30800	791		24
25	1600	41673.	6400	5510	5700	—	26805	−(1600)	41673	38015	912		25
26	4000	47449.	6400	4550	3700	—	37800	—	51449	46050	895		26
27	5200	35425.	6400	2750	—	4170	41970	—	40625	48890	1204		27
28	5600	37250.	6400	1500	—	—	47840	—	42850	49340	1152		28
29	5600	42050.	6400	2500	—	2830	45780	—	47650	51110	1073		29
	32400	274079		38660	13000	22460	234995	—	306479	309115	1009		
	156200	1243219		139260	48400	61670	1011935	+1600	1401019	1261265	900		
Trials	3000	38094		20490	1640	3540	6660		41094	32330			Tri
	153200	1205125		118770	46760	58130	1005275		1359925	1228935			

SA 065859

May 1919
#10

Date	Calgar Eddy			Tita	Zolek	Size	Alum			Brake		Date
4 30												4
5 1												5
2												
3												
4												4
5												
6												
7												
8												
9												
10												
11												
12												
13												
14			10-0946 10-0947									
15	2862	1588		983	197	50	131			800		
16												
17												
18												
19												
20												
	2862	1588		983	197	50	131			800		
21												
22												
23												
24												
25												
26												
27												
	2862	1588		983	197	50	131			800		

098590 H5

Trials May, 1979 #1

Brake	Date	Grand Prairie	Alphanier	Cedgar	Zeolite	Ita	Calc Carb	Italac	Sodium Bicarb	Clay		Brake
	430											
	51											
	2											
	3											
	4											
	5											
	6											
	7											
	8										11-1078	
	9	8805	3885		750	1750	1250	500	50	2000		1500
	10											
	11											
	12											
	13											
		8805	3885		750	1750	1250	500	50	2000		1500
	14											
800	15											
	16											
	17											
	18											
	19											
	20											
800												
	21											
	22											
	23											
	24											
	25											
	26											
	27											
800		8805	3885		750	1750	1250	500	50	2000		1500

SA 065861

Stroke	Alphanex	Alpha Bag	Calc Carb	Cassia	Myrrh yellow	Simon Board	Tile	Gold	Sage	Clay	Extra Cate	Chum	To Stir
6000							4794	2397	450			981	4600
3600							2969	1454	238			589	[illegible]
5200							3565	1782	350			850	[illegible]
5600							4338	2169	425		200	916	[illegible]
6400							3773	1887	400		1050	1047	[illegible]
6800							2631	1316	425		2550	1112	[illegible]
6400							2631	1316	400		2400	1046	[illegible]
40000							24641	1231	2488		6200	6541	17600
6000							2296	1148	400		2400	1046	3600
5600							3243	1622	350		2100	916	—
6800							5715	2857	400		1300	1046	1600
4400							4911	2465	275		1100	719	2600
5600							4377	2188	350		100	916	2000
5600							4377	2188	350			916	2000
5600							4377	2188	350			916	2600
39600							29296	14646	2475		7000	6475	14400
5200							4200	2100	325			850	2900
2800							3433	687	175			567	2300
5600							6382	1277	350			315	2000
6000							5890	1470	375			1657	1200
5200							5463	1363	325			1417	3600
6400							5463	1363	400			1744	1400
5200							5463	1363	325			1417	—
36400							36264	9628	2275			7967	1340
5600							6025	1506	350			1526	6700
3600							3100	775	225			981	[illegible]
5600							5372	1343	350			1264	2200
3600							3321	830	225			785	1300
5600							2756	692	350	1350		1221	2500
6400							2758	690	400	2400		1395	1000
6000							2758	690	375	2250		1398	1000
36400							26087	6526	2275	6000		8480	17100
152400							110276	43116	9713	6000	13200	29463	6250

SA 865862

Bleached Pulps #10 May 1979

Date	497 A H W Bl	487 Marathon	397 Eddy	477 Cilgar	587 Grand Prairie	467 Prince George	507 Superior	414 Terrace Bay	504 P Albert	507 Domtar	Broke	Alphan
4 30				7156	17610	14010					6000	
5 1					10566	12609					3600	
2					9392	18213	5070				5200	
3						8406	14196	9936			5600	
4							16224	19872			6400	
5	6958						17238	15318			6800	
6	7952						8112	7452	15120		6400	
	14910			7155	37568	53238	60840	52578	15120		40000	
7	7952								32256		6000	
8	5467		3573						25200		5600	
9			19056						5040	11154	6800	
10			13101							11154	4400	
11			13101	12879						5070	5600	
12			11116	20034							5600	
13			11116	20034							5600	
	13419		71063	52947					62496	27378	39600	
14			10322	18603							5200	
15			5558	10017							2800	
16			11116	20034							5600	
17			11910	21465							6000	
18			10322	18603							5200	
19			12704	22896							6400	
20			10322	18603							5200	
			72254	130221							36400	
21			11116	20034							5600	
22			7146	12879							3600	
23			11116	20034							5600	
24			7146	12879							3600	
25	4473	13636		15741							5600	
26	7952	15584		15264							6400	
27	7455	14610		14310							6000	
	19880	43830	36524	111141							36400	
	78209	43830	179841	301464	37568	53238	60840	52578	77616	27378	152400	

SA 065863

Week	2 H W 13	a SW Sl	Nakeeka	Grand Prairie	Prince George	Terrace Bay	Superior	P. Arthur	Eddy	Domtar	Barber
	497	500		587	467	414					
430	7952			14088	18680						8000
1	7455			8805	14010						6000
2	9940			5283	23817						8000
3	9443				4203	6624	16224				7600
4	9443					7866	19266				7600
5	9443					7866	19266				7600
6	10437					8694	6084	15120			8400
	64113			28176	60710	31050	60840	15120			53200
7	8946					7452		18144			7200
8	8449					7038		10080	5558		6400
9			5544							18262	5200
10			7854	3522						22816	6800
11		2500	5082						11910	9126	6400
12		6500							10322	6591	5200
13		9000							14292	9126	7200
	17395	18000	18480	3522		14490		28224	42082	65910	44400
14		9000							14292	9126	7200
15		9000							14292	9126	7200
16		5500						1008	9329	6084	4800
17								22680	8940		6000
18								24192	9536		6400
19								21168	8344		5600
20								22680	8940		5600
		23500						91728	73473	24336	42800
21	7952							24192			6400
22	8946							27216			6800
23	9443							28728			4200
24	7455							22680			4500
25	6461							19656			3900
26	6958							21168			4200
27	7452							22680			4500
	54670							166320			34500
	136178	41500	15480	31698	60710	45540	60840	301392	115755	90246	174900

865863 HS

Bleached Pulps #11 May 1977

Tonnes	Cards	Yellow Cards	Tetra	Zeolite	Zeolite Dry	Clay	Ash
8000			2000	700	400	6000	1199
6000			1500	750	300	4500	899
8000			2000	1000	400	6000	1199
7600			1900	950	380	5700	1139
7600			1900	950	380	5700	1139
7600			1900	950	380	5700	1139
8400			2100	1050	420	6300	1259
53200			13300	6250	2660	39900	7973
7200			1800	900	360	5400	1079
6400			2500	850	340	5100	1019
5200		2600			240		719
6800		3400			340		1308
6400		3200			220		959
5200		2600			260		779
7200		3600			360		1079
44400		15400	4300	1750	2220	10500	6942
7200		3600			360		1079
7200		3600			360		1079
4800		2400			240		719
6000		3000			300		899
6400		3200			320		959
5600		2800			280		839
5600		3000			300		899
42800		21600			2160		6473
6400			1800	800	280	2800	1046
6800			2050	900	315	3600	1177
4200	11900	180					
4900	12000						
3900	9100						
4200	11050						
4600	11000						
34500	55050	180	3850	1700	595	6400	2223
74900	55050	37000 180	21450	9800	7635	56800	23611

SA 865865

Broke	Alphaness	8# per gal alpha Lye	Sale Card	Absorb	Mexico yellow	Brown Board	Tile	Paint	Lye	Clay	Extra Cate	Alum	[illegible]
6000							4744	2397	450			981	2600
3600							2909	1454	238			589	[illegible]
5200							3615	1782	350			850	[illegible]
5600							4338	2169	425		200	916	[illegible]
6400							3773	1887	400		1050	1047	[illegible]
6800							2631	1316	425		2550	1112	[illegible]
6400							2631	1316	400		2400	1046	[illegible]
10000							24444	1220	2288		6200	6541	17[illegible]
6000							2296	1148	400		2400	1046	3600
5600							3243	1622	350		2100	916	—
6800							5715	2857	400		1300	1046	1600
4400							4911	2455	275		1100	719	2600
5600							4377	2188	350		100	916	2000
5600							4377	2188	350			916	[illegible]
5600							4377	2188	350			916	2600
39600							29296	14441	2475		7000	6475	14400
5200							4200	2100	325			850	2900
2800							3433	687	175			567	2300
5600							6382	1277	350			315	2000
6000							5890	1470	375			1657	1200
5200							5453	1363	325			1417	3600
6400							5453	1363	400			1744	1400
5200							5453	1363	325			1417	—
36400							32264	9628	2275			7967	13400
5600							6025	1506	350			1526	6700
3600							3100	775	225			981	[illegible]
5600							5372	1343	350			1264	[illegible]
3600							3321	830	225			785	1300
5600							2755	692	350	1350		1221	2500
6400							2758	690	400	2400		1395	1000
6000							2758	690	375	2250		1398	1000
26400							26089	6526	2275	6000		8480	17100
52400							116276	43116	9913	6000	13200	29463	6[illegible]50

SB 865866

Bleached Pulps #10 May 1977

Date	497 A.H.W. Bl	487 Marathon	397 Eddy	477 Calgar	587 Grand Prairie	467 Prince George	507 Superior	414 Terrace Bay	504 P. Albert	507 Domtar	Broke	Alphanu
4 30				7156	17610	14010					6000	
5 1					10566	12609					3600	
2					9392	18213	5070				5200	
3						8406	14196	9936			5600	
4							16224	19872			6400	
5	6958						17238	15318			6800	
6	7952						8112	7452	15120		6400	
	14910			7155	37568	53238	60840	52578	15120		40000	
7	7952								32256		6000	
8	5467		3573						25200		5600	
9			19056						5040	11154	6800	
10			13101							11154	4400	
11			13101	12879						5070	5600	
12			11116	20034							5600	
13			11116	20034							5600	
	13419		71063	52947					62496	27378	39600	
14			10322	18603							5200	
15			5558	10017							2800	
16			11116	20034							5600	
17			11910	21465							6000	
18			10322	18603							5200	
19			12704	22896							6400	
20			10322	18603							5200	
			72254	130221							36400	
21			11116	20034							5600	
22			7146	12879							3600	
23			11116	20034							5600	
24			7146	12879							3600	
25	4473	13636		15741							5600	
26	7952	15584		15264							6400	
27	7465	14610		14310							6000	
	19880	43830	36524	111141							36400	
	78209	43830	179841	301464	37568	53238	60840	52578	77616	27378	152400	

SA 065867

	497	500		587	467	414					
Date	12 W 10	a 80	Nakusp	Grand Prairie	Prince George	Terrace Bay	Superior	Point Ascent	Eddy	Dominion	Burke
4 30	7952			14088	18680						8000
5 1	7455			8805	14010						6000
2	9940			5283	23817						8000
3	9443				4203	6624	16204				7600
4	9443					7866	19266				7600
5	9443					7866	19266				7600
6	10437					8694	6084	15120			8400
	64113			28176	60710	31050	60840	15120			53200
7	8946					7452		18144			7200
8	8449					7038		10080	5558		6400
9			5544							18262	5200
10			7854	3522						22816	6800
11		2500	5082						11910	9126	6400
12		6500							10322	6591	5200
13		9000							14292	9126	7200
	17395	18000	18480	3522		14490		28224	42082	65910	44400
14		9000							14292	9126	7200
15		9000							14292	9126	7200
16		5500						1008	9329	6084	4800
17								22680	8940		6000
18								24192	9536		6400
19								21168	8344		5600
20								22680	8940		5600
		23500						91728	73673	24336	42800
21	7952							24192			6400
22	8946							27216			6800
23	9443							28728			4200
24	7455							22680			4500
25	6461							19656			3900
26	6958							21168			4200
27	7455							22680			4600
	54670							166320			34500
	136178	41500	18480	31698	60710	45540	60840	301392	115755	90246	174900

SA 865868

Bleached Pulps #11 May 1979

Brobe	Calc. Carb	Calcium Sulphate	Sodium Carb	Yellow Ducab	Ita	Zinc Oxide	Zinc Sulphide	Clay	Alum
8000					2000	700	400	6000	1199
6000					1500	750	300	4500	899
8000					2000	1000	400	6000	1199
7600					1900	950	380	5700	1139
7600					1900	950	380	5700	1139
7600					1900	950	380	5700	1139
8400					2100	1050	420	6300	1259
53200					13300	6650	2660	39900	7973
7200					1800	900	360	5400	1079
6400					2500	850	340	5100	1019
5200				2600			240		719
6800				3400			340		1308
6400				3200			320		959
5200				2600			260		779
7200				3600			360		1079
44400				15400	4300	1750	2220	10500	6942
7200				3600			360		1079
7200				3600			360		1079
4800				2400			240		719
6000				3000			300		899
6400				3200			320		959
5600				2800			280		839
5600				3000			300		899
42800				21600			2160		6473
6400					1800	800	280	2800	1046
6800					2650	900	315	3600	1177
4200				11900		180			
4500				12000					
3900				9100					
4200				11050					
4600				11000					
34500				55050		180	3850	1700 595	6400	2223
174900				55050	37000	180	21450	9800 7635	56800	23611

SA 865869

Unbleached Pulps May 1977

Date		
4/30		
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SB 065870

May 1[illegible]

Date	Ansilex	Tita	Zealex	Tita India	Unisex									Date
4 30		5150	2600											4 3
5 1		4900	2600											5 1
2		5000	2500											
3		5000	2500											
4		4000	2000											
5		4100	1950											
6														
		28150	14150											
7		4100	1950											
8		5000	2500											
9		2650	1100											
10		5000	2250											
11		5000	2400											
12	1050	7500	2500											
13		5000	2500											
		34250	15200											
14		5000	2500											
15		7500												
16														
17	1000	5000												
18	1250	5000												
19	2000	9500												
20														
	4250	32000	2500											
21														
22		5700	1700											
23	650	5050	350											
24	500	2500												
25	1250	5000												
26	1000	4500												
27	1000	5000												
	4400	27750	2050											
	8650	1[illegible]150	33900											

SA 065871

Tray #10

Date	A Stock Used	B Pulpe	6400 Storage Tank Chg	C Stub Wheels	D Stub Rolls	E* Rej Prod	F* Good Prod	G Storage Tank adj	A+B+G Total Raw Mat	C+D+E+F Gross Prod	% Bit	Date
4 30	6000	49016	6400	1400	—	—	53230	—	55016	54630		4
5 1	3600	29776	6400	3000	—	8910	20670	—	33376	32580		5
2	5200	41972	4800	6600	1000	5800	35030	+ 1600	48772	48430		
3	5600	42670	6400	1700	—	—	49200	−(1600)	46670	50900		
4	6400	46606	6400	1200	1260	1290	48890	—	53006	52646		
5	6800	48486	6400	1200	6360	1320	48490	—	55236	57370		
6	6400	46383	6400	900	6800	—	52220	—	52783	59920		
	40000	304859		16000	15420	17320	307730	—	344859	356470	1034	
7	6000	50052	6400	1400	6640	—	50300	—	56052	58340	1041	
8	5600	41555	4800	2000	1200	500	36700	+ 1600	48755	40400	829	
9	8300	47122	8000	5950	—	1920	38650	−(3200)	53222	46520	891	
10	4400	35596	8000	3850	—	8900	26280	—	39996	39030	976	
11	5600	40065	8000	1350	—	3560	38450	—	45665	43360	950	
12	5600	40065	8000	3550	—	—	37490	—	45665	41040	899	
13	5600	40665	6400	3800	—	3820	33190	+ 1600	47865	40810	853	
	41100	295120		21900	7840	18700	261060	—	336220	309500	921	
14	5600	38460	8000	3450	—	—	33135	−(1600)	42060	36585	870	
15	3600	27850	8000	3150	—	800	18560	—	31450	22510	716	
16	5600	41159	6400	1500	—	—	42900	+ 1600	48359	44400	918	
17	6000	42310	6400	650	—	—	49610	—	48310	50260	1040	
18	5200	39066	6400	850	—	—	37490	—	44866	38340	855	
19	6400	44216	6400	450	—	1950	48580	—	50616	50980	1007	
20	5200	36066	6400	6650	—	—	26350	—	41266	33000	800	
	37200	269717		16700	—	2750	256625	—	306917	276075	900	
21	5600	45731	6400	2250	4455	1400	43960	—	51331	52065	1014	
22	3600	26525	6400	2600	1585	4200	19880	—	30125	28265	938	
23	5600	40415	6400	2700	2140	—	35760	—	46015	40600	882	
24	3600	25701	8000	1400	—	10120	13300	−(1600)	27701	24820	896	
25	5600	41497	8000	3400	2800	3640	37360	—	47097	47200	1002	
26	6400	42048	8000	2050	4690	8640	39190	—	52448	54570	1041	
27	6000	43448	4800	10350	3900	3780	35880	+ 3200	52648	53910	1024	
	36400	269365		24750	19570	31780	225330	+ 1600	307365	301430	981	
	154700	1139061		79250	42830	70550	1050745	+ 1600	1295361	1243475	960	
	−800	−5680		—	—	—	—	—	−6480			
	153900	1133381							1288881		965	

065873 50

May #11 1979

Date	A Broke Used	B Liquor Sold	6200 Storage Sold	Slab Waste	L Slab Rocks	E Rec Filled	F Good Prod	Storage Tank Adj	Total Prod Wt	Gross Prod	Pct
4 30	8000	49820	6200	700	2520	—	47270	—	57820	50490	873
5 1	6000	37320	7450	8950	1710	—	29490	-(1250)	42070	40150	954
2	8000	48440	7450	1250	2430	1090	44575	—	56440	49345	874
3	7600	45424	6200	2050	2310	1180	44670	+1250	54274	50210	925
4	7600	45505	6200	1900	2475	—	45280	—	53105	49655	935
5	7600	45505	6200	800	2440	300	44390	—	53105	47930	903
6	8400	50205	6200	1500	2530	—	47600	—	58605	51630	881
1034	53200	3[illegible]219		17150	16415	2570	303275	—	375417	339440	[illegible]
1041 7	7200	43002	6200	1750	2150	—	40310	—	50202	44210	881
829 8	6400	39915	4950	700	2310	—	45240	+1250	47565	48250	1014
891 9	6700	45626	4950	1450	90	8500	20750	—	52326	30790	589
976 10	6800	37931	7450	1100	—	—	38110	-(2500)	42231	39210	929
950 11	6400	32138	7450	1450	—	1840	27725	—	38538	31015	805
899 12	5200	26273	7450	700	—	1700	26060	—	31473	28460	904
853 13	7200	36378	4950	1800	—	1830	36340	+2500	46078	39970	868
921	45900	261263		8950	4550	13870	234635	+1250	308413	261905	84[illegible]
870 14	7200	36378	6200	1500	—	1475	37235	-(1250)	42328	40210	95[illegible]
716 15	7200	36378	6200	1800	—	—	36405	—	43578	38205	877
918 16	4800	24561	6200	5300	—	—	16430	—	29361	21730	74[illegible]
1040 17	6000	34920	6200	1900	—	—	33190	—	40920	35090	85[illegible]
855 18	6400	37248	6200	1200	—	1540	29200	—	43648	31940	73[illegible]
1007 19	5600	32592	6200	1100	—	—	35610	—	38192	36710	96[illegible]
800 20	5600	34920	—	550	—	—	36265	+6200	46720	36815	78[illegible]
900	42800	236997		13350	—	3015	224335	+4950	284747	240700	84[illegible]
1014 21	6400	37824	6200	2200	850	1690	20430	-(6200)	38024	25170	66[illegible]
938 22	6800	43027	—	6950	2200	1255	41810	+6200	56027	52215	93[illegible]
882 23	4200	50251	4950	5700	—	5320	27600	-(4950)	49501	38620	78[illegible]
896 24	4500	42135	6200	4850	—	2400	31530	-(1250)	45385	38780	85[illegible]
1002 25	3900	35217	6200	2200	—	—	34070	—	39117	36270	92[illegible]
1041 26	4200	39176	6200	2200	—	2700	31500	—	43377	36400	83[illegible]
1024 27	4500	41135	6200	2200	—	—	33520	—	45638	35720	78[illegible]
981	34500	288765		26300	3050	13365	220460	-(6200)	317065	263175	83[illegible]
960	176400	1109244		65750	24015	32820	982605	—	1285644	1105190	86[illegible]
015	-1600	-18990				-8600			-20490	-8500	
						34350			1265154	1096690	86[illegible]

SA 865873

Trials June #11 1979

Brake	Date	Celgar	Eddy	Calc Carb	Sta Lak	Brake
	5 28 29					
	30					
	31					
	6 1 2					
	3					
	4					
	5					
	6					
	7 8					
	9 10					
	11 12					
	13					
3000	14					
1800	15					
	16 17					
4800						
	18					
	19					
	20					
	21 22					
	23					
	24					
	25 26			11-1037		
	27	12879	3573	2050	450	2700
	28					
	29					
	30					
		12879	3573	2050	450	2700
4800		12879	3573	2050	450	2700

SA 065874

Treats #10

587

Date		Grand Prairie			R 130 Stalox	Amalie & Zeolap	Tita	Sodium Bicarb			Brake	Date
5 28												5 2
29												2
30												30
31												31
6 1												6 1
2												2
3												3
4												4
5												5
6												6
7												7
8												8
9												9
10												10
11												11
12												12
13									10-0954			13
14		26416			900	2700	9900	90			3000	14
15		20545			700	2100	7700	70			1800	15
16												16
17												17
		46960			1600	4800	17600	160			4800	
18												18
19												19
20												20
21												21
22												22
23												23
24												24
25												25
26												26
27												27
28												28
29												29
30												30
		46960			1600	4800	17600	160			4800	

SA 065875

Bleached Tailings #10 June 17 [illegible]

87 per ton

Date	497 LHW	500 WSW	477 Calgary	487 Marathon	504 Prince Albert	507 Superior	397 Dryden	397 Eddy	Grand Prairie	467 Fort George	Brake
28	4970	3000	15584	15584							6400
29		1000	21942	15584							6400
30			9063	13636	11592						5200
31				13636	21168						5600
61				8766	13608						3600
2				11688	18144						4800
3				12662	19656						5200
	4970	4000	46369	91556	84168						37200
4				12662	19656						5200
5				15584	24192						6400
6			11448	9746	30024						4000
7			17172	11688							5200
8			20034	13636							5200
9			21465	14610							5600
10			21465	3896		11154					6400
			91584	81816	46272	11154					38000
11			17172			12168					4800
12						13182	15483				5200
13						8172	17865	5558			6000
14											
15											
16						13689	15483		23448		6000
17						15210	17865				6000
			17172			62361	66696	5558	23448		28000
18						15210	17865				6000
19					10584	16224	10719				6400
20					21168	14196					5600
21					22680	15210					6000
22					22680	15210					6000
23					22680	15210					6000
24					24192	16224					6400
					123984	107484	28584				42400
25					25704	17238					6800
26					19656	13182					5200
27					24192	16224					6400
28					22680	15210					6000
29					21168	14196					5600
30					4536	16224				18213	6400
					117936	92274				18213	36400
	4970	4000	155025	173372	372960	273273	95280	5558	23448	18213	182000

86587B
SA

	Neyphos Stop 87¢ per gal	84½ per a gal					Analysis									#10 Starc
Brake		Alpha Size	Calc Carb	Carbonate	Magnesium Sulfate	Borax	Iota	Yield	Sizing	Clay			Ultra Cate	alum		
6400							2758	689	400	2400				1395		1000
6400							4746	1187	400	300				1329		1000
5200							6123	1531	350					1068		1000
5600							6435	1610	350					1068		→
3600							3760	940	325					687		7100
4800							5016	1254	300					916		1500
5200							5134	1356	325					Dry 225 305		2200
37200							34072	8567	2350	2700				6993		8800
5200							3349	836	375					Dry 400 610		1000
6400							6694	1674	400					1046		2000
4000							4184	1045	250					653		1700
5200							4722	1181	300					785		1000
5200							3802	950	350					916		700
5200							3802	950	375					981		1000
6400							1517	379	380	3000				981		1000
38000						Dry	31976	7015	2380	3000				6272		8400
4800						Dry	1800	3487	300					785		1000
5200							8541	2482	325					850		1200
6000							5208	1302	375					981		4800
																—
																—
6000							3390	848	350					916		—
6000							4786	1197	375					981		—
28000							31161	9446	1725					4513		700
6000							4489	1122	375					981		—
6400							6300	1575	400					1046		1000
5600						B	3850	1466	350	1400				916		—
6000							1472	368								
6000						B	5100	2250	375	1500				981		1000
6000						B	3750	2250	375	400				981		600
6000						B	4750	2250	385	1100				981		600
6400						B	4650	2400	400	1600				1046		800
42400							33711	13116	2660	6000				6932		4000
6800							3800	2560	425	1700				1111		900
5200							3150	1950	325	1300				850		500
6400							4000	2400	400	1600				1046		1100
6000							4500	2250	375	1500				981		800
5600							2700	1200	350	2200				916		1000
6400							2200	800	400	4800				1046		1000
36400							21560	11150	2275	14400				5950		5200
182000							144719	48823	11390	25800				30760		33400

58 858877

Bleached Pulps #10 June ....

87# per

Date	497 WHW	500 WSW	477 Calgar	487 Marathon	504 Prince Albert	507 Superior	397 Dryden	397 Eddy	Grand Prairie	467 P. George	Brake
528	4970	3000	153614	15584							6400
29		1000	21942	15584							6400
30			9063	13636	11592						5200
31				13636	21168						5600
61				8766	13608						3600
2				11688	18144						4800
3				12662	19656						5200
	4970	4000	46269	91556	84168						37200
4				12662	19656						5200
5				15584	24192						6400
6			11448	9740	3024						4000
7			17172	11688							5200
8			20034	13636							5200
9			21465	14610							5600
10			21465	3896		11154					6400
			91584	81816	46272	11154					38000
11			17172			12168					4800
12						13182	15483				5200
13						8112	17865	5558			6000
14											
15											
16						13689	15483		2348		6000
17						15210	17865				6000
			17172			62361	66696	5558	2348		28000
18						15210	17865				6000
19					10584	16224	10719				6400
20					21168	14196					5600
21					22680	15210					6000
22					22680	15210					6000
23					22680	15210					6000
24					24192	16224					6400
					123984	107484	28584				42400
25					25704	17238					6800
26					19656	13182					5200
27					24192	16224					6400
28					22680	15210					6000
29					21168	14196					5600
30					4536	16224				18213	6400
					117936	92274				18213	36400
	4970	4000	155025	173372	372960	273273	95280	5558	2348	18213	182000

SA 065878

	Phosphoric Acid 8.7# per gal	8# ½ pure a per gal	Alpha Sizing	Calc Ears	Cabolite	Napico Yellow	Sodium Borate	Analysis Ital	Yolet	Size	Clay		Nitric Cate	alum	#10 Starch
400								2758	689	400	2400			1395	1000
400								4746	1187	400	900			1329	1000
5200								6123	1531	350				1048	2000
5600								6455	1610	350				1048	—
3600								3760	940	225				687	1500
4800								5016	1254	300				916	1500
5200								5434	1356	325				Dry 225 305	2200
7200								34072	8567	2350	2700			6993	8800
200								3349	836	225				Dry 400 610	1000
400								6694	1674	460				1046	2000
1000								4184	1045	250				653	1700
5200								4722	1181	300				785	1000
5200								3802	950	350				916	700
5200								3802	950	375				981	1000
6400								1517	379	380	3000			981	1000
8000							Dry	31970	7015	2380	3000			5372	8400
1800							Dry	1800	3687	300				785	1000
5200								6247	2482	325				850	1200
6000								5208	1302	375				981	4800
															—
2000								3390	848	350				916	—
2000								4786	1197	375				981	—
8000								3161	946	1725				4513	7000
6000								4492	1122	375				981	—
6400								6304	1575	400				1046	1000
5600							B	3850	1460	350	1400			916	—
6000								1472	368	350	1500			981	1000
6000							B	5100	2250	375	400			981	600
6000							B	3750	2250	375	1100			981	600
6400							B	4750	2250	385	1600			1046	800
2400							B	4650	2460	400	6000			6932	4000
800								3771	1116	2460	1700			1171	900
200								3800	2560	425	1900			850	500
400								3150	1950	325	1600			1046	1000
000								4000	2460	460	1500			981	800
600								4500	2250	375	3200			916	1000
400								2760	1200	350	4800			1046	1000
400								3200	800	400	1400			5950	5200
2000								31560	11160	2275	25800			30760	33400

Bleached Pulps #11 June 1979

85# per gal

Brake	Alpha Size	Calc Carb	Cabolite	Napico Yellow	Sodium Bicarb	Teta	Yolex	Size	clay	alum
4200		11400								
6800				3400				340		1019
6800				3400				340		1019
7200				3600				360		1079
4800				2400				240		719
6800				3400				340		1019
6400				3200				320		Dry 225 420
43000		11400		19400				1940		5500
6800				3400				340		Dry 400 719
6400				3400				340		1019
8000				4000				400		1199
6400				3200				320		959
7200				3600				360		1079
7600				3800				380		1139
8000				4000				400		1199
50400				25400				2540		7713
6800				3400				340		1019
7200				3600				360		1079
6800				3400				340		1019
7200				3600				360		1079
7600				3800				380		1139
7200				3600				360		1079
6800				3600				360		1079
49600				25000				2500		7493
3900		9900								
4500		11500								
5100		13900								
5100		14000								
5100		13600								
3900		12950								
5100		16950								
32700		92800								
5100		14050								
4500		13900								
3200				1750				140		420
7600	459			4750				320		1139
8000	179			4000				260		1199
7600				3800				380		1139
36000	638	27950		14300				800		3897
211700	638	132150		84100				7780		24603

5A 065880

	497	500	504	397	477	481	507				8
Date	A NW Bl	A SW Bl	Passed	Eddy	Calgary	Kamloops	Superior				Brake
5 28	1491	5500	21168								4200
29		8500	25704								6800
30		8500	25704								6800
31		9000	27216								7200
6 1		6000	18144								4800
2		8500	25704								6800
3		8000	24192								6400
	1491	54000	167832								43000
4		8500	25704								6800
5		500	21672	4764	5724						6400
6				15880	19080						8000
7				12704	15264						6400
8				14292	17172						7200
9				15086	18126						7600
10				15880	19080						8000
		9000	47376	78606	94446						50400
11				13498	16218						6800
12				14292		17316					7200
13				13498		16354					6800
14				14292		17316					7200
15				15086		18278					7600
16				14292		17316					7200
17				14292		17316					6800
				99250	16218	103896					49600
18				9528	954	10582					3900
19				11910	14310						4500
20				13498	16218						5100
21				13498	16218						5100
22				13498	16218						5100
23				10322	12402						3900
24				13498	16218						5100
				85752	92538	10582					32700
25				13498	16218						5100
26				6352	22896						4500
27				5558	6678						3200
28				15086	18126						7600
29				15880	19080						8000
30				15086	18126						7600
				71460	101124						36000
	1491	63000	215208	335068	304326	114478					211700

0265881 5A

June 1974

Date	Analex	Tita	Zyolex	Tita India	Unsorge									Date
5 38	1000	5000												5
39	1000	5000												
30	1000	5000												3
31	1000	5000												3
6 1	1100	4800												6 1
2	1000	5000												2
3	800	5000												3
	6900	35100												
4	1800	8000												4
5	600	6000												5
6	1200	4800												6
7	1800	3000												7
8	3000	7500												8
9	1500	5000												9
10	1250	5000												10
	10850	39500												
11	1300	4950												11
12	1050	2400												12
13	1550	5100												13
14	—	—												14
15														15
16	—	—												16
17	—	—												17
	3900	12450												
18	1200	5000												18
19	1000	5000												19
20	3000	7650												20
21														21
22	600	2450												22
23														23
24														24
	5800	20100												
25														25
26														26
27														27
28														28
29														29
30														30
	7450	107150												

Unbleached Pulps June 1979

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SA 865883

June 1979
11

% Pet	Date	A Brake Hard	B Pulps	Storage Tank adj	Slab Waste	Slab Rolls	Rej Prod	Good Prod	Storage Tank adj	Total Raw Mat	Gross Prod	% Net
99.1	5-28	4200	39559		1600	—	1660	37160		43759	40420	92.4
83.9	29	6800	37944		3850	—	—	30080		44744	33730	75.8
90.7	30	6800	37944		2300	—	1550	30250		44744	34100	76.2
91.0	31	7200	40176		1050	850	1940	39780		47376	43620	92.1
97.0	6-1	4800	26784		1600	—	5400	17520		31584	24520	77.6
93.2	2	6800	37944		2100	—	1910	36100		44744	40110	89.7
106.3	3	6400	35712		1850	—	—	34890		42112	36740	[illegible]
94.2		43000	256063		14350	850	12460	225780		297063	[illegible]	84.9
105.9	4	6800	37944		3300	—	—	34320		44744	[illegible]	84.1
94.5	5	6400	36400		650	—	—	41150		42800	41500	97.7
103.3	6	8000	39360		350	—	—	41970		47360	42320	89.4
94.0	7	6400	31488		1260	—	—	34130		37888	35380	93.4
100.9	8	7200	35424		880	—	—	39750		42624	40550	95.1
99.1	9	7600	37392		200	—	—	41930		44992	42130	93.6
81.4	10	8000	39360		920	—	—	40800		47360	41750	88.2
96.4		50400	257368		7500	—	—	274050		307768	281550	91.5
119.2	11	6800	33456		1850	—	—	34390		40256	36240	90.0
97.5	12	7200	35568		1350	—	4400	32580		42768	38330	89.6
92.3	13	6800	33592		1750	—	3835	31926		40392	37511	92.9
—	14	7200	35568		1750	—	—	40260		42768	42010	98.2
77.4	15	7600	37544		2000	—	—	36380		45144	38380	85.0
42.3	16	7200	35568		1360	—	1900	37840		42768	41090	96.1
	17	6800	35568		1460	—	5500	32440		42368	39390	90.7
82.3		49600	246864		11500	—	15635	245810		296464	272951	92.1
101.3	18	3900	30964		4600	—	—	17320		34864	21920	62.9
98.8	19	4500	37720		5050	—	—	29080		42220	34130	80.8
95.7	20	5100	43616		2700	—	—	36670		48716	39370	80.8
97.5	21	5100	43716		1800	—	—	40060		48816	41860	85.8
94.1	22	5100	43316		5250	—	2880	35740		48416	43870	90.6
95.8	23	3900	35674		3670	—	—	29230		39574	32900	83.1
101.5	24	5100	46666		2650	—	2400	35860		51766	40900	79.0
97.8		32700	281672		25720	—	5280	223950		314372	254670	81.1
84.4	25	5100	43746		3600	—	—	36420		48846	39920	81.7
79.0	26	4600	43148		750	—	—	38940		47648	39670	83.3
86.6	27	5900	33078		6000	—	5035	6865		38978	17900	45.9
99.7	28	7600	38441		950	—	1690	36650		46041	39270	85.3
98.2	29	8000	39399		950	—	—	39980		47399	40930	86.4
88.3	30	7600	37392		1150	—	—	38495		44992	39645	88.1
89.7		38700	235224		19300	—	6725	197350		273924	217375	79.4
92.4		214400	1277191		72370	850	40100	1166940		1491591	1280216	85.8
[illegible]		2700	18982		5000					21682	5000	
[illegible]		2117400	1268599		467370					1469939	1275260	86.[illegible]

SA 865884

June 1717 #10

Date	A Broke Used	B Pulps	4800 Storage Tank In	C Slab Waste	D Stub Rolls	E Rej Prod	F Good Prod	G Storage Tank Out	A+B+G Total Raw Mat	C+D+E+F Gross Prod	% Rat	Date
5 28	6400	46065	4800	1750	4400	1100	44760	—	52465	52010	991	5 28
29	6400	46169	4800	3500	5230	1200	34190	—	52569	44100	839	29
30	5200	44295	6400	1850	5880	2890	32830	−(1600)	47895	43460	907	30
31	5600	43399	4800	1100	2500	1150	41090	+ 1600	50399	45840	910	31
6 1	3600	28399	4800	1550	1360	3960	24180	—	31999	31040	970	6 1
2	4800	37903	4800	1800	1800	—	36210	—	42703	39810	932	2
3	5200	41633	6400	2750	2280	6870	36170	−(1600)	45233	48070	1063	3
	37200	287652		14300	23440	17170	249410	−(1600)	323252	304320	942	
4	5200	37828	6400	1850	2350	1460	39900	—	43028	45560	1059	4
5	6400	50544	6400	1000	3000	1010	48790	—	56944	53800	945	5
6	4000	31391	6400	1000	1400	3555	30595	—	35391	36550	1033	6
7	5200	36063	6400	1100	—	970	36710	—	41263	38780	940	7
8	5200	39472	6400	4650	—	1540	38600	—	44672	45090	1009	8
9	5600	42202	6400	550	—	1980	44820	—	47802	47350	991	9
10	6400	46691	8000	7640	750	2420	31110	−(1600)	51491	41920	814	10
	38000	284191		17790	7500	12935	270825	−(1600)	320591	309050	964	
11	4800	41574	6400	1950	2150	—	39730	+ 1600	47974	43830	912	11
12	5200	35152	6400	4980	1700	—	32626	—	40352	39330	976	12
13	6000	43220	6400	5300	525	900	39220	—	49220	45945	933	13
14	3000	40005	8000	13200	—	—	5920	−(1600)	41405	19120	—	14
15	1800	31115	8000	3650	4950	3670	—	—	32915	12270	—	15
16	6000	36108	8000	1350	—	4500	30050	—	42108	35970	774	16
17	6000	39433	8000	2850	—	—	47210	—	45433	50060	1022	17
	32800	266607		33280	9350	9140	194755	—	299407	245505	828	
18	6000	39062	8000	750	—	4220	40680	—	45062	45650	1013	18
19	6400	46806	6400	300	—	—	53860	+ 1600	54806	54150	988	19
20	5600	44854	6400	1700	—	—	46020	—	49854	47720	957	20
21	6000	48115	6400	4000	—	10060	38680	—	54115	52740	975	21
22	6000	45265	6400	400	—	2720	44920	—	51265	48240	941	22
23	6000	46975	6400	450	2840	9630	37830	—	52975	50750	958	23
24	6400	49666	6400	150	4100	—	52660	—	56066	56910	1015	24
	42400	320143		7950	6940	26630	314640	+ 1600	364143	356160	978	
25	6800	52317	4800	600	2700	—	49170	+ 1600	60717	52470	864	25
26	5200	40063	6400	3450	—	2730	28320	−(1600)	43663	34500	790	26
27	6400	49816	4800	1250	—	7990	40800	+ 1600	57816	50040	866	27
28	6000	47315	8000	1400	—	3450	45120	−(3200)	50115	49970	997	28
29	5600	44014	8000	4760	400	—	43570	—	49614	48730	982	29
30	6400	49173	8000	2600	690	—	45760	—	55573	49050	883	30
	36400	282698		14060	3790	14170	252740	−(1600)	317498	284760	897	
	186800	1441291		87380	51020	80045	1282370	−(3200)	1624891	1500815	924	
Trials	4800	71120		17150	4950	7640	—		75920	29940		
	182000	1370171		70230	46070	73005	1282370		1548971	1471675	950	

865885 SA

Trials July 1979 #10

Date											Brake		Date
71													71
2													2
3													3
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865886 SA

Trials

July 1979
#11

Brake	Date
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SA 065887

	Nuphor Slf 8 # per gal	8½ # Tow Tgal					Amoskeag								#10 Sta
Brake		Alpha Sep	Calc Carb	Cabolite	Napthol Yellow	Sodium Benz	Titan	Zolon	Sizo	Clay			Titan Coat	alum	
6400							3200	800	400	4800				1046	1000
6000							2650	750	375	4500				981	1000
5600							3200	950	375	4100				981	1600
6800							4800	2400	400	1600				1046	[illegible]
6000							4800	2400	400	1600				1046	[illegible]
6800							2650	1300	400	1750				1046	3000
6400							2300	1600	400	2650				1046	1000
44000							23600	10200	2750	21000				7172	10400
6000		919					3000	1500		3000				981	800
6400		680					3200	1600		3200				1264	1200
6000		638					3000	1500		3000				1390	—
6400		680					3200	1600		3200				1482	1100
5200		553					2600	1300		2600				1204	—
6400		680					3850	1600		1600				1482	800
6800		723					4250	1700		1700				1575	2300
43200		4273					23200	10800		18300				9378	6200
5200		553					3250	1300		1300				1205	—
6800		723					4250	1700		1700				1575	1000
6400		681					4000	1600		1600				1483	2100
5600		595					3050	1460		1460				1297	2000
5600		638					3200	1500		1500				1390	—
8000		808					4054	1014		1500				1760	1000
8000		850					4054	1014		2000				1853	2000
45600		4848					25858	9528		11000				10563	8100
7600		774					3460	865		1900				1652	1000
8000		714					1480	370		3150				1373	—
6800		544					1480	370		2460				1046	2000
7600		680					6928	1732		4000				1308	1000
7600		646					7080	1770		3800				1243	1200
8000		680					7080	1770		2800				1308	1200
7200		612					7079	1771		—				1177	1200
52800		4650					34557	8648		18650				9107	7600
1851[illegible]		37[illegible]					102[illegible]	39176	2750	68350				36244	3[illegible]

SA 865888

Bleached Pulps #1817 July 1977

Date	AHW	ASW	467 P. George	507 Superior	520 Crestbrook	481 Kamloops	504 P. Albert	477 Celgar	397 Bl. Dryden	Eddy	Broke
71			22416	16224							6400
3			21015	2028	13520						6000
3			21015		15600						5600
4											
5			22416		16640						6800
6			12609		16640	10101					6000
7					16640	23088					6800
8					16640	23088					6400
			99471	18252	95680	56277					44000
9					15600	21645					6000
10					16640	23088					6400
11					15600	21645					6000
12					16640		24192				6400
13					13520		7560	11448			5200
14					16640		24192				6400
15					17680		25704				6800
					112320	66378	81648	11448			43200
16					13520		19656				5200
17					17680		25704				6800
18					16640		24192				6400
19					14560		21168				5600
20					15600		22680				5600
21					19760		28728				8000
22					20800		12600		13895		8000
					118560		154728		13895		45600
23					16640		3024		22629		7600
24					21840				25011		8000
25					10400		6048		19056		6800
26							20160		15086	8734	7600
27						15392	3024			22629	7600
28						16354	3024			23820	8000
29						17316				21438	7200
					48880	49062	35280		81782	76621	52800
			99471	18252	375440	171717	271656	11448	95677	76621	185600

SA 065889

Bleached Pulps #10

Date	AHW	ASW	467 George	507 Superior	520 Crestbrook	481 Kamloops	504 P. Albert	477 Celgar	397 Bl. Dryden	Eddy	Brake
71			22416	16224							6400
2			21015	2028	13520						6000
3			21015		15600						5600
4											
5			22416		16640						6800
6			12609		16640	10101					6000
7					16640	23088					6800
8					16640	23088					6400
			99471	18252	95680	56277					44000
9					15600	21645					6000
10					16640	23088					6400
11					15600	21645					6000
12					16640		24192				6400
13					13520		7560	11448			5200
14					16640		24192				6400
15					17680		25704				6800
					112320	66378	81648	11448			43200
16					13520		19656				5200
17					17680		25704				6800
18					16640		24192				6400
19					14560		21168				5600
20					15600		22680				5600
21					19760		28728				8000
22					20800		12600		13895		8000
					118560		154728		13895		45600
23					16640		3024		22629		7600
24					21840				25011		8000
25					10400		6048		19056		6800
26							20160		15086	8734	7600
27						15392	3024			22629	7600
28						16354	3024			23820	8000
29						17316				21438	7200
					48880	49062	35280		81782	76621	52800
			99471	18252	375440	171717	71656	11448	95677	76621	185600

065890 SA

Date	a H W Be	a S W Be	477 Cilgar	397 Eddy	481 Lambert Weyerhaeuser	487 Marathon	507 Wonitar	Phoenix Ashert			Broker
7/1			19080	15880							8000
2			17172	14292							7200
3			14310	11910							5600
4											
5			6678	5558							3200
6			16218		16354						6800
7			19080		19240						8000
8			18126		18278						7600
			110464	47640	53872						39200
9			19080		19240						8000
10			17172		17316						7200
11			17172		17316						6800
12			20034			6818					4500
13			21465			7305					4500
14			21465			7305					4500
15			11448		14430	8766					5400
			127836		68302	30194					40900
16					20202	6818					3900
17					31746	10714					8300
18					28860	9740					8000
19					21645	7305					6000
20			27189			9253					7600
21			27189			9253					8000
22			25758			8766					7200
			80136		102453	61849					49000
23			17172			5844					4800
24			16741			12175	7098				7200
25						6818	12168	15120			5700
26							8112	24192			4800
27							8112	24192			4800
28			14310				8619	24192			5100
29			18603				6591				3900
			50947			24837	50700	87696			36300
			371583	47640	224627	116886	50700	87696			165400

065891 SA

Bleached Pulps #11 July 1979

Broke	Ite Lok R 130	Alpha Size	Calc Carb	Cabolite	Mexico yellow	Sodium Bicarb	Titan	Amalex Folex	Size	Clay	alum
8000					4000				400		1199
7200					3600				360		1079
5600					3000				300		899
3200					1400				140		420
6800					3400				340		1019
8000					4000				400		1199
7600					3800				380		1139
39200					23200				2320		6954
8000					4000				400		1199
7200					3600				360		1079
6800					3600				360		1079
4500			12600								
4500			12750								
4500			13500								
5400			16650								
40900			55500		11200				1120		3357
3900			13650								—
8300			748				5400	1100		4400	1319
8000		680					4650	1000		4000	1199
6000		510					3000	750		3000	899
7600		646					4700	950		3800	1139
8000		646					4750	950		3800	1139
7200		612					4500	900		3600	1079
49000		3094	14398				27000	5650		22600	6774
4800		408					3000	600		2400	719
7200		612					4500	900		3600	1079
5700	500	238	3000				1750	350		1400	420
4800	800		4800								
4800	800		4800								
5100	850		5100								
3900			15700								
36300	2950	1258	33400				9250	1850		7400	2218
15[illegible]	2950	[illegible]	103298		34400		36250	7500	3440	30000	19303

5A 065892

	Tanphos Sly 8 # per gal	8½ # per gal					Analysis									#10 Star
Broke		Alpha Sly	Calc Carb	Cabolite	Mipsco yellow	Salvo Bicarb	Titan	gold	Sly	clay				Mica Cote	alum	
6400							3200	800	400	4800					1046	1000
6000							2650	750	375	4500					981	1000
5600							3200	950	375	4100					981	1600
6800							4800	2400	400	1600					1046	3000
6000							4800	2400	400	1600					1046	3000
6800							2650	1300	400	1750					1046	3000
6400							2300	1600	400	2650					1046	1000
44000							23600	10200	2750	21000					7192	10400
6000			319				3000	1500		3000					981	800
6400			680				3200	1600		3200					1264	1200
6000			638				3000	1500		3000					1390	—
6400			680				3200	1600		3200					1482	1100
5200			553				2600	1300		2600					1204	—
6400			680				3850	1600		1600					1482	800
6800			723				4250	1700		1700					1575	2300
43200			4272				23200	10800		18300					9378	6200
5200			553				3250	1300		1300					1205	—
6800			723				4250	1700		1700					1575	1000
6400			681				4000	1600		1600					1483	2100
5600			595				3650	1460		1400					1297	2000
5600			638				3200	1500		1500					1390	—
8000			808				4054	1014		1500					1760	1000
8000			850				4054	1014		2000					1853	2000
45600			4848				25858	9528		11000					10563	8100
7600			774				3460	865		1900					1652	1000
8000			714				1480	370		3150					1373	—
6800			544				1480	370		2460					1046	2000
7600			680				6928	1732		4000					1308	1000
7600			646				7080	1770		3800					1243	1200
8000			680				7080	1770		2800					1308	1200
7200			612				7079	1771		—					1177	1200
52800			4650				34587	8648		18650					9107	7600
1951			23477				102249	39176	3750	68350					36246	32300

SA 865893

Bleached Pulps #10 July 1979

Date	AHW	ASW	467 George	507 Superior	520 Crestbrook	481 Kamloops	504 P. Albert	477 Celgar	397 Bl. Dryden	Eddy	Broke
7 1			22416	16224							6400
2			21015	2028	13520						6000
3			21015		15600						5600
4											
5			22416		16640						6800
6			12609		16640	10101					6000
7					16640	23088					6800
8					16640	23088					6400
			99471	18252	95680	56277					44000
9					15600	21645					6000
10					16640	23088					6400
11					15600	21645					6000
12					16640		24192				6400
13					13520		7560	11448			5200
14					16640		24192				6400
15					17680		25704				6800
					112320	66378	81648	11448			43200
16					13520		19656				5200
17					17680		25704				6800
18					16640		24192				6400
19					14560		21168				5600
20					15600		22680				5600
21					19760		28728				8000
22					20800		12600		13895		8000
					118560		154728		13895		45600
23					16640		3024		22629		7600
24					21840				25011		8000
25					10400		6048		19056		6800
26							20160		15086	8734	7600
27						15392	3024			22629	7600
28						16354	3024			23820	8000
29						17316				21438	7200
					48870	49062	35280		81782	76621	52800
			99471	18252	375440	171717	271656	11448	95677	76621	185600

SA 065894

	Napthol Blue 8 # per gal	8½ # per gal					Amido									#10 Starc
Brake		Alpha Blue	Calc Carb	Cabolite yellow	Napthol yellow	Sodium Bicarb	Titan	Yellow	Blue	Clay			Titan Coat	alum		
6400							3200	800	400	4800				1046		1000
6000							2650	750	375	4500				981		1000
5600							3200	950	375	4100				981		1600
6800							4800	2400	400	1600				1046		1000
6000							4800	2400	400	1600				1046		2000
6800							2650	1300	400	1750				1046		3000
6400							2300	1600	400	2650				1046		1000
44000							23600	10200	2750	21000				7192		10400
6000		319					3000	1500		3000				981		800
6400		680					3200	1600		3200				1264		1200
6000		638					3000	1500		3000				1390		—
6400		680					3200	1600		3200				1482		1100
5200		553					2600	1300		2600				1264		—
6400		680					3250	1600		1600				1482		800
6800		723					4250	1700		1700				1575		2300
43200		4273					23200	10800		18300				9378		6200
5200		553					3250	1300		1300				1205		—
6800		723					4050	1700		1700				1575		1000
6400		681					4000	1600		1600				1483		2100
5600		595					3050	1460		1460				1297		2000
5600		638					3200	1500		1500				1390		—
8000		808					4054	1014		1500				1760		1000
8000		850					4054	1014		2000				1853		2000
45600		4848					25858	9528		11000				10563		8100
7600		774					3460	865		1900				1652		1000
8000		714					1480	370		3150				1373		—
6800		544					1480	370		2460				1046		2000
7600		680					6928	1730		4000				1308		1000
7600		646					7080	1770		3800				1243		1200
8000		680					7080	1770		2800				1308		1200
7200		612					7079	1771		—				1177		1200
52800		4650					34457	8648		18050				9107		7600
254		3477					102245	39176	2750	68350				36244		32300

SA 865895

Trials

July, 1979
#11

Brake	Date
	7 1
	2
	3
	4
	5
	6 7
	8
	9
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	12
	13
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	16
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	27
	28
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SA 065896

Trials

Date											Brake	Date
7 1												7 1
2 3												2 3
4												4
5												5
6 7												6 7
8												8
9												9
10												10
11												11
12												12
13												13
14												14
15												15
16												16
17												17
18												18
19												19
20												20
21												21
22												22
23												23
24												24
25												25
26												26
27												27
28												28
29												29

268590 SA

Bleached Pulps #10 July [illegible]

Date	AHW	ASW	467 George	507 Superior	520 Crestbrook	481 Kamloops	504 P. Albert	477 Celgar	397 Bl. Dryden	Eddy	Broke
1			22416	16224							6400
2			21015	2028	13520						6000
3			21015		15600						5600
4											
5			22416		16640						6800
6			12609		16640	10101					6000
7					16640	23088					6800
8					16640	23088					6400
			99471	18252	95680	56277					44000
9					15600	21645					6000
10					16640	23088					6400
11					15600	21645					6000
12					16640		24192				6400
13					13520		7560	11448			5200
14					16640		24192				6400
15					17680		25704				6800
					112320	66378	81648	11448			43200
16					13520		19656				5200
17					17680		25704				6800
18					16640		24192				6400
19					14560		21168				5600
20					15600		22680				5600
21					19760		28728				8000
22					20800		12600		13895		8000
					118560		154728		13895		45600
23					16640		3024		22629		7600
24					21840				25011		8000
25					10400		6048		19056		6800
26							20160		15086	8734	7600
27						15392	3024			22629	7600
28						16354	3024			23820	8000
29						17316				21438	7200
					48[illegible]	49062	35280		81782	76621	52800
			99471	18[illegible]	375440	171717	271654	11448	95677	76621	185600

SA 065898

Neuphor Size 8.7# per gal

8½# per gal

Amsdex +

Brake	Alpha Size	Calc Carb	Cabolite	Mapico Yellow	Sodium Bicarb	Titan	Zeolex	Size	Clay	Ultra Cote	Alum	#10 Sto
6400						3200	800	400	4800		1046	1000
6000						2650	750	375	4500		981	1000
5600						3200	950	375	4100		981	1600
6800						4800	2400	400	1600		1046	1200
6000						4800	2400	400	1600		1046	2000
6800						2650	1300	400	1750		1046	3000
6400						2300	1600	400	2650		1046	1000
44000						23600	10200	2750	21000		7192	10140
6000	319					3000	1500		3000		981	800
6400	680					3200	1600		3200		1264	1200
6000	638					3000	1500		3000		1390	—
6400	680					3200	1600		3200		1482	1100
5200	553					2600	1300		2600		1204	—
6400	680					3950	1600		1600		1482	800
6800	723					4250	1700		1700		1575	2300
43200	4073					23200	10800		18300		9378	6200
5200	553					3250	1300		1300		1205	—
6800	723					4250	1700		1700		1575	1000
6400	681					4000	1600		1600		1483	2100
5600	595					3050	1400		1400		1297	2000
5600	638					3200	1500		1500		1390	—
8000	808					4054	1014		1500		1760	1000
8000	850					4054	1014		2000		1853	2000
45600	4848					25258	9528		11000		10563	8100
7600	774					3460	865		1900		1652	1000
8000	714					1480	370		3150		1373	—
6800	544					1480	370		2460		1046	2000
7600	680					6928	1732		4000		1308	1000
7600	646					7080	1770		3800		1243	1200
8000	680					7080	1770		2800		1308	1200
7200	612					7079	1771		—		1177	1200
52800	4450					34558	8648		18050		9107	7600
1051	9377					102049	39176	2750	68850		36240	3230

5A 665898

Trials

July 1979
#11

Brake	Date
	71
	2
	3
	4
	5
	6
	7
	8
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	11
	12
	13
	14
	15
	16
	17
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	22
	23
	24
	25
	26
	27
	28
	29

SA 065900

Trials July 1979 #10

Date											Brake		Date
1													1
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29

865981 HS

Bleached Pulps #10

Date	AHW	ASW	467 George	507 Superior	520 Crestbrook	481 Kamloops	504 P. Albert	477 Celgar	397 Bl. Dryden	Eddy	Brake
7 1			22416	16224							6400
3			21015	2028	13520						6000
3			21015		15600						5600
4											
5			22416		16640						6800
6			12609		16640	10101					6000
7					16640	23088					6800
8					16640	23088					6400
			99471	18252	95680	56277					44000
9					15600	21645					6000
10					16640	23088					6400
11					15600	21645					6000
12					16640		24192				6400
13					13520		7560	11448			5200
14					16640		24192				6400
15					17680		25704				6800
					112320	66378	81648	11448			43200
16					13520		19656				5200
17					17680		25704				6800
18					16640		24192				6400
19					14560		21168				5600
20					15600		22680				5600
21					19760		28728				8000
22					20800		12600		13895		8000
					118560		154728		13895		45600
23					16640		3024		22629		7600
24					21840				25011		8000
25					10400		6048		19056		6800
26							20160		15086	8734	7600
27						15392	3024			22629	7600
28						16354	3024			23820	8000
29						17316				21438	7200
					48870	49062	35280		81782	76621	52800
			99471	18252	375440	171717	271654	11448	95677	76621	185600

SA 065902

	Nuphor Sl 8.7# per gal	8½# per gal						Amount									#10 Sta
Brake		Alpha Sizer	Calc Carb	Cabolite	Magnesy yellow	Sodium Bicarb		Starch	Zeolite	Size	clay				Extra Coat	alum	
6400								3200	800	400	4800					1046	1000
6000								2650	750	375	4500					981	1000
5600								3200	950	375	4100					981	1600
6800								4800	2400	400	1600					1046	800
6000								4800	2400	400	1600					1046	2000
6800								2650	1300	400	1750					1046	3000
6400								2300	1600	400	2650					1046	1000
44000								23600	10200	2750	21000					7192	10400
6000		319						3000	1500		3000					981	800
6400		680						3200	1600		3200					1264	1200
6000		638						3000	1500		3000					1390	—
6400		680						3200	1600		3200					1482	1100
5200		553						2600	1300		2600					1204	—
6400		680						3250	1600		1600					1482	800
6800		723						4250	1700		1700					1575	2300
43200		4073						23200	10800		18300					9378	6200
5200		553						2250	1300		1300					1205	—
6800		723						4050	1700		1700					1575	1000
6400		681						4000	1600		1600					1483	2100
5600		595						3050	1400		1400					1297	2000
5600		638						3200	1500		1500					1390	—
8000		808						4054	1014		1500					1760	1000
8000		850						4054	1014		2000					1853	2000
45600		4848						25858	9528		11000					10563	8100
7600		774						3460	865		1900					1652	1000
8000		714						1480	370		3150					1373	—
6800		544						1480	370		2400					1046	2000
7600		680						6928	1732		4000					1308	1000
7600		646						7080	1770		3800					1243	1200
8000		680						7080	1770		2800					1308	1200
7200		612						7079	1771		—					1177	1200
52800		4650						34558	8648		18050					9107	7600
1951		27771						202045	39176	3750	68350					36240	32300

065903

Bleached Pulps #11 July 1979

Analyst

Broke	Sta Lok R 130	Sulphur Sup	Calc Carb	Carbolite	Mapico yellow	Sodium Borate	Talc	Talcy	Sup	clay	alum
8000					4000				400		1199
7200					3600				360		1079
5600					3000				300		899
3200					1400				140		420
6800					3400				340		1019
8000					4000				400		1199
7600					3800				380		1139
39200					23200				2320		6954
8000					4000				400		1199
7200					3600				360		1079
6800					3600				360		1079
4500			12600								
4500			12750								
4500			12500								
5400			16150								
40900			55500		11200				1120		3357
3900			13650								—
8300			748				5460	1100		4460	1319
8000		680					4650	1000		4000	1199
6000		510					3000	750		3000	899
7600		646					4700	950		3800	1139
8000		646					4750	950		3800	1139
7200		612					4500	900		3600	1079
49000		3094	14398				27000	5650		22600	6774
4800		408					3000	600		2400	719
7200		612					4500	900		3600	1079
5700	500	238	3000				1750	350		1400	420
4800	800		4800								
4800	800		4800								
5100	850		5100								
3900			15700								
36300	2950	1258	33400				9250	1850		7400	2218
65400	2950	2002	103298		34400		36050	7500	3440	30000	19345

SA 865984

Date	A H W Bl	A S W Bl	477 Celgar	397 Eddy	481 Kamloops Weyerhaeuser	487 Marathon	507 Domtar	P. Albert			Broke
71			19080	15880							8000
2			17172	14292							7200
3			14310	11910							5600
4											
5			6678	5558							3200
6			16218		16354						6800
7			19080		19240						8000
8			18126		18278						7600
			110664	47640	53872						39200
9			19080		19240						8000
10			17172		17316						7200
11			17172		17316						6800
12			20034			6818					4500
13			21465			7305					4500
14			21465			7305					4500
15			11448		14430	8766					5400
			127836		68302	30194					40900
16					20202	6818					3900
17					31746	10714					8300
18					28860	9740					8000
19					21645	7305					6000
20			27189			9253					7600
21			27189			9253					8000
22			25758			8766					7200
			80136		102453	61849					49000
23			17172			5844					4800
24			16741			12175	7098				7200
25						6818	12168	15120			5700
26							8112	24192			4800
27							8112	24192			4800
28			1431				8619	24192			5100
29			18603				6591				3900
			52947			24837	50700	87696			36300
			371523	47640	224627	116880	50700	87696			165400

SA 065905

July 1979

Date	Ansilex	Teta	Zealex	Teta India	Unisize									Date
1														
2														
3														
4														
5														
6														
7														
8														
9														
10														
11														
12														
13														
14														
15														
16														
17														
18														
19														
20														
21														
22	600	2500												
	600	2500												
23	600	2500												
24	600	2500												
25	600	2500												
26	1200	5000												
27	1300	4900												
28	1200	5000												
29	1600	10050												
	7100	32450												
	7[illegible]	34950												

SA 065906

Unbleached Pulps July 1979
#11

Date

SA 065907

July 1979
#11

% Pct	Date	A Brake Used	B Pulp	Storage Tank Ins	C Slab Waste	D Stub Rolls	E Rej Prod	F Good Prod	G Storage Tank Adj	H Total Raw Mat	I Gross Prod	% Pct
1017	71	8000	39360		1900	—	—	36990		47360	[illegible]	82
987	2	7200	35424		2750	—	1500	35140		42624	39390	92
889	3	5600	29520		1300	—	2100	25455		35120	28855	82
	4	Holiday										
778	5	3200	3776		2600	—	—	10360		16976	12960	76
998	6	6800	36312		700	—		39770		43112	40470	93
982	7	8000	42720		—	—	1795	40680		50720	42475	83
962	8	7600	40584		150	—	3840	39620		48194	[illegible]	90
945		46400	237696		9400	—	9235	228015		284096	246650	86
1025	9	8000	42720		—	—	3730	39930		50720	43660	86
981	10	7200	38448		350	—	3780	36775		45648	[illegible]	79
1023	11	6800	38448		1250	—	—	40405		45248	41655	92
916	12	4500	39452		4200	—	—	19980		43952	24180	55
876	13	4500	41520		7430	—	800	30080		46020	38310	83
970	14	4500	42270		2200	—	780	30855		46770	33825	72
882	15	5400	51294		5600	—	—	33890		56694	39470	69
953		40900	294152		21030	—	9090	231916		335052	262035	78
983	16	3900	40670		2450	—	—	35660		44570	38110	85
899	17	8300	54108		15600	—	2460	28765		62408	[illegible]	75
995	18	8000	48930		1450	2500	—	44575		56930	48525	85
871	19	6000	36210		2300	1780	6090	24380		42210	34550	81
925	20	7600	46538		1650	2400	5735	36025		54138	45810	84
907	21	7600	46588		2350	2410	1080	40315		54188	46155	85
989	22	7200	44136		2700	1820	5710	26785		51336	37015	72
936		48600	317180		28500	10910	21075	236505		365780	296790	81
916	23	4800	29424		1300	1400	1310	23540		34224	27550	80
996	24	7200	44626		1600	2390	—	44640		51826	48630	93
1111	25	5700	41344		3400	1030	—	30800		47044	35230	74
832	26	4800	37904		1300	—	—	39520		42704	40820	95
759	27	4800	37904		2550	—	—	38240		42704	40790	95
815	28	5100	40192		600	—	—	40390		45292	40990	90
818	29	3900	40894		2850	—	1500	29980		44794	34330	76
884		36300	272288		13600	4820	2810	247110		308518	268310	87
928		172200	1121316		72530	15730	42210	942545		1293[illegible]	[illegible]	83

SA 065908

July 1111 #10

Date	A Broke Used	B Pulpa	8000 Storage Tank Ch	C Slas Waste	D Stus Cells	E Rej Prod	F Good Prod	G Storage Tank Cdy	A+F+G Total Pro Mat	C+D+E+F Gross Prod	% Rat	Date
1	6400	48840	8000	700	—	—	55460	—	55240	56160	1017	1
2	6000	45838	6400	1650	—	400	50710	+ 1600	53438	52760	987	2
3	5600	46840	6400	1900	860	4400	39440	—	52440	46600	889	3
4	Holiday											4
5	6800	49056	6400	3350	—	2520	37560	—	55856	43430	778	5
6	6000	50550	6400	950	3600	4045	47865	—	56550	56460	998	6
7	6800	48828	6400	2760	800	1380	49720		55628	54650	982	7
8	6400	47678	4800	650	—	6760	46160	+ 1600	55678	53570	962	8
	44000	337630		11950	5260	19505	326915	+ 3200	384830	363630	945	
9	6000	45864	6400	4950	—	16500	30060	− (1600)	50264	51510	1025	9
10	6400	49608	6400	400	—	—	54540	—	56008	54940	981	10
11	6000	45383	6400	650	—	2290	49250	—	51383	52590	1023	11
12	6400	50612	6400	1950	—	1940	48360	—	57012	52250	916	12
13	5200	39581	6400	1300	—	4180	33770	—	44781	39250	876	13
14	6400	49462	6400	900	—	4630	48660	—	55862	54180	970	14
15	6800	54057	6400	1400	—	4800	47480	—	60857	53680	882	15
	43200	334567		11550	—	34340	312510	− (1600)	376167	358400	953	
16	5200	39579	6400	1260	—	2200	40560	—	44779	44020	983	16
17	6800	52757	4800	1150	—	—	53820	+ 1600	61157	54970	899	17
18	6400	50813	6400	150	3000	—	52180	− (1600)	55613	55330	995	18
19	5600	44173	6400	800	2950	5430	34170	—	49773	43350	871	19
20	5600	45118	4800	950	3250	—	44180	+ 1600	52318	48380	925	20
21	8000	56864	6400	1650	5200	4050	46460	− (1600)	63264	57360	907	21
22	8000	57213	6400	2950	6050	—	54490	—	65213	63490	989	22
	45600	346517		8910	20450	11680	325860	—	392117	366900	936	
23	7600	50292	6400	2550	4650	4400	41430	—	57892	53030	916	23
24	8000	52565	4800	1900	—	1460	58560	+ 1600	62165	61920	996	24
25	6800	42298	6400	12080	3690	10030	26980	− (1600)	47498	52780	1111	25
26	7600	58320	6400	2000	2810	—	50100	—	65920	54910	832	26
27	7600	55541	6400	1900	2510	2000	41540	—	63141	47950	759	27
28	8000	56728	6400	2550	2950	2560	44720	—	64728	52780	815	28
29	7200	49416	6400	9630	730	6620	29310	—	56616	46290	818	29
	5280	365160		32610	17340	27070	292640	—	417960	369660	884	
	185600	1345874		65000	43[illegible]	9251[illegible]7925		+ 1600	1571674	1[illegible]	958	

865909 SA

August 1919
#10

Date	Superior	P Albert	Sod Bear	Clay	Calc Carb	Amsler	Tita	Broke	
730									730
31									31
81									81
2									2
3									3
4									4
5									5
6									6
7									7
8						10-0979	15460 #1		8
9									9
10	12168	8064	40	800	700	800	2800	2800	10
11									11
12									12
	12168	8064	40	800	700	800	2800	2800	
13									13
14									14
15									15
16									16
17									17
18									18
19									19
20									20
21									21
22									22
23									23
24									24
25									25
26									26
	12168	8064	40	800	700	800	2800	2800	

SA 065910

Trials

August 1979
#11

Broke		P. Albert	Mapico	alpha Size	clay	alum
	730					
	31					
	81					
	2					
	3					
	4					
	5					
	6					
	7					
	8					
	9					
2800	10					
	11					
	12					
2800						
	13					
	14					
	15		11-1047	29	640#	
	16	32256	3200	680	1500	959
	17					
	18					
	19					
		32256	3200	680	1500	959
	20					
	21					
	22					
	23					
	24					
	25					
	26					
2800		32256	3200	680	1500	959

SA 065911

July 1979 #11

% Rat	Date	A Brake Used	B Pulpwood	Storage Inv	Slab Waste	Slab Rolls	Rej Pitch	Good Prod	Storage Tank Dry	Total Raw Mat	Gross Prod	% Rat
1017	71	8000	39360		1900	—	—	36990		47360	[illegible]	[illegible]
987	2	7200	35434		2750	—	1500	35140		43634	[illegible]	[illegible]
889	3	5600	29520		1300	—	2100	25455		35120	28856	[illegible]
	4	Holiday										
778	5	3200	37776		2600	—	—	10360		16976	12960	76
998	6	6800	36312		700	—	—	39770		43112	[illegible]	[illegible]
982	7	8000	42720		—	—	1795	40680		50720	[illegible]	[illegible]
962	8	7600	40584		150	—	3140	39620		48184	[illegible]	90
945		46400	237696		9400	—	7235	228015		284076	246650	86
1025	9	8000	42720		—	—	3730	39930		50720	43660	86
981	10	7200	38448		350	—	3780	36775		45648	[illegible]	[illegible]
1023	11	6800	38448		1250	—	—	40405		45248	41655	92
916	12	4500	39452		4200	—	—	19980		43952	24180	55
876	13	4500	41520		7430	—	800	30080		46020	38310	83
970	14	4500	42270		2200	—	780	30855		46770	33835	72
882	15	5400	51294		5600	—	—	33890		56694	39470	69
953		40900	294152		21030	—	9090	231916		335052	262035	78
983	16	3900	40670		2450	—	—	35660		44570	38110	85
899	17	8300	54108		15600	—	2460	28765		62408	[illegible]	75
995	18	8000	48930		1450	2500	—	44579		56930	48525	85
871	19	6000	36210		2300	1780	6090	24380		42210	34550	81
925	20	7600	46538		1650	2400	5735	36025		54138	45810	84
907	21	7600	46588		2350	2410	1080	40315		54188	46155	85
989	22	7200	44136		2700	1820	5710	26785		51336	37015	72
936		48600	317180		28500	10910	21075	236505		365780	296770	81
916	23	4800	29424		1300	1400	1310	23540		34224	27550	80
996	24	7200	44626		1600	2390	—	44640		51826	48630	93
1111	25	5700	41344		3400	1030	—	30800		47044	35230	74
832	26	4800	37904		1300	—	—	39520		42704	40820	95
759	27	4800	37904		2550	—	—	38246		42704	40790	95
815	28	5100	40192		600	—	—	40390		45292	40990	90
818	29	3900	46894		2850	—	1500	29980		44794	34330	76
884		36300	272288		13600	4820	2810	247110		308588	266310	87
928		172200	1121316		72530	15730	42210	944545		1293576	[illegible]	83

July 1979 #10

down +
up −

Date	A Broke Used	B Pulps	8000 Storage Tank Inv	C Slab Waste	D Stub Rolls	E Rej Prod	F Good Prod	G Storage Tank Adj	A+B+G Total Raw Mat	C+D+E+F Gross Prod	% Ret	Date
71	6400	48840	8000	700	—	—	55460	—	55240	56160	101.7	71
2	6000	45838	6400	1650	—	400	50710	+1600	53438	52760	98.7	2
3	5600	46840	6400	1900	860	4400	39440	—	52440	46600	88.9	3
4	Holiday											4
5	6800	49056	6400	3350	—	2520	37560	—	55856	43430	77.8	5
6	6000	50550	6400	950	3600	4045	47865	—	56550	56460	99.8	6
7	6800	48828	6400	2750	800	1380	49720	—	55628	54650	98.2	7
8	6400	47678	4800	650	—	6760	46160	+1600	55678	53570	96.2	8
	44000	337630		11950	5260	19505	326915	+3200	384830	363630	94.5	
9	6000	45864	6400	4950	—	16500	30060	−(1600)	50264	51510	102.5	9
10	6400	49608	6400	400	—	—	54540	—	56008	54940	98.1	1
11	6000	45383	6400	650	—	2290	49650	—	51383	52590	102.3	1
12	6400	50612	6400	1950	—	1940	48360	—	57012	52250	91.6	1
13	5200	39581	6400	1300	—	4180	33770	—	44781	39250	87.6	1
14	6400	49462	6400	900	—	4630	48650	—	55862	54180	97.0	1
15	6800	54057	6400	1400	—	4800	47480	—	60857	53680	88.2	1
	43200	334567		11550	—	34340	312510	−(1600)	376167	358400	95.3	
16	5200	39579	6400	1260	—	2200	40560	—	44779	44020	98.3	1
17	6800	52757	4800	1150	—	—	53820	+1600	61157	54970	89.9	1
18	6400	50813	6400	150	3000	—	52180	−(1600)	55613	55330	99.5	1
19	5600	44173	6400	800	2950	5430	34170	—	49773	43350	87.1	1
20	5600	45118	4800	950	3250	—	44180	+1600	52318	48380	92.5	2
21	8000	56864	6400	1650	5200	4050	46460	−(1600)	63264	57360	90.7	2
22	8000	57213	6400	2950	6050	—	54490	—	65213	63490	98.9	2
	45600	346517		8910	20450	11680	325860	—	392117	366900	93.6	
23	7600	50292	6400	2550	4650	4400	41430	—	57892	53030	91.6	2
24	8000	52565	4800	1900	—	1460	58560	+1600	62165	61920	99.6	2
25	6800	42298	6400	12080	3690	10030	26980	−(1600)	47498	52780	111.1	2
26	7600	58320	6400	2000	2810	—	50100	—	65920	54910	83.2	2
27	7600	55541	6400	1900	2510	2000	41540	—	63141	47950	75.9	2
28	8000	56728	6400	2550	2950	2560	44720	—	64728	52780	81.5	2
29	7200	49416	6400	9630	730	6620	29310	—	56616	46290	81.8	2
	52800	365160		32610	17340	27070	292640	—	417960	369660	88.4	
	185[illegible]	13[illegible]874		65020	43[illegible]	92[illegible]	1257925	+1600	1571074	14[illegible]	92.8	

SA 065913

Treats

August 1979
10

Date	Superior	P Albert	Sod Bear	Clay	Calc Carb	Anselm	Tita		Broke	
730										730
31										31
81										81
2										2
3										3
4										4
5										5
6										6
7										7
8						10-0979	15460			8
9										9
10	12168	8064	40	800	700	800	2800		2800	10
11										11
12										12
	12168	8064	40	800	700	800	2800		2800	
13										13
14										14
15										15
16										16
17										17
18										18
19										19
20										20
21										21
22										22
23										23
24										24
25										25
26										26
	12168	8064	40	800	700	800	2800		2800	

SA 065914

Trials

August 1979
#11

		P. Albert	Mapico	alpha Size	clay	alum
roke	730					
	31					
	81					
	2					
	3					
	4					
	5					
	6					
	7					
	8					
	9					
900	10					
	11					
	12					
800						
	13					
	14					
	15		11-1047	29	640#	
	16	32256	3200	680	1500	959
	17					
	18					
	19					
		32256	3200	680	1500	959
	20					
	21					
	22					
	23					
	24					
	25					
	26					
00		32256	3200	680	1500	959

SA 865915

MAY 1981

Mill D Chemicals

DATE	GLUE	SIZE	C-7	J	CHINCO 55	TiO_2	SODIUM ALUMINATE
4-27	147	360			4800	15000	1
28	147	360			1600	12000	1
29	294	1020			4800	9500	1
30							
5-1	196	480			8000	10000	
2	49	480			6400	9000	
3	98	360			6400	10500	
4	—	480			8000	8500	
5	98	600			4800	8500	
6	98	480			3200	3750	
7	98	480			3200	5500	
8	—	720			6400	16800	
9	49	—			6400	9200	1
10	49	720			4800	550	2
11	29	720			4800	900	3
12	98	720			9600	13200	2
13	49	240			4800	9750	—
14	98	600			8000	5400	2
15	98	360			9800	1250	
16	98	120			11200	12500	
17	147	360			11200	12500	
18	98	360			8000	12500	
19	98	240			9600	12500	
20	98	360			8000	12500	
21	51	240			8000	12500	
22	146	240			11200	9500	1
23	98	240			12800	19250	1
24	147	240			9600	17750	1
	2676	11580			195400	392300	16
						270,800	

5A 065917

H. VOGLER

MAY 1981

M.11 E Chemicals

DATE	HT CLAY	CAMIL WHITE	CAUSTIC SODA	TSPP	AMMONIA x6.82	BORAX	NOPCO 1407	FORMALDEHYDE	PROCOTE PROTEIN	LATEX 620 x 50
Wk of 4/27	35000	169	–	91	273	195	650	325	5200	7800
Wk of 5/3	35000	156	30	84	252	180	480	300	4800	7200
Wk of 5/10 + Wk of 5/17	72500	351	140	240	567	800	1080	675	10800	16200
	142500	676	170	415	1092 x6.82 = 7447	1175	2210	1300	20800	31200 x.5 = 15600

SA 065918

May 1981

Blade Coater Chemicals

DATE	LATEX 673 (x3.48)	DF 122	DC 111 (x8.18)	KELGIN	TSPP	CLAY HT	AMMONIA (x6.82)	UVITEX	CAMIC WHITE	PG 280	STAYSIZE 112
4 27	584	40	20	60	47	2032	36	68	150		
28	—	24	—	16	10	938	16		100		
29	—	48	—	32	20	1876	32		200		
30	—	36	—	24	15	1407	24		150		
5-1	—	48		32	20	1876	32		200		
2	—	36		24	15	1407	24		150		
4	—	48		32	20	1876	32		200		
5	—	24		16	10	997	31		100		
6	—	48		37	20	1876	32		200		
7	540	72	36	24	15	2172	69		2850	4500	
8	420	88	28	40	25	5883	75		2350	3500	
9/10	240	58	16	28	18	1982	48		1400	2000	
11	—	48	—	32	20	1876	32		200		
12	—	36		24	15	1407	24		150		
13	—	48		32	20	1876	32		200		
14	—	36		24	15	1407	24		150		
15	—	48		32	20	1876	32		200		
16	—	36		24	15	1407	24		150		
17	—	60		40	25	2345	40		250		
19	—	24		16	10	938	16		100		
20	180	84	12	46	28	2941	61		1200	1500	
21	457	56	26	39	31	2372	50	34	1350	2000	
22	868	16	40	60	64	2500	24	136	—	—	
23	434	8	20	30	32	1250	12	68			
	3723	1070	198	764	570	46517	822	306	12000	13500	
	x3.48 = 14818 ✓	✓	x8.18 = 1620 ✓	✓	✓	✓	x6.82 = 5606 ✓	✓	✓	✓	

NOP

SA 065919

	NOPCO 120 B	X10 NOPCO K	CALGON T	CMC 7L	SCRIPSET 720	FC 807	X4.33 LATEX 620	BORAX	PROTEIN LV	SODIUM NITRATE	ETHANOL	X9.07 BERSET
		6			—		660	45	900	3200		23
		4			10		440	30	600	6400		15
		8					880	60	1200	4800		30
		6					660	45	900	2100		23
		8					880	60	1200	—		30
	1	6					660	45	900	—		23
		8					924	60	1200	4000		30
		4					583	30	1200	5300		19
		—					880	60	1150	4000		30
		15	27				660	45	900	—		23
	1	17	21				1100	75	1500	—		38
		11	12				770	53	1050	8000		26
		8					880	60	1200	3200		30
		6					660	45	900			23
		8					880	60	1200			30
		6		68			660	45	900	5000	125	23
		8					880	60	1200	1600		30
	1	6					660	45	900			23
		10					1100	75	1500	4800		37
		4					440	30	600	5600		15
		14					880	85	1200			45
	1	10	12				660	45	900			23
	1											
	5	173	72	68	10		16797	1158	23700	58000	125	589
		X10 = 1730					X 1.33 = 22331					X 9.07 = 5354

Glycerine	LATEX 6107	753-B CLINSIZE
		2500
		4000
		3000
		1300
		—
		—
		2500
		3000
		2500
		—
		—
		5000
		2000
		—
		—
		4000
		1000
		—
		3000
		3500
9	365	
9	365	37300
	4.37	✓
	7595	
	✓	

MACHINE 5+6
MAY 1981

Pulp Used in Hydropulpers

DATE	Prince Al	Eddy HW	Westvaco	Nekoosa	Pulp Sub	AlSW	Al HW	Western HW	HARMAC	Pulp Sub	484 [illegible]	Edgar
4-27	64	16	48	148	29	20	—					
28	62		18	111			24					
29	56			81			63					
30	84			102			92					
5-1	64			100			82					
2	56			104			80					
3	64			100			82					
4	64			11		98	70	9				
5	56			—		116	28	50				
6	40			—		39		37	65			
7	52			—		81		48				
8	60			108		18		59				
9	48			159			2	63		49		
10	44			132			118	11		2		
11	56			128			63	14				
12	52			92			53					
13	56				4	99	43	4				
14	48				—	88	38					
15	56				8	89	26				17	
16	52				2	—	—					1
17	52					—	—					16
18	52	50				—	18					1
19	32	35				100						
20	44	52				100						
21	60	7				51			70		36	
22	64	—				125					48	
23	72	30				120					18	
24	76	51				124					19	
	1586	241	66	1376	43	1268	882	295	135	51	128	4
	503	409	311	511		508	513	471	504	1000	484	
	797758	98569	20526	703136		644144	42466	138945	86040	51000	61952	2

[redacted]

5A 065922

484

	Colgan SW	Eddy SW	TOTALS
			325
			215
			200
			278
			246
			240
			246
			252
			250
			181
			181
			245
			321
			307
			261
			197
			206
			174
17			196
	144	30	228
	164		216
	102		222
	15		182
			196
26			214
48			237
18			240
19			270
128	425	30	6526
484	474	285	
1952	201450	11640	

Col Chlor 615

Map % 47160

325
351
405
324
297
378
351

Mach 7+8+9
May 1981

Pulp Used in Hydropulpers

DATE	Prince Al	Al HW	Pontiac HW	Al SW	Eddy SW	Eddy HW	Nekoosa	Kamloops	Marathon	Crestbrook	Southwest Nard	West
4-27	108	42	33	72	81							
28	195	77	20	68	–							
29	181	119		96								
30	88	150		146								
5-1	72	150		186								
2	72	131		201		4						
3	40	29		145		50						
4	200	72		142		68						
5	134	119		177								
6	115	103		130								
7	12	103		201	8							
8	128	124		144								
9					108	165	156	27				
10		120			88	54	68	126				
11		171		22	72		68	56	44			
12		141		75	64			32		90		
13		5		175	107					9	124	
14		106		116	222							
15	72	86		163	123							
16	120	75		177								
17	120	94		182						12		
18	108	94		140						18		
19	207	12		92		85						
20	99	24		120		57						
21	–	12		242		76						
22	66	–		135								
23	126	52		169								
24		88		84						92		
	2263	2269	53	3600	873	559	292	240	44	221	124	
	X503	X513	X508	X508	X388	X409	X511	X491	X483	X513	X515	
	1138289	1163997	26924	1828800	338724	228631	149212	117840	21252	113373	63860	122

[redacted]

SA 065924

OUTHWEST HARD	Westvaco	Grande Bruno	TOTALS	TOTAL weight	Regular	Dyed Red	7
			336	12000	1 4000	2 8000	
			360	20000	—	5 20000	
			396	28000	2 8000	5 20000	
			384	32000	3 12000	5 20000	
			408	24000	—	6 24000	
			408	24000	—	6 24000	
			264	16000	—	4 16000	
			482	—	—	—	
			430	—	—	—	
			348	28000		8 28000	
			324	25200		6 25200	
			396	28000		9 28000	
			456	31000	1 3000	6 28000	
			456	24000	1 4000	5 20000	
			432	22000	2 9000	3 13000	
			372	27000	1 4000	5 22000	
124			420	26600	1 4000	3 22600	
			444	32600	1 4000	6 28600	
			444	24000		5 24000	
			372	33500	2 8500	5 25000	
			408	33600	2 10000	5 23600	
			360	25000		5 25000	
			396	25000		5 25000	
			300	29000	1 4000	5 25000	
	76		406	34000	3 14000	4 20000	
	180		381	29500	5000	4 24500	
	132		479	25000	—	5 25000	
	6	96	366	14800	—	3 14800	
124	394	96	11028	663800	93500	570,300	
x575	x311	x550					
3860	122534	52800					

SA 065925

MACHINE 5+6

MAY 1981

Chemicals Used in Beaters

DATE	ALUM	SIZE x.31	CLAY	ANSILEX	SCM TIO2	DUPONT	TIO2 PURE	CYCLO FIL	ALPHA SIZE	AX
4-27	200	2698	5350	50			2800			
28	200	2630	—	—			5350			
29	200	2650	—	350			5295			
30	200	2900	—	950			6150			
5-1	200	2700	—	1150			7050			
2	175	2450	—	1050			—			7250
3	200	2800	—	1200			—			8400
4	175	2850	1800	900			—			7850
5	200	3150	1800	1650			800			8150
6	144	2363	1000	1288		810	5563			
7	150	2000	—	1100		—	3850			
8	175	3170	2900	300		720	1425			600
9	150	3130	2950	—						4450
10	175	2800	3750	—						2500
11	150	2740	2400	200						3400
12	175	2800	—	800						3600
13	175	2550	—	750						2250
14	175	2450	—	700						2100
15	175	2550	—	750						2250
16	175	4800	450	—						—
17	175	5850	—	—						—
18	150	2600	1700	1700						5950
19	150	2640	400	400						2650
20	210	2635	500	300			1500			
21	280	1540	1400	150			2850			
22	280	2510	2100	—			3250			
23	315	2700	1800	—			2700			
24	248	2800	1700	875			3250			

TOTAL	YELLOW	BLACK	ORANGE	LIG GREEN	Pont GREEN	Solgr Blue	Red
11098	22	104	4	59	—	288	
8080	43	157	4	119	—	—	
8495	54	168	11	60	—	5	
10200	62	204	15	31	—	15	1
11100	20	282	4	—	—	161	—
10925	18	266	4	22	—	148	—
12600	13	248	4	32	—	134	—
13575	11	268	4	36	—	164	—
15750	12	239	4	36	—	125	—
11168	9	145	3	20	+46*	110	—
7100	—	125	—	22	—	120	—
9290	155	70	16	6		107	
10680	639	140	37	—	—	—	
9225	494	143	38	—	—	—	
8840	270	96	22	8		36	
7375	—	47	—	42	—	55	
5725	—	67	—	45	—	24	
5425	—	70	—	49	—	9	
5725	—	75	—	45	—	14	
5425	—	—	—	—	—	101	
6025	—	—	—	—	—	75	
12100		166				218	
6240	94	46	7			45	
5145	93	53	15	3		84	
6290	—	64	—	8	152*	164	
8140	311	164	52	8	—	117	
7515	323	241	57	9		104	
8873	332	214	54	4		39	4
	186	241	22	41	298	157	

SA 065927

MACHINE 7+8+7
MAY 1981

Chemicals Used in Beaters

NALCO 680

DATE	ALUM	SIZE X-3-1	CLAY	ANX	Sem TiO2	Dupont	TiO2 Pure	AX	~~ALPHASIZE~~	LW
4-27	1585	7180	1260	6550				1500	196	12465
28	1510	10500	910	2900					225	11245
29	1890	11340	1950	2550					261	9600
30	2295	7820	1430	2650					261	10905
5-1	2580	7340	1450	3050				100	258	12315
2	2430	6260	650	4050				10650	243	4585
3	2265	6810	—	5275				11550	227	—
4	2265	10500	—	1950				10305	240	1860
5	1755	11920	150	1000				3600	228	1890
6	1755	11420	3800	250				—	225	4455
7	1620	7510	1300	—				1650	165	5310
8	2580	10260	1200	4150				13600	258	5040
9	2648	9870	150	738				3500	259	5040
10	2370	12720	1220	—				—	288	500
11	2460	12460	1800	—				875	299	—
12	3183	6125	360	4650				950	218	10193
13	2475	6600	1050	1425				2550	247	4174
14	2485	10660	2400	1125				4475	254	540
15	2430	8840	450	2000			4250	1650	279	4140
16	2300	6120	1550	4450				7040	249	4455
17	2430	6380	3770	2550				1550	261	10080
18	1890	7270	1600	3875				1350	239	11410
19	1890	11000	3900	1800				—	276	6185
20	1745	7720	600	4400			10700	—	234	4180
21	2610	7380	750	2350			9000	—	258	4380
22	1735	6080	3600	2750			2150	—	219	7200
23	1520	7800	1700	6750			16550	—	220	2400
24	990	6100	—	6200			17800	—	201	395

SA 065928

[illegible]	Yellow	Black	Orange	Lig Green	Rot Green	Sky Blue	Red	Green	Vlg
29386	121	175	3			72			
27340	66	160	3			90			
26991	216	127	10			95			
25361	195	137	6	59		171			
27093	4	170	—	204		232			11
28868	34	336	7	337		196			
26127	61	252	16	306		110			
27120	63	229	15	240		67			
20543	74	114	5	60		—			
21905	134	104	29	104		—			
17255	99	194	13	72		12			
37088	155	174	43	151		53			
22205	126	175	6	204		92			
17098	—	48	—	449		87			
17894	211	63	15	340		74			
25679	98	71	5	462		110			
18521	18	201	5	839		119			
21939	16	199	14	—		27			
24039	126	162	35	—		129			27
26164	160	192	38	50		156			
27021	64	137	14	264		321			
27634	41	57	13	246		58			
25051	6	57	15	90		66			
29579	5	165	27	—		301			
26728	245	163	33	—		258			
23734	2	109	17	108		92			
36990	11	311	26	57		122			
31686	13	232	24	—		100			
	148	282	27	290		195			2

SA 065929

ED ARNOLD
JUNE 1981

Mill C Chemicals

DATE	ALUM (545)	CLAY (x3960)	SIZE (x.31)	CLNSIZE (7539)	STAYZINC (Ø)	STAYSIZE (112)	TIO2	ANSILEX	DEFOAMER	KAL CHEM (145)	SODIUM NITRATE
5-25	550	7	3531				3550	800		15	100
26	650	9	3370				3800	800		15	75
27	700	5	2860		200		3625	650		15	75
28	550	5	3561		3600		1900			15	50
29	600	7	3571		6000		1800			15	50
30	500	7	2700		7200		100			15	50
31	400	3	5239		3600					15	25
6-1	350	3	7233		2400					15	—
2	525	6	2671		6000					15	125
3	775	4	4211		7000		7775	2500		15	75
4	500	5	3220		6000		3350	2200		15	25
5	550	7	2890		7200		2150	1175		15	175
6	575	6	3551		7200		1350	—		15	125
7	725	6	3252		8400		900	—		15	150
8	750	8	4971		8400		4050	1500		15	150
9	500	9	3715		10800		5850	2700		15	150
10	725	8	2781		8400		4100	1400		15	200
11	1075	6	2974		8400		4350	1300		15	100
12	900	8	3394		8400		5350	2200		15	225
13	850	9	3114		9600		6600	1750		15	125
14	925	6	2747		9600		8600	4150		15	200
15	75	1	1963		1200		4150	1350		15	75
16	850	1	1987		1200		4500	1500		15	75
17	250	1	1611		1200		4050	1350		15	25
18/19	450/700	-/6	1223/3332		1200/4800	2000	4200/5025	1450/1950	15/	15	75/75
20/21	600/900	6/5	2756/4370		1200/6000	4200/	6500/5400	3100/2200	15/	15	25/250
22/23	750/925	4/7	6160/3060		3600/4800		3700/7350	1800/2800	15/	15	100/100
24/25	925/650	5/15	3679/3551		6000/4800		7650/7450	3600/3500	15/	15	175/125
26/27	750/875	4/5	3360/4210		3600/		6250/7000	2910/3300	15/	15	250/250
28/29	925/875	4/4	3425/3108				7200/3600	3400/1800	15/	15	300/350
30	500	5	3335				6000	2500		15	150
	23575	19.x3960	126346.x.31		166000	6200	159275	62135		555	4750
		780120	39167							7.91	

PARA

25

SA

865930

[redacted]

...IUM ...RATE	PARAMEL	Alum on Mach.	Clay Tank	Douglas Starch	CLINTON 677B	CALIUM CHLORIDE	Soda Ash
		540	3000		7200		
		720	4000		7200		
		720	2100		3400		
		540	2100				
		540	2400				
	1040	900	2800				
	35500	360	1400				
	30000	360	1400				
		540	2600				
		720	1800				
		540	2300				
		540	3100				
		540	2900				
		720	2500				
		720	3400				
		540	3900				
		720	3400				
		900	2500				
		900	3600				
		360	3700				
	3500	900	3200				
		—	300			1000	1000
		180	400			900	900
		180	200			925	925
		360/540	200/3000			850/ —	850/ —
	20380	540/900	2700/2200				
	25800/1500	720/900	1600/3100				
		900/720	2300/2300				
		720/900	1800/2200		4800		
		900/900	1800/1800		5000/4800		
		540	2100		6000		
	117720	23220	83310		38400	3675	3675

JUNE 1981

Mill D Chemicals

DATE	GLUE	SIZE	C-7	J	CLINCO 55	TiO2	SODIUM ALUMINATE
5-25	147	240			8000	4850	1
26	98	240			9600	13350	1
27	98	240			8000	13800	1
28	98	120			14400	14400	1
29	98	360			11200	9500	
30	98	360			9600	9000	
31	49	600			11200	8500	
6-1	98	360			8000	8500	
2	143	600			8000	9000	
3	150	360			9600	9500	
4	196	360			4800	9000	
5	91	—			3200	8300	28
6	297	120			3200	6800	
7	49	480			6400	5200	
8	343	600			6600	3650	
9	186	120			6400	2700	
10	147	360			12800	12500	
11	196	360			8000	12500	
12	196	240			9600	12500	
13	295	120			11200	12500	
14	243	240			8000	12500	
15	196	480			4800	12500	
16	147	480			6400	12500	
17	245	240			8000	12500	
18/19	98/195	240/240			6400/7600	12500/6350	/1
20/21	196/196	360/240			9600/9600	10450/18800	1/2
22/23	47/196	120/240			4800/6400	16350/15350	1/1
24/25	49/196	360/600			9600/8000	16500/16100	2/2
26/27	147/147	360/360			8000/11200	9500/10000	
28/29	146/196	480/720			14400/14400	12500/6600	
30	196	240			11200	6500	
	5909	12780			319000	376700	42

H V
JU
DA
Wk of
Wk of
Wk of

[redacted]

H VOGLER
JUNE 1981

Mill E Chemicals

DATE	HT CLAY	CAMIC WHITE	CAUSTIC SODA	TSPP	X6.82 AMMONIA	BORAX	NOPCO 1407	FORMALHYDE	PROTEIN PROTEIN	X.50 LATEX 620	[illegible] 13 x P
Wk of 5-25	30000	130	30	70	210	150	400	250	4000	6000	
Wk of 6/1 6/8	75000	364	150	280	700	420	900	700	11200	18000	2
Wk of 6/15/22	77000	400	130	260	650	460	1540	770	12350	18500	
29+30											
	182000	894	310	610	1560 x 6.82	1030	[illegible]	[illegible]	[illegible]	[illegible]	
					10637						

Blade Coater Chemicals

JUNE 1981

DATE	LATEX 673 x3.98	DF-122	DC-111 x8.18	KELGIN	TSPP	CLAY HT	AMMONIA x6.82	UVITEX	CAMIL WHITE	AG 280	STAYSIZE 112
5-25	1519	28	70	105	112	4375	12	238			
26	868	16	40	60	64	2500	24	136			
27	718	16	40	66	64	2500	24	136			
28	501	24	30	54	63	1875	24	102			
29/30	167	60	10	18	86	625	34	34			
6-1	167	4	10	18	52	625	6	34	18200	400	
2	334	8	20	36	39	1250	12	34	3500	100	
3	848	28	52	72	64	2755	39		900	1500	
4	921	40	58	54	48	2470	53	74	2100	3500	
6/7	180	12	12	—	—	255	15		900	1500	
5	358	36	25	16	13	1207	36	17	1550	2500	
8	—	46	—	30	—	1760	34	—	200		
9	—	36	—	24	15	1407	24	—	150		
10	—	36		24	15	1407	24	—	150		
11	250	30	14	40	32	1772	24	—	100		
12	—	48	—	32	20	1876	32		200		
13	—	12		8	5	469	8		50		
15	—	48		32	20	1876	32	—	200		
16	—	36		24	15	1407	24	—	150		
17	—	36		24	15	1407	24		150		
18	—	46		29	19	1720	30		200		
19	—	60		32	25	2345	32		250		
20		24		16	10	938	16		100		
22		48		32	20	1876	32		200		100
23		36		24	15	1407	37		150		1500
24		24		16	10	1021	24		100		
25		48		24	15	1876	45		150		3000
26	330	86	16	104	67	4067	57		350		
29	1005	32	52	125	85	2605	45		900	1500	
30	660	16	32	100	68	1880	24				
	8826 x3.98		48 x 8.18				877 x 6.82				
	35127	1020	3934	1234	1076	53553	5981	805	30700	11000	[illegible]

NOP
1

SA 065934

SIZE 112	NOPCO 120 B	NOPCO K (x10)	CALGON T	CMC 7L	SCRIBET 720	FC807	LATEX 620 (x4.33)	BORAX	PROTEIN LV	SODIUM NITRATE	BEPSET	CLINSIZE 753 B
	1				51	15						
	1	20			238	70						
		4										
		3	9									
		7	21									
		3	9	75					2500	8800		
		7	15				220	15	300		7	
		7					660	55	1100	6400	28	
		6					660	45	900	3200	22	
		6					660	45	900		23	
		4					440	30	600		15	
		8					880	60	1800		30	
		2		25			220	15	300	6400	8	
		8		50			880	60	1200	5600	30	
		6					660	45	900	6100	23	
		6					660	45	900		23	
		8					660	55	1100		28	
		10					1100	75	1500		38	
		4					440	30	600		15	
200		8					880	60	1200	2400	30	
1500		6		125			660	45	1600		23	
		4					440	30	600		15	
3000		7		50			795	93	1700	5600	29	
		13					1465	100	2000		50	
		3	9									
		160x10					1280x4.33					
1700	2	1600	63	325	289	85	5360	883	21700	45000		

065935 SA

gallons

EWANOL PENCORE 74B GYLCERINE ATLAS 239 LATEX 6107

1600 56 108
300 10 21

225

150

75
150

375

175

1600 1[illegible] 66 129 150 x 4.37 456

SA 065936

March 1986
June 1981

Pulp Used in Hydropulpers

DATE	BONCEAI	EDDY HW	WESTVACO	NEKOOSA	PULPSUB	A/SW	WESTERN HW	A/HW	HARMAC	PORT HURON	CEDAR	EDDY
26	64	39				112				16		
27	36	31				100				9		
25	68	62				124				17		
28	64	27				108						
29	64	43				112						
30	48	47				78						
31	64	—			44	—					149	
6-1	53	—			14	11					126	
2	37	31			14	120						
3	16	34			11	164						
4	12	12			45	195		33				
5	39	—			43	157		43				
6		—			33	111		33				
7		41			17	90		18				
8		34			—	101		80				
9					34	102		100				
10					—	73		100				
11					19	72		106				
12					34	109		85				
13					39	110		86				
14					31	93		100				
15								36	200			
16								40	180			
17								6	185			
18/19						110		36/63	170			90
20					66/36			84/62			81	100
23								41/84			111/90	90
24					17/			94/96			87/96	90
26								36/56			54/84	90
27								86/60			93/90	60
30	x96	x41			x10	92 x51		18 x96	x498	x154	77 x172	
	513	401			395	2446		1682	735	42	1138	16
	277418	164811				232784		849410	366030	20328	537136	6

[redacted]

065937 SA

EDDY SW	GRANDE PRIARE	Pontiac HW	TOTALS			MAPICO Yellow
			231			
			176			
			271			
			199			4800
			219			4800
			173			3600
	27		284			4800
	39		243			4800
			202			4800
			225			4500
		15	300			4500
		3	285			4200
	36		213			3600
	33		189			3300
	60		275			—
24	40		300			—
68			241			
68			265			
84			312			
76			311			
95			319	Calcium Chloride	Solarish	
90			326	1000	1000	
100			320	900	900	
90			281	925	925	
90/85			296/258	850	850	
100/95	/27		250/301			
90/60	35/		294/234			
90/80			271/272			
90/80		34/32	214/252			
60/	8/64		247/214			600/4800
			197			4200
1615	369	84	9460	3675	3675	57300
637925	202750	42420				

SA 065938

MACH 7+8+9
JUNE 1981

Pulp Used in Hydropulpers

DATE	Prince Al	Al HW	Pont HW	Al SW	Eddy SW	Eddy HW	Nekoosa	Kamloops	Marathon	Crestbrook	SW HW
5-25	30	4		228					4		
26	66	—		33							
27	36	67 [illegible]		170							
28	60	114		198							
29	12	78		144							
30	—	114		210							
31	80	110		174							
6-1	154	44		18							
2	30	84		76	42						
3	10	94		140	63						
4	33	102		91	93						
5	4	77		88	115						
6		84		170	178						
7		97		68	183						
8		134		96	166						
9		195		159	90						
10		159		159	114						
11		138		100	144						
12		138		141	117						
13		120		141	126						
14		58		74	180						
15		—		88	162						
16		—		64	117						
18		92		120	—						
17		81		136	9						
19/20	36	88/81		160/149							
21-22	54/20	68/85		111/68	67						
23-24		116/97		32/90	188/78						
25-26		76/98		40/66	179/145						
27-28		116/84		118/178	108/120					26/	
29-30		100/82		174/220	110/40						
	625	3275x525		4392x521	2933x345				4x483	26 1517	
	316252	1653873		2213568	1158535				1932	13:38	

We

SA 065939

Westvaco KN	Grande Prairie	Celgar	Prince Geo	Western KN	Totals	Total Wt	Regular	Dyed Red
174		4			444	25000	—	5 25000
102					201	19500	5000	14500
42					315	25000	10000	15000
					372	44400 19800	~~24600~~	~~19800~~
					234	30000	20000	10000
					324	29000	9000	20000
	8	24			396	30000	15000	15000
	84	12			312	9000	9000	—
	18	24	72		346	25000	25000	—
	10	24	25		366	25000	20000	5000
		26			345	25000	20000	5000
		14			298	25000	—	25000
		16			348	25000	—	25000
					348	30000	10000	20000
					396	29000	4000	25000
					444	28800	4000	24800
					432	20000	—	20000
					382	30000	—	30000
					396	29500	—	29500
				9	396	20000	—	20000
				60	372	19000	4000	15000
	30			104	384	30000	—	30000
	60			107	348	20000	—	20000
	60				272	20000	—	20000
	90				316	25000	—	25000
	90/ 70				338/336	25000/15000		25000/15000
	55/ 45	/3			288/288	20000/26900	/6900	20000/20000
		24/ 21			360/286	35510/30000	15510/5000	20000/25000
		21/ 18			315/327	25000/29000	5000/4000	20000/25000
		12/			380/382	29000/25000	10000/5000	19000/20000
					384/342	35000/10000	10000/ —	25000/10000
318 (31)	620 x 30	243 x 42	97 x 42	280 x 49	12813			
98898	34100	114096	45784	131320		943610	236210	107400

SA 065940

MACH 5+6
JUNE 1981

Chemicals Used in Heaters

DATE	ALUM	SIZE X31	CLAY	ANSILEX	SIM TiO_2	DUPONT	TiO_2 Pure	Cyclo-Fil	Alpha Size	AX
5-25	200	2750	1800	800			3550			
26	200	2670	700	800			3600			
27	163	2405	—	650			3625			
28	225	3400	—	—			1800			
29	219	3075	1000	—			1800			
30	150	1790	4000	—			—			
31	175	5300	—	—						
6-1	225	5400	—	—						
2	175	1640	3200	—						
3	200	3110	1200	2500			7775			
4	188	2290	2200	2200			3350			
5	213	2485	4000	1500			2175			
6	150	2810	3800	—			1250			
7	188	3620	4400	—			900			
8	210	3280	3100	1500			3950			
9	280	3415	1300	2700			5750			
10	280	2490	3400	1400			4000			
11	350	2450	4600	1300			4250			
12	315	2480	3700	1800			5350			
13	315	2320	4600	1750			6350			
14	315	2570	3000	4150			8400			
15	315	1170	—	1350			4150			
16	350	1300	—	1500			4500			
17	315	1170	—	1350			4050			
18-19	315/315	1170/2560	— /2800	1450/1950			4200/5075			
20-21	315/315	2080/4200	1950/1350	3100/2700			6500/5400			
22-23	315/210	4970/2160	— /1600	1800/2800			3600/7350			
24-25	315/315	2870/2870	1800/1970	3600/3500			7650/7450			
26-27	315/280	2270/2740	1430/2210	2900/3300			6250/7000			
28-29	280/175	2840/2850	2130/1800	3400/1800			7200/3600			
30	175	3240	2400	2500			6000			

SA 065941

TOTAL	YELLOW	BLACK	ORANGE	LIQ GR	PONT GREEN	SOLAR BLUE	Red.	Green 2B
9100	320	180	59			2	4	
7970	165	102	27			6	4	
6843	90	73	7			6	3	
5425	—	38	—	75		54	—	
6094		41		89		61		
5940		48		17		165		
5475		—		—		73		
5625		—		—		55		
5015		32		16		158		
14785		193		4		198		
10228		126		36		348		
10373		45		17		242		
8010		52		—		202		
9108		31		17		209		
12040		56		45		261	4	
13445		91		82		375		
11570	1314	28	96	32		119		
12950	1668	15	161	10		10		
13645	555	42	30	9		9		
15335	379	87	21	9		59		
18435	—	10		70		583		
6985		7		9		3348		1744
7650		8		9		4133		10
6885		12		9		4081		11
7135/12700		14/45		20/15		3981/131		
13945/13965		80/81		48/32		254/209		
10685/14120	163	32/187	16	5/3		38/		
16235/16105	78/60	175/163	18/17	5/1				
13165/15530	33/59	120/173	11/11	5/4				
15850/10225	62/63	185/153	9/9	4/				
14815	18	141	3	7		238		

MACH 7[illegible]
JUNE 1981

Chemicals Used in Beaters

DATE	ALUM	SIZE 631	CLAY	ANSILEX	SCM 7102	LW DUPONT	7102 PURE	CYCLO FIL	NALCO 680 ~~ALATA~~ ~~SIZE~~	AX	CAL CHLOR
5-25	1254	5335	—	550		945	3850		148		
26	1505	5100	1200	3500		10190	2885		198		
27	1445	5460	1250	3150		8235	4900		210		
28	1485	6380	1450	2950		9270	1900		281		
29	1170	6060	2550	4550	7700	—	—		315		4300
30	855	3580	1950	—	2200	2940			218		4000
31	1890	5200	3950	250	4800		4600		279		
6-1	2028	6945	1625	1000	11150				226		
2	1390	6340	1755	6450	8375	4500			228	2250	
3	1505	6240	3405	5350	300	4920	1050		246	7350	
4	1480	7340	3700	1100	—	1400			243	6400	
5	1305	7320	2475	950	1400	—			231	6800	
6	1340	9790	2630	950					240	6800	
7	2019	11498	4325	3000			3150		277	1963	
8	2095	12390	6100	1225			3675		302	—	
9	2403	9450	1730	1400					196	2700	
10	2380	6240	8000	3400	5950	675			286	3200	
11	1905	5900	5250	2250	8100	1035			222		
12	2350	5110	10375	850	6000				250		
13	2105	5200	7100	4200	5200				231		
14	1960	8328	4600	1600	7950				252		
15	1860	10520	4600	1850	8600		3350		222		
16	1965	10840	4840	1500	4660				249		
17-18	2265/2148	7200/6620	5510/5995	950/2550	6750/1225				240/216	/4150	
19-20	1930/2000	7100/6120	1450/6300	300/2000	/2800				219/216	5400/7550	
21-22	2150/1805	5490/6520	2625/1700	5650/5200	11500/8350	1800/			339/198	5450/8050	
23-24	1710/1630	11340/7380	1740/4770	4800/4900					249/222	13250/16200	
25-26	3985/1765	11740/8990	4060/6050	4900/2850		/315			258/231	5750/5510	
27-28	2093/1905	7240/6380	6970/6980	3150/3800		3420/3870			256/267	4225/5755	
29-30	1770/1840	6840/6390	7250/6230	1450/3850		4005/1170			345/243	3500/5800	
	68,693	271,716 ×.31 / 84,294	158,093 ×3 = 474,290	98375	113,010	58690	29360		9049	131415	

[redacted]

	TOTAL	YELLOW	BLACK	ORANGE	LIQ GR	PONT GREEN	SOLAR BLUE	RED T
	12082	53	118	26	—		198	
	24578	45	121	15	—		215	
	24650	93	173	9	—		151	
	23716	162	214	14			65	
4200	26545	183	109	10			316	
4050	15793	138	72	2			41	
	20969	124	108	5			137	
	22974	77	133	10			60	
	31288	111	219	26			18	
	30396	29	233	23	56		57	
	21663	23	142	37	8		18	
	19221	26	318	9			17	
	21750	11	267	7			59	
	26232	—	173	1			196	
	25787	125	186	12			120	
	17879	82	94	—	50		156	
	30131	70	302	8	38		199	
	24662	126	159	13	—		144	
	24935	62	197	9			304	
	24036	31	84	—			258	
	24690	—	141	—			97	
	31002	2	122	—	120		92	
	24054	163	93	10	7		166	
	22915/22504	55/	180/	3/			174/	
	22399/26986	43/77	154/121	14	498/240		103/58	
	33384/31223	60/47	100/83	5/8	18/		83/70	
	38089/35102	41/38	16/59	4/6			47/77	
	30893/24071	43/71	13/134	10/25			60/25	
	27354/28957	65/66	139/154	29/23			223/262	
	25160/28523	64/19	157/150	23/22	304/328		290/252	

SA 0659944

D ARNOLD

July 1981

MILL C CHEMICALS

DATE	ALUM (.45)	CLAY (x3.60)	SIZE (.35)	CLINSIZE 733	STAYRITE GA	STAYRITE 112	TITA	ANSILEX	DEFOAMER (7.41)	B-64 (6.25)	SODIUM NITRATE
7-1	675	3	5381				400	—	15	120	
2	600	6	3005				850	—	15	200	
6	1350	11	2620		9700	2200	—	—	15	225	
7	675	13	3521		12000				15	200	
8	400	6	1573		22000		2200	550	15	125	
9	500	10	2834		10800		3250	1000	15	125	
10	600	11	3150		8600	4000	6200	2200	15	250	
11	650	6	6515		3600		3150	1350	15	100	
12	1400	6	6460		4800		3600	1500	15	125	
13	950	8	3650		10000		5275	2375	15	150	
14	750	7	3877		8800		11725	4825	15	125	
15	725	6	2530		6500		8300	3150	15	175	
16	525	8	4130		9100		10350	4500	15	125	
17	650	7	4374		9100		10900	4200	15	125	
18	950	7	3286		8000		6100	1150	15	150	
19	750	9	3822		10400		2550	1100	15	175	
20	550	7	2960		5000		2100	800	15	125	
21	900	12	3780		9100		4350	1800	15	225	
22	550	11	3738		10400		4450	1400	15	175	
23	900	9	3366		9100		100	50	15	125	
24	700	10	4171		10400		3200	1000	15	200	
25	575	7	3080		11700		3200	925	15	200	
26	975	7	3540		2800		550	425	15	100	
	17300		86063		179100	6200	93300	93800	345	3695	
									2729	31592	
	94285		~~26680~~ 21516								

PARA

32

SA

065945

DIUM NITRATE	8% PARAMEL	ALUM ON MACH	CLAY TANK	DOUGLAS STARCH	CLINTON 677B	CALCIUM CHLORIDE	SODA ASH	CALCIUM CARB
	32920	4	1400		2400			
	–	3	2500		6000			
		7	4900		3900			
		5	5000					
		2	2700					
		3	4800					
		3	4400					
	37620	4	2500					
	39900	8	2600					
	3340	5	3500					
		4	3100					
		4	2400					4200
		3	3500					
		3	3100					
		5	3100					
		4	3800					
		3	2500					
		5	5300					
		3	4500					
		5	3900					
		4	4300					
		3	2500					
		5	3400		7100			
			80600		20,000			
	113780							
	9102							

SA 065946

July 1981

MILL O CHEMICALS

DATE	GLUE	SIZE	C7	J	CLINCO 55	TI 02	SODIUM ALUMINATE
7-1	196	360			48	160	
2	49					100	
6	294	360			192	82	10
7	245				64	206	1
8	195	480			48	118	
9	245	360		32	80	34	1
10		240			96	250	
11		240			80	250	
12	147	120			96	250	
13	146	360			128	200	1
14		360		16	80	200	
15		360			128	200	
16		240			96	200	
17	202	240			96	160	1
18	245	360			115	146	1
19	245	360			179	117	2
20	98	240			128	115	2
21	293	240			134	230	2
22	245	180			64	170	1
23	147	480			112	121	2
24		360			144	210	–
25	196	360			144	200	–
26	294	360			112	210	–
	3482	6660		48	2364	3929	24 lbs
	8.54			x 100	x 100	x 50	
	29736			4800 #	236,400	196450	

M. Vogler
July 1
DATE
7/1-
7/6-7
7/13-
7/2

H. Vogler
July 1981

MILL E CHEMICALS

DATE	CLAY	CAMIL WHITE	CAUSTIC SODA	TSPP	RED BxP	AMMONIA (x 6.82)	BORAX	NOPCO 1407	FORMALDEHYDE	PROCOTE	LATEX (x 5)
7/1-7/2	13000	68	20	40		106	80	260	130	[illegible]	[illegible]
7/6-7/10	35000	182	50	98		294	210	490	350	5600	[illegible]
7/13-7/17	35000	182	50	98		364	210	700	350	5600	[illegible]
7/20	35000	182	25	98		294	210	700	350	[illegible]	[illegible]
	118,000	614	145	334		1058	710	2150	1180	18[illegible]	[illegible]
						x 6.82					[illegible]
						7216					[illegible]

SA 065948

July 1981 Blade Coater Chemicals

DATE	Latex 673 gal (3.98)	DF 122#	DC 111 gal (8.18)	Kelgin HV#	TSPP #	Clay HT gal (10.0)	Ammonia gal (6.82)	Uvitex	Camel Wite #	Protein LV	Borax	Latex 6 (1.33)
7-1	675	24	36	75	51	1635	33		900			
2	651	12	30	45	48	1875	18	102				
6	434	32	20	30	42	2188	28	68	100	600	30	440
7		24	7		10	938	16		100	600	30	44
8	217	28	10	15	26	1563	22	34	100	600	30	4
9		48			20	2176	32		200	1200	60	8
10	217	28	10	30	26	1563	22	34	100	600	30	4
13		48			20	1876	32		200	1200	60	8
14		32			10	938	42		100	1400	30	4
15	334	44	20	36	37	2314	31	68	150	500	25	
16	668	16	40	72	64	2500	24	102				
17	167	16	10	18	16	1094	14	34	50	300	15	2
18		60			25	2345	40		250	1500	75	11
21	342	72	24		20	2436	62		2000	1200	60	8
22	168	52	16		15	1747	44		1350	900	45	4
23	217	16	10	15	21	1094	14		50	300	15	-
24		36			15	1407	24		150	900	45	
	4090		233			29,689	498					77
	x 3.98		8.18			10.0	6.82					
LBS	16,278	588	1906	336	466	296 890	3396	442	5800	11.800	550	33
	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	

SA 065949

Borax	Latex 620 (4.33 gal)	Nopcosant K (10.0 gal)	Bersat 86325 (9.09)	Helgin QL	Clinsize 753	Sodium Nitrate	Elvanol	PG 280 #	Pencor 74-B	FC 807	Scripset 720	Atlas 239
		3						1500				
30	440	4	15	16								
30	440	7	15	16								
30	440	4	15	16	3000	4800						
60	880	8	30	32	1000	1600						
30	440	4	15	16								
60	880	8	30	32	2000	3200						
30	440	4	15	16	3000	4800	50					
25		4	18	14	3500	6400		300				
						1600						
15	220	2	7½	12								
75	1100	10	38	40								
60	880	14	30	32				2800				
45	660	10	23	24	1000	4000		1200				
15	220	2	8	8	3000	4800						
45	660	6	21	24	600		150					
	7700	40	280.5									
	4.33	x10	9.09									
550	33,341	900	2550	288	17,100	30,200	200	4300				
✓	✓	✓	✓	✓	✓	✓	✓	✓				

SA 065950

Calgon # T	Cellulose # CMCX	Latex 722 gal	Nopcocide 148 #	HT Clay # Ay	Glycerine #	Staysize 112		
			1					
	5							
	17							
						500		
						1000		
18								
12						1300		
	53							
30	75		1			2800		430247
✓	✓							

[redacted]

CHINE 5-6

ly 1981

Pulp Used in Hydro pulpers

DATE	CELGAR	EDDY SW	PS	ASW	AHW	EDDY HW	MARATHON	GRAND PARIBE	PONTIAC	MAPICO YELLOW (BAGS)	TOTAL	CALC
7-1	60	155	27	136	12					90	380	
2	48		30	123	41					72	314	
6	56		27	102	34					84	303	
7	56		20	126	42					84	328	
8	52		32	96	32					78	290	
9	36		34	102	13	21				54	260	
10		85	17	129		60					291	
11		200				15	90				305	
12		265				14					279	
13		115		36		167					318	
14		78		136		65					279	
15		40		134	6	48		30			354	
16		20		144	42	28					284	
17		60		163	64						329	
18		30	40	141	39			54			334	
19		120	31	132	74						357	
20		60	32	96	42						230	
21		96	33	135	61						325	
22			16	129	56			83			284	
23			31	127	41			56		66	324	
24		24	7	133	30			39	15	28	326	
25				141	55			36		72	304	
26			38	143	60			42		84	367	
	3058	1398	418	2504	745	418	90	340	15	762	7166	
	471	392		507	501	402	483	550	506	40		
	145068	548016		1269528	373245	168036	43470	187000	7590	~~38100~~ 34290		

SA 065952

Total	CalCarb R130	Tita	
380			
314			
303			
328			
290			
260			
291			
305			
279			
318			
279			
354	184	12	
284			
329		42	
334		30	
357			
230			
325			
284			
371			
326			
304			
367			
7166	54	12	72
		x50	
		600	

SA 065953

MACH 7, 8 + 9

JULY 1981

Pulp Used in Hydropulpers

DATE	ASW	AHW	Eddy	Weston HW	Brooke (LBS)
7/1	147	22	77		2700
2	14	20	38		
6	96	80	63	31	
7	94	63	95		6000
8	65	62	85		4200
9	152	49	39		29,800
10	184	48	66		11,600
11	100	78	122		9900
12	120	149	101		6700
13	181	118	114		17500
14	171	129	117		13400
15	164	126	132		17000
16	106	71	187		8000
17	270	80	20		18600
18	283	68	9		22800
19	254	130		52	
20	248	82	36		20,000
21	260	104	24		10,000
22	128	62	134		
23	204	143	181		
24	193	133	74		
25	223	150	60		
26	228	108	48		
	3885	2073	1822	83	
	507	501	392	469	
	1,969,695	1,038,573	714224	38927	189,200

SA 065954

TOTAL BALES	Total Weight	[illegible]	[illegible]
246	—	—	—
72	—	—	—
270	19,000	—	[illegible]
252	15,250	—	15,250
212	20,000	5000	15,000
238	20,000	5000	15,000
298	25,000	5000	20,000
300	29,000	4000	25,000
370	20,000	—	20,000
413	25,000	5,000	20,000
417	25,000	—	25,000
422	29,500		29,500
364	25000	5000	20,000
370	20,000	—	20,000
360	25000	5000	20,000
436	25,500	5500	20,000
366	29,000	14000	15,000
388	30,000	10,000	20,000
324	20,000		20,000
528	30,000	10,000	20,000
400	25,000	—	25,000
433	30,000	5,000	25,000
384	20,000	10,000	10,000
	507,250	88500	4127,0

SA 065955

	SOLARBLUE	BLACK	YELLOW TGX	RED TDL	ORANGE
2-1	38	8			
2	151	69			
6	187	24			
7	184	33			
8	319	35			
9	424	50			
10	562	108			
11	153	79			
12	214	110			
13	149	175	244	1	14
14	286	248	2	3	
15	203	238			
16	233	328			
17	200	255	23		3
18	121	64	71		12
19	121	139	49		37
20	29	100			
21	42	213	6		
22	79	135	40		4
23	113	129	1		
24	284	95			
25	451	67	8		
26	20	91			
	4613	2793	444	4	70
	288	175	28	-	4

SA 065956

7, 8 + 9
1981

Chemicals Used in Beater

DATE	ALUM	SIZE	CLAY	ANSILEX	SCM	DUPONT	AX	TI-PURE	NALCO 680
7/1	1195	6160	2000	1600	1100		4250		159
2	860	2350	1880	2150	1450		2000		93
3-5									
6	1590	4600	5300	4950	4700				174
7	1372	5620	2400	3325	9950				156
8	1100	5270	1870	1050	2000		3600		381
9	1650	5340	6370	750	1500				183
10	1860	4480	4460	2650	2650	2565			189
11	2010	5720	6740	2150	3900	450			306
12	2300	4680	8190	1500	3375				405
13	2415	7400	12080	4850	6825	1800			267
14	1800	10340	7490	4750		7585			261
15	2040	10800	6940	5800		10195			288
16	2010	8080	5080	3400		7695			237
17	2222	5090	4990	3475	300	7830			234
18	2670	6600	10460	3000	5250	2070			267
19	2790	7380	10960	2050	4600	1305			279
20	2850	6880	11220	1550	3900	1800			192
21	2040	5180	8935	2400	8250	585			171
22	3005	10070	6150	2600	7500	945			249
23	3545	13380	9600	2350	1500	4005			306
24	3735	9300	6460	5950		2295	6400		291
25	3210	7320	4790	7100			8100		258
26	2640	6080	9570	3450	6400	565	4450		267
	50,909	158120	153935	72850	75150	51690	28,800		5613
		x .25	x 3						
		39,530	461,805						
		x 31							
		49,017							

SA 065957

TOTAL	Blue	Yellow	Black	Green	Orange	Red
	41	48	135	256	44	
	115	68	65		16	
	201	312	56	15	16	
	319	172	49	48	26	
	104		62	18	5	
	130	7	82		5	
	174	46	137		8	
	48	112	165		19	
	106	290	112		49	
	439	151	136	22	41	
	238	14	134	150	17	
	37	9	192	10	18	
	91	90	129	210	21	
	394	106	96		21	
	83	189	156	250	7	
	232	126	196	252		
	308	83	263	147	12	
	117	168	214	215	3	
	41	70	280		27	
	133	140	146		30	5
	313	92	213		28	
	209	82	231		23	
	167	86	295	96	31	
	4040	2461	3544	1689	467	5
	✓	✓	✓		✓	

SA 065958

ARNOLD

MILL C CHEMICALS

August 1981

DATE	ALUM 5.45	CLAY .3960	SIZE .25	CLINSIZE 753	STAYZME 6A	STAYSIZE 112	TITA	ANSILEX	DEFOAMER 7.91	B-64 8.55	SODIUM NITRATE	PARAM
7-27	650	3	4601				9375	2175	15	150		
28	350	3	2940				4300	1200	15	250		
29	800	6	2980				7075	2750	15	50		
30	900	9	3941				6715	2625	15	200		
31	900	8	3400				7400	2700	15	150		
8-1	750	7	5421				6300	2850	15	200		10
2	550	5	6112				3800	1800	15	—		3
3	550	5	6320				4050	1800	15	100		31
4	700	7	5056			2100	4600	2000	15	100		
5	500	7	3881				4500	2000	15	200		
6	900	11	4460				3600	1600	15	150		
7	600	11	4300				4050	1800	15	150		1
8	500	12	3670				4775	1700	—	150		
9	700	9	4329				5200	1600	15	200		
10	600	9	4820				5600	1800	15	150		
11	150	5	1980				2800	850	15	50		
12	300	2	1090				2800	1050	15	50		
13	200	3	2259				4000	1250	15	50		
14	350	1	2411				3150	1800	15	50		
15	400	2	3150				3150	1800	15	150		
16	550	10	3140				2700	1800	15	125		
17	550	10	4309				3400	1800	15	125		
18	600	11	4171				3250	2350	15	100		
19	600	11	4260				3175	3050	15	75		
20	550	8	3371		6900	2000	5200	3550	15	100		
21	550	3	4079		11700		9800	5950	15	75		
22	425	3	7050		600		5050	2200	15	50		34
23	525	5	6810				3300	1200	15	25		3
	15700	186	114311		19200	4100	133,115	59,550	405	3225		15
	85565		28598						3204	27574		1

5A 065959

SODIUM NITRATE	PARAMEL	ALUM-ON MACH	CLAY TANK	DOUGLAS STARCH	CLINTON 677B	CALCIUM CHLORIDE	SODA ASH	NALCO 650
		4	1300		6700			
		2	1200		3900			
		5	3700		6500			
		5	4200		7800			
		5	3500		7700			
	10500	4	2900		10400			
	33000	3	1700		3900			
	31500	2	2200		5200			
		3	4700		7800			
	5500	3	3100		6500			
		5	4800		12000			
	1460	3	6700		15600			
		3	5200		13000			
		4	3700		9100			
		3	3700		11700			
		1	2300		2600	800	800	
		1	900		2600	1600	1600	
		1	1100		2600	900	900	
		2	700		2300	925	925	
		2	700		1300	525	525	
		3	4500		11800			
		3	4200		13000			
		3	4800		14000			
		3	4500		15300			60
		3	3300		9900			48
		3	3400					
	34000	2	1500	3300				66
	38040	3	2400	3900				69
	155,000	84	86,400	7200	192500	4750	4750	243
	12400							

SA 065960

MILL D CHEMICALS

August 1981

DATE	GLUE	SIZE	C-7	J	CLINCO 55	TITA	SOD. ALUM
7- 27	196	240			144	200	
28	342	360			144	210	
29	294	360			80	190	
30	245	430			96	200	
31					96	117	
8- 1					144	156	
2					144	189	
3					128	181	
4					80	250	
5					64	265	
6					144	283	
7					128	200	
8					160	200	
9					96	200	
10					128	200	
11					112	200	
12					176	200	
13					112	200	
14					128	150	
15					86	127	
16					128	155	
17					96	202	
18					64	213	
19					96	132	
20					96	91	
21					128	200	
22					160	180	
23					208	185	
					3366	5276	
					100	50	
					336,600	263800	

2399 B/I
5050 gall
1028 E/I
6421 gall
854
54835

Aug
DAT

MILL E CHEMICALS

August 1981

DATE	CLAY	CAMIL WITE	CAUSTIC SODA	TSPP	RED B+P	AMMONIA 6.82	BORAX	NOPCO 1407	FERMALD-CHYDE	PROCOTE	LATEX x.
wk of 7-27	30,000	206	25	84		252	180	600	300	4800	72(
wk of 8/3	32,500	169	25	91		273	195	650	325	5200	78(
wk of 8/10	37,500	182	25	98		294	210	700	350	5600	84(
wk of 8/17	40,000	208	50	112		336	240	800	400	6400	96(
	140,000	765	125	385		1,155	825	2750	1,375	22,000	33(
						6.82					x.
						7,877					16,5

SA 065962

BLADE COATER CHEMICALS

August 1981

DATE	LATEX 673 (3.98)	DF 122 #	DC-111 (8.18)	KELGIN HV #	TSPP #	CLAY RT (10.0)	AMMONIA (6.82)	UNITEX	CAMIL WITE	PROTEIN LV	BORAX
7-27	668	16	40	72	64	2500	24	136			
28		48			20	1876	32		200	1200	60
29	334	32	20	36	42	2228	47	68	100	1150	30
30	108	28	5	8	18	1251	19	17	100	600	30
31		24			10	938	16		100	600	30
8-3		60			25	2345	40		250	1500	75
4		48			20	1876	32		250	1200	60
5	282	28	10	18	30	1617	22	34	100	600	30
6	334	8	20	36	32	1290	12	68			
7	167	16	10	18	21	1094	14	34	50	300	15
10		72			30	2814	48		300	1800	90
11		36			10	1940	87		200	2600	30
12											
13											
14											
17	167	40	10	18	31	2032	30	34	150	900	45
18		48			20	1876	32		200	1200	60
19		36			15	1407	24		150	900	45
20		60			25	2345	40		250	1500	75
21		24			10	938	16		100	600	30
GALLONS	2060		115			30,327	535				
	3.98		8.18			10.0	6.82				
LBS	8199	624	941	206	423	303,270	3649	391	2500	16,650	705
	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

LAT

1

49

SA 065963

RAX	LAT ex 620 (4.33)	Myocosane K (10.00)	Berset 6325 (9.09)	Kelbin QL	Clinsize 753	Sodium Nitrate	Elvanol	PG 280	Pencor 74-B	Fe 807	Scriptset 720	Atlas
60	900	8	30	32	1500	3000						
20	440	4	15	16								
30	440	4	15	16	3000	4800						
30	440	4	15	16	500	800						
75	1100	10	38	40	2500	4000						
60	880	8	30	32	3500	5600						
30	440	4	15	16	3000	4800						
15	220	2	8	8								
90	1320	12	45	48	1500	2400						
30	440	8	33	16	2300	3700		1000				
45	660	6	23	24								
60	880	8	30	32		1600	75					
45	660	6	23	24		3200	50					
75	1100	10	37	40		4800						
30	440	4	15	16		6400						
	10,360	98	372									
	4.33	10.0	9.09									
05	44,859	980	3381	376	17800	45100	125	1000				
✓	✓	✓	✓	✓	✓	✓	✓	✓				

SA 065964

CALGON T	CELLULOSE CMC 71	LATEX 722	NOPCOCIDE 1218	HT CLAY DRY	GLYCERINE	STABILIZER
			2			
					2	
			1			
	25					1000
	17					2200
						3000
						4000
	42 ✓		3 ✓		2 ✓	10,200 ✓

461426

PAILS OR ASH	PAILS CALCIUM CHLORIDE	TOTAL
		268
		169
		246
		256
		272
		299
		330
		346
		254
		228
		319
		341
		291
		267
		314
32	32	294
40	40	370
36	36	372
37	37	367
21	21	267
		293
		349
		349
		312
		238
		293
		303
		321
166	166	8328

ICHINE 5&6

August 1981

PULP USED IN HYDROPULPERS

	Grand Prairie	AHW	Eddy SW	ASW	Western	Harmac	Pontiac	PS	Champion	Bass Maple Yellow	Pulls Soda Ash
7-27	30	38	112	28						60	
28	27	23	36	29						54	
29		99	36	111							
30		74	80	102							
31		62	81	129							
8-1		20	170	63			25	21			
2			275				21	34			
3			275	12			22	37			
4			85	114	9		46				
5			90	93	31			14			
6			103	123	52			41			
7			95	150	67			29			
8			79	120	74			18			
9			102	119	40			6			
10			114	143	32			25			
11				100	20	110					32
12				60	30	200					40
13	70	26		24		180					36
14	90	18				185					37
15	90	18		9	3	105					21
16	90	18		148	37						
17	90	18		172	43			26			
18	90	18		180	30			31			
19	95	19		156	27			15			
20	81	27		93	31			6			
21	100			118	58			17			
22	95		148	3	20			37			
23	80		176		28			17	20		
	1028	478	2057	2399	632	780	114	374	20	114	166
	533	504	382	501	477	498	504		517	50	
	547,924	240912	785,774	1,201,899	301,464	388 440	57 466		10340	5700	

[redacted]

SA 065967

PALLS DA ASH	PALLS CALCIUM CHLORIDE	TOTAL
		268
		169
		246
		256
		272
		299
		330
		346
		254
		228
		319
		341
		291
		267
		314
32	32	294
40	40	370
36	36	372
37	37	367
21	21	267
		293
		349
		349
		312
		238
		293
		303
		321
166	166	8328

SA 065968

MACHINES 7, 8, 9

August 1981

PULP USED IN HYDROPULPERS

DATE	ASW 501	AHW	Eddy	Gr. Prairie	Western HW	Pontiac H.W.	SOUTHWEST M.W. ROLLS	Champion H.W.	Western HW Willamette HW
7-27	258	122	52	2					
28	152	115	45	120					
29	141	131		100					
30	86	115	45	90					
31	102	32		91	99				
8-1	160		88			184			
2	234	47	9			142			
3	188	148	168						
4	157	87	176						
5	190		173		93				
6	216	108	84						
7	235	105	44						
8	277	119	60						
9	224	170	86						
10	138	182	184						
11	125	41	197		129				
12	228		8	20	164				
13	168		32	20	68				
14	308	80			32				
15	226	125	81						
16	203	58	99						
17	200	32	126				25		
18	152	62	60	50					
19	120	63	93	80				6	
20	118	126	146	30					
21	166	141	161						
22	230	193	9						
23	311	148							57
	5323	2550	2226	603	585	326	25	6	57
	501	504	382	533	477	504	1000	517	477
	2,666,823	1,285,200	850,332	321,399	279045	164304	25000	3102	27,189

SA 065969

TOTAL BALES	TOTAL WEIGHT	MILL O BROKE PULPER Regular	o/s
434	49,500	49,500	—
432	50,000	50,000	—
372	45,000	40,000	5,000
336	29,000	24,000	5,000
324	50,000	50,000	—
432	42,500	27,500	15,000
432	58,000	58,000	—
504	82,800	82,800	—
420	40,000	20,000	20,00
456	25,000	—	25,00
408	25,000	—	25,00
384	15,000	—	15,00
456	25,000	5,000	20,00
480	38,500	13,500	25,0
504	36,500	26,000	10,5
492	30,000	—	30,0
420	40,000	15,000	25,0
288	20,000	—	20,0
420	31,500	6,500	25,0
432	25,000	—	25,0
360	25,000	5,000	20,0
383	20,000	—	20,0
324	25,000	—	25,0
372	29,000	4,000	25,0
420	35,000	5,000	30,0
468	30,000	—	30,0
432	40,000	—	40,0
516	45,000	—	45,0
11,701	1,007,300	481,800	525,5

SA 065970

ARNOLD

MBER 1980

"Mill C" CHEMICALS

DATE	ALUM	CLAY (3960 x TK)	SIZE (x.25 ... P)	CUNSIZE (753 = B)	STAYZME J (x100)	STAYZME 112 (x100)	TiO2	ANSILEX	DEFOAMER	PARMEL	ALUM ON TANK (x5.45)	CLAY TANK
11-24	700	35640	3742				6600	2700	15		880	100[illegible]
25	750	39600	2661				6515	2725	15		660	490[illegible]
26	600	31680	2270				8535	3950	15		[illegible]20	350[illegible]
27	550	15840	2150				11600	5500	15		[illegible]	[illegible]
28	700	23760	2030				8525	3550	15		[illegible]80	260[illegible]
29	600	31680	1351				4975	2250	15		[illegible]	360[illegible]
30	525	39600	2821	2100			6150	4050	15		[illegible]	130[illegible]
12-1	825	3960	5090				5850	2200	15	23400	[illegible]80	60[illegible]
2	600	—	6752				3750	1750	15	39860	220	—
3	550	—	3461				2700	1550	15	15580	[illegible]	—
4	750	—	3191				1880	1800	15		880	330[illegible]
5	600	31680	2681				3030	1600	15		660	37[illegible]
6	700	39600	2450				2690	1600	15		[illegible]	410[illegible]
7	850	27720	2210				9045	3700	15		[illegible]	340[illegible]
8	750	19800	1913				11830	3600	15		880	220[illegible]
9	1100	27720	1732				10090	4200	15		660	290[illegible]
10	800	27720	2300				9695	4700	15		880	310[illegible]
11	550	23760	1841	6100			11300	4200	15		660	29[illegible]
12	800	19800	1890	4200			10500	3950	15		880	23[illegible]
13	700	35640	2211				5705	1400	15		880	110[illegible]
14	925	51480	1622				5455	1400	15		1100	[illegible]
15/16	1050/850	31680/27720	1706/1292	—	—	—	3745/3840	1600/1600	15/15	—	1320/880	3500/30[illegible]
17/18	725/650	65440/47520	1591/2450	—	—	—	9450/8775	2600/2200	15/15	—	880/880	6300/4[illegible]
19/20	525/775	35690/43560	2771/2231	—	—	—	9450/7695	2300/3800	15/15	—	660/660	[illegible]/4[illegible]
21	600	43560	2441				9800	6800	15		660	4[illegible]
22	600	43560	1820	2000			7830	5050	15		660	480[illegible]
23	300	2830	2440				6185	3950	15		410	210[illegible]
26	300	3690	100	2100			4160	—	15		410	[illegible]
27	300	7880	323				6660		15		[illegible]20	4[illegible]
28	200	3960	—				5535		7		[illegible]20	9[illegible]

218 [illegible]

[redacted]

X5.45 ALUM ON TANK	CLAY TANK	NOPCO FLO 224-L	STAYZME-GA X100	NALCO 7651	DOUGLAS STARCH X100	CLINTON 677-B	X842 KAL-CHEM KC-064	ALPHA-SIZE	SODIUM NITRATE	DRY CLAY	CYCLOFIL
880	4000		7200				175	–			
660	4900		4800				125	23			
220	3500		6000				150	49			
660	2600		6000				200	51			
880	2600		7200				100	63			
660	3600		4800				150	45			
660	4300		6000				175	63		200	
880	600		2200				100	60		8400	
220	–		2600				–	30		12250	
660	–		6000				125	47		19800	
880	3300		8400				150	24		10550	
660	3200		9600				150	48			
880	4700		12000				225	48			
1100	3400		10800				225	48			
880	2200		1800			5400	275	48			
660	2900		–			8400	300	48			
880	3100		–			9600	350	48			
660	2900		–			1200	225	–			
880	2300		–			6000	225	48			
880	4100		1400			9400	200	42			
1100	5900		11000				200	42			
1320/880	3500/3000	–	7200/3200	–	–	–	150/100	47/38	–	–	–
880/880	6300/4700	–	12000/9600	–	–	–	25/175	48/42	–	–	1200/1400
660/660	3700/4700	–	8400/8400	–	–	–	150/100	48/42	–	–	1600/1800
660	4400		7200				100	41			200
660	4800		200				200				
440	2100		3600				–				1100
440	500		4000				100				800
220	400		3600				–				1400
220	900		2400				25				1900
23760	103600		188600			40000	5000 X842 42100	1191		51200	11400

OSKAR DIKERTS

DECEMBER 1980

Mill D Chemicals

DATE	GLUE	120 x 7K SIZE	C-7	J x100	x100 CLINCO 55	x50 TiO_2	15x100 CLAY COUNTER	SODIUM ALUMINATE	91-M NALCO
11-24	49	360			9600	5100			1
25	98	480			9600	5450			-
26	49	480			8000	9850			2
27	49	360			9600	12650			-
28	97	240			9600	12500			-
29	98	480			6400	12500			-
30	98	240			11200	12500			-
12-1	98	480			12800	8500			1
2	244	720			6400	12500			-
3	196	600		3200	6400	12500			-
4	147	480		1600	8000	12500			-
5	98	240			6400	12700			1
6	147	240			8000	5500			1
7	98	240			6400	10000			1
8	196	240			9600	16700			1
9	49	360			8000	10800			1
10	148	360			4800	10700			1
11	145	600			8000	19350			2
12	49	480			6400	10000			-
13	49	600			8000	10000			-
14	49	600			7600	9000			-
15/16	44/47	360/360	-	-	1200/8000	8500/8000	-	-	
17/18	49/51	480/480	-	-	6000/6400	10000/9000	-	-	
19/20	54/59	480/480	-	-	8000/6400	8700/8000	-	-	1
21	-	480	-	-	9600	-	-		1
22	146	600	-	1600	4800	4800	-	-	
23	147	240			—	8200			1
26	98	600			—	12500			—
27	98	480			6400	12500			-
28	98	600			9600	12500			-
	3244	14570		6400	257200	331500			15

SA 065973

. VUGLER

Mill E CHEMICALS

DECEMBER 1980

DATE	H.T. CLAY	CAMIL WHITE ~~TALK~~	CAUSTIC SODA	LATEX 620 X.5	TSPP	RED XP	AMMONIA X7.27	SALT	BORAX	NOPCO 1407	FORMALDA-HYDE	PROT.
Wk of 11-24	20000	91			49		147		105	300	175	
Wk of 12-1	35000	169			91		273		195	520	325	
Wk of 12-8	30000	156	35	3600	184		252		180	460	300	
Wk of 12-15	32500	169	25	7800	91		273		195	455	325	
Wk of 12-22	10000	52	–	2400	28		84		60	180	100	
	127500	637	60	13800	443		1029		735	1895	1225	
				6400			2480					

SA 065974

FORMALDA-HYDE	PROTEIN	.48 SARNIA 6% LATEX	BUTANOL
1.15	2800	4200	
2.5	5200	7800	
3.00	4800	11700	
3.25	5200		
1.00	1600		
12.5	19600	23700	
		11576	

SA 065975

H. VOGLER

Blade Coater Chemicals

DECEMBER 1980

DATE	LATEX 623 (x2.98)	DF-122	DC-111 (x8.18)	KELGIN HQ (#)	TSPP (#)	CLAY WET X10 (#)	AMMONIA (x7.27)	UNITEX	CARBIC WHITE (#)	PG 280	74-13 PENCORE
11-24	110	26	5	7	8	1140	23	17	1000		
25	R+D Trials										
26+27+28	—	36	—	—	74	1407	42		6050	100	100
29	—	12	—	—	18	469	22		9150	200	800
12-1	—	56	—	—	—	2198	37		234		
-2	—	60	—	—	—	2370	54		250		
3	—	60	—	—	—	2345	40		250		
4	—	60	—	—	—	2345	40		350		
5	489	46	24	30	32	2742	41	68	450	600	
6	660	78	45	8	8	2572	77	—	3150	600	
7	165	60	12	—	—	2131	47		1100	1500	
8	—	48	—	—	—	1876	32		200	900	
9	—	42	—	—	—	1818	37		934	487	
10		R+D Trials				—	—		—		
11		R+D Trials							—	—	
12/13	1313	64	52	34	36	2747	63	76	2325	4500	
15	651	24	30	45	48	2344	26	102	50		
16	—	33	—	—	—	1897	37	—	1537	—	
17	—	14	—	—	—	550	9	—	59	—	—
18	—	60	—	—	—	2345	40	—	250	—	—
19	440	80	32	—	—	2556	72	—	2600	4800	—
20-21	765	80	44	30	32	3636	74	68	2000	3600	—
22	121	3	6	9	8	1717	28	18	150	—	—
23	—	48	—		—	1876	32		200	800	
26	—	60				2345	40		—		
27/28	—	60				2345	40		250		
						47471	953				
							6928				
	4171	1146	150	162	[illegible]	47471	953	[illegible]	[illegible]	[illegible]	
	4143 (1041)	149	409 (50)	63 41	45	656 (5505) 50	1058 (151)				

23787

SH

065976

74-B PENCORE	STAYSIZE 112	CLINSIZE 703	NOPCO 120	CALGON T	NOPCO K X10	CMC 7-L	X227 SCRIPSET 720	X8.64 FC-807	~~X8.36~~ ATLAS	X4.33 620 CATEX	X3.98 LATEX 722	BORAX
					4	24				440	176	3
					—	—						
400					5	—	135	50	27	690		4
800					12	—			54	320		—
					9	56				1031		7
					10	64				1200		7
					10	60				1100		—
					—	—				1100		
				3	7	36				660		3
				30	16	36				660		—
				9	11	48				—		6
				—	8	123				880		—
				—	9	89				894	214	—
				—	—	—				—	—	
						—						—
				22	10	18				330		—
					2	75				220		—
—	—	—	—	—	8	37	—	—	—	895	264	—
—	—	—	—	—	2	4	—	—	—	258	—	—
—	—	—	—	—	10	24	—	—	—	1100	—	—
—	—	—	—	24	16	—	—	—	—	880	—	6
—	—	—	—	18	14	—	—	—	—	880	—	6
—	—	—	—	—	6	—	—	—	—	660	—	5
					8					880		0
					10					1100		
					10					1100		
1200				1-16	194	690	135	50	81	17[illegible]	478	[illegible]
												115
1600				106		610						

SA 065977

LU PROTEIN	SODIUM NITRATE	# ELVANOL	X9.09 BERSET	2036 FORMULA	CLINSIZE 753B	NOPCO 121-B	GYLCERINE
600			16				
—			—				
900			23		2700		10
850	4800		11		2500		40
1406			36		900		
2050	6400		41		3500		
1500	6400		37		4000		
1500	5600		38		3500		
900	2400		23		1500		
900	—		23		—		
1200	—		30		—		
1200		225	30				
1219	3900	122	32		2437		
—	—	—	—				
—	—	—	—		—		
450	—	—	11		—		
300	—	225	8		900		
1125	2400	112	30		1950		
352	2187	—	9		1367		
1500	4000	—	38		2500		
1200	—	—	30	—	—		
1200	4000		30		2500		
900	6400	—	22	—	4000	—	
1200	4800		30		3000		
1500	5600		38		3500		
1500	9600		38		6000		
25452	[illegible]	[illegible]	[illegible]		46754		50
					46754		

SA 065978

Chemicals Used in Beaters

Date	Alum	Size	Clay #	Andlier	Soda TiO_2	TiO_2 Dupont	TiO_2 Pure	AX	WBD	Cyclopal	Aquasize	Total
11 24	205	3000	3600	2600	5250						—	14655
25	150	2300	3400	2525	3815						23	12221
26	190	1590	2800	4400	3300	2138					54	13970
27	245	1920	3400	5300	2650	1575					53	15142
28	245	1220	3000	3600	2100	1575					63	11800
29	175	1140	4170	2250	1550	1125					45	10455
30	245	1850	6105	3950	3500	—					63	15711
	14155	13220 X25= 3285	25975	24625	22165	6413					301	[illegible]
12-1	280	3000	—	2750	2700						57	10781
2	175	4800	—	1750	1750						30	8505
3	236	3800	2825	1350	2363						41	10661
4	175	2475	5100	2500	300	2970					30	13975
5	280	1960	8000	1600	150	2565					48	14600
6	245	1750	11600	1400	1300	1080					42	17417
7	345	2125	2885	4000	—	9435					54	18875
	1706	24910 X25= 5478	30350	15350	8563	16050					302	94172
8	280	1400	2000	3600	—	6930					48	14425
9	280	2250	2300	4150	—	7020					48	16047
10	280	2020	3600	4600	—	10248					48	20798
11	280	1820	2600	4200	—	7505					48	16455
12	280	1855	3050	3850	—	6570					48	15653
13	245	1750	5400	1400	—	2105					42	11047
14	245	1970	5800	1400	—	2205					42	11600
	1890	12065 X25= 3265	24750	23200		42653					324	105000
15/16	210 / 280	1350 / 900	4100 / 3200	1200 / 1600		2835 / 2240					42 / 48	21042
17/18	245 / 280	1610 / 1690	4600 / 5000	3400 / 2200		9450 / 9180			1200		42 / 48	21047
19/20	280 / 315	2300 / 2210	4600 / 5200	2300 / 3900		9450 / 1680					48 / 42	18978
21	280	1820	5200	6800		5805					40	199
	1820	11860 X25= 2970	31900	21900		44640			1200		315	113605
22/23	245 / 154	1560 / 1380	4000 / 3700	2650 / 3825		5040 / 3776			900		35 / 83	13550
26/27	175 / 350	— / —	— / —	— / —		1573 / 3150			1800 / 2400		25 / 50	2525
28	245	—	—	—		2430			1400		35	41
	1173	2460 X25 -740	7200	6475		15971			5300		168	39774

865979 SA

[redacted]

Ize	Total
–	14655
23	12213
54	13972
53	15143
63	11803
45	10455
63	15713
301	43954 ~
57	10787
30	8505
41	10615
30	13550
48	14603
42	17417
54	18754
302	94231 ~
48	14258
48	16048
48	20796
48	16453
48	15853
42	11042
42	11662
324	105912 ~
47 / 48	7742 / 4268
42 / 48	21047 / 13398
48 / 42	18978 / 16277
40	19945
315	113655
35 / 23	13550 / 13762
25 / 50	2775 / 5550
35	4110
168	39747 ^

SA 065980

ach 1 of 1
Mill D

Chemicals Used in Beaters

DATE	ALUM	SIZE x.25	CLAY	ANSILEX	SCM TiO_2	AX	TiO_2 (CW)	WBD	Nalco 680	Unitex	Zealex	Alpha
11 24	2630	6000	11970	6750	6800							
25	2250	5860	11840	6500	6000		2340					
26	2745	6760	10080	9750	8100		1700					
27	2585	3870	4820	9550	11250		1400					
28	1970	5580	3100	8650	13000							
29	2575	10300	5600	8700	10050							
30	2760	6360	11160	8500	7100							
	19515	4473 x.25 = 11183	58570	58400	62300		5440					
12 - 1	3810	7240	12290	7300	8550							
2	3202	11100	10250	3650	5700							
3	3120	12080	10400	3100	4650							
4	3055	11160	9380	4350	5125							
5	2585	8690	3340	6375	5250							
6	1960	7650	8450	6800	5800							
7	2690	7590	10350	9350	10600							
	19422	6550 x.25 = 16378	64430	40925	45675							
8	2240	6800	8450	13700	18450		990					
9	1800	15180	5600	9350	—		12145					
10	1840	11860	4700	8250	—		12645					
11	2140	7190	4920	11450	800		16205					
12	2520	10570	6450	9600	14850							
13/14	3255/3190	10040/7420	12480/18400	8250/6500	12350/4950		—/2115					
	16985	6400 x.25 = 16000	61000	67100	51400		44100					
15/16	3780/2928	8026/9710	17045/5560	6800/7200	1400		5150/11220					348
17/18	3333/3205	11006/11340	7162/10900	3650/3450			6064/5850					200
19/20	3092/2910	10800/8560	12980/15050	6250/2650			9180/4500					323
21	2849	8405	14695	3725			5445					
	21747	6781 x.25 = 16960	83342	33725	1400		47909					
22/23	3238/2612	11580/8490	13970/5310	3200/2750			4320/3780					295
26	2518	9090	5820	5200			9905					
27	2918	10140	7800	4800			7335					
28	2926	12600	9490	4750			8235					
	14212	51900 x.25 = 12975	42390	20700			33575					

SA 065981

Alphasize	Total
252	34402
225	35015
275	39410
225	33750
213	32513
198	37423
306	36186
1744	248699
281	38471
198	34100
189	33539
206	33276
206	26416
225	30885
267	40847
1572	237534
228	50858
144	44219
159	39454
211	42916
267	44257
371/227	46746/42802
1607	311252
348/246	42243/37364
200/218	31415/34963
323/291	42625/33961
263	35382
1884	257953
245/187	36553/33129
156	32689
180	33173
187	38188
955	163732

065982 SA

Mach 976
DECEMBER 1980

Pulp Used in Hydropulpers

DATE	Prince Geo	Eddy HW	Nekoosa SW	Allied SW	Albacel SW	Allied HW	Grande Prairie	Pontiac HW	Pulp Sub	Marathon	Crestbrook	Celga
11 24				49								
25				52						3		
27				19						76		
26				42						79		
28	20			34						76		
29	50	10		42						79		
30	70	14		50						91		
	140	24		288						404		
1	154	20								81		
2	172	13								46	52	
3		14		120					13	11	53	
4	90	16		144					33		18	
5	90	16		168					42			
6	90	18		127		10						
7	110	22		160		60						
	700	119		119		70			88	138	123	
8		16		128		35						
9		17		150		35						
10		19		104								
11		18		160					4			
12		16		176					21			
13		18		143		33						
14		17		155		73						
		121		1016		176			25			
15/16		16/15		83/78		49/26						
17/18		5		157/139		29/7						
19/20				159/108								
21/22				68/88								
		36		880		111						
23/26				56								
27/28											60	
	846	300		56 / 2959		357			113	542	60 / 183	

SA 065983

	Celgar	Kamloops	Domtar	Superior	Cariboo	Weskin HW	Total	Prince Robert	Clay (Dry)	Sam TiO_2
	25				133	11	218 ~			4500
					162	16	233 ~			Dup 1350
			75			15	185 ~			Dup 7175
			100			20	241 ~			Dup 4500
			55			15	200 ~			Cymmid 2200
										sam 2400
							181 ~			sam 2000
							225 ~		800	sam 2800
	25		230		295	77	1483 ~			
							255 ~		8600	sam 4000
52							283 ~		12800	sam 2600
53	70						281 ~		18150	
18							301 ~		9600	
							316 ~			
							245 ~			
							352 ~			
123	70						2033 ~			Dup 4000
	90						269 ~			" 4250
	85				15		302 ~			" 4750
	95				48		266 ~			" 4500
	90						272 ~			" 5250
	40	65					318 ~			" 4500
		90					284 ~			" 4250
		85					330 ~			
	400	240			63		2041 ~			
	61	80/75					240/74			Dup Tiff 1125/
		92				10/45	235/281			
	79					53/40	260/283	-/60		
	79/85				89/65	14/41	246/272	102/78		Dupont Tiff 3600/3350 TiO_2 Dup
	257	205			145	205	2079 ~	240		
					35/21	28/7	175/78	54/		Dupont 1150/3500 TiO_2 Dup
	160				96/30		96/90			Dupont 4500/4050 Dup
	60	415	230		232	35	437	54		46 550

865984 SA

Tulp Used in Hydropulpers

CEMBER 1980

DATE	Prince 462	Geo	Southwest H/W	Panama	HW	Caribou 471	Allied SW 503	Allied H/W 494	Superior 505	Marathon	Crestbrook 503	Grande Prairie 572	Kamloop 489	Weste H
11 24		88						55						
25		96					152	28						
26		88					212	64						
27		144					260	52						
28		120					260	88						
29		36					269	12				96		
30		120					228							
		692					1381	249				96		
1							220							
2							110		224					
3		230					120		54					
4		44					134						194	
5							206	8					52	
6							280	20						
7							306	18						
		274					1376	46	278				246	
8							190	13				108		
9		18					108	32				60		
10		120					132	16						
11							128							
12							210	26						
13/14							442/388	88/56						
		168					1598	231				168		
5/16							340/244	34/35						
17/18							196/160	26/30						
19/20		14/36					296/344	34/28				36/132		
21		128					120	12			10			
		184					1706	199			10	168		
22/23		4/				84	80/124	22/8			150/52			
26/27						192/154	36/92	32/27				88/110		
28							107	8				44	208	
						430	539	97			202	212	208	
	610764					205110	3,219,200	430768	140390		106,636	385528	222006	
	1322					430	6400	872	278		212	674	454	

SA 065985

Western HW	Celgar 484	Eddy 386	Domtar 509	Dryden 386	Nekoosa 514	Pontiac HW 513	Total
		77			140		360
	36						312
	44						408
							456
							468
		55					468
		52				42	442
	80	184			140	42	2414
		188				24	432
		72				50	456
						52	456
						48	420
		10				48	324
							300
		24					348
		244				222	2736
	4	9					324
	44	56					348
	32	60					360
		40	156				324
		40	132				408
		4/96					534/540
	80	305	288				2835
		88/189					408/468
		236/134					458/456
							384/410
					102		372
		647			102		3016
		/22			132/146		388/336
		/26					348/409
		50					412
		98			278		1898
	77 440	589 808	146 592		267 280	135 432	6,536,954
	110	1578	288		520	264	13402

065986
SA

D ARNOLD
JANUARY 1981

Mill C Chemicals

DATE	ALUM	CLAY x3960	SIZE x.25	753-B CLINSIZE	STAYZME J x100	STAYZME 112 x100	T_1O_2	ANSILEX	DEFOAMER	PARAMEL	ALUM ON TANK x5.45	CLAY TA
29	250	3960	–				4915		7		220	
30	250	15840	–				1530		5		220	
31	250	11880	–				2470		5		220	
1	450	15840	–				3375		5		440	
2	200	7920	–				3600		5		220	
3	450	11880	–				3600		5		440	
4	200	11880	–				3600		5		220	
5	600	11880	2982				3600		7	4600	660	
6	600	27720	6161				3600		15	48200	660	
7	900	43560	2289				5805	1350	15		660	
8	550	43560	1760	8000			4895	1350	15		660	
9	750	51480	1621	6000			2925	1500	15		880	
10	550	47520	2611				4140	1400	15		660	
11	550	35640	1720				1575	575	15		660	
12	850	43560	1996				–	–	15		880	
13	550	35640	1670				–	–	10		660	
14	550	39600	2526				4185	2400	10		660	
15	600	47520	2910				4750	2050	15		660	
16	550	39600	1950				6390	2250	15		660	
17	450	39600	2650				5760	2000	15		440	
18	600	35640	1972				6955	2550	15		660	
19	660	31680	6381				2880	2000	15	33440	440	
20	550	27720	3420				4320	2450	10	18360	440	
21	1150	35640	2021				9090	4600	15		1320	
22	600	31680	1511				9090	3100	15		660	
23	900	47520	2081				7200	2000	15		660	
24	450	51480	3130				6740	2575	15		220	
25	425	63360	3071				5850	3700	15		660	
	15435	910800	56433 x.25 14108	14000			122840	~~79250~~ 37850	324 + 791	104600	15840 x 5.45 86328	10

SA 065987

[redacted]

CLAY TANK	NOPCO FLO 224-L	STAYZINE GA X100	NALCO 7651	DOUGLAS STARCH X100	CLINTON 677-B	KAL CHEM KC-064 8.55 X8.42	ALPHA SIZE	SODIUM NITRATE	DRY CLAY	CYCLO-FIL
800		1200				25	47			1900
1300		2400				50	54			900
1600		3600				50	54			1400
1700		—				50	48			1600
900		1200				50	48			1600
1200		1400				100	48			1600
1200		2400				75	48			1600
2200		2400				125	48			1600
2600		3800				100	48			1600
5200		10800				100	30			1250
4400		7200				150	30			1250
6200		9600				100	—			—
5700		10800				100	36			
3500		9800				50	42			
4200		8400				50	42			
4300		6000				50	42			
4200		12000				150	18			
5000		10800				150	24			
4500		7200				150	45			
4600		7200				150	40			
3800		8500				125	60			
4100		4800				175	48			
3000		4800				150	42			
3800		7200				200	48			
3400		4100			1900	150	48			1500
5200					2200	225	42			1750
1300					2400	175	36			2000
6700					8400	175				
100000		147600			24900	3200 x 8.55 ~~269.44~~	1116			21550

SA 065988

JANUARY 1981

DATE	GLUE	120XTK SIZE	C-7	J	x100	x100 CUNCO SS	x50 TiO_2	x5400 CLAY COUNTER	SODIUM ALUMINATE	71-M NALCO
12-29	98	480				4800	12500			
30	98	360				11200	12500			
31	98	360				9600	12500			
1-1	98	360				9600	12500			
2	245	600			1600	2400	8000		1	
3	196	360				7200	7850		1	
4	195	360				11200	13550		1	
5	98	480				12800	8100		1	
6	245	480				6400	3500		1	
7	186	360				9600	5600		1	
8	49	480				11200	5750		1	
9	51	360				12800	10000		—	
10	53	360				9600	9000			
11	98	360				6400	12500			
12	57	600				8000	10000			
13	97	360				8000	9500			
14	98	480				12800	10000			
15	150	480				8000	9000			
16	—	360	5			9600	16700		12	
17	—	480				9600	15050		—	
18	196	240				8300	12150		1	
19	245	480				9400	7900		2	
20	147	480				14400	2250		1	
21	196	480			5400	4600	1550		2	
22	147	720			5000	4800	—		2	
23	49	480			6400	6400	12500			
24	244	720			8000	8000	12500			
25	146	480			8000	6400	12500			
	2630	15600	5		34400	243100	265450		27	

SA 065989

VOGLER
ANUARY 1981

Mill E Chemicals

DATE	H.T. CLAY	CHAMIL WHITE	CAUSTIC SODA	LATEX 620 X50	TSPP	RED ~~BXP~~	AMMONIA X7.27	SALT	BORAX	NOPCO 1407	FORMAL HYDE	PROTEI
wk of 12/29	15000	78	40	3600	42		126		90	480	150	-
wk of 1/5/81	35000	156	25	7200	141		252		180	480	300	4
wk of 1/12/81	20000	104	25	4800	56	—	168		120	320	200	3.
wk of 1/19/81	12500	65	—	3000	115		105	1500	95	100	125	2
	82500	403	90	12600 x 5 6300	354		651 x 7.27	1500	465	1450	775	124
4/23, 24	(10000)	(52)			(28)		4733		(6.0)	(140)	(100)	(16
	72500	351		18600	326		651		405	1310	675	10
				(2400)			(84)				915	
				16200			567				1590	
				x.5			7.27					
				8100			4122					

065990 SA

AL → E	PROTEIN	X.48 SARNIA LATEX
50	2400	
00	4800	
200	3200	
125	2000	
715	12400	
(100)	(1600)	
675	10800	
915		
1540		

SA 065991

. Volger

Blade Coater Chemicals

ANUARY 1981

DATE	LATEX 673 x398	DF-122	DC-111 x8.18	KELGIN MO. #	TSPP	CLAY HT. WET x0	AMMONIA x2.27	UNITEX	CAMIT WITE	PG 280	748 PONCARE	STAMPIN 11:
12 29		48				1876	32		200			
30		48				1876	32		200			
31		72				2345	48		300			
1-1	220	68	16			2685	60		1150	2400		
2	134	92	20	30	32	4533	68	68	350			
5	1302	24	60	90	96	3750	36	204	—			
6	217	28	10	15	16	1603	50	34	100	900		
7	—	60	—	34		2345	32		200			
8	—	60		30		2237	41		100			
9	—	24				938	16		100			
10	—	—				—	—		—			
12	—	84				3283	56		350			
13		48				1876	32		200			
14	434	56	20	30	32	3126	44	34	200			
15	651	12	30	45	48	1875	18	68	—			
16	1085	20	50	75	80	3125	30		—			
19	868	16	40	60	64	2500	24		—			
20	217	4	10	15	16	625	6		—			
21	—	40				1790	50		1100			
22	—	42				1650	37		400			
23	434	64	20	30	32	3186	66		200			1
	5832x3.98= 23331	910	22x8.18= 2258	454	416	172240	778x2.27= 5656	408	6150	3300		1:

865992 SA

B-VCORE	STAYSIZE 112	CLINSIZE 703	NOPCO 120	CALGON T	NOPCO K x10	CMC 7-L	SCRIPSET 720 x2.27	FC-807 x8.64	ATLAS	LATEX 620 x4.33	LATEX 722 x3.98	BORAX #
					8					880		60
					8					880		60
					12					1100		40
				12	14					1100		15
					14					1540		105
					—					—		—
					5	75				672		30
					10					1109		60
					10	24				1109	176	62
					4					440		30
					—					—		—
					14					1540		105
					8					880		[illegible]
					8					880		[illegible]
					—					—		—
					—					—		
					—					—		—
					—					—		—
					5	74				986	176	6
					7	6				770	198	5
	1300				10					1092		60
	1300			12	137x10 1370	179				14978x4.33= 64855	550x348 2184	971

SA 065993

% PROTEIN	SODIUM NITRATE #	ETHANOL #	BERSET X909	FORMULA 2036	CHASIZE 7538	NOPCO 121-B	GLYCERINE
1200	800		30		500		
1200			30				
1800			38				
1500			38				
2100	8000		53		5000		
—	2400		—		1500		
1550	2200	250	21		500		
1200	—	—	30		—		
1200			31		—		
600	2400		15		1500		
—	9600		—		6000		
2100	1600		53		1000		
1750			30				
1200			30				
—	10400		—				
—			—				
—			—				
550	4000		—		2500		
1700	6100	150	31		3800		
1050	4100		27		3000		
2100	4400		35		800		
22800	56700	400	442 x 9.09 = 4472		26100		

065994

MACH 5+6
MILL C
JANUARY 1981

Chemicals Used in Beaters

DATE	ALUM	SIZE x.25	CLAY #	ANSILEX	SCM TiO2	Dupont	HX	WBD	Cyclofil	Alphasize	TiO2 Pure
12-29	298	–	600			2710			1700	48	
30	315		1800			1530			900	54	
31	315		1200			2640			1500	54	
1-1	280		800			3870			1600	48	
-2	280		800			3600			1600	48	
3	280		800			3600			1600	48	
4	280		800			3600			1600	48	
	2048	–	6800			21550			10500	348	
5	280	2000	800			3555			1600	48	
6	245	5290	700			3150			1400	42	
7	210	2050	3600	1400		5445			1500	36	
8	140	1400	5600	1400		3735			1000	24	
9	245	1500	6200	1500		2970			–	42	
10	245	2170	8400	1400		4140			–	42	
11	245	1690	6750	575		1553				42	
	1610	16100 x.25 4025	32050	6275		24548			5500	276	
12	245	1645	7050	–		–			–	42	
13	280	1400	6000							48	
14	280	2120	6200	2500		4320				12	
15	350	2650	6100	2350		2925				29	
16	280	1680	4800	2000		3240				40	
17	280	1750	5000	2300		3825				46	
18	385	1490	4900	2800		4755				66	
	2100	12715 x.25 3179	40050	11950		19065				283	
19	280	5390	1400	2000		2880				48	
20	280	2760	800	2800		4950				48	
21	280	1750	2530	4600		5850				48	
22	315	1300	2600	2600		9495			2250	54	
23	245	1950	4500	1900		7020			1750	42	
24	280	2505	4200	2675		3835			2000	30	3050
25	175	2830	4400	3450		1080			–	–	4400
	1855	18485 x.25 4621	20430	20025		35110			6000	220	7450

SA 065995

	Total
12 Pure	
	5356
	4599
	5709
	6598
	6328
	6328
	6328
	41846 ~
	8283
	10827
	14241
	13299
	12457
	16397
	10855
	86354 ~
	8982
	7828
	15132
	14704
	12040
	13201
	14376
	86163 ~
	11948
	11638
	15058
	18614
	17407
150	18925
180	16335
450	109625 ~

SA 065996

MACH 7+8+9
MILL 0
JANUARY 1981

CHEMICALS USED IN BEATERS

NALCO 680

DATE	ALUM	SIZE x.25	CLAY #	ANSILEX	SCM TIO2	DUPONT	LW	WBD	Alphasize	TIO2 Pure	Total
12-29	2490	10200	9070	6300			7650		198		35908
30	2340	8820	9350	7150			7965		258		35883
31	2005	7080	6910	7075			10485		236		33791
1-1	2470	7740	5770	10950			11745		176		38851
2	3050	12840	6100	6400			5620		379		34439
3	2080	9500	3790	7250			7560		249		30429
4	2740	10160	6530	9750			12825		285		42290
	17175	66340 x.25 16585	47520	54875			63900		1781		251591
5	2510	9920	4840	10050			12420		267		40007
6	2424	12890	5703	3650			3150		165		27982
7	2240	6740	9650	7750			5715		242		32337
8	2700	5715	10500	6000			6420		270		31605
9	2790	5925	8560	9305			7425		279		34284
10	3266	9241	10045	4988			4046		247		31833
11	3503	12240	9160	3450			6025		206		34584
	19433	62071 x.25 15668	58458	45193			45201		1676		232632
12	2522	9300	9690	2400			—		240	3600	27752
13	1603	6916	14723	4200			1485		485	4350	33762
14	1620	9270	8410	8600			11685		435		40020
15	1900	9100	6810	9150			12760		282		40002
16	2080	9340	7230	11000			15465		264		45379
17	2180	8700	9480	10650	2580		9980		270	1100	44940
18	2230	5440	8390	6200			11085		261		33606
	14135	58066 x.25 = 14517	64733	52200	2580		62460		2237	9050	265461
19	2675	5676	11770	9100	3625		3370		281		36497
20	3420	9720	12530	8950			2015		306		36941
21	2655	10720	16720	5300			1810		186		37391
22	1860	10420	7350	6450			1620		231		37931
23	1400	11040	8740	8350			1125		147		30772
24	1780	7860	10220	11800			6970		305		38935
25	1680	8540	10140	10200			3330		291		34181
	15470	63976 x.25 15994	77470	60150	3625		20240		1717		242648

Broke at Blade Coater

DATE	Coated	Uncoated	Total
12-29	1000	[illegible]	3429
30	700	29867	3056
31	700	48377	907
1-1	800	23526	24326
2	800	[illegible]	3598
3	800	[illegible]	3767
5	1000	16436	17436
6			
7	800	12407	13207
8	400	5000	5400
9	450	10121	10571
12	800	28479	29279
13	800	18403	19203
14	800	26365	27165
15	600	17021	17621
16	800	17624	18424
19	900	27040	27940
20	800	18135	19535
21	700	16130	16830

tal
908
83
791
851
439
429
290
591
0007
7982
7337
1605
4284
1833
4584
632
752
3762
020
002
5379
4940
3606
5461
6497
5941
7391
931
772
935
181
648

WHITE STO

JANUARY 1981

Pulp Used in Hydropulpers

DATE	Prince Geo	Eddy HW	Nekoosa SW	Allied SW	Abcel SW	Allied HW	Grande Prairie	Prince Albert	Pulp Sub	Pontiac HW	Maratray HW
12-29											
30		22									
31		4									
1-1											
2											
3											
5								35			70
6								35			120
7		19		124							
8		79	20	180							
9		98	196	—							
10		21	164	120					30		
12				168					—		
11				156					3		
13				136					9		
14				148					37		
15		44		84					28		
16		53		166							
17		4		125							
18		19		219							
19		1		4							
20		15		60							
21		41		156							
22		24		174					26		
23		41		148			12				
24				119			63				
25				148							
									7		
		x404	x508	x504			x509	x509	x500		x455
		485	280	2485			75	70	133		190

Cre

SA 065999

	Crestbrook	Calgar	Kamloops	Domtar	Superior	Caribou	Western HW	Total		TiO2 Dupont	Starch
	88						8	96	✓	100	
	110							132	✓		
	95							99	✓		300
	35	45						80	✓		1100
		90						90	✓		600
		85						85	✓		1700
70		80						185	✓		1000
20		55						210	✓		1100
		85					63	291		720	1200
		25						304		900	500
		90						384			
		72						307			
		70					84	322			
		75					62	296			
		65					49	259			
		56					28	269			
		93					28	277		2340	100
		83						302		2880	1600
		78						257			
		110					8	356			
		230					12	247			1200
		150					15	240			1500
		90						287			1600
		90						314			1500
		75						276			1500
		66					20	268			
		44					41	233			
55	x509	x480					x464				
40	398	2002					418	6466		X640	14370

SA 066000

ach 7+8+9
anuary 1981

Pulp Used in Hydropulpers

DATE	Kamloops	Eddy	Allied SW	Prince Geo	Prince Albert	Allied HW	Pontiac HW	Domtar	Superior	Celgar	Dryden	Cari
12-29	191	66	103									
30	4	44	123	195	—	6						
31		30	106	198		14						
1		—	164	79		6	37	98				
2		—	162				49	60	133	40		
3		56	66			18	13		151	20		
4		203	166			32	49					
5		105	156		10	—	61			10	54	
6			66		196	32				36	48	
7			204		99	31				12	30	
8			149		40	47				4		
9			164			94						
10			121			115				48		
11			126			82				60		
12			190			68				36		
13	79		257			28						
14	183		182			19						
15	—		160		193	7						
16	—		64		317	23						
17	41		132		160	15						
18	26		200		—	7						
19			184		33	73						
20		101	256		11	100						
21		156	196		60	58						
22		60	230		100	54						
23		4	194		90	18			40			
24		55	310						10			
25		132	198				26					
	x495	x410	x504	x480	x509	x501	x508	x502	x515	x480	x478	
	523	1012	4629	472	1309	947	235	158	334	266	138	

[redacted]

N	Caribou	Marathon	Panama	Southwest HW	Totals	Wt of Pulpers	# of Pulpers	Dry Alum
					360	20400	12	1200
					372	21700	14	300
					348	20300	14.5	1100
					384	18700	11	1100
					444	18200	11	1200
					324	11900	7	600
6					456	17000	10	700
54					396	11900	7	700
48					378	17000	10	700
30					376	13600	8	800
	72				312	18700	11	1100
	90				348	17000	10	1000
	184				468	16500	10	1000
	212				480	16680	10	1000
	114				408	16680	10	1000
	45				408	16710	10	1000
					384	18380	11	1100
					360	18410	11	1100
					404	18500	11	1100
					348	15210	9	900
		55			288	16850	10	1000
		66			356	16800	10	1000
					468	13200	8	800
					420	10010	6	600
					444	16620	10	1000
			38		384	18080	11	1100
				46	421	15130	9	900
				4	360	15160	9	900
3	X473	X455	X538	X538				
25	712	121	38	50	10949	415320	[illegible]	[illegible]

SA 066002

ED ARNOLD
FEBRUARY 1981

Mill C Chemicals

DATE	ALUM	CLAY	SIZE (x.25)	CLINSIZE (753 B)	STAYZME J (x100)	STAYZME 112 (x100)	TiO_2	ANSILEX	DEFOAMER	PARAMEL	ALUM IN TANK (x5.45)
1-26	575	43560	2381				5960	3450	15		660
27	600	35640	3030				6615	3850	15		660
28	625	27720	2052				6415	3425	15		880
29	525	19800	2484				7495	4425	10		660
30	650	35640	2725				7100	2550	15		880
31	600	43560	3130				7625	2825	15		660
2-1	550	35640	2630				10950	4700	15		660
2	600	43560	3372				7205	3900	15		660
3	600	83160	5415				2790	1550	10	14500	660
4	900	31680	5861				1350	600	10	39480	1100
5	400	31680	6601				2040	900	10	39280	440
6	800	51480	2791				4850	1650	15		880
7	850	47520	3030				3800	5250	15		880
8	750	39600	2143				4250	5350	15		880
9	800	27720	3071				7000	4550	15		880
10	750	31680	3036				6350	3400	15		880
11	500	19800	2609				7450	5700	10		660
12	450	15840	1351				2600	2200	10		440
13	775	19800	2470				6500	5350	10		660
14	625	27720	4060				4775	4500	15	10000	660
15	600	39600	4912				2100	1750	15	44120	660
16	500	19800	3521				—	—	8	36480	660
17	150	7920	1371				2250	350	15	—	220
18	800	19800	4416	4000			2350	325	15		880
19	1500	11880	2932				3400	4900	15		1760
20	1050	3960	2390				5000	6200	15		1320
21	500	3960	900				—	—	15		220
22	400	—	821				—	—	15		
	18425	819720	85505	4000			128220	83700	378	183860	20460
			~~x.25=21376~~						+ 7A1		x5.45=111507
			x31 26504								

CU

SA 066003

5.45		X100		X8.55					
INK	CLAY TANK	STAYZME GA	CLINTON 277B	KAL CHEM	ALPHA-SIZE	CYCLO-FILL	SODIUM NITRATE	DOUGLAS STARCH	Calgum Chloride
160	5400		9600	175				—	
660	4200		5400	250				3600	
880	3500			225				8400	
660	2300			125				8400	
880	3800			250				8400	
660	4800			250				8400	
660	4100		7200	125				2400	
660	4400		8400	175					
660	7600		4000	75					
1100	3300		4000	50					
440	3300		4800	125					
800	5100		12000	200					
880	5400		12000	250					
880	4200		13400	150					
880	2700		9600	100					
880	3400		9900	150					
660	2300		8600	150					
440	1600		2400	50					
660	2300		8400	150					
660	3100		7200	200					
660	4500		3600	250					
660	2200		3600	25					
220	1200		1200	25		1800			
880	2800		7200	350		1000			
1760	2400		8400	150					
1320	900		6000	250					
220	500			300					1050
				50					975
3460	91300		157700	4675 X		2800		39800	2025
111507				8.55 = 39911					

SA 066004

DATE	SOLAR BLUE	BLACK	YELLOW	ORANGE	BAT GREEN	INTRA BLUE	KEO TOL
7-27	186	185					
28	90	100					
29	175	183	8	2			
30	492	263	4	6			
1	243	162					
31	429	142					
2	37	32					
3	31	32					
4	26	152	5				
5	13	137	7				
6	26	141	7				
7	98	119	5				
8	106	119	8				
9	86	126	46				
10	95	139	46				
11	151	90			3506	1168	
12	96	58			8	3668	
13	104	117			8	3960	
14	90	108			8	4000	
15	90	107			5	2424	
16	557	99					
17	551	123					
18	591	132					
19	410	134					
20	225	40	194	14			✓
21	430	63					3
22	136	42	13	5			
23	118	56	20				
	5232	3101	365	27	3535	15220	4
	358	194	23	2	221	951	—

SA 06005

JCH 7,8,9

August 1981

CHEMICALS USED IN BEATER

DATE		ALUM	SIZE GAL	CLAY GAL	ANSILEX	SCM	AL	DUPONT	TI PURE	NALCO 680	Ay Clay
7-	27	3270	6540	17320	3700	5425	2550			243	
	28	2995	8500	9230	6300	7550				327	
	29	2880	6330	2820	9550	7100				255	
	30	2295	6620	4740	2400	4050				222	
	31	2550	5700	4890	2000	5550				225	
8-	1	3195	7500	8270	3650	6800			1350	291	
	2	3180	8950	6110	3050	9100				312	950
	3	2985	10280	8160	2800	7950			300	333	
	4	2100	11,400	3250	4150	10500	1450		200	264	1200
	5	2265	11,560	5760	4400	5100	7850			279	
	6	2255	5940	4960	5750	15000				264	
	7	1780	5200	5660	4150	6350	6150			234	
	8	2020	5940	7740	5550	4750	7200		2600	285	
	9	2100	6720	10720	3800	2100	6900			315	
	10	2490	9820	13150	1250	2600				360	
	11	2130	12980	7690	1350	2700				348	10200
	12	2060	7380	9820	4450	9800				309	1000
	13	1520	5720	6480	2800	5300				228	1350
	14	2080	6480	4850	2650	6550			100	312	23600
	15	1840	6700	8800	2100	5950			350	276	10650
	16	1720	6870	10270	2100	7800				258	
	17	1410	6520	8220	3500	9975				231	
	18	1505	7480	7280	5400	10400				228	
	19	1650	9020	4890	3700	6900				210	
	20	2125	11320	8320	2300	6050				279	
	21	2500	12680	10130	1700	5100				354	
	22	2100	7220	10790	2700	4250				318	
	23	2100	6720	11720	3550	9400				234	
		63,100	224,090	222,040	100,800	190,100	32,100	–	4900	7794	48950
			.25	3.0							
			56,023	666,120							

SA 066006

BLUE	YELLOW	BLACK	SP GREEN	ORANGE	RED
73	132	224	485	37	
377	26	133	320		
512		168	39	3	
246	159	159	30	20	
423	116	139		26	
499	4	205		15	
395	244	205	33	9	
197	120	143	12	8	
130	47	204	38	33	
119	84	297		50	
382	88	270		52	
220	43	240	64	28	
211	81	318	8	56	
275	116	233		34	
220	13	138		13	
152	14	68		10	
348		229		10	
132	198	147	120	50	
416	5	120	500		
269	5	146	296		
274		269	28	4	
337		292		8	
244	9	162	40	7	
194	7	117	121	5	
105	26	116	242	6	
56	308	152		50	
671		32		1	
551	7	201		3	
8028	1852	4983	2376	538	
502	116	311		34	

SA 066007

, HRNOLD

SEPT 1981 MILL C CHEMICALS

DATE	ALUM 5.45	CLAY ×3960	SIZE ×.25	CLINSIZE 753	STAYLITE GA	STAYSIZE 112	TITA	ANSILEX	DEFOAMER ×7.91	B-64 ×.55	SODIUM NITRATE	PARAM
8/24	5.50	7	55.81				68.00	24.00	15	90		14
25	7.50	9	41.91				35.75	15.75	15	100		
26	6.50	10	38.11				32.00	16.00	15	100		
27	6.00	11	47.38			20.00	4.00	2.00	15	75		
28	5.50	9	48.72				69.50	27.00	15	75		
29	6.50	12	47.70			60.00	53.50	25.00	15	75		
30	6.50	12	46.90			20.00	52.50	23.75	15	75		
31	5.00	11	50.93				31.75	16.75	15	100		
1	3.50	11	38.00				59.00	30.00	15	75		
2	3.75	7	54.11				108.50	56.00	15	75		
3/4	750/550	9/8	4389/5155				4050/-	2600/1000	15/15	125/90		
5	6.00	8	41.00				7.00	3.50	15	60		
6/7	600/475	3/3	8065/9221				400/-	200/-	15/15	50/25		26500
8	7.25	7	49.99				—	—	15	50		
9/10	550/700	8/8	4204/4265				1400/7125	350/2275	15/15	50/75		
11	6.00	8	41.38				65.00	26.00	15	50		
12	7.25	11	36.59				68.50	30.00	15	50		
13	6.25	10	40.70				62.25	20.25	15	60		
14	4.75	9	26.68				62.50	16.50	15	65		
15	6.00	9	29.35			20.00	29.00	11.50	15	75		
16	8.50	10	36.70			10.00	19.00	6.50	15	75		
17	4.75	9	30.95	21.00			13.50	5.75	15	75		
18	5.00	6	30.39				11.00	2.50	15	50		
19	6.50	11	46.38				86.50	37.00	15	50		
20	4.00	11	57.78				84.00	42.00	15	50		
21	10.50	11	46.38				102.50	46.00	15	50		
22	5.50	8	65.56				70.50	28.50	15	100		
23	4.50	7	65.31				36.50	11.00	15	100		
24	4.50	9	66.90				28.50	9.50	15	100		
25	5.50	10	42.11				12.00	4.00	15	100		
26	5.50	13	44.19				20.00	—	15	100		
27	5.50	12	33.50				22.00	2.50	15	100		
	206.25	317	165440	21.00		130.00	1444.50	603.50	525	26.15		
	112,406		41360						4153	22368		58

SA 066008

7.64

SODIUM NITRATE	PARAMEL <8%	ALUM-OP-MACH	CLAY TANK	DOUGLASS STARCH	CLINTON 677 B	CALCIUM CHLORIDE	SODA ASH	NALCO 680	PARACOL
	14360	3	3200	9100				62	
		4	3900	9100				78	
		4	4200	10400				81	
		3	4600	5000	4100			80	
		3	3500		10500			72	30
		3	5200		9100			78	60
		4	5100		10400			75	60
		2	4800		10600			77	
		2	4200		11700			54	
		2	3500		10400			66	
		4/3	3800/3300		10400/6500			78/72	
		3	3500		11700			78	
	26500/32600	3/3	1700/1400		3900/3400			4/-	
	?	4	3400		9100				
		3/-	3500/3400	2500/9100	8000/-			75/63	
		-	3000	9100				45	
		-	4900	13000					
		3	4400	5500	7500				
		2	4100		14300			63	
		3	3700		11700			69	
		4	4400		11700			72	
		4	3800		10400			75	
		2	2700		10400			81	
		3	4500		13000			96	
		3	2900		13000				
		5	4600		13000			67	
		2	3600		10400			66	
		2	3300		9100			66	
		2	3600		11700			72	
		3	4100		13000			81	
		3	5800		13400			75	
		3	4900		13200			81	
	73460		134,500	72800	295600			2113	150

ED ARNOLD

SEPT 1981 MILL D CHEMICALS

DATE	GLUE	SIZE	C-7	J	CHINCO SS	TITA	SOD ALUM
8-24	122				176	180	
25	98				144	190	
26	49				96	80	
27	49				112	240	
28	98				118	455	19
29/30	98/147				160/234	202/174	1/2
31	147				186	192	
9-1	196				106	464	
2	98				96	200	
3	122				166	(192)	
4	73				80	200	
5/6	~~98~~/73				86/208	200/240	
7	52				208	224	
8	144				144	220	
9	25				196	120	
10	123				276	220	
11	220				144	134	1
12/13	175/168				(126)/96	192/260	-/1
14	195				112	131	1
15	117				112	65	1
16	128				128	205	1
17	98				112	295	1
18	29				144	200	
19/20	84/105				112/96	220/210	
21	114				96	200	
22	76				112	210	
23	218				128	190	
24	98				80	260	
25	73				64	247	1
26	172				48	268	1
27	98				64	233	1
	3980				4314	7129	
					431,400	356450	

SE
Da
WK
WK
WK
WK
WK

SA 066010

SEPT 1981 MILL E CHEMICALS

DATE	CLAY	CAMIL WHITE	CAUSTIC SODA	TSPP	RED BLP	AMMONIA 6.82	BORAX	NOPCO 1407	FORMALDE-HYDE	PROCOTE	LATEX 620
WK of 8/24	35,000	182	100	65		294	210	700	350	5600	8400
WK of 8/31	35,000	182	50	98		350	210	700	350	5600	8400
WK of 9/7	32,500	169	50	91		273	195	5	325	5200	7400
WK of 9/14	20,000	104	75	56		168	120	200	200	3200	4800
WK of 9/21	30,000	156	50	84	2	252	150	450	300	4800	7200
	152,500	793	325	394	2	1337	915	2085	1525	24400	36200
						6.82					
						9118					18100

SEPT 1981

BLADE COATER CHEMICALS

DATE	LATEX 673	DF 122	DC-111	ALGIN HV	TS PP	CLAY	AMMONIA	UNITEX	CAMIL WITE	PROTEIN	BORAX
8-24	-	60	-	-	19	2039	46	-	200	1200	70
25		32			13	1373	22		133	800	40
26		60			25	2345	40		250	1500	75
27		36			15	1407	24		150	900	45
28		24			10	938	16		100	600	30
31		60			25	2345	40		250	1500	75
1		48			20	1876	32		200	1200	60
2		36			10	1315	86		150	2600	30
3	472	40	23	27	34	2046	35	51	700	600	30
4	341	120	32		80	2087	90		2550	900	45
8		60			25	2345	40			1500	75
9		24	20		10	938	16		100	600	30
10	120	68	8		25	2515	50		850	1500	75
11	650	100	52		20	2981	97		4100	1200	60
14	150	60	12		22	2131	47		1100	1200	60
15		36			36	1407	24		9250		45
16			26		18				9100		
17	434	16	20	36	35	1563	18		150	200	10
18	1081	52	69	54	48	2700	67		2900		
21	668	16	40	72	64	2500	24				
22	609	28	35	62	61	2659	29		50	300	15
23	324	36	15	24	34	1883	25	51	100	600	30
24		48			20	1876	32		200	1200	60
25		36			15	1407	24		150	900	45
	4849		352			44676	924				
	19299	1096	2879	275	684	446760	6302	102	32733	21000	1005

BORAX #	LATEX 620	NOPCO K	BERSET	KELGIN QL	CLINSIZE 753	SODIUM NITRATE	ELVANOL	PG 280	PENCOR 74-B	FC 807	SCRIPTSET 720	ATLAS 23
	4.33	10.0	9.09									
70	734	4	25	22								
40	440	4	20	16		2400						
75	880	6	38	8		6400						
45	660		23			6400						
30	440		15			2100						
75	1100		38									
60	880		30									
30	440	1	21			3200		300				
30	440	2	15					600				
45	660	8	23					2500		65	221	
75	1100		39			8000						
30	440	8	20			4800						
75	1100	2	43					1000				
60	880	13	30					6400				
60	880	3	30					1500				
45	660	10	22					200	800			54
		20						200	800			54
10	145		5									
		10				3200		4800				
						5600						
15	220		8		2600	5600						
30	440		15									
60	880		30									
45	660		23									
	14079	91	513									
005	60962	910	4663	46	2600	47,700		17500	1600	65	221	108

SA 066013

	Carbon T	Cellulose Cr	3.98 gm Latex 222	Nipon 121B	Nitrogen Gas	Glycerine	Staysize 02
4							
5							1500
6							4000
7							4000
8							1300
1							
1							
2			88				2000
3	6						
1	24						3900
							6000
3		14		1			3000
0	6						
11	39						
14	9						
15						32	
6		18				40	
7							
8	29						2000
21							3500
22							900
23							
4							
			88				
	113	32	2874	1		72	31,100

MACH 5,6

SEPT 1981

PULP - MILL C

DATE	GR. PRAIRIE	WESTERN	EDDY	CHAMPION	ASW	PS	NEKOOSA	AHW	DOMTAR	MAPICO YELLOW	TOTAL
8/24	80	16	~~60~~	42	90						288
25	85	17		43	129	43					317
26	76	20		48	144	48					336
27	88	44		48	144	48					372
28	60	81			145	3					289
29		31			79	29	159	65			363
30/31	80					12/31	219/144	106/72			337/327
9-1	90						108	71			312
2/3	85/65				51/149	20/14	64	51/58	20	24	258/330
4					134	39		46	75	90	384
5/6					132/12	39/8		54/6	60/80	84/96	369/417
7						7		12	60	72	386
8					127	17		53	80	96	398
9					78	25	45	41	45	54	288
10						20	132	60	80		292
11	32				12	7	97	51	20		219
12					150	29	63	58			329
13					222	11					325
14					213	2					306
15					99	15	88				312
16							134				300
17		69				42	178				388
18	40					46	148				390
19						24	209	7			318
20					78	22	112	78			290
21	48				177	29		73			327
22	24				67	41	114	73			319
23					88	19	111	81			299
24					124	43	96	88			351
25					221	41		111			373
26					183	24		115			322
27	24				140	42		124			330
	877	278	[illegible]	181	3188	840	2208	1557	520	516	11521
	467441	132606		93517	1606752		1159200	790956	270920	23220	

[redacted]

SA 066015

C	EOOY	WILLAMETTE	PONTIAC	WEST UNION	TITA	ANSILEX
288	60					
317						
336						
372						
289						
363						
37/327						
372						
59/330						
384						
59/417	~~215~~					
386	235					
398	25					
288						
292						
219						
329		20	9			
325		54	38			
306		48	43			
312		50	60			
300		102	64			
388		10		49		
390		12		194	4100	1700
318		32		46		
280						
327						
319						
299						
351						
373						
322						
330						
521	555	328	214	279	4100	1700

SA 066016

MACH 7,8 & 9

SEPT 1981 PULP- MILL D

DATE	504 ASW	508 AHW	403 Eddy	533 Gr Prairie	521 Domtar	477 Western H.W	517 Champion H.W	477 Southwest H.W	483 Marathon	525 Nekoosa S.W
8-24	303					189				
25	284		36			124	48			
26	221		135				124			
27	170	131	155							
28	199	145	74	60						
29	194	148		90						
30	196	156		80						
31	156	124		48	32					
9.1 / 2	116 / 158	92 / 123		48 / 6	32 / 121					
3	187	117		65	15					
4	144	70		122	24					
5 / 6	204 / 252	120 / 172		26 / -	34 / 56					
7	222	170			52					
8	180	134		105	73					
9	120	102		174						
10	256	180		56						
11	145	14		97				104		
12 / 13	168 / 200	- / 108		90 / 40				102 / -		
14	224	126		82						
15	186	129		117						
16	163	96	60	89						
17	154	90	72	80						
18	192	108	84	24						
19 / 20	238 / 136	148 / 104	82 / 60							
21	162	165	188	13						
22	156	143		36					134	
23	136	116	20	100					24	
24	102	84		162						
25	94	35		147						
26	122	34		156						
27		32		140						104
	6140	3516	966	2243	439	313	172	206	158	104
	3,094,560	1,786,128	389,298	903929	228719	149301	88924	98262	76314	54600

SA 066017

TOTAL BALES	MILL TOTAL WEIGHT	D BAUKE Regular	PULPER W/S
492	35000	—	35,000
492	35000	—	35,000
480	45000	—	45,000
456	40,000	—	40,000
468	40,000	—	40,000
432	40,000	—	40,000
432	40,000	—	40,000
360	35,000	—	35,000
288 / 408	35000 / 40,000	- / -	35000 / 40,000
384	25000	5000	20,000
360	35,000	—	35,000
384 / 480	35000 / 35000	5000 / -	30,000 / 35000
444	40,000	—	40,000
492	35,000	—	35,000
396	35,000	—	35,000
492	45,000	—	45,000
360	35,000	—	35,000
360 / 348	30,000 / 34500	- / 4500	30,000 / 30,000
432	30,000	5000	25,000
432	25,000	15000	10,000
408	30,000	—	30,000
474	25,000	—	25,000
408	40,100	—	40,100
468 / 300	15000 / -	- / -	15000 / -
528	24000	—	24,000
469	22500	—	22,500
394	35,000	—	35,000
348	25,000	—	25,000
276	15,000	—	15,000
312	5,000	—	5,000
276	15,000	—	15,000
	1,076,100	34,500	1,041,600

SA 066018

SEPT 1981 COLORS - MILL C

DATE	SOLAR BLUE	BLACK	YELLOW T6X	ORANGE	YELLOW FW	BLUE 86LL	RED 7DL
8-24	350	37	8				
25	437	38					
26	351	28					
27	286	127	183	31			
28	151	52	33				
29	132	152	44				
30	124	172	45				
31	159	66	11				
9-1	241	36					
2	518	64					
3	189	20					
4	97	12					
5	48	106					
6	23	28					
7	98						
8	202						
9	282	7					
10	405	68					
11	226	65	1				
12/13	441/347	181/158					
14	267	99					
15	123	89	43	2			
16	54	115	272	24			
17	34	107	4	1	119	145	35
18	75	104	4		124	129	
19/20	284/235	146/169	11/12				
21	322	217	3				
22	135	134	2				
23/24	182/149	82/84	3/6				
25	137	62	8	2			
26	141	22	30	1			
27	159	45	28	1			
	7484	2892	751	71	243	274	
	468	181	147	4	15	17	2

[redacted]

SA 066019

[redacted]

ICH 7, 8 & 9

Sept 1981

Chemicals Used in Beater

Date	Alum	Size	Clay	Ansilex	SCM	AX	DU PONT	TI PURE	Nalco 680
8-24	1620	6740	9420	2300	9950				291
25	2240	8160	9320	3200	11950				336
26	2465	11840	5370	4050	10,050				309
27	1780	11540	6090	3750	9050				297
28	1970	8870	9900	5200	9750				312
29/30	2060/1980	7740/7640	12750/12350	7950/5900	8680/8650				309/297
31	1830	6700	8090	4075	13625				276
9-1	1540	5580	5360	3200	9600				231
2	2060	9120	9920	2450	6600				291
3	1935	5800	8510	3950	8500				240
4	1475	8130	3680	4700	16075				234
5/6	1190/1740	4760/6460	4510/9390	3350/3400	8000/7400				179/261
7	2100	8180	11510	3900	6700				315
8	1935	12020	10,160	2700	6300				312
9	1540	11480	7540	1600	3750				258
10	2425	9060	14230	1650	3300				366
11	1840	6640	8820	2450	700	4800	630		276
12/13	1675/2310	6990/10590	3000/5300	3600/3000	7450/4950		1735/6210		204/279
14	1840	9900	5320	5050	6850	1275	4830		273
15	1945	5133	8865	4975		7450	315		240
16	1780	6220	6960	6300		11950			267
17	1680	5640	4240	7600		13950			252
18	1860	4740	5550	7800		9950			279
19/20	2460/2540	6760/7760	5630/6480	7300/1870		9300/5200			294/264
21	2250	11,600	10,000	1850		4350			336
22	2240	10,790	9290	4300		4500			318
23	1990	4,720	7070	4050		6550			249
24	1400	5460	3680	4350		12600			210
25	1140	4940	3430	3950	8100	1365	2565		141
26	1240	6900	2170	4100	7250	1800			192
27	1240	6120	3110	4600	7850	2000	2565		186
		270,723	257,015						
		×25	×30						
	65 315	67 681	771,045	144,470	203,080	97040	18,850		9374

[redacted]

Blue	Black	Yellow	Green	Orange
324	232	16	152	2
354	337	–		11
224	238	4	48	18
246	204		8	19
300	172	11	318	16
185/176	29/36	91/147	693/555	6/13
322	90	334	116	59
329	62	42	146	4
260	112	13	116	8
159	49	33	179	6
202	135	78	–	27
33/65	71/163	76/112	240/344	12/24
122	135	77	448	31
51	160	73	251	32
82	145	58	53	26
212	135	56	96	25
194	57	12	366	12
92/142	96/181	65/105	60/106	21/24
242	157	93	120	27
214	141	–	63	20
238	271	64	105	39
287	266	108	78	45
113	144	101	576	36
124/90	245/280	94/168	272/162	36/21
130	137	257	150	47
195	118	66	324	29
146	144	135	144	49
112	82	189	164	28
125	135	175	–	38
149	195	74	–	16
143	187	139	–	27
6402	5331	2966	6453	854

[redacted]

[illegible] 7,847
Oct. 1981

Chemicals used in Beater

Date		Alum	Size	Clay	Ansilex	Scm	AX	Du Pont	Tipure	Nalco680
9 -	28	1240	5500	4780	2950	8090				177
	29	2035	10100	9280	2200	5722				243
	30	1730	10880	7930	1850	4650				285
10 -	1	1920	9460	7680	1750	5150				258
	2	1495	10740	6800	2350	7050				171
	3	1570	7180	5350	3600	12750				162
	4	1980	7500	7450	5360	12150	1560			252
	5	2300	6420	9165	2800		350	7455		237
	6	1760	7320	10740	2900		7500			246
	7	2275	9210	11250	3400		8000			231
	8	1890	5670	10100	4850		11475			283
	9	1660	5000	6190	3500					249
	10	2410	6960	9310	2050	650	3900			312
	11	2095	7260	6850	3200	300	6525			291
	12	2278	11240	7800	5100	2050	4400			330
	13	3016	12460	8300	3450	600	8050			270
	14	1700	4800	5820	5650	10600				201
	15	1785	7500	8080	5200	15400				252
	16	1870	6600	7600	4400	10200				264
	17	1670	6660	5570	2050	10450				249
	18	1980	7320	5950	3850	14200				297
	19	1840	6980	6500	4825	14350				276
	20	1520	6730	5550	500	14350				240
	21	1660	7260	5060	5675	13350				243
	22	1299	5334	7910	3700	4350				237
	23	1250	11840	7270	1900	2850				438
	24	1735	10660	6850	2150	4150				714
	25	1760	5500	6450	3250	7050				264
		51,723	220,084	207,585	94,460	180,462	51,760	7455		7,672

[redacted]

Blue	Black	yellow	Green	Orange	Camel white
114	193	167	52	12	
114	216	155	90	6	
161	100	117	14	4	
323	52	130	228	13	
27	57	70	340		
177	93	24	238	5	
264	80	14	170	44	
132	171	264	78	38	
306		2	98	8	
213	151	6	86	10	
323	122	289	258	46	
180	126	228	128	22	
435	217	177	50	37	
374	24		48	5	
150	16	21	378	2	
136	144	51	129	8	
142	43	51	110	2	
143	165	25		8	
269	279		57	22	
173	140	28		5	3750
366	118	109		13	
475	373	170	51	21	
394	189	56	78	11	
355	436			33	
121	176		36	11	
134	181		72	9	
212	151		34	8	
214	205	39	64	13	
6427	6198	2193	2887	421	3750

SA 056023

OCT., 1981 Colors - 11C

Date	Solar Blue	Black	yellow 76x	orange	yellow FW	Blue	Red TOL	Green
9- 28	12[illegible]	17	1					
29	80	42	7	4				
30	178	86	2	1				
10- 1	252	91						
2	262	207						
3	161	180						
4	121	161						
5	165	164	33				3	
6	104	60	34				4	
7	97	92	15				1	
8	61	137	3					
9	105	156	4	1			4	
10	103	87	2	4			4	8
11	35	24	4	6				
12	243	21	6	6				8
13	218	139						13
14	149							13
15	258							14
16	428	13						
17	129	15						
18	86							
19	141	43	11	2				4
20	124	91	107					21
21	151	75	8					24
22	60	35	213					86
23	69	80	227					66
24	66	61	268					50
25	103	32	244					41
	4,070	2,109	1,189	24			16	348

[redacted]

SA 066024

Oct. 1981

Mill C Chemicals

Date	Alum x.545	Clay x3960	Size x.25	Clinsize .753	Stayzrosol	Stayscavol	F.TA	Ansilex	Defoamer x7.91	B-64 x.55	Sodium nitrate	Para
9-27												
28	300	3	5830				3050	1050	15	25		266
29	400	6	3550				3550	1200	15	25		56
30	350	9	3651				2600	950	15	75		
10-1	400	11	3508				2200	400?	15	75		
2	500	11	1263				4275	550	15	100		
3	625	9	3190				2700	850	15	100		
4	350	8	3630				3150	1350	15	75		
5	450	6	4090				6150	2775	15	100		
6	550	7	3981				3700	2000	15	75		
7	300	8	4746				3700	1600	15	75		
8	525	7	4274				2800	1050	15	75		
9	575	9	5097				3300	1250	15	50		
10	400	6	9001				3500	1450	15	50		36
11	1050	6	7165				3200	1200	15	50		51
12	150	1	2110				3400	1275	15	50		
13	150		1851						15	25		
14	200		1250						15	25		
15	225		1351						15	10		
16	225		1531						15	10		
17	400	4	3221	22			5400	1400	15	30		
18	500	5	2960	22				800	15	75		
19	600	10	3750	40			2675	1850	15	75		
20	500	9	4070	36	17		3050	1800	15	125		
21	450	10	3700		91		2700	1600	15	75		
22	450	7	4930		91		6225	2350	15	150		
23	400	8	3890		91		4775	1700	15	50		
24	400	8	4111		104		4500	1900	15	125		
25	500	10	3741	20	104		5600	4500	15	125		
	11925	178	108442						420			
	x.545	x3960	x.25						x7.91			
	6499	704,880	27110	140	498		86200	36850	3325	1900		120

58

866835

um rate	Paramel	Alum mach	Clay Tank	Douglass Starch	Clinton 677B	Calcium Chloride	SUDA ASH	ALCO 480	Paracol	>.64 HI Tox
	26660	2	1000		52			48		
	5600	2	2900		52			42		
		2	4100		91			72		
		2	4700		117			96		
		3	4700		133			78		
		3	4300		91			93		
		2	3800		91			96		
		3	2600		79			85		
		3	3000		104			78		
		2	3700		91			78		
		3	3200		91			87		
		3	4000		91			72		
	36220	2	2900		65			63		
	51540	4	3000		26			65		
		1	300							
		2	-			850	850			
		1				975	975			
		1				950	950			
		1				650	650			
		2	1800		68			42		
		3	2200		91			57		
		3	3900		65			26		
		3	4300		54					450
		3	4300							400
		2	3100					58		425
		2	3400					54		425
		2	3500					60		450
		3	4500					78		800
	120020	65	79200		1452	3425	3425	1428		2950

Oct. 1981 Mill D CHEMICALS

Date	Glue	Size	C-7	J	clingg	Ti 7A	Sod. Alum
9 27							
28	98	240			64	170	1
29	98	240			112	123	2
30	49	360			48	95	
10-1							
2	25	480			64	200	
3	170	240			96	200	
4	24	240			146	200	
5	74	240			64	160	2
6	49	120			80	200	
7	25	360			96	200	
8	24	240			112	200	
9	49	120			96	265	1
10	49	360			112	171	1
11	49	240			112	137	1
12	98	360			80	142	1
13	98	360			112	124	1
14	147	240			96	210	1
15	147	360			128	343	1
16	49	360			260	1150	
17	147	360			128	190	
18	147	360			128	200	
19							
20	98	360			112	210	
21							
22							
23	4	360			96	225	
24	118	360			80	220	
25	127	360			112	115	
	1963	7320			2534	5450	12

SA 066027

Oct. 1981

Mill E Chemicals

Date	Clay	Canilwite	Caustic SODA	TSPP	Red Br. P	Ammonia 6.82	Borax	Napco 1407	Formable H90G	Brocote	Latex G
wk. of 9-28	35000	182	100	98		350	210	420	450	5600	8400
wk 10-5	32500	169	25	141		300	195	650	325	5200	7800
wk of 10-12	27500	143	50	77		231	165	350	275	4400	6600
wk of 10-19	35000	264		115	1	371	1060			4900	4000
	130,000	758	175	431	1	1252 8539	1630	1420	1050	20100	26800 13,400

SA 066028

	x.433	10.0	9.09								8.64	227	
	620					753	Sodium			748			
Cat	Latex	Nupcoil	Berset	Helgin	Glycinate	Nitrate	Glucoal	76280	Poncor	FC 807	Scripset	720	Alg
.0	880		30		1500	2400							
5	660		23		2000	3300							
	660		23		3500	5600							
0	880		30		3000	4800							
			22		4500	7200							
0	880		30										
5	660		23										
	1012	3	36		800	1600	75	300					
0			5										
		2						500					
5	660	5	22		2400			100	400	40	136		27
2	880		30		2300	4500	75	300					
5	792	7	28		1600	3200		1300					
5	220		8										
		6											
5	660	5	22		2400			100	400	40	136		27
		5											
		1						400					27
15	660	6	23		3500	5600							
15	660		23		8000	12800							
	10164	40	378										
1	x.433	10.0	9.09		36000	51000	75	3000	800	80	272		81

Oct. 1981 — Black Water Chemicals

Date	Latex 673 (x3.98)	OK 122	OC-111 (x8.18)	Kelgin	TS 18	Clay (x10.0)	Amenin (x6.82)	Che. tec	Cumil	Protein	Borax
9-28		48			20	1836	32		200	1200	60
29		36			15	1407	24		150	900	45
30		36			15	1407	24		150	900	45
10-1		48			20	1876	32		200	1200	60
2		36			15	1407	24		150	900	45
3											
4											
5		48			20	1876	32		200	1200	60
6		36			15	1407	63		150	2100	45
7		54			15	2164	61		950	1800	71
8		8			4	313	6		50	200	10
9		12				469			50		
10		68			64	1407				900	45
11											
12		48			20	1876	32		150	1200	60
13	166	48	11		10	1873	49		1700	1100	55
14		12	15		5	469	8			300	15
15			15								
16		68			64	1407	40		4700	900	45
17											
18											
19	668	16	40	72	69	2500	24	134	4550		
20	668	16	40	72	64	2500	24	136			
21	334	10	20	36	32	1250	12	68			
22		74	15		15	1407			150	900	45
23		36			15	1407	24		150	900	45
24											
25											
	1836 x 3.98 = 7307	758	156 x 8.18 = 1276	180	497	30257 x 10.0 = 302570	511 x 6.82 = 3485	338	13650	16600	751

SA 866030

	x.433	10.0	9.09							8.64	227	
	Cater 620	Nupcorn	Berset	Helgin QL	Clinsize 753	Sodium nitrate	Gluanol	76280	Pencar 748	FC 807	Scriptset 720	At Lag 2
	880		30		1500	2400						
	660		23		2000	3300						
	660		23		3500	5600						
	880		30		3000	4800						
			22		4500	7200						
	880		30									
	660		23									
	1012	3	36		800	1600	75	300				
			5									
		2						500				
	660	5	22		2400			100	400	40	136	27
	880		30		2800	4500	75	300				
	792	7	28		1600	3200		1300				
	220		8									
		6										
	660	5	22		2400			100	400	40	136	27
		5										
		1						400				27
	660	6	23		3500	5600						
	660		23		8000	12800						
	10164	40	378									
	x.433	x10.0	x9.09		36000	51000	75	3000	800	80	272	81

SA 066031

[redacted]

Calgon T	Cellulose	Latex 722 (CACL 3.98 gal)	Ampco 12B	H.T. Mayday	Glycerine	Staysize (112)
	44	141 120				
8	25 19 10 10	141				
			1		12	
					28	
	10					
	118	402 x 3.98 1599			40	

[redacted]

SH 0660032

Southwest H.W.	Willamette	Pontiac	Westvaco	T.T.A.	Angler	Brooke	Harmac SW	Calcium Chloride	Sodium Ash	Curtain Brooke	Terrace Bay	[illegible]
						27000						
						23000						
						30000						
						15000						
						4200						
						1200						
						5600						
						6400						
						22000						
						1500	210	1050	1050			
							170	850	850	17		
							195	975	975	14		
							190	950	950	15		
							130	650	650	14		
						26000						
						38000				8		
						38000						
						34000						
						8500					85	
						17000					47	5500
						16500					32	
5						900					36	33
-6						8000					6	21
21						322800	895	4475	4475	68	206	[illegible]

5A 066033

Oct. 1981

Date	ASW	AHW	EDPY	Cr. Pacific	Pontiac	Weyerhaeuser	Champion	Southwest	Mountain	Nekoosa	Willamette
9-28	[illegible]	60	-	180						164	
29	1	116	78	10						176	
30	160	115	127								
10-1	174	150	127								
2	178	86	144	24							
3	185	84	40	92							
4	185	122	50	75							
5	77	69		90							
6	129	85	-	80							4
7	97	89	76	110							12
8	212	116	44								
9	291	111	6								
10	164	152	140								
11	162	188	130								
12	96	156	210	30							
13	118	129	45	80							
14	162	118	12	80							
15	146	86	72	80							
16	206	130	54	30							
17	202	192		10							
18	150	170		100							
19	164	144		100							
20	160	102		110							
21	179	91		90							
22	111	124	81								
23	72	129	203	40							
24	108	135	228								
25	170	170	156								
	4075	3419	2017	1311							
	x 505	x 504	x 406	x							
	2,057,875	1,723,176	818,902	688,275						340 177480	16 7296

64
156
Lumette

mill D Broke P

E-Tex Rail Pulp	Total Bales	Wall Paper	Total Weight	Regular	W/S
					32500
					45000
					49800
					44000
					44000
					30000
					45000
					40000
					40000
					40000
				5000	25000
				10000	30000
				5000	15000
					20000
					38000
					45000
					50000
		4000		10000	20000
					40000
					35000
					40000
					37900
					30000
				5,000	30,000
				25000	15000
					45000
					40000
					40000
		4000		60,000	1,006,200

SA 066035

Nov. 1981

Chemicals used in Beater

Alum	Size	Clay	Ansley	SCM	Nalco	AX	Beta Cote
1735	7040	6620	3600	6150	234		
1575	4175	5820	3100	7550	168		
1620	6880	4700	3900	7900	243		
1795	9160	6800	5050	10200	243		
1825	12780	2350	5200	8800	303		
1650	10980	2350	5300	7900	270	350	
1980	7160	8070	4350		282	7950	
1210	4944	4590	3525		183	8200	
1540	4580	8420	3150		231	7750	
1600	5080	7565	3400	3995	240	3700	
1823	9660	9300	3050	6550	273		
1865	5620	5400	5750	13700	243		300
1840	5300	5540	5550	8200	276	7500	
2050	11230	11700	6300	15850	293		
2105	9520	8300	2650	7800	153		
1840	7660	3550	5500	16200	189		
1345	7515	5650	6200	18200	207		
180	3280	3500	3079	14250	162		
1919	5100	5600	3150	12100	240		
1280	4260	4500	5300	13300	192		
1185	5680	2550	2950	6250	164		
1105	8740	4950	475	950	192		
1010	3670	4430	550	1200	108		
320	4660	6880	1200	2400	198		
1580	9480	5570	2500	8900	222		
1040	4195	4910	350	1450	63		
1160	4860	6390	1600	5600	96		
1020	3940	6310	1350	800	153	3050	
42797	187094	162515	94747	203195	5821	38500	300

Nov. 1981 Culver - Mill C

Date		Solar Blue	Black	yellow	orange	yellow	Blue	Red	Green
10	26	115	46	79					47
	27	335	49	303					
	28	132	81	441	18				
	29	145	201	330					
	30	137	59	348					
	31	163	66	340					
11	1	274	60	333					
	2	182	55	233					
	3	227	60	330					
	4	417	52	286					
	5	495	55			264			
	6	970	76			374			
	7	416	63	308					
	8								
	9	241	218						
	10	135	130						
	11								
	12	97							
	13	68	57						
	14	141	43						
	15	304	20						
	16	206	2						
	17	136	60					7	
		245	130						
	19	277						5	
	20	301	24						
	21	370							
	22	366							
		6395	1607	3331	18	638		12	

SA 066037

Nov. 1981

Mill C Chemicals

RA-21

Date		Alum 5.45	clay x3960	size x.25	clinsize 753	staymesa #	staysize 12	TiTA	Ansilex	Detonner x7.91	B-64 8.55	Sodium nitrate	Param
10	26	450	11	3750		10400#		3140	1700	15	75		
	27	350	10	3761	2200	9100		2875	1500	15	75		
	28	550	11	4740	6600	6500		4500	1600	15	125		
	29	375	11	3441	6600	6500		4050	1600	15	100		
	30	575	8	6209	2200	6500		3275	1700	15	100		1888
	31	500	9	4251		11700		4000	2050	15	75		350
11	1	400	10	4560		11700		5500	2025	15	100		
	2	600	9	3381		10400		2600	1300	15	75		
	3	550	10	4081		10400		3325	1450	15	125		
	4	450	10	3801		10400		3250	1300	15	175		
	5	550	12	4651		600		2700	1200	15	75		
	6	550	11	5618		11700		5675	2000	15	50		
	7	700	10	5160		8000		7900	3900	15	50		
	8	550	10	5110				6450	3000	15	100		
	9	600	5	3471				8100	2700	15	100		
	10	250	4	3470				5850	1950	15	50		
	11	550	5	2950				6400	2300	15	150		
	12	550	8	2260						15	100		
	13	350	8	3760		6600		1700	850	15	50		
	14	600	9	3510	2200	6500		100	50	15	50		
	15	550	9	3590	2100	6500		2350	550	15	25		
	16	550	11	3251	2200	7800		1750	350	15	100		
	17	300	9	3431		9100		350			75		
	18	550	5	3260		6500		4600	1900	15	75		
	19	550	6	3520		9100		4000	2000	15	50		
	20	400	9	3181	2200	2200		3250	1600	15	50		
	21	425	8	3580		8800		4000	2000	15	100		
	22	325	7	2941		2600		4000	2000	15	100		
		13700	245	108689	26300	179600		105690	44575	405	2375		223
		x 5.45	x .3960	x .25						x 7.91			
		74665	97	27172	26300	179600		105690	44575	3203	2375		22
		✓	✓	✓	✓	✓		✓	✓	✓	✓		✓

[redacted]

SA 066038

...ium ...itrate	Paramel 890	Alum mach.	Clay Tank 10	Douglass starch	Clinton 6778	Calcium chloride	Soda Ash	Nalco 680	Paracol 7.64	HI Sil
		2	4600					78		
		2	4300					69		
		3	3400					34		
		2	4800							
	18880	3	3600							
	3500	3	3800					69		
		2	3900					82		
		3	4000					72		850
		3	4400					75		
		3	4200	111				15		
		3	5400							
		3	4600		3700			24		
		4	4200							
		3	4500		10400			21		
		3	2200		5800					
		2	2200		4400					
		3	2300		7800			24		
		3	3600		6500			58		
		2	3500		1300					
		3	4000					63		
		3	4300					63		
		3	4600					60		
		2	3900					72		
		3	2400					57		
		3	2500					60		
		2	4400					72		
		2	3500		1800			60		
		2	3300		6500			60		
	22380	75	106400	111	48200			1188		850
	22380	75	106400	111	48200			1188		850
	✓	✓	✓	✓				✓		

SA 066039

Nov. 1981

Mill [illegible] Chemicals

Date		Alve	Size	C-7	J	clinics	[illegible]	Sod. Alve
10	26	98				96	[illegible]	
	27	73				64	137	
	28	100				80	140	
	29	316				128	201	1
	30	49				60	250	
	31	98				80	240	
11	1	147				80	240	
	2	147				64	180	2
	3	24				112	200	
	4	186				96	250	
	5	37				64	200	
	6	98				80	306	1
	7	159				124	316	1
	8	147				144	168	1
	9	85				64	166	1
	10	91				80	378	1
	11	25				80	250	
	12	88				112	324	1
	13	206				80	250	
	14	186				96	250	
	15	171				48	150	
	16							
	17							
	18							
	19							
	20							
		2531				1832	4722	8
							✓	✓

[redacted]

Blade Coater Chemicals

nov. 1981

Date		Latex 673 x 3.98	DF 122#	DC-111 8.18	Kelgin #HV	TS PP#	clay 10.0	Ammonia 6.82	Uvitex	Camilwite	Protein	Borax	Lat
90	26		48			20	1876	71		200	2400	60	88
	27		48			15	1918	54		200	1700	45	66
	28/29		36			15	1471	26		150	900	45	66
	30/31		48			20	1876	32	380	200	1200	60	88
10	1												
	2		48			20	1876	32		200	1200	60	88
	3		36			15	1407	24		150	900	45	66
	4		36			15	1407	24		150	900	45	66
	5		48			20	1826	32		200	1200	60	88
	6		36			15	1407	24		150	900	45	66
	7												
	8												
	9		60			15	2330	193		1150	5900	77	11
	10		12				479	30		500	700	16	22
	11		8				575	12		50			
	12		30			5	1229	18		400	500	25	3
	13		36	9		15	1529	24		150	900	45	66
	14												
	15												
	16		24			10	938	16		100	600	30	4
	17	217	54	10	15	36	2555	70	34	200	2400	60	1
	18		36			15	1407	24		150	900	45	6
	19		48			20	1876	32		200	1200	60	3
	20		30			25	938	22		100	600	30	4
		217	722	19	15	296	28920	760	414	4600	25000	853	12
		x 3.98		x 8.18			x 10.0	x 6.82					x
		863	722	155	15	296	289200	5183	414	4600	25000	853	5

[redacted]

SA 066041

	x.433	10.0	9.09									8.64
AX	Latex 620	Nogosant	Berset	Kelgin GV	Clinsize 753	Sodium nitrate	Elvanol	Pencor 74-B	Scriptset 720	Alloy 239	PG 280	FC 807
0	880		30									
5	660	2	22								500	
5	660		23		3500	5600					1000	
	880		30		6500	10400						
	880		30									
	660		23									
	660		23		1500	2400						
	880		30		2000	3200						
	660		23		1300	2400	75				500	
	1100	5	41									
	220	2	8									
		2									300	
	352	4	12								250	
	660	4	23		4000	6400						
	440		15		3700	5900						
	1134	1	30	300							1200	
	660		22									
	880		30		3000	4800						
	440		15		1700	1300						15
3	12706	20	430	300	27200	42400	75				3550	15
	x .433	x 10.0	x 9.09									
3	5501	200	3908	300	27200	42400	75				3550	15

SA 066042

	Calgon	Tcellulose	Latex 722	Napco 1218	H.T. clay	Glycerine	Staysize	Scriptset
		cmc 70	3.98				112	2.27
26								
27			184					
28								
29								
30								
31								
1								
2								
3								
4								
5								
6		25						
7								
8								
9		24	176					
10		12	298					
11			184					
12		7	127					
13		6						
14								
15								
16								
17								
18								
19								51
20								
21								
22								
		74	969					51
			x 3.98					
		74	3856					51

[redacted]

SA 066043

Nov. 1981

Pulp - Mill C

Date	Fr. Pierce 505	Pontar 505	Eddy 406	Champion 7.1L	ASW 505	PS	Nekoosa 5W	AHW 504	Colgar	Appleyard	Southwest H.W.
10-26			96		46						92
27			74			30					44
28			58	14		11		33			32
29			48	7	48	8		34			
30			146	24	48	1					
31			56	8	108	45			22		
11 1			61		12	50			51		
2			61	15		39			37		
3			64	52	15		84	15	22		
4			36	41		3	120		30		
5			51	47		22	132		51		
6			48	39		6	102		12		
7			51	73			135				
8			12								
9			32	64						96	
10			28	62						84	
11	36		63	72		4				72	
12	30		23	39	96	4				60	
13	48		16	28	102	23				96	
14	45		15	50		26				96	
15	45		15	51	66	27				90	
16		36	12	43	138	12				72	
17		45	15	39	131	33				90	
18		36	12	31	127					72	
19		48	16	34	145	25				96	
20		39	13	39	108	3				78	
21		42	14	36	108	36				84	
22		33	11	34	102	34				66	
	204 ✓	269 ✓	1147 ✓	942 ✓	1397 7-100 5-100 ✓	442	575 ✓	82 ✓	225 ✓	1152 x45 51,840 ✓	170 ✓

SB 866844

Southwest H.W.	Willamette	Prince Albert	Westvaco	TiTA	Ansiley	Bruke #	B/SW Kamloops	Calcium Chloride	Soda Ash	Cork Tip Bruke	Terrace Bay	E-Te Cell Pu
72						8000						46
4						7000	10					29
1						32500	44					46
						41000	48					26
						51500	51					1
						4000	16					3
						9500						45
						8000						44
						40,000						
						40500						3
						32500						3
		36				20500						3
		51				17000						
		18										
		48								16000		32
		42								14000		31
		39				6500				12000		38
						26000				11500		4
						28000				9000		6
										23500		40
										22500		17
						8500				1800		
						1500				75[illegible]		
						14000				23500		
						4500				24000		
						36000				19500		
										21000		
										16500		
10 ✓		234 ✓				437000	169 ✓			220300		417 ✓

SA 066045

Nov. 1981 — Pulp Mill - D

Date	ASW (449 / 585)	AHW (454 / 209)	EDDY (410 / 406)	Gilpin (529 / 225)	Quatro (521 / 163)	Western (464 / 44)	Glengien (57 / H.W)	Southwest (H.W)	Marathon	Nebraska (S.W)	Willamette	G-T-Outlet
10-26	156	110	130									
27	110	72	50									
28	160	102	63									
29	194	84	105									
30	84	172	164									
31	92	125	103									
11-1	164	170	28	18								
2	136	76	64	108								
3	129	102		118								
4	114	129	80									
5	188	75	51	16								
6	92	33	20	88								
7	84		88									
8	38	31	34	34								
9	42	48	159									
10	118	40	59	121								
11	200	54	84	56								
12	114	54	12	48								
13	177	76	20			14						
14	130	28	24			8						
15	112	61	87			16						
16	76					84						
17	74				110	50						
18	66		44		66	26						
19	134		28		43		106					
20	154	122	12									
21	88				84		74					
22	110		18		60		55					
	3266	1764	1527	607	363	198	235					

SH 966946

	491	503	494	515	308						
G-Tex cell pulp	Kamloop	Supervar	Prince Albert	T. Bay	Westvaco	V Blue	Total bales	wall paper	Total weight	Regular	w/S
										5000	31000
	10									15,000	20000
	65										10000
	65	20									5400
		82									3400
		88								53000	
		64								3000	35000
											35000
										30000	15000
										8000	
				3							
								5000			15000
											45000
											45000
											40000
											25000
											25000
										21000	5000
			98							45000	
			90							20000	1000
			20							20000	10000
										35000	
					30						30000
					76						35000
											45000
											35000
											30000
											15000
	140	254	208	3	106			5000		255000	555800

SA 066047

[redacted]

Dec 1981 — Chemicals used in Beater — M.11.①

	Alum	Size	Ansilex	SCM	Nalco	AX	clay	yellow	Blue	black	Solar Blue	Or. 1.5%
18	980	3920	1840	4350	147		5250		158	194		7
24	980	3190	950	750	72	700	6550	6	83	61		1
25	980	3400	9270		147		8880		143	45		
26	1080	3910			162		6690		160	79		
27	940	3800	1150		141	2300	5930		194	33		
28	960	3690	1600	3450	134	900	8690		130	45		
29	1140	4110	150	850	174	300	9970		205	53		
30	1240	4350			186		7480		210	56		
1	1020	3540	475		142	1750	9030		155	79		
2	1360	4320			204		7140		175	68		
3	1300	3650			195				198	31		
4	1200	4640	750	2250	180		2730		192	94	76	8
5	1040	3880	500		156	1500	5710		75	80	299	5
6	1[illegible]	4260	2400	2900	162	1500	4440		187	84	146	
7	1550	4200	[illegible]	2250	180		8100	29	42	147	41	17
8	1445	7310	1000	2300	189	950	4250	8	103	146		6
9	1080	4560	1100	2250	162		4800		117	121	142	
10	970	5340	50		159	100	6930			32	78	
11	1860	6280	600		132	1000	10630		9	84	75	2
12	1100	5200	3050		165	5550	2590		78	137	9	6
13	1380	5980	2750		219	5550	4600	189		61		19
14	1540	6320	5950		243	12700	5680	184	133	273	136	34
15	760	3180	2500		114		3330		40	154	83	7
16	520	1560		1600	78	4050	2600	2	31	38	33	
17	820	2350	275	550	123	3000	4760			115	48	5
18	1080	3920	11100	6800	162		4520	1	10	238	5	6
19	1840	5220	1350	2300	271	4300	8310	10	29	322	74	12
20	1600	4500	500	2500	240	1350	6300		25	266	40	24
21/22	3360	10920	10950	15250	504		14880	15	311	573	169	35
23/24	1540	4320	300	2600	231	400	5220	6	59	146	4	19
25/26	1920	4580	200	4700	288		15020	11	155	111		16
27	1880	5380	2530	5600	282	2250	8400	11	147	282	89	18
	41605	144580	63496	62650	5944	48150	209710	476	3494	4244	1547	247

866848 SA

Dec. 1981 ÷16 Colors - M.11 C

	Solar Blue	Black	yellow BX	orange	yellow Fwd	Blue Fell	Red 7th	Green	Magic Yellow	Magic Black	Intensive
11-23	372	12	139	12							
24	415						8				
25	250	33					8				
26	177	110					1				
27	128	220					2				
28	113	225					2				
29	104	189									
30	127	204									
12-1	134										
2	169										
3	129										
4	149										
5	84	5							42 Bug	144 oc	
6	277	104									
7		85	204	16				9			3564
8	155	98						9			3848
9	106	9	1				1	7			2958
10			10				10				3508
11	152	150	1				2				
12	120	180	2				3				
13	306	49	3				7				
14	148	53	219	28							
15	496	70	3				6				
16											
17	123	104	1	2							
18	1	15	21	7							
19	115	47	10	5							
20	329	62	8	4							
21/22	477	159	22	9							
23-24	36	93	6	2							
25-26	346	85	8	6							
322	12	99	12	6							
	5532	2365	660	97			50	25	42	144	13878

Dec. 1981 X Mill C Chemicals

Date	Alum 5.95	clay x.3960	Size x.25	clinsize 75	staynesa	staysize	TITA	Ansilex	Dekramer x7.91	B-64 8.55	Sodium nitrate	Para
23	600	11	3030				5200	2600	15	75		
24	400	9	3220				8050	3850	15	80		
[illegible]	550	7	4230		6100		6000	3500	15	80		
26	375	8	4290		1700		7950	3100	15	90		
[illegible]	400	4	4150		5200		8300	3675	15	75		
[illegible]	350	5	3970		5200		6800	3450	15	50		
29	425	3	3800									
30	350	4	3411		5200		3600	2200	15	50		
1-1	375	8	3610		10400		150	100	15	50		
[illegible]												
3	700	8	2971		6500				15	50		
4	650	6	4710		7800				15	100		
[illegible]	500	5	4366		6500		450		15	75		
[illegible]	850	5	3820		9100		5150	1400	15	75		
7	2350	2	2221		1300		2175	850	15	50		
8	550	—	2350		1300		3025	1075	15	50		29
[illegible]	50	4	1772	4700			1700	525	15	50		
10	400	1	1420	2600			5500	2500	15	25		
11	400	3	2641		5200		10275	3725	15	75		
12	550	2	3323		6500		14825	4575	15	100		
13	700	8	3858		10400		9850	4300	15	75		
14	600	8	4002		9300		4400	1750	15	100		
15	875	9	3920		11700		11050	4075	15	125		
16	535	7	3890		11700		12250	2850	15	150		
17	537	4	4700		9100		10125	2050	15	100		
18/19	1076	9	8808		10400		17550	2600	30			
20/21	1013	17	9050	2200	20800		22975	5200	30	200		
22/23	1152	17	7560	2000	15600		15325	2200	30	250		
24/25												
[illegible]/27	1133	16	8399	2300	25600		24525	3700	30	275		
	18746 x5.95 102165	190 x.3960 75	115492 x.25 28873	13800	205600		217200	65850	465 x7.91 3678	2495 x8.55 21161		296

SA 066050

X10

Paramel	Ilum mach.	clay tank	Douglass Starch	Clinton 6771	Calcium chloride	Soda Ash	Valco 680	Paracol 2.64	HI Sal	280 Penford
	6	4800		11700			60			
	2	4000		13000			63			
	[illegible]	3100		4300			42			1000
	2	3600					51			
	2	2200					54			
	2	2100								
	2	2100								
	2	2100					54			
	2	3400					78			
	4	3400								
	4	2700								
	3	2100								
	5	2600					70			
	2	1000								
29600	1	—								
		1900					36			
	1	500					33			
	2	1900					52			
	3	1300					52			
	4	3100					93			
	3	3800					42			
	5	4000					103			
	3	3000					63			
	5	1900					64			
	5	3800					139			
	5	7300					105			
	5	7600					138			
							5			
	6	7600					126			
29600	89	84900		29000			1518			1000

SA 066051

Dec. 1981 — M. 11 D - Chemicals

Date	Glue	Size	C-7	Jo.	clinca	TTA	Sid. Alu	clinzo									
11-23	118				64	87	1										1
24	48				16	35	1										
25	86			88		1											
26	86				96		1										
27	37				80	250											
28	39				64	250											
29	41				112	250											
30	46				96	250											
1	45				64	250											
2	45				48	240											
3	47				48	200											
4																	
5	74				80	36	1										
6	49				80	93	1										
7	98				104	48	2										
8	25				56	68	1										8
9	61				72	50	1										9
10	86				96	5	1										1
11	85				72	160	1										11
12	146				72	160	1										1
13	158				56	190	1	16									1
14	87				96	200	2										16
15	98				64	180	1										1
16	59				64	160	-										1
17/18	182				96	365	2										1
19/20	195				136	331											2
21/22	48				80	423											2
23/24	26				32	150											23
25/26	72				144	200											25
27	73				112	200											2
	2261			88	2400	4832	18	16									

866852 SA

Blade Coater Chemicals

Dec. 1981

Date	Latex 673 x3.98	DF 122#	DC-111 8.18	Kelgin *HV	TS 88#	clay 10.0	Ammonia 682	Unitex	Camel white	Protein	Lucax
1/23	130	30	9		29	1060	18		8150	600	30
24		8				400	5		50		
25		2				175			50		
26											
27											
28											
29											
30											
31											
1											
2											
3											
4											
5											
6											
7		36			15	1407	24		150	900	45
8	250	44	20		10	1363	41		1600	600	30
9		12			5	469	8		50	300	15
10		18	24			735	13			400	
11	434	18	20	30	36	1563	121	69	50	3400	10
14		12			5	469	8		50	300	15
15	216	24	10	16	9	1446	30	34	550	500	26
16											
17		12				479	17		500	300	16
18		16				596	2		100		
19/20											
21		20			5	810	13		100	300	
22	380	7	18	26	28	109	14	60			
23/24											
25/26											
27											
	1410 x3.98	259	101 x8.18	72	142	11081 x10.0	311 x6.82	162	11500	6790	187

SA 066053

x 433 -100 9.09

Calg 620	Nacomat	Berset	Kelgin QV	Clinsize 753	Sodium nitrate	Elvanol	Bencor 74-B	Scriptset 720	Atlas 239	PG 280	K 607	Calgo
440	12	15	9	200			700	10	48	200	3	
	2									200		
	1									100		
660		25										
440	5	15		800	1300					2500		15
220		7										
480	9		27									
145		5		300		75						
220		8										
365	2	13										
220	[illegible]	8										
	3					400						
220	2	5								100		
3410 x .433 1477	39 x 100 390	104 x 9.09 945	36	1300	1300	475	700	10	48	3100	3	15

SA 066054

SA 066055

CMCTC 3.98 TDB #1. 112

Cellulose Latex x 2 Lb nylon Dry clay Glycerine Stays 24

			74		
				1	21
15				2	
		25			
		12	88		
		12	198		
			74		
15		49	434 x 3.98	3	21

Pulp - Mill P

Dec. 1981	ASW	AHW	Eddy	Gr. Rivers	Peaks	Western	Georgian	Southwest	Pontiac	Northern	Millinder	
	489	440	410	402	403	469	527	H.W		S.W		
23	110	22	18		63							
24	64		14		56		56					
25	48				70		68					
26	66		16		56		84					
27	62		20		70		76					
28	48	45	18		62		27					
29	78		20		70		108					
30	72		36	45			99					
1	62	16	24	30			72					
2	84		40	50			114					
3	96		32	45			123					
4	75		4	17			17	12			86	
5	72		20					45				
6	60		40					90				
7	134		18					94				
8	110		48					90			36	
9	72		40								112	
10	72		75					93				
11	102	134	100									
12	112	100	20									
13	168	122										
14	227	84	15									
15	119	119	8									
16	164	164	44									
17	97	88	31									
18/19	356	222	76									
20/21	356	130	60			24		66				
22/23	322		112					10	194			
24/25												
26/27	523					104						
	3955	1244	949	187		128	844	550	194		234	

066056 SA

	491	503	494	Edw	308						
e-tex roll pulp	Kamloop	Superior	Prince Albert	Condon SW	Westvaco	II Blue	wallpaper	Regular	III Red	IV Type	W/S
									25000		
									10000		
									20000		
									30000		
									25000		
									10000	10000	
									15000	15000	
				6					35000		
									15000		
									25000		
									40000		
			70					5000	15000		5000
			65						25000		
			50						25000		
									15000		
			12						10800		
			40						18600		
									29000		
									30150		
			44						15000		
			70					15000	20000		
			70						20000		
									40000		
						5000			35000		
									10000		
						25000			35000		
						25000			42800		
					90	60000			5000		
					139						
						10,000			60,000		
						125000		20000	701350	25000	5000
			421	6	229	125000		20000	701350	25000	5000

SA 066057

AN 82
11 - D

Chemical used in Beater

Alum	Size	Ans. lex	SCM	Valco	clay	AX	yellow	Blue	Black	Solar Blue		Orang
1965	10220	2000	600	327	8310	3400	3	314	281			1
1593	11200	2100	2100	315	9800	2100	5	139	117	88		
1420	11400	3600	7750	257	5760		16	47	117	110		8
1360	5460	4650	6550	213	2360	8450	22	16	305	98		33
1560	6160	5150	1690	234	4460	900	15	60	297	104		32
1795	7480	4250	8500	273	6560		14	10	165	174		16
1785	11360	3900	4900	291	9330		34	72	79			9
1660	6580	4450	4200	414	7090	4350	254	108	171			58
1660	5940	4200	8050	249	6460	900	139	132	200	237		30
1678	6300	1700	3000	267	11530		6	218	86	217		2
1530	5850	1200	1200	255	14200		11	208	79	212		
1740	5890	3280	1400	282	10200		8	250	46	390		
1640	5180	9100		246	9040			224	60	216		
1940	5380	5100	11750	291	8450	2150	128	451	280	201		15
1550	8980	4150	13400	234	4625		87		352	208		12
1765	9420	4350	9450	282	5980	3450	99	17	403	184		21
1760	5620	3250	6400	252	7190	3450	193	115	373	57		24
2040	6120	2900	3250	306	10260		134	315	106			9
1615	5760	5950	17100	219	2900	3600	25	99	84	74		42
1460	6380	8050	13100	681	1800	9450		148	195			22
1545	7240	8100	5400	210	1450	10150	4	1	76	23		25
1490	6400	7400	7600	204	940	9100	46	94	160	32		33
1675	6480	4350		231	3000	14050	80	68	75	15		28
2383	7380	7730	1200	231		16700	133		105	49		53
1640	6460	7200	10500	228	1800	9745	38	33	168	111		23
3965	5760	2800		246	7050	7800	93	14	241	201		9
1835	6700	4050		261	3700	9790	72	55	172	49		32
2010	6840	2100		288	4550	6300	9	67	273	151		6
50059	199940	119060	149090	7784	168795	125835	1668	3275	5066	3201		543

SA 066058

JAN 82

Colors - Mill C

JA

Date	Solar Blue	Black	yellow 76X	orange	yellow FW	Blue 8611	Red	Tol Pontamine Green	Makico yellow	Modico Black	Intralite Blue	Pa
28	164	165	14	15								12-2
29	117	105	12	12								2
30	106	67	140	32								30
31	105	7	42	9								31
1	45	51	36	3								1- 1
2	54	111	10	15								2
3	37	142	64	12								3
4	49	82	58	12								4
5	139	205	130	31								5
6	116	108		11								6
7	68	65					4					7
8	207	44					2					8
9	136	29										9
10	351	58										10
11	424	97	162	13								11
12	496	94										12
13	123	103					8					13
14	241	76	4				5					14
15	338	197					20					15
16	135	51	9				7					16
17	[illegible]	200	2				1					17
18	230	190										18
19	9	13						1319			777	19
20								3798			1266	2
21	12	18						1365			455	21
22	28	93										22
23		127	67				23					23
24		119	71				21					24
	3983	2617	821	165			91	6482			2498	

SA 066059

JAN 82

Mill C - Chemicals

Date	Alum 545	clay x.3960	Size x.25	clinsize 753	staymega #	Slaysize 112	TiTA	Ansilex	Defoamer x7.91	B-64 8.55	Calcium Carbonate
12-28	417	9	4599		10400		11725	1325	15	125	
29	357	11	4480	2200	9100		8200	900	15	125	
30	637	8	3896		1300		6375	850	15	125	
31	436	3	3685		3900		5225	1750	15	100	
1-1	358	6	3800		8000		6100	2300	15	100	
2	655	8	3990		7800		4400	1350	15	100	
3	378	9	3576		8000		3550	1300	15	75	
4	596	7	3615		5200		2925	1150	15	75	
5	418	6	3980		8100		8525	3350	15	75	
6	417	5	3200		6500		5250	1800	15	100	
7	417	7	3191		7800				15	100	
8	358	8	3419		10400		1400	300	15	100	
9	536	9	3490		9100		400	200	15	50	
10	536	6	4089		7200		5550	2200	15	25	
11	596	11	3750	2200	9000		6500	2600	15	50	
12	477	9	4309	4000	7800		10800	4450	15	50	
13	885	10	4020	2100	7800		6675	2150	15	100	7500
14	477	9	4267		10400		7550	3700	15	90	
15	596	9	3113		9100		6050	3475	15	50	
16	537	11	3800	2200	9100		8350	2650	15	50	
17	591	13	4189		11700		5650	2175	15	60	
18	386	6	3810		10400		5775	2625	15	75	
19	417	1	1519				750	375	15	25	
20	179	—	1300						15	25	
21	358	4	2590	4400	4000		200	100	15	45	
22	477	7	3920		7800		5800	1525	15	55	
23	476	5	3830		7800		5600	1600	15	50	
24	298	6	3940	900	7900		5250	1500	15	75	
	13266	203	101367	18000	205600		144575	47700	920	2075	7500
	x5.45	.3960	x.25						x7.91	8.55	
	72299	80	25342	✓	✓				3322	17,741	
	✓	X	✓								

090990 SA

Alum sumel.	Alum mach.	Clay tank	Douglass Starch	Clinton 677B	Calcium Chloride	Soda Ash	Nalco 680	Paracol 7.64	Pentone 280				Date
	2	4100					73						12-28
	2	4800					75						29
	3	3500					86						30
	3	1700					66						31
	2	2800					72						1
	1	3100					84						2
	3	4000					96						3
	2	2900					45						4
	2	2600					48						5
	2	2100					63						6
	2	2900					81						7
	2	3800					18						8
	3	3900					84						9
	3	2900					66						10
	3	4900											11
	3	4100											12
	1	4400					64						13
	3	3800					51						14
	3	4208					63						15
	3	4700					69						16
	3	3600					12						17
	2	2900					39						18
	1	600			600	480							19
	1				950	760							20
	2	3500			250	200	39						21
	3	3300					52						22
	2	2900					48						23
	2	3000					45						24
	71	93008			1800	1440	1439						
		x 10											
		930080											
		X											

SA

866861

SA

JAN 82

Mill D - chemicals

Date	Glue	size	C-7	J	clinco 55	TiTA	Sod. Alum	clinsize 753	sodium nitrate
12-28	98	360			186	200			64
29	73	480			108	220			32
30	75	480			112	190			48
31	147	240			80	260			
1		240			104	221	1		16
2	126	360			100	176	1		16
3	73	360			94	80	2		32
4	98	360			78	172	1		
5	123	240			82	161	1		
6	98	240			98	62	1		
7	98	240			126	26	1		
8	147	240			152	170			
9	122	240			176	190			
10	122	360			176	156			
11	73	360			160	165			
12	98	360			126	180			
13	98	240			160	166			
14	74	240			192	188			
15	98				112	395			
16									
17	74				96	453	1		
18	98				90	442	—		
19	23	240			80	382	1		
20	47				128	296	-		
21	28	240			100	383			
22	122	240			128	200			
23	72	360			112	192	2		
24	123	240			96	200	—		
	2428	6960			3252	5926	12		208

SA 066062

SAN 82

Blade Coater Chemicals

Date	Catex x398 673	Dt 122#	DC-111 8.18	Kelgin# HV	TS. Pp#	clay 10.0	Ammonia 6.82	Uvitex	Comi white	Protein	Borax	Lute
28		24			10	938	16		100	600	30	440
29		24			10	938	16		100	600	30	440
30		24			10	938	16		100	600	30	440
31		24			10	938	16		100	600	30	440
24		24				1407	63		100	2400	84	405
5	217	9	10	15	16	860	17	34		400	14	68
6	109	26	5	8	18	1251	19	17	100	600	30	440
7		36			15	1407	24		150	900	45	660
8		24			10	938	16		100	600	30	440
9												
10												
11												
12		48			20	1876	32		200	1200	60	880
13		24			10	938	16		100	600	30	220
14	217	28	10	15	26	1563	22	34	100	600	30	440
15	217	28	10	15	26	1563	22	34	100	600	30	440
16	603	14	29	83	59	1723	21	17				
17												
18												
19	330	8	16	50	34	940	12					
20												
21	165	52	8	25	37	2346	38		200	1200	60	880
22												
23												
24												
	1 58	417	88	211	311	20564	366	136	1550	11500	533	6633
	x 398		x 8.18			x 10	x 6.82					x .43
	7395		720			205640	2496					287

SA 066063

4N82

Blade Coater Chemicals

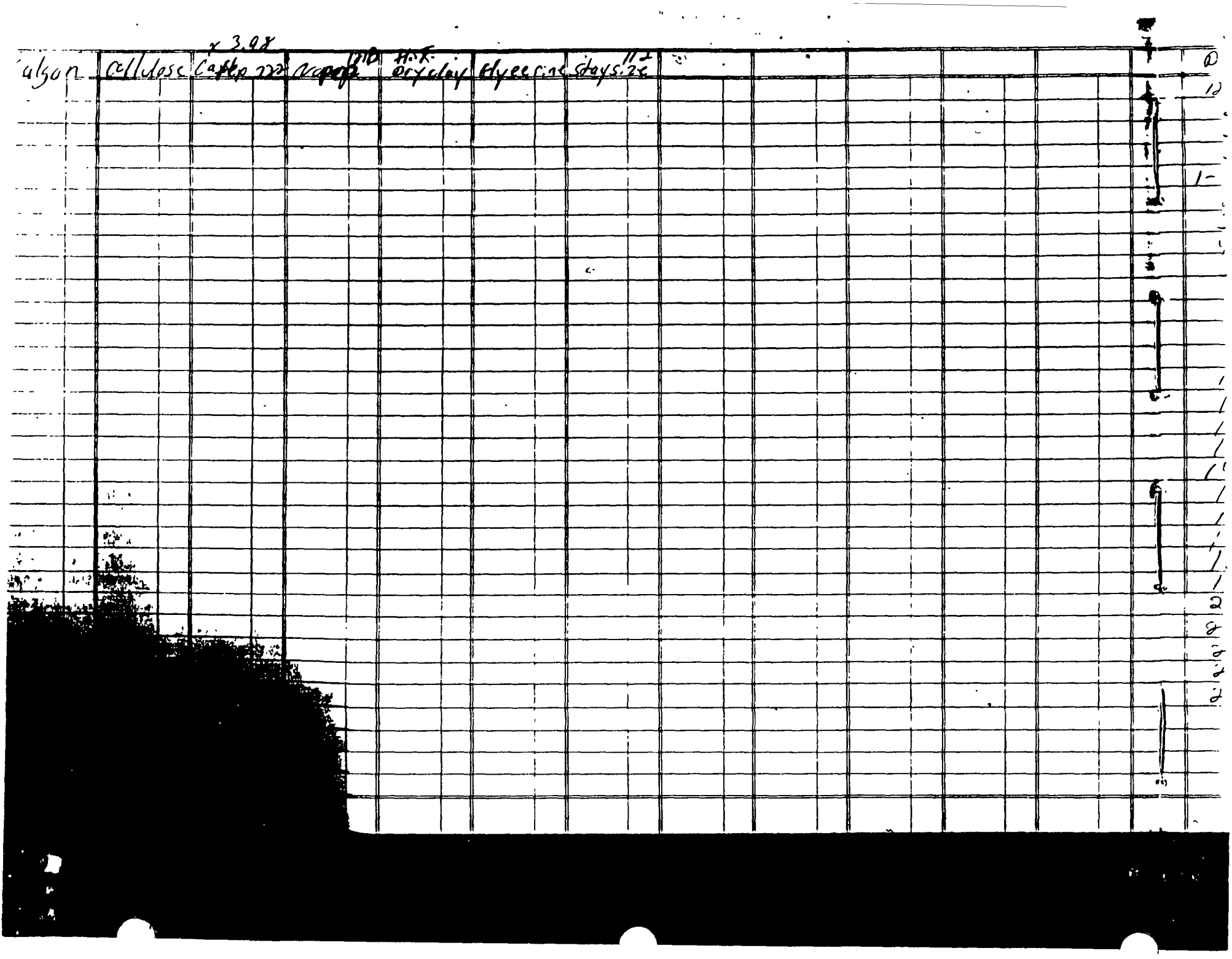
fc	Cater x3.98	Dt 22#	DC-111 8.18	Algin #	75.8g #	clay 10.0	Ammonia 6.82	Clutex	conc. white	Protein	Borax		Cutex x6
28		24			10	938	16		100	600	30		440
29		24			10	938	16		100	600	30		440
0		24			10	938	16		100	600	30		440
1		24			10	938	16		100	600	30		440
34		24				1407	63		100	2400	84		405
5	217	9	10	15	16	860	17	34		400	14		68
6	109	26	5	8	18	1251	19	17	100	600	30		440
7		36			15	1407	24		150	900	45		660
8		24			10	938	16		100	600	30		440
9													
10													
11 }													
12 }		48			20	1876	32		200	1200	60		880
13		24			10	938	16		100	600	30		220
14	217	28	10	15	26	1563	22	34	100	600	30		440
15	217	28	10	15	26	1563	22	34	100	600	30		440
16	603	14	29	83	59	1723	21	17					
17													
18													
19 }	330	8	16	50	34	940	12						
20 }													
21 }	165	52	8	25	37	2346	38		200	1200	60		880
22 }													
23													
24													
	1558	417	88	211	311	20564	366	136	1550	11500	533		6633
	x 3.98		x 8.18			x10	x 6.82						x 4.33
	7395		720			205640	2496						28721

866864 SA

Latex 620	Nocasan	Berset	Kelsin QV	Clinsize 753	Sodium Nitrate	Elvanol	Pencar 74-B	Scriptset 720	Alas 234	PG 280	FC 807
x.433	x 10.0	x 9.09									
440		15									
440		15									
440		15									
440		15									
405	3	23									
68	1	4									
440		15									
660		24									
440		15									
880		30									
220		15									
440		15									
440		15									
880	1	30		800	1600						
6633	5	246		800	1600						
x.433	x10	x9.09									
28720	50	2236									

SA 066065

algon	cellulose	x 3.98 Cattex 222	Napop 1210	H.K. Dry clay	Glycerine	stay size 112	



SA 066066

JAN. 82

Pulp Mill C

Date	Gr. Prairie	Pondosa (SW Hwy)	Eddy (Yoko)	Champion (H.W.)	ASW (SBS)	PS	SW Nebraska	AHW (SOH)	Celgar	Lag-Magnico Cariboo Yellow Cariboo	
12-28	26	27	31		154	52			38		
29	17		5	38	139	42			17		
30	18		51		87	45		2	18		
31	13		97		43	39					
1-1			94		61	40					
2			108		51	51		18			
3			120		109	48		66			
4			90		68	32		50			
5			85		51	9		34			
6	10		84			38				102	
7	30		45			25		26		90	
8	32		48			43		52		96	
9	32		48			49		49		96	
10	22		33			8		66		66	
11	12		143					35			
12	36		36			36		48			
13	25		102		10	38		65			75
14			32		58	40		68			
15			102		16	17		59			
16			90			34		49			
17			102			18		71			
18			72		18	25					
19								2			
20								58	52	90	
21						17		39	56	84	
22			10		46			17	42	18	
23			13		87				39	78	
24			16		81				48	36	
	273	27	1657	38	1079	746		874	310	828	75
	✓	✓	✓	✓	✓			✓	✓		

SA 066067

JAN. 82 Pulp - Mill ①

S.W.	Date	ASW 505	AHW 535	Eddy 352	GR. Prairie 540	Puntar 501	Western 460 HW	Champion HW	Southwest HW	Puntiac	Nekoosa S.W. 460	Williams 460
	12-28	211	118	116			64					
	29	141	156	189								
	30	78	39	177								
	31	114	11	153								
	1-1	133		97								
	2	112	8	79								
	3	112	64	24								
	4	170	80	4								
	5	155	141	24								
	6	274	122	5								
	7	88										
	8											
	9	184					18					30
	10	146	99	9							72	10
	11		94	126							164	
	12	200	109	54							18	16
	13	180	6								84	138
	14	158	22								54	150
	15											
	16											
	17	12	65	15	15	45						
	18											
	19	54		64		30						
	20		57	93		45						
	21	68	98	113	16	4						
	22	226	83	33								
	23	174	88	65								
	24	136	97	111								
		3126	1557	1551	31	124	482				392	344

...llamette	Dontar SW	Eastern SW	Western HW	Harmac SW	Broke	Carilloo CL	Calcium Chloride LB.	Eastex SW	Cort tip Broke	Soda Ash LB	Roll S.W.
					10000						
					9500						
			91		16000						
			39		9000						35
			34		4000						15
			51								51
			13		9500						37
					9000						11
					17000						28
								4	11500		26
								90	15000		38
								39	16000		32
		3							16000		49
		27							11000		29
		33			2000						
											36
					5000						
		16									48
											40
					11000						34
					6000						41
	25										3
	49			120	15000		600		18000	480	
	60			190			950		22500	760	
				50			250		21000	200	28
				62	11500				19500		5
				58	14500				19500		
				54	13500				24000		
	133	79	228	534	168500		1800	133	194000	1440	585
	✓		✓	✓				✓			✓

JAN. 82 Pulp - Mill ①

Wlp	Date	ASW 505	AHW 535	Eddy 352	GR. Prairie 540	Puntar 501	Western 460 HW	Champion HW	Southwest HW	Puntiac	Nekoosa S.W. 430	William 460
	12-28	211	118	116			64					
	29	141	156	189								
	30	78	39	177								
	31	114	11	153								
	1-1	133		97								
	2	112	8	79								
	3	112	64	24								
	4	170	80	4								
	5	155	141	24								
	6	274	122	5								
	7	88										
	8											
	9	184					18					30
	10	146	99	9							72	10
	11		94	126							164	
	12	200	109	54							18	16
	13	180	6								84	138
	14	158	22								54	150
	15											
	16											
	17	12	65	15	15	45						
	18											
	19	54		64		30						
	20		57	93		45						
	21	68	98	113	16	4						
	22	226	83	33								
	23	174	88	65								
	24	136	97	111								
		3126	1557	1551	31	124	482				392	344

SA 066070

(coll p/p) Tex	401 Kamloop	503 Superior	456 Prince George	Condian S.W.	308 West Valco 308	III Blue	Wallpaper	Broke (Regular)	IV Red	V Taper	W/S	Brut
									30000			
									30000			
					56				35000			
					46				25000			
					120				30000			
					146				35000			
					99				45000			
									40000			
									40000			
					88				40000			
					248				45000			
					258				35000			
					194				40000			
									35000			
									34800			
									35000			
									20000			
				12					40000			
									40000			
									30000			
				12				9000	5000			
					116			8000	10000			
					10				30000			
			8						24000			
			25						40000			
			45						35000			
			52					5000	25000			
			130	24	1381			22000	873800			

[redacted]

	Brake	Celgar 481	Carriboo 479	Crestbrook	Eastern SW
		18			
		48			
	9	44			
	9	48			
		24	20		
			89	36	
			32	68	
				40	
				5	
					158
					264
					50
		186			
		116			
		145			
		14			
		643	141	149	472

SA 066072

SKAR VIEW D
EBRUARY 1981

Mill D Chemicals

DATE	GLUE	SIZE x120	C-7	J x100	CUNCO 55 x100	TiO_2 x50	CLAY COUNTER	SODIUM NITRATE
1-26	147	600		8000	6400	12500		
27	147	600		1600	12800	12500		
28	147	480		1600	3200	12500		
29	147	480		–	8000	12500		
30	147	240			11200	12500		
31	147	480		1600	16000	12500		
2-1	196	360			16000	12500		
2	98	360		–	12800	10,000		
3	146	480		–	15800	10,000		
4	147	360		–	14400	11,000		
5	220	360		–	16000	12,500		
6	385	360		–	11200	12,500		
7	–	360		–	12800	10,000		
8	49	480		–	11200	8,500		
9	98	240		–	11200	10,000		
10	97	480		–	14400	9,000		
11	98	360			8000	8,000		
12	98	360			1600	8500		
13	490	480			6400	6550		
14	147	720			6400	7750		
15	147	720			1600	6900		
16	98	480			6400	4500		
17	98	480			8000	6450	1	
18	146	360			12800	5800		
19	147	480			11200	8300	2	
20	98	720			12800	12500		
21	147	600			11200	12500		
22	98	240			9600	12500		
	4130	12740		12800	289400	281250	3	

[redacted]

H. Vogler
FEBRUARY 1981

Mill E Chemicals

DATE	A.T. CLAY	CAMIC WITE	CAUSTIC SODA	LATEX 620 x.50	TSPP	AMMONIA x7.27	SALT	BORAX	NOPCO 1407	FORMALDAHYE	PROTEIN
Wk of 1-26	30000	130	25	6000	70	210		150	400	250	4000
Wk of 2-2	35000	169	25	7800	91	273		195	520	325	5200
Wk of 2-9	37500	195	—	9000	105	315		225	600	375	6000
Wk of 2-16	35000	169	25	7800	91	293		195	650	325	5200
	137500	663	75	30600 x.50=15300	357	1091 x7.27=7932	—	765	2170	1275	20400
	✓	✓	✓	✓	✓	✓		✓	✓	✓	

[redacted]

H. Vogler
FEBRUARY 1981

Blade Coater Chemicals

DATE	CATEX 673 x2.98	DF-122	DC-111 x8.18	KELGIN #	TSPP	CLAY HT. x10	AMMONIA x7.27	VVITEX	CAMIC WHITE	PG 280	74B PENCORE
1-26	325	24	15	23	24	1407	17	51	50		
27	—	88	—	—	40	2814	64	—	300		
28	—	38	—	—	53	738	22		9200	200	800
29	—	48	—	—	9	1806	32	—	4750	100	400
30											
31											
2-1											
2-9	868	32	40	60	64	2500	24	136			
2-10	434	16	20	30	32	1250	12	68			
11		48				1876	24		150	600	
12		64				2572	55		1200		
13	434	32	20	30	32	1719	20	68	50		
16	434	64	20	30	32	2657	36	68	150		
17	—	80	—	—	—	2345	40	—	250		
18	217	40	10	15	16	1563	22	34	100		
19	434	16	20	30	32	1250	12	68	—		
20	—	32	—	—	—	938	16	—	100		
	3146	622	145	218	334	25435	396	493	16300	900	1200
	x3.98= 12521		x8.18=1186			x10=254350	x7.27=2879				
	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

SA 066075

B CORE	STAYSIZE 112	CALGON T	NOPCO K (x10)	CMC 7-L	LATEX 620 (x[illegible])	LATEX 722 (x3.98)	BORAX H	PROTEIN W	SODIUM NITRATE	EVANOL H	BERSET (x9.09)	LINSIZE 753B
			2		220		15	300			8	
	2400		12		1344		90	1700			—	
800	5600		14		—		30	300	5600		8	
400	500		13		880		60	1200	800		30	
	2800		4	25	880		60	900	4,000	75	30	
	3000		12	157	1245	286	86	1700	2400	375	43	
	10500		2		220		15	300	16000		7	
	4000		6		660		45	900	6400		22	
			10		1100		75	1500			43	
			4		440		30	600			15	
			—		—		—	—			—	
			4		440		30	600			15	
1200	28800		83	182	7429	286	536	10000	35200	450	221	
			x10=830		x4.33=32168	x3.98=1138					x9.09=2009	
✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	

SA 066076

Scriptset 720	FC807	NOPCOCIDE 1218	GYCERLINE	ATLAS 239	Formula 2036
x2.27	x8.64				
136	40				
119	35	2	18	54	
		4	9	27	
					25
255	75	6	27	81	25
x2.27=579	x8.64=648				
✓	✓	✓	✓	✓	

Have to ok?

SA 066077

MILL C
FEBRUARY 1981

Chemicals Used in Peaters

DATE	ALUM	SIZE x.25	CLAY #	ANSILEX	SOM TIO2	DUPONT	AX	WBD	CYCLOFIL	ALPHASIZE	TIO2 FILE
1-26	210	1990	4600	3800		4140					2400
27	245	2070	4400	3950		6795					
28	158	2055	2300	3235		6033					
29	105	1960	2700	3450	4200	1215					
30	245	2675	3750	2850	4350						
31	245	2595	4750	2925	4550						
2-1	245	2520	3900	4700	8350						
2	298	4100	4750	4150	2400	4940					
3	271	3663	2775	1550	—	2790					
4	175	6150	2800	750	—	2205					
5	245	5330	1500	1050	—	2405					
6	280	2880	5600	1850	4100						
7	280	2660	3900	5600	4200						
8	315	2210	3500	5700	4450						
9	315	2765	3550	4825	7475						
10	175	2000	3000	3750	6900						
11	385	2840	3000	6100	7900						
12	175	1070	900	2450	2950						
13	315	2190	1950	6000	6400						
14	315	3830	3025	4750	5075						
15	245	4900	700	1750	2100						
16	—	3338	—	—	—						
17	280	1200	800	400	2600						
18	303	3415	550	275	1975						
19	280	3020	4000	5150	3600						
20	280	1628	2978	6188	4950						
21	280	1020	—	—	—						
22	280	960	—	—	—						
	6945	17034	75678	87198	89025	30523					2400
		x.25 = 19259									
		.31 23,881									

	TOTAL
2400	17140
	17460
	13781
	13630
	13870
	15065
	19715
	20638
	11049
	12080
	10530
	14710
	16640
	16175
	18930
	15825
	20225
	7545
	17355
	16995
	9695
	3338
	5280
	6518
	16050
	16024
	1300
	1240
00	368803

SA 066079

MACHINE HRTY
MILL D
FEBRUARY 1981

Chemicals Used in Coates

DATE	ALUM	SIZE #3	CLAY #	ASTICEX	SOAP 7102	Dupont	LWA	WBD	NASCO 680 (ALPHAMINE)	TiO2 PURE	CAMIL WITE
1-26	2270	9680	9060	6700			10620		271		
27	1550	7360	6860	5550			8815		198		2850
28	2040	7200	6400	2150			2700		153		3300
29	2485	9590	5280	8525	11600		405		219		
30	2830	8320	9130	10400	11125				312		
31	2705	8780	13050	9525	9275				370		
2-1	3060	7690	12350	6050	6650				353		
2	3090	8820	11670	4650	3850		1440		309		
3	3330	10380	14,220	7000	11250				333		
4	2715	7890	14,350	10350	6475				275		
5	2910	7380	11,650	6400	7600		1800		291		
6	3120	9140	5300	8350	12050				312		
7	2,880	8290	5000	6,000	9300				288		
8	2,550	8620	5500	7,050	10,450				255		
9	2,400	7830	8710	5,650	8,900				240		
10	1860	6340	5525	6,175	6,650		315		185		
11	2795	10760	4650	7550	5,400		3915		192		
12	1440	6080	6750	2850	2600		1620		81		
13	2470	10380	6300	4150	5850		765		156		
14	2850	13800	2970	5600	7250				159		
15	2595	9920	3730	4800	6950				144		
16	2610	11020	3550	4550	4450		45		135		
17	2364	8060	9550	2800	5700		675		218		
18	1910	7950	8500	5950	7000		1350		201		
19	2355	7320	9350	5625	8215		—		236		
20	2460	7620	9850	13650	8750		470		246		
21	2690	7630	13800	12800	9250				255		
22	2400	6480	12740	9400	12850				240		
	70684	240330	233995	190200	199440		34435		6627		6150
		1.25=60083									

SA 066080

BROKE AT BLADE CUTTER

TE	TOTAL	DATE	COATED	UNCOATED	TOTAL
	38601				
550	32583				
300	24043				
	38104				
	42017				
	43705				
	36153				
	33829				
	46,513				
	42,055				
	38,031				
	38,272				
	31,758				
	34,425				
	33,730				
	27,050				
	35,262				
	20971				
	30071				
	32629				
	28139				
	26360				
	29367				
	32861				
	33101				
	43046				
	45575				
	44110				
150	982361				

SA 066081

FEBRUARY 1981

Pulp Used in Hydropulpers

DATE	EDDY HW	NEKOOSA SW	ALLIED SW	GRANDE PRAIRIE	PRINCE ALBERT	PULP SW	MARATHON HW	CRESTBROOK	CELGAR	WESTERN HW	ALLIED HW	SOUTH.
1-26			132	-					83	41		
27			144	66		30				12		
28			136	44		10				14		
29			164	65		17				37	16	
30			80	85							24	
31			160	70		27					14	
2-1			188	60		47					12	
2			171	85		46					17	
3			52	175		14					16	
4			—	85		3	195				8	
5			—	60		11	40				12	
6			137	75		44						
7			135	75		45						
8	56		143	50		37						
10	59		122			22						
9	108		155			—						
11	61		183			40						
12	12		44			11						
13	32		156			39						
14	32		104			43			85			
15						39			195			
16						33			175			
17					72	—				36		
18			111		32	10				16		
19			125		72	41				12		
20			105		52	35				35		
21					48					—		
22					36					10		
	X392 360	—	X503 2797	X551 995	X498 312	X500 644	X483 235		X483 538	X464 203	X501 119	
	141120		1406891	598245	15376	322000	113505		291854	98832	57619	

SA 866082

D W	Southwest HW	Kamloops	Harmak	Clo HW	Total	Calcium Carb	Ans	TiO2 Dupont	STARCH
					256				1450
					252				1560
					204				1040
16	14				313	2250	2450	scm 4850	—
24	—	84			273			3400	3210
14	28	24			323			2800	
12					307			2400	
17	13				332			400	
16					257				
8					291				
12	6	150			279				
	54				310				
	60				315				
	14	35			335				
		79			332				
		85			348				
		65			349				
		24			91				
		64			291				
		64			328				
	16	32			282				
					208	calc Chlor			
			210		318	1140	Cyanid 1800		
				72	241				
				43	293				
				26	253				
			215	24	287	cal Chlor 1075			
			195	18	259	995 "Sodium Bicarb - Stain etc			
						1/20 90	150		
19	x524 205	x489 706	x499 620	783					
19	107420	345234	309380	95343					

SA 066083

MACH 784
FEBRUARY 1981

Pulp Used in Hydropulpers

DATE	KAMLOOPS	EDDY H.W.	Allied SW	PRINCE GEO	PRINCE ALBERT	PONTIAC HW	DOMTAR	Superior	CELGAR	SEMI DRYDEN	MARATHON	AC
1-26		55	298			1						
27		8	96		55	18						
28	80		40		11	55						
29	50		—		—	48						
30			—		77	60						
31			153		60	64						
2-1		26	428			26						
2		58	260									
3		64	320									
4		88	280									
5		172	288									
6		86	164		66							
7	24		168		54							
8	18		136		60							
9	36		132		60					12		
10			78		48					27		
11			64		48					3		
12			32		90					12		
13			54		72					8		
14	79		48		27							
15	112	6	28									
16		101	92									
17		212	36									
18		170	60									
19		120	62									
20		44	168				77					
21			172				99					
22			206				105					
	X484 399	X392 1180	X503 3779		X498 668	X54 272	X521 281			X478 62		
	195117	462560	1900837		332664	139838	146401			29636		

SA 866884

THON	ALLIED HW	CARIBOU	PANAMA	SOUTHWEST HW	NEKOOSA	GRANDE PRIARIE	Crestbrook	Western HW	Totals	WT	OLD # of Pipers	# of Pipers	Dry Alum
	42								396	7	11730	–	700
	33				108				318	3	3380	–	300
					126	12			324	4	6600	–	400
					142	132			372	7	11680	–	100
					240	55			432	10	16710	–	1000
					120				397	10	16600	–	100
									480	10	16360	–	900
							30		348	No. Pipers 9	14,470	No. Pipers 5 12,000	1900
									384	10	15,950	6 24,000	1000
									384	9	14,610	–	900
									420	8	12,980	6 24000	2600
				13			55		384	2	3380	4 16,000	1400
				69			45		360	7	11690	5 20,000	2200
				84			50		348	3	5060	5 20,000	1800
		12		46			50		348	6	10,010	5 20,000	600
		27		56			40		276	2	3,380	4 16,000	–
		97		67			33		312	7	11,590	5 20,200	–
	29	70					7		180	2	7300	3 12,000	400
	60	70							264	5	8460	5 20000	600
	98	120							372	7	11660	7 25000	900
	66	100							312	7	11660	6 24000	800
	49	90		16					288	6	10010	5 20000	100
	12							64	324	3	4950	5 20000	300
								88	288	1	1680	5 20000	100
								94	276		–	3 12000	–
	11							48	REQ. 348		1650	12 48000	100
								41	REQ. 312		–	15 60000	156000
								37	REQ. 348		–	12 48000	–
	x501 400	x477 586		x524 351	x501 736	x551 199	x509 310	x464 372	9595				
	200400	279522		183924	368736	109699	157790	172608			239,550	484000	21600

D ARNOLD

MARCH 1981

Mill C Chemicals

DATE	ALUM	CLAY	SIZE	CLINOPTE	STAYZONE 1	STAYZONE 2	TiO_2	Ansilex	Parame/	Alum on TANK	DEFOAMER	CLAY TA.
2-23	100	—	1010								15	
24	100		783								15	
25	50		661								15	
26	50	1400	867								15	
27	150	15840	1776				2900	1400			15	
28	100	3960	1244				4400	1600			15	
3-1	550	19800	2491				6050	5500			15	
2	600	23760	2527				7950	7600		5	15	
3	600	15840	2040				8850	7300		4	15	
4	950	23760	3037				5000	2925		7	15	
5	750	15840	2340	2000			10510	5200		4	15	
6	500	15840	1542				10620	10200		3	15	
7	400	3960	2039	2000			—	—		5	—	
8	600	7920	1931				3600	4000		3	15	
9	500	11880	2606				4520	4700		3	15	
10	400	11880	3977				1980	1200	9140	3	10	
11	550	15840	3530				4725	1700	3000	3	15	
12	525	19800	3170				4735	1700		3	15	
13	575	19800	2540				4450	1750		3	15	
14	700	19800	3321				5735	1600		4	15	
15	550	15840	3940				5970	1600		3	15	
16	700	15840	4642	2000			6975	2500		4	10	
17	600	27720	2820				6700	2450		3	15	
18/19	600/750	31680/19800	2780/2661				6395/5445	2600/3400		3/4	15/15	3600/
20/21	750/550	15840/23760	3654/3791	2000/—			7910/11025	3750/4600	1000/	4/3	15/15	2800/
22/23	800/975	27720/15840	4054/6680	2000/			4050/2900	2200/1550	/21900	4/5	15/15	3100/
24/25	1275/800	19800/15840	6589/6212				2550/3900	1400/1600	26040/25360	7/5	15/15	2200/
26	750	19800	4582				4580	1500	13400	4	15	
27	925	27720	3551				5415	2500		4	15	
28	775	19800	3427	2000			6350	2700		5	15	
29	750	23760	3126				5100	3100		5	15	
	21100	567680	105941 / 3x = 26485	12000			170390	96025	99840	113x220 = 24860 x 5.45 = 135487	500	68

DAMER	CLAY TANK	STAYZONE GA (X100)	CLINTON 677B	KAL CHEM KC 06V (X8.55)	ALPHA SIZE	CYCLO-FIL	DOUGLAS STARCH	CALCIUM CHLORIDE	SODIUM BICARBONATE	PG 280	ELUMOL
15	—							950			
15	—							900			
15	—							750			
15	—							750			
15	1700		3600	200				900			
15	600		3600	150				775			
15	2200	1000	9400	350							
15	2500	9600		200							
15	2400	8600		200							
15	4100	10800		225							
15	1700	6000		175		1300					
15	2100	6000		175					120	475	325
—	—	3600		—							
15	1000	4800		200							
15	1600	8400		125							
10	1000	4800		200							
15	2200	10800		175							
15	2200	7200		225							
15	2200		8400	150							
15	2500		8600	175							
15	2300		9900	275							
10	2400		9700	350							
15	3100	7600	3200	225						1500	
15/15	3600/2100	8400/6000		200/175							
/15	2600/2200	4800/8400		200/200							
/15	3100/2000	7200/4800		250/175							
/15	2200/1900	3600/2400		75/50							
15	2300	6000		100	21						
15	3100	7200		100							
15	3200	6000		175							
15	2900	7200		125							
GAO	68800	161200	54400	5800 X 8.55 47880	21	1300		5025	120	1975	325

SA 066097

OSKAR [illegible]
MARCH 1981

Mill D Chemical

DATE	GLUE	SIZE x.25 x120	C-7	J x100	CUNCO 55 x100	TiO2 x500	CLAY COUNTER	SODIUM ALUMINATE
2-23	98	600			14400	12500		
24	147	360			14400	12500		
25	98	600			9600	12500		
26	98	720			10000	12500		
27	196	120			9800	10000		
28	147	120			11400	10000		
3-1	97	480			12800	16150		1
2	147	360			11200	16200		1
3	147	360			11200	12050		1
4	—	480			6400	12500		2
5	98	480			6400	10350		1
6	49	480			11200	10000		
7	49	480			12800	9000		
8	97	480			9600	8000		
9								
10	195	840			9600	10000		
11	78	600			12800	8500		
12	118	600			8000	9000		
13	394	480			3200	6900		1
14	47	840			4800	9850		2
15	147	720			4800	10200		
16	98	480			6400	14150		2
17	147	720			7700	14850		1
18/19	98/146	720/480			5000/10200	17900/18550		1/2
20/21	98/147	720/—			9600/9600	12500/12500		8
22/23	98/98	—/600			5000/6400	12500/12500		—
24/25	147/98	600/240			14400/12200	12500/12500		—
26	147	480			11200	12500		
27	147	720			6400	11000		1
28	98	120			14400	8500		1
29	195	480			19200	14400		1
	4209	16560 x.25 4140			337800	405550		26

H Vogler
MARCH 1981

Mill E Chemicals

DATE	HT CLAY	CAMIC WITE	CAUSTIC SODA	LATEX 620	TSPP	AMMONIA	BORAX	NOPCO 1407	FORMALDYNE	PROTEIN
Wk of 2-23	37500	169	—	7800	131	273	195	650	325	5200
Wk of 3-2	32500	169	25	7800	91	273	195	650	325	5200
Wk of 3-9	32500	156	25	7200	160	252	180	480	300	4800
Wk of 3-16	35000	169	25	7800	91	273	195	520	325	5200
Wk of 3-23	42500	169	25	7800	191	273	195	585	325	5200
	180000	832	100	38400	664	1344	960	2885	1600	25600
				L50 = 19200		L227 = 9771				

J Vogler
MARCH 1981

Blade Coater Chemicals

DATE	LATEX 673 x3.98	DF-122	DC-111 x8.18	KELGIN	TSPP	CLAY HT X10	AMMONIA x7.27	UVITEX	CAMIL WITE	PG 280	74B PENCORE	STAYS
2-23	260	56	20			2300	49		1700	3000		
24	165	48	12			1662	33		1050	1800		
25	—	36				1407	24		150			
26	—	48				1876	32		200			
27	—	24				938	16		100			
3-2		24		30		938	16		100			
3		48		48		1876	32		200	2400		
4		48		48		1876	32		200			
5		60		60		2345	40		250			
6		36		36		1407	24		150			
7		48		48		1876	32		200			
9	325	32	15	47	24	1975	25	51	100			
10	55	64	4	32	—	2430		37	550	600		
11	434	44	20	54	32	2667	36	68	150			
12	—	36	—	24	5	1407	24		150			
13	217	28	10	31	26	1563	22	34	100			
14	—	36	—	24	15	1407	24		150			
15	—	36	—	24	15	1407	24		150			
16	—	36	—	24	15	1407	24		150			
17	—	36	—	24	15	1407	24		150			
18	—	48	—	32	20	1876	32		200			
19	330	36	16	66	44	1878	28		100			
20-21-22	910	22	44	137	93	2585	33		—			
23	660	28	32	109	74	2349	32		50			
24	—	36	—	8	5	1300	28		1050			
25	681	20	44	54	48	2130	33	102	900	1500		
26	968	26	60	69	64	2925	49	136	1500	2500		
27	734	46	36	52	42	2743	61	68	2100	3300		
28	60	50	4	32	20	1961	37		500	500		
29	—	48		32	20	1876	32		200			
	5799	1184	2693	1145	577	557940	6528	496	12,550	15600		

SA 066090

ENCORE	STAYSIZE 112	CALGON T	NOPCO K x10	CMC 7-L	LATEX 620 x4.33	LATEX 722 x3.98	BORAX	PROTEIN LV	SODIUM NITRATE	ELVANOL	BERSET x9.09	CLINSIZE 753 B
		15	13		880		60	1200			30	
		9	9		660		45	900			23	
			6		660		45	900			23	
			8	18	880		60	1200			30	
			4	24	440		30	600			15	
			4	34	440		30	600			15	
			8		880		60	1200	6400	530	30	400
			8		880		60	1200	6400		30	400
			10		1100		75	1500	5800		38	350
	300		6		660		45	900	2400		22	120
			8		880		60	1200			30	
			4		440		30	600			15	
		3	11		1100		75	1500			38	
			6		660		45	900			23	
	3000		6		660		45	900	4800		22	
	3500		4		440		30	600	5800		15	
	3500		6		660		45	900	5800		23	
	1500		6		660		45	900	2400		23	
			6		660		45	900			23	
			6		660		45	900			23	
			8		880		60	1200			30	
			4		440		30	600			15	
	1400		–		–		–	–	4000		–	1100
			2		220		15	300	4000		8	250
			6	124	660	176	47	900	1900	300	24	190
		9	3		–	93	–	–			–	
		15	5		–		–	–			–	
		20	11		440		30	600			15	
		3	9		880		60	1200			30	
			8		880		60	1200			30	
					18,700							
	13,700	74	1950	200	4.33	1071	1277	25,500	49100	850	5845	18200

x227 SCRIPTSET 220	x864 FC 807	NORCOCIDE 1213	GYCERINE	ATLAY 239	FORMULA 2036
					15
					20

CM Sto
MLLC
MARCH 81 #64

Chemicals Used IN [redacted]

DATE	ALUM	SIZE 8.25	CLAY	ANSILEX	SOM FLOZ	DUPANT	CYCLO PAL	TIO2 PURE	ALPHASTCO	MASONS FIL	Dry Alum
2-23	280	960									
24	280	960									
25	219	950									
26	380	800	1600	400	1400						
27	350	1600	1400	1600	3400						
28	280	1600	800	1600	4400						
3-1	280	2200	3700	4950	6600						
2	315	1960	3400	8050	8550						
3	245	1700	3200	6450	9050						
4	315	2675	5400	3250	5325						
5	245	2340	2700	5400	11075				24	1480	
6	70	1640	2700	5400	4680						
7	245	1930	2200	4460	—	2745					
8	245	1848	2000	4000		3600					
9	210	2260	2700	4700		4520					
10	245	3150	1200	1200	—	1980					
11	245	2450	2550	1700		4725					
12	210	2700	2550	1700		4635					
13	280	2640	2400	1250		4995					
14	245	2850	2400	1600		5265					
15	184	3688	2400	1600		5670					
16	280	4150	4113	2475		6536					
17	333	2320	5300	210		5985			48	1600	250
18	298	1575	4850	1000	1100	4995			3	1700	
19/20	315/280	2090/3018	3000/4275	1600/1975		5445/7263				1600/1650	
21/22	280/280	2916/3960	3600/6100	1800/1000		10440/4050				2400/1200	
23/24	280/245	5700/6350	2600/700	-/1400		2800/950				1550/	
25/26	280/262	5840/3370	800/2200	1600/600	2500/3325	11080			121	1900	
27	280	3240	4400	2300		5415					
28	315	3200	4300	2700		3150					
29	315	2650	3500	4100		5400					
	9311	91124 ~~29581~~ 29178	93038 43 30114	81710	61405	101844			96	14200	250

868893

Item	TOTAL	Blue 2GL	Pontomine Green	Yellow IGX	Black	Dry Orange	Solar Blue	Liquid Green	Red TDL
	1240 ~	279.4	9		—	—	—		
	1240 ~	241.8	9		—	—	—		
	969 ~	230.12	8		—	—	—		
	4480 ~	293.12	10	176g	28	16	—		
	8350 ~	286.8	9	69	13	8	6		
	8680 ~	232.12	8	—	16	5	1405		
	16730 ~			—	130g	—	503	4.12	
	22275 ~				23		530	6.04	
	20645 ~				117g		392g		
	16965 ~				98g		301g	50	2
	23184 ~			5g	93g		421	80	3
	13490				114		312	67	
	11520				97		226	44	
	11693				63		258	40	
	14390				34		346	46	
	7775			10	32	2	79	8	
	12670			57	134	16	4		
	11795			52	136	17			
	12065			49	128	16			
	12360			40	147	16			
	13542			43	152	16			
	17554			295	203	37			
250	16046			42	34	4	306	53	
	15521			1	103	—	352	20	
	14290/18991			4/3	130/60	—	287/423	16/20	/5
	21430/16610			9/32	113/146	—/2	308/40	9/—	5/3
	12930/9645			32/20	93/50	9/12	78/178		
	11020/11758			24/166	64/55	16/18	242/106		
	15835			2	61	8	86	84	
	13665			9	95	9	28	79	
	15665			9	97	5	6	78	
250	456978								

SA 066094

MACHINE 1787Y
MARCH 1981

Chemicals used in [redacted] waters.

DATE	ALUM	SIZE x.25	CLAY #	ANSILEX	EM FLOC	Dyes	[redacted] 16 Pr	T. OZ Bic	CAMIC WIRE	CW	AX
2/23	2910	7280	16220	7500	8350		[redacted]91				
24	3015	7888	9330	16250	11050		201				
25	2325	8000	7150	8675	9625		233			1035	
26	2460	8340	7090	11750	15150		246			2340	
27	2130	5960	4700	8450	15150		219			1080	
28	2310	6060	5750	7600	19650		231			45	
3/1	2580	7140	6000	8850	17550		243				
2	1835	6160	5000	6950	16350		213				
3	2870	8800	10500	9500	7100		165			1305	
4	2815	12490	5250	8100	13500		183			1350	
5	2625	10550	3650	7300	8850		144			1935	
6	2905	11230	5390	10000	9800		189			3255	
7	2180	8620	4525	10050	13700		261			720	
8	1190	7200	5100	4400	9400		372				
9	2180	6700	8270	7450	6750		285				4050
10	2305	7520	7550	7350	7400		233				6600
11	2251	8692	4804	7589	11202		229				6800
12	1800	7980	4250	6300	7800		156				300
13	2420	10440	5575	5050	6000		147				900
14	2345	12070	2620	5650	6200		141			2219	100
15	2300	11940	4620	6450	7900		156			2090	—
16	1690	6900	4200	9250	6880		192			—	7690
17	2150	8140	7950	8950	12750		213			2250	
18	1965	7390	6950	8350	14650		197			2250	
19/20	2100/2150	8700/8360	7500/7200	7500/11000	12500/[illegible]	2169	70/75			255/8525	575
21/22	1860/1960	8460/1060	6940/4445	11400/8800	6615/—		207/242			3150/12105	3300
23/24	2060/2855	14700/3620	5490/2810	8950/1200	—/		279/291			10820/1925	
25/26	2460/1733	5780/9370	10550/9350	10700/16700			264/282			11805/14263	
27/28	1875/2545	6720/6450	6850/13900	8975/9000			220/249			10913/8190	
29	2575	8250	14750	10550			278			14985	
		306270									
		x.3			285692		10,139				
		94,944									

SA 060095

AX	TOTAL	Yellow (02)	Nigrosine (03)	Orange (03)	Black (03)	Blue (03)	Lig. Green (sp)
	43611	27	55	2	338	210	138
	41834	78	73	1	161	355	186
	37043	96	58	22	130	70	303
	47376	28	109	8	13	333	—
	37689	61	75	2	233	162	—
	41046	79	26	6	168	164	15
	42963	65	38	1	27	264	45
	36508	26	3	5	32	452	66
	40240	100	64	—	—	311	582
	43688	44	11	10	30	213	150
	35054	8	—	17	32	191	99
	43269	5	—	20	42	342	204
	40056	205	—	44	125	204	126
	28262	206	—	33	151	81	—
4050	35688	145	—	16	253	249	254
6600	38958	82	99	18	205	449	16
6800	41566	61	—	17	226	352	—
300	28586	27	—	4	57	135	20
900	30532	151	—	22	125	27	86
100	31845	8	22	—	49	28	—
—	35436	22	41	4	90	45	—
7690	36722	119	28	27	105	32	6
	42303	200	41	52	101	40	
	43252	102	64	20	60	20	
3875	43825/44255	127/111	109/92	31/22	128/243	2/—	92/416
30/	42432/38612	143/97	107/83	23/16	132/209	—/20	240/260
	42799/52111	38/19	90/115	5/21	118/168	56/160	160/72
	41259/45698	20/77	—/121	3/28	464/268	441/194	602/348
	35553/39731	43/4	58/12	18/6	409/484	205/207	—
	51388	24	114	16	163	105	—

SA 066096

MACHINE 5&6
MARCH 1981

Pulp Used in Hydropulpers

DATE	EDDY HW	NEKOOSA SW	ALLIED SW	GRANDE PRAIRIE	PRINCE George	BIG SUB	MARATHON	CRESTBROOK	CEDAR	WESTERN HW	MARINTAC
2/23										30	195
24										32	190
25										14	195
26			76							38	200
27			—							22	185
28			—							15	145
3-1			152			13				21	—
2			176			44				34	
3		176								16	
4		152								41	
5		112									
6		188									
7		32	108			17					
8			120			18					
9			152			29					
10	14		56			13			65		
11			64			31			91		
12			93			9			60		
13			86						58		
14			100						50		
15/16			47/88						52/54		
17/18	18/18		102/110			6			96/124		
19/20	15/18		100/108						60/64		
21/22	19/8	160	96/110			6/9			118/77		
23	14	33				11		85	151		
24	3							194	24		
25					90			144			
26		42	35		112			20			
27			92		116						
28			120		64						
29			76	20	76						
	127	855	2510	20	458	206		443	1144	263	1070
	X384 = 18768	X503 = 430065	X503 = 1161930	X558 = 11160	X171 = 21578			X513 = 227,254	X171 = 542256	X464 = 122032	X502 = 537140

AFE

SA

668897

RMAC	ALLIED HW	SOUTHWEST HW	KAMLOOPS	PRINCE ALBERT	Pontiac HW	TOTAL	MAPICO YELLOW	YELLOW BROKE	CALCIUM CHLORIDE
195				60		285	4500	4500	975
190				64		286	4800	4800	900
155				28		197	2100	2100	775
200				—		314	—	—	1000
185				56		263	—	—	925
145				60		220	—	—	775
—				60		246	—	—	—
				68		322	—	—	—
				44		236			
				68	19	280			
			40	10	10	232			
				84	6	278	1800	7.02 9300	ARR 4800 SODIUM H ARB 120
				56	14	227	4200	YELLOW BROKE 9800	
				56	14	208	4200	" 9800	
				55	5	241	3600	10500	
				65		213	3900	" 13000	
				65		251	3900	13000	
				70		232	4200	14800	
			55	15	30	244	4200		
			70			220	4200		
			30/68			179/203	1800		
					24/	240/258	—		
					/36	175/326	—		
	4/					243/264			
						294			
					14	235			
					14	248			
	21				—	230			
	8				10	226			
						184			
	6				27	205			
1020	39		263	984	223	8405			
	1512 =		1491 =	1500 =	1514 =				

MACH 789 -
MARCH 1981

Pulp Used in Hydropulpers

DATE	Kamloops	Eddy HW	A-Softwood	Prince Geo	Prince Albert	Pontiac HW	Domtar	Celgar	Allied HW	Caribou	Southwest HW	Neto
2-23			252				14	3	62			
24			238						82			
25			168						55			
26			174					40	56			
27			216					52	32			
28			212					18	46			
3-1			210					20	42			
2			136					18	68			
3			196						97			
4			64						78			
5			56						74			
6			120					52	96			
7			100					42	42			
8			112					36	74			
9			172					24	48			
10			262					16	22			
11		32	144	30				8				
12		45	100						35			
13		4	116						42			
14		36	72					28	56			
15		28	76		42				4			
16		44	106		66			44	—			
17		36	136		60			40	44			
18			84		42		60	52	27			
19/20			80/64		60/54		63/64	72/68	21/18			
21/22			64/64		54/60		80/8	74/80	18/42	/54		
23/24		40/	136/182		30/			68/32	62/98	72/48		
25/26			324/210					—/20	36/—	—/46		
27/28			250/268							28/		
29	30		128						58			
	30	265	5292	30	468		289	909	1535	248		
	x491 = 14730	x384 = 101760	x503 = 2661876	x471 = 14130	x500 = 234000		x516 = 149124	x474 = 430866	x512 = 785920	x469 = 116312		

[redacted]

SA 066099

Southwest HW	Nekoosa	Grande Prairie	Crestbrook	Western HW	Superior	Eddy SW	Westvaco HW	Totals	# of Pulpers	Total WT.	Type	
		–						331	17	68000	REG	
		40			24			384	22	88000	REG	
		101			28			352	8	32000	"	
		78			12			360	7	28000	"	
		48						348	4	16000	Dyed Red	
		72						348	4	16000	" "	
		80						352	5	20000	" "	
		86						308	5	20000	" "	
		22			81			396	6	24000	" "	
		110			120			372	6	24000	" "	
		120			110			360	4	16000	" "	
					128			396	4	16000	" "	
					168			352	6	24000	" "	
				30	144			396	6	24000	" "	
				44	96			384	6	24000	" "	
				20	64			384	6	24000	" "	
			70	88				372	4	16000	" "	
			80	16				276	5	20000	" "	
			120	24		126		432	2 8	8000 30000	Dyed Red Regular Brn	
			72			108		372	10	40000	"	
			18	31		89		288	8 3	32000 12000	" Dyed Red	
				40		—		300	6	24000	" "	
						—		316	3 3	12000 12000	" Regular	
						—		265	5	20000	Regular	odd
						40/32		32/300	4/7	16000/28000	"/"	2000
						32/28		324/336	5/5	20000/20000(4000)	"/Regular (Red)	500
						–/36		408/396	12/1-5	48000/4000-2000	Red/Reg-Red	–
							56/48	416/324	5/5	20000/20000	Red/Red	12000/16
							58/160	336/428	6/6	24000/24000	Red/"	14000/140
		70	30				48	364	5	20000	"	1200
		827	390	293	995	491	370	12412		→	486000 Reg 472000 Red Dye	71500
		x558 = 461466	x513 = 200070	x464 = 135952	x524 = 510000	x407 = 199827	x310 = 115070					

SA 066188

Clay Roto Dip

DATE	#5 GALS.	#6 GALS	TOTAL
2-23	—	—	—
24	—	—	—
25	—	—	—
26	1346	—	1346
27	—	409	409
28	110	—	110
3-1	283	995	1278
2	715	807	1522
3	283	680	963
4	326	2653	2979
5	528	1988	2516
6	—	1417	1417
7	—	292	292
8	—	276	276
9	—	898	898
10	—	524	524
11	—	1978	1978
12	—	2589	2589
13	—	2270	2270
14	—	2529	2529
15	—	748	748
16	340	1503	1843
17	395	2126	2521
18/19	354/630	2638/1836	2992/2466
20/21	174/511	1072/1231	1246/1742
22/23	683/713	1770/2084	2453/2797
24/25	709/318	2867/1773	3576/2091
26	298	1795	2093
27	491	3288	3779
28	629	1040	1669
29	296	1071	1367
	9815	47167	56982

SA 066181

ED ARNOLD,
APRIL 1981

Mill C Chemicals

DATE	ALUM	CLAY x3960	SIZE x.31	CUNSIZE 7530	STAYZYME x100	STAYZYME 112 x100	TiO_2	ANSILEX	PARAMEL	ALUM ON TANK	DEFOAMER	CL
3-30	900	7	2726				5350	3400		720	15	
31	750	5	2971				6550	3400		980	15	
4-1	700	7	2871				4050	2550		360	15	
2	400	7	1940				9100	4400		540	15	
3	750	5	1929				4725	2250		720	15	
4	400	5	1868				5340	2550		360	15	
5	550	4	1641				4455	2500		540	15	
6	250	—	300				—	—		180	15	
7	200	1	300				—	—		180	15	
8	200	—	—				—	—		180	15	
9	200	—	—				—	—		180	15	
10	750	6	1790				550	—		720	10	
11	625	4	1850				2450	100		720	15	
12	725	3	2302				2700	—		720	15	
13	725	4	1634				1950			720	15	
14	550	5	1974				4000	1500		540	15	
15	700	5	1985				6000	600		720	15	
16	650	4	1752				2600	—		720	15	
17	900	5	1985				2550	—		720	15	
18	1250	6	1601				2440	—		720	15	
19	550	4	1601				2550	—		540	15	
20	600	7	3711				4650	1250		540	15	
21	700	7	3811				4900	1200		720	15	
22	600	5	3806				4575	1350		540	15	
23	950	4	4582				2120	800	30000	180	15	
24	750	4	6084				2700	400	40200	—	15	
25	350	3	6258				2400	400	21500	360	15	
26	550	9	3468				3050	450	1000	540	15	
	16725	126	66710								415	
	x5.45	x3960 =	x.31 =				97775	28800	92700	14580	741	
		498960	20680						7416		3283	

SA 066182

DAMER	CLAY TANK	STAYZYME GA (x100)	CLINTON 6778	KAL CHEM KC 064 (x8.55)	ALPHA-SIZE	CECO-FIL	DOUGLAS STARCH	CALCIUM CHLORINE	SODIUM BI-CARBONATE	PG-280	ELWANOL
15	3000	6000		150							
15	2800	6000		100							
15	3600	8000	4200	150							
15	3300		9800	150	20						
15	2500		8400	150	35						
15	1900		8600	100	30						
15	1800		5200	100	30						
15	100		—	—	38			1025			
15	—		—	100	25			875			
15	400		—	50	35			950			
15	—		1900	200	35			900			
10	3900		9900	300	30						
15	1600		3600	300	35						
15	1200		6000	250	30						
15	1800		3600	100	35						
15	2300		4800	100	25						
15	2400		4800	100	30						
15	2400		3600	100	35						
15	2300		3800	100	30						
15	2600		3600	100	35						
15	2400		3600	75	33						
15	2900		7200	225							
15	3200		7400	50							
15	2000		6000	50							
15	1800		3600	75							
15	1900		3600	50							
15	1600		2400	75							
15	4000	4800	6000	100							
415	59600	24800	121000	3450	566			3750			
				x 8.55							
				29498							

SA 066183

OSKAR DIKERTS

Mill D Chemicals

APRIL 1981

DATE	GLUE	SIZE x.31	C-7	J x100	CLINCO 55 x100	TiO_2 x50	CLAY COUNTER	SODIUM ALUMINATE
3-30	294	360			12800	12000		1
31	196	360			8000	8650		1
4-1	147	240			8000	8700		1
2	197	600			8000	7750		1
3	147	360			9600	10000		
4	98	360			14400	9500		
5	49	360			8000	10000		
6	49	360			8000	9000		
7	293	360			8000	10000		
8	147	840			4800	9000		
9	98	360			6400	10000		
10	637	240			6400	3200		
11	147	600			9600	4550		1
12	98	—			14400	11250		1
13	146	600			11200	19200		2
14	98	600			12800	10800		1
15	98	600			6400	7100		2
16	147	600			12800	2250		2
17	98	480			9600	12500		
18	98	360			6400	12500		
19	98	360			6400	12500		
20	96	360			6400	12500		
21	100	360			6400	12500		
22	98	480			11200	12500		
23	147	120			9600	12500		
24	146	480			9600	7000		1
25	98	240			4800	8450		1
26	98	240			6400	13700		1
	4162	11280			246400	279600		16
		x.31 = 3497						

H. L
Ap
DA
Wk of
Wk of
Wk of

H. Volger
April 1981

Mill E Chemicals

DATE	HT CLAY	CAMIC WITE	CAUSTIC SODA	LATEX 620 x.50	TSPP	AMMONIA ~~x2.27~~ 6.82	BORAX	NOPCO 1407	FORMALDYNE	PROTEIN
Wk of 3/30 + 4/3	62500	325	100	15000	175	525	375	1000	625	10000
Wk of 4/13	25000	119	25	5400	111	189	135	450	225	3600
Wk of 20	32500	169	50	7800	91	273	195	650	325	5200
	120,000	613	175	28200		987				
				14100	377	6731	705	2100	1175	18800

SA 066105

H. Vogler

APRIL 1981 X3.98

Blade Coater Chemicals

DATE	LATEX 623	DF-122	DC-111 x8.18	KELGIN	TSPP	CLAY HT x10	AMMONIA 6.82	UVITEX	CAMIL WITE	PG 280	74B PENCORE	STAY
3-30		36		16	10	1353	26		600			
31		24		16	10	938	—		100			
4-1	434	40	20	54	47	2657	36	68	150			
2	334	20	20	36	32	1665	22	68	500			
3		24		16	10	938	16		100			
6		72		48	30	2814	48		300			
7		48		15	20	1876	32		200			
8	334	32	20	52	32	2188	28	68	100			
9	68	28	5	24	8	1251	19	17	100			
10	434	44	20	54	32	2657	36	68	150			
13	167	4	10	15	16	625	6	34	—			
14	334	32	20	52	32	2188	28	68	100			
15	—	24	—	16	10	938	16		100			
16	—	24	—	16	10	938	16		100			
17	668	40	40	88	74	3438	40	136	100			G1
20	108	32	5	17	85	782	29	17	13200	300	1200	
21	—	24	—	16	10	938	16		100			
22	—	36	—	24	15	1407	24		150			
23	—	36	—	24	15	1407	24		150			
24	167	28	10	34	26	1573	22	34	100			
	3048											
	X3.98=12131	648	170	633	524	31971	484	578	16900	300	1200	
	✓	✓	X8.18=1391 ✓	✓	✓	X10=315710	~~X7.27=3514~~ X6.82=3301	✓	✓	✓	✓	
	Scripset 720	FC807	Dt105239			✓	✓					
4-20	153	45	81									

SA 066106

ORE	STABIZE 112	CALGON T	NOPCO K (x10)	CMC 7L	LATEX 620 (x4.33)	LATEX 722 (x3.98)	BORAX	PROTEIN LV	SODIUM NITRATE	ELVANOL	BERSET (x 9.09)	CLINSIZE 753-B
			6	12	660	88	46	900			23	
			4		440		60	600	4000		15	2500
			6		660		45	900	3200		23	2500
			2	87	220	88	16	300	2400	225	8	2400
			4		440		30	600			15	
			12		1320		90	1800			45	
			8		880		60	1200	4000		30	2500
			4		440		30	600	6400		15	4000
			4		—		30	600	4800		15	3000
			6	125	440		45	900	4000	375	22	4000
			—		—		—	—			—	
			4		440		30	600			15	
			4		440		30	600			15	
			4		440		30	600			15	
	Glycerine	Nopco 120	4		440		30	600			15	
1200	30	3	17		220		15	300			8	2700
			4		440		30	600	5800		15	3500
			6		660		45	900	900		23	500
			6		660		45	900			23	
			4		440		30	600			15	
									35200	600	355	27600
380	30	3	109		9680	176	737	14100	✓	✓	✓	✓
✓	✓	✓	x10 = 1090	224	x4.33 = 4840	x3.98 = 700	✓	✓				
			✓	✓	✓	✓						

1.

SA 066187

Mach 5+6
Mill C
April 81

Chemicals Used in Beaters

DATE	ALUM	SIZE x.31	CLAY	ANSILEX	Sem TiO2	Dupont	Cyclo-Fil	TiO2 Pure	Alphasize	Hi Brite Fill	Dry Alum
3-30	315	2830	2700	3400		5250					
31	280	2690	2350	3500		6375					
4-1	315	2870	2600	4350		8900					
2	70	2500	2500	4100		8850			15		
3	245	1140	1500	2250		4725			35		
4	210	1700	1700	2550		5265			30		
5	210	1650	1650	2475		4455			30		
6	262	—	—	—		—			37		
7	145	—	—	—		—			25		
8	175	—	—	—		—			35		
9	175	—	—	—		—			35		
10	150	1335	2900	—	450	—			30		
11	175	1700	200	100	2450				35		
12	150	1800	—	—	2700				30		
13	175	1700	—	—	1900				35		
14	125	1930	1500	1500	4300				25		
15	150	1680	2400	600	6000				30		
16	175	1370	400	—	2350	—			35		
17	150	1700	—	—	2550	—			30		
18	175	1600	—	—	1950	540			35		
19	163	1700	—	—	2550				33		
20	245	2940	700	1250	3400				—		
21	385	4000	1100	1200	2350	2550			—		
22	230	3010	300	1350	—	4575					
23	175	4040	—	800				3120			
24	225	5800	—	400				2700			
25	200	5800	—	400				2400			
26	225	2880	4800	450				3050			
	5675	60365 x.31 = 18713	29300	30675	32950	51485	—	11270	560		

TOTAL	Yellow	Black	Orange	Lig Green	Pontamine Green	Intralite Blue 2GL	Sulo Blue
14495	25	124	4	90			
15195	52	145	11	41			
19035	89	205	21	—			
18035	99	211	25				
9895	68	150	15				
11455	68	170	17				
10470	66	165	17				
299					140	2636	
170					10	3934	
210					11	4251	
210					12	4355	
4865	—	2	—	63	—	—	155
4660		38		121			70
4680		59		121			21
5810		99		119			1
9380		42		54			286
10860	—	24		37			341
4330	10	81		97			52
4430	16	116		119			
4300	8	113		112			
4446	18	99		119			
8535	83	159	10	37	—	—	
11585	148	127	21	—			
9465	84	169	12	21			3
8135	7	63	5	49			67
9125	2	55	6	—			177
8800	8	64	4	—			199
11405	24	104	4	32			173
222280	875	2584	177	1232	173	15176	1585
	16 = 55 lbs	162 lbs	11 lbs	77 lbs	11 lbs	949 lbs	99 lbs

March 1989
APRIL 1981

Chemicals Used in Beaters

DATE	ALUM	SIZE	CLAY	ANSILEX	TiO2	Dupont	Nalco 680	TiO2 Pure	TiO2 Unitane	Ceramil White	UW	AX
3-30	1980	6470	14000	5850			219				6995	
31	1825	7520	9700	5050			215				—	9125
4-1	1700	10820	3200	5950			222					8650
2	1990	15300	8250	5250			234					6200
3	2350	7450	3900	3500			267				4400	2550
4	2560	8160	14050	5200			276				8190	1550
5	1680	7900	11550	5800			270				10215	—
6	2530	8240	13160	2850			273				5220	350
7	2090	7600	6500	5325	2700		236				7285	4250
8	2355	10380	9010	3700	1800		285				2700	200
9	2190	10180	8500	1800	—		276				2655	—
10	2495	15000	12130	3650	2400		246				1440	1950
11	2100	6600	13950	1700	1800		236				1755	900
12	2570	6360	17250	6600	10100		291				—	900
13	2180	7100	8520	5050	3700		243					9000
14	2405	9280	9695	6625	375		298					13100
15	2825	8970	14730	3150	—		320					6075
16	2775	7660	14720	2800	2125		348					—
17	2040	7830	8910	3450	4500		353				2598	2350
18	2105	7820	8810	2900	6550		330					3400
19	1755	7880	8190	2350	5400		324	2000				1200
20	1500	6365	10015	1725	7100		299				900	550
21	1845	9100	6270	2850	—		306				6480	1400
22	1920	8900	7490	5050			345				7425	3400
23	2205	7150	8805	8900			339				6705	3250
24	1980	6720	6240	5400			351				5985	1750
25	1665	7030	6190	5150			306				6165	2200
26	1740	6940	4230	7400			249				9000	4900
	59355	237515	264015	124325	48600		7967	2000			96123	90300
		x .31 = 73648										

SA 866110

X	Aluminum Carbonate	TOTAL	Yellow	Nigrosine	Orange	Black	Blue	Lg Greene sp
		35514	21	—	4	197	93	—
125		32935	70	—	—	85	60	42
650		30542	30	3	3	157	120	28
200		38224	12	39	8	92	104	42
550		24417	88	61	4	54	12	44
550		39986	57	14	6	87	334	728
—		37415	56	65	5	65	348	871
350		32623	48	105	8	119	342	533
250		35996	—	119	7	237	249	96
200		29930	348	—	83	260	125	—
—		25601	500	—	59	146	46	42
750		39311	380	32	36	197	192	48
100		29051	372	—	77	191	380	192
900		44271	482	—	81	144	624	238
600		36393	407	46	60	197	136	307
3100		41758	387	—	92	399	227	96
075		36070	650	28	106	199	375	222
—		30678	336	32	71	123	383	732
350		32031	371	—	67	323	132	144
3400		31915	358	—	68	306	103	12
1200		29099	393	—	78	203	104	—
550	4350	28864	378	—	75	214	125	15
1400		28851	186	—	43	219	228	32
3400		34530	380	—	95	374	193	14
3250		36974	379	—	81	273	671	190
1750		28426	390	—	89	223	267	24
2200		28696	324	—	78	230	128	—
4900		34509	250	—	46	271	99	—
300	4350	934610	7573/473	544/34 lbs	1430/89 lbs	5585/349 lbs	6250/391 lbs	4692 sp

5A 066111

MACHINE 5+6
APRIL 1981

Pulp Used in Hydropulpers

DATE	EDDY HW	EDDY SW	NEKOOSASW	Allied SW	Grande Prairie	Prince George	Pulp Sub	Crestbrook	Celgar	Western HW	HARMAC
3-30				104	72	9					
31				104	64						
4-1				81	32						
2				84	—						
3				101							
4				118							
5				96							
6				14							205
7				—							175
8				—							190
9				—							180
10				100							
11				116							
12				124							
13				124							
14				161			4				
15				168							
16				108							
17				128							
18				103							
19				113							
20				106 x498							
21				112							
22	32			96							
23	25			28					92		
24	20			—					224		
25	40			—					100		
26	18			180			6				
	135			2469	168	9	10	—	416	—	750
	407			495	550	472	1000		478		199
	55215			1229,562	92400	4248	10,000		158,848		374,250
	57260			1234 367	92666				[illegible]		

SA 066112

	Allied HW	Kamloops	Prince Albert	Pontiac HW	Domtar SW	Westvaco HW	Bridge	Kraft, BK Swift	TOTAL		
	26				17		14600	126400	228		
	—				42		13200	121800	210		
	—				86		15400	140600	199		
	—				104		15800	134200	188		
	22				71		12000	113000	194	8200	
	—				75		11200	120800	193	3000	
	—				72		11400	120600	168	7200	
05	5				37		11200	145300	261	7200	1025
75	15				35		20800	130200	225	6000	175
190	18				57		19200	142000	265	9000	950
180	14				56		20000	159000	250	8400	900
	42				48		6600	128150	190	7200	
	39				52		6400	130600	207	7800	
	42				44		7200	130800	210	6600	
	33				48		6800	130200	205	7200	
	27				56		10600	137400	248	8400	
	29				48	25	16900	164300	270	7200	
	12				48	33	8400	128600	201	7200	
	—			13	52	32	6800	125200	225	7800	
	—			12	48	39	6400	124600	202	7200	
	—			8	30	49	6800	127700	200	4500	
					64	64	9900	121,100	234	—	
		84				77	12700	150300	273	—	
		72				25	7500	122500	225		
		72				—	16200	146800	217		
		12				—	11100	181100	256		
		72	56			—	11300	175600	268		
			72			8	8600	189400	284		
750	324	312	128	33	1190	352			6296	~~120100~~ 54045	3750
199	500	491	495	506	504	311					
250	162000	153192	63360	16698	599,760	109422	326000				

SA 066113

MACHINE 189 — Pulp Used in Hydro pulpers

APRIL 1981

DATE	KAMLOOPS 491	EDM HW 409	Atlin SW 495	Albert SW 528	Prince Al 496	Prince HW 506	Dawson 504	Celgar 478	Atlin HW 590	Cariboo 478	Grande Prairie 550	CRS
3-30	—		212			—			48		100	
31	—		152		102	—		12	52			
4-1	—		100		44	—		32	45	48		
2	20		88		1	—		32	75	18		
3	55	115	178			—			18			
4	96	124	224			—						
5	20	28	216			106	—					
6			202			160	56					
7			174				113					
8			224				144					
9			182				120					
10			174				80					
11			208									
12		—	256							36		
13		48	8							60		
14		86	—							24		
15		95	40									
16			—	Albert								
17			51	75					—			
18			202						96			
19			176						103			
20			338						154			
21			173						44			
22			233						—			
23			239	Prince					—			
24			243	Geo					83			
25			178						104			
26			122	10		71			16			
	191	496	4593 X 498	75 Alb 70 Pg	146	337	513	76	838	186	100	
	93,781	202,864	2,287,314	attach 39600 p bunge 93040	72270	170522	258552	36328	419000	88908	55100	

SA 066114

	509 Crestbrook	471 Western HW	515 Panama HW	388 Eddy SW	515 Wy Vaco Hwy	483 Marathon	514 Nekoosa SW	TOTALS	# of Pulpers	Total Wt	Regular/Dyed Red	
100	—							360	1	4000	Reg	
									3	12000	Dyed Red	~~[illegible]~~
	18							336	5	20000	" "	
	—			55				324	5	20000	" "	
									1	4000	Regular	
	30			121				384	5	20000	Dyed Red	
				66				432	6	21000	" "	14000
				—				444	5	20000	" "	5000
									1	4000	Regular	
				74				444	7	28000	Dyed Red	10000
		12		14				444	5	20000	"	—
		133						420	3	12000	"	1650
		76						444	—	Nothing	Reporting	—
		70						372	—	"	"	
	100	126						480	—	"	"	
	6	106				4		324	—	"	"	
		128						420	11	44000	Regular	—
		32					188	336	1	4000	Regular	
									3	12000	Red	
	27	—				42	245	424	4	16000	Red	
									4	16000	Regular	
	63	86					194	478	5	20000	Red	
									4	16000	Regular	
		27	148				281	456	1	4000	Regular	
									5	20000	Red	24000
		113				90	67	396	5	20000	Red	24000
		17				81		396	5	20000	Red	20000
		—				81		360	1	4000	Regular	
									4	16000	Red	20000
		—			Southwest HW			492	5	20000	Red	
									1	4000	Regular	
		57		120	2			396	4	16000	Regular	
				58	129			420	4	16000	Red	
									3	12000	Red	
				—	133			372	6	24000	Regular	
									3	12000	Red	
				36	34			396	2	8000	Regular	
									4	16000	Red	
				90				372	5	20000	Red	
									1	4000	Regular	
				81				360	3	12000	Red	
100	244	983	148	715	298	298	975	11282				
										168000	Regular	
[illegible]	124196	462993	76220	277420	153470	143934	501150			412000	Red Dyed	121650

SA 066115

March 1 + 8 r. 1
APRIL 1981

	BROKE	W. S.	HARDWOOD	TOTAL
3-30	39600	23400	150525	213525
31	38025	23175	147937	209137
4-1	34650	34650	147150	216450
2	62550	23175	171900	257625
3	56700	26100	176175	258975
4	52875	26100	190125	269100
5	46800	31050	185400	263250
6	48375	31950	192825	273150
7	49163	11025	169650	229838
8	107550	6250	163575	277875
9	110025	-	156150	266175
10	122400	-	193500	315900
11	83475	-	150525	234000
12	35775	52875	190575	279225
13	45225	24025	167175	236425
14	58613	21038	189113	268764
15	70988	36113	204413	311514
16	79875	36450	196200	312525
17	53550	18675	174938	247163
18	52200	13950	164925	231075
19	35550	22950	160875	219375
20	31275	21038	227025	279338
21	46350	27900	168525	242775
22	59400	30150	179550	269100
23	57938	29250	174600	261788
24	49725	22050	171000	242775
25	42750	19125	145800	207675
26	37350	14625	152775	204750

[redacted]

ED ANNUAL

MAY 1981

DATE	ALUM	CLAY x3960	SIZE x.31	CLINSIZE 7530	STAYZMG GA	STAYSIZE 112	TiO_2	Avgilex	Defoamer	Kal Chem 64	Sodium Aluminate
4-27	750	9	2995	—	10800		3000	50	15	150	
28	550	7	3106		7300		5500	—	15	125	
29	550	6	2529		6000		5620	350	15	125	
30	550	6	2960		6000		6150	950	15	150	
5-1	575	5	2724		7000		7350	1150	15	100	
2	575	6	3081		4800		7350	1050	15	150	
3	500	6	2832		6000		8650	1200	15	150	
4	575	7	2981		6000		8200	1300	15	100	
5	550	6	3500		8200		9200	1700	15	150	
6	375	3	2261		2400		6410	800	15	50	
7	800	3	2561		3800	2200	3850	1100	15	50	
8	700	8	3455		7000		2745	300	15	100	
9	900	7	3514		8600		4600	—	15	75	
10	550	9	2682		2800		2500	—	15	150	
11	550	8	3270		4800		3500	200	15	100	
12	475	4	2572		—		3600	800	15	75	
13	525	4	2901		—		2300	750	15	125	
14	500	5	2922		—		2100	700	15	75	
15	750	4	3181		—		2300	750	15	100	
16	825	3	5771		—		—	—	15	75	
17	600	3	6079		—		—	—	15	75	
18	725	4	3211		—		6050	1700	15	100	
19	500	5	2761				2650	400	15	100	
20	450	7	3151				2425	300	15	150	
21	550	4	2101				2850	150	15	100	
22	750	4	3140				3050	—	15	225	
23	700	6	3011				2700	—	15	250	
24	900	8	3964				3250	875	15	105	
	17800	157	89216		93080	2200	117900	16575	420	3280	
		x3960=621720	x.31=27657								

PAR

[redacted]

SA 066117

lium minate	PARAMEL	Alumon Mach	Clay Tank	Douglas Starch	Clinton 622 B	Cal Chlorides
		720	4000			
		540	3100			
		540	2700			
		540	2600			
		540	2200			
		540	2700			
		540	2800			
		540	3100			
		540	3000			
		360	1900			
		900	1300			
		720	3200			
		900	3300			
		540	3900			
		540	4000	1200		
		540	1800	3600		
		540	1900	3600		
		540	2300	3600		
		720	2100	3600		
	16320	720	1400	3600		
	25960	720	1400	3600		
	2000	720	1300	4800		
		540	1900	4800		
		900	2900	4800		
		540	1600	3200	1600	350
		720	1700		6400	
		720	2800		6000	
		900	3400		7300	
	44280	17820	70300	40400	21300	350

Broke	Calcium Chloride	Soda ASH	Mapico Bags	Pasadena	Cal. Carb.	Intra white	Alum	Ansilex	Tita Bags	Talc Bags	Federal	Date
										32		28
33000												1
34000												2
40000											7	3
28000											16	4
27000											25	5
40000											136	6
20[illegible] ✓										32 ✓	184 ✓	W/
41000											67	7
31000											14	8
40000											16	9
											15	10
											14	11
7000											13	12
21000											14	13
[illegible]											153 ✓	W/
12000				20							14	14
				49								15
14000												16
												17
												18
11000 / 8000			66 / 48									19 20
4[illegible] ✓			114 ✓	69 ✓							14 ✓	W/
22000			30									21
12000 / 1200			72 / 72	✓								23
[illegible]			18									25
												27
41[illegible] ✓			192 ✓									W/
7000 / 22000			42 / 30									28
29000												30
			72									3
			374 1010	36570						1600	181 818	

M

SA 066120

MARCH

MILL D

Hydrapulper Report

deral	Date	ASW	AHW	Riverdale	G.P. Pairie	westvaco	Reg. Broke	IV Red	celgar	carriboo	HW Kraft	Terrace Pu
	28	159								42		
	1	162								64		
	2	168								18		
7	3	164		54						48		
16	4	180	4	110						22		
25	5	132		108					24	6		52
36	6	123		107					40			60
54		1088	4	379					64	[illegible]		112
27	7	87		83					40			60
14	8	86		92					36			54
16	9	94	40	96					40	50		60
15	10	126		142					40	30		66
14	11	112		94					44			66
13	12	166							8			50
14	13	154										22
		825	40	[illegible]					[illegible]	[illegible]		[illegible]
14	14	177										59
	15	246				10				23		20
	16	150										92
	17	171										121
	18	198		92								56
	19 20	196 / 142		148		180						36 / 32
14		1280		240		190				[illegible]		410
	21 22	134 / 193		60		139 / 177						112 / 31
	23 24	196 / 184		184 / 20								22 / 18
	25 26	118 / 236			42							14 / 20
	27	178	46		20							
		1239	46	264	62	216						217
	28 29	100 / 102	62 / 74		110 / 80							16 / 68
	30 31	99 / 128	66	10 / 102	106 / 70							19 / 36
	1 2	134 / 70	8 / 54	112 / 47	90 / 90							4 / 75
	3	102 / 735	102 / 366	27 / 298	90 / 636							27 / 245

SA 066121

Date	Starbite	Alum	canidan	Pasadena	Crest brook	Estex	Federal Mu	Eddy	weyerhauser
2-28	165			30					
3-1	164			30					
2	162			48					
3	92			34					
4				32					
5				42					
6				42					
W				258 ✓					
7				30					
8				32					
9				28					
10				16					
11				44			48		
12				30			142		
13				36			160		
W				216 ✓			320 ✓		
14				28			132		
15				16				96	
16				10				108	
17								116	
18								38	
19				28 44					
20 W				126 ✓			122 ✓	358 ✓	
21				20 54					
23				54 52					
25				18 22					
27				20					
W				240 ✓					
28									
30									
1									
3									
	957			840			482	358	

Cartland: 165, 164, 162, 92, 154, 106, 46, 14 ✓

Starbite: 258 ✓

Pasadena: 216 ✓, 126 ✓, 240 ✓

Federal Mu: 320 ✓, 122 ✓

Eddy: 358 ✓

1/S: 1000, 1000, 1000, 1000, 1000, 1000, 1000, 2000, 1000, 3000, 2000, 1000 (missed), 1000, 7000

Date: 2-28, 3-1, 2, 3, 4, 5, 6, W, 7, 8, 9, 10, 11, 12, 13, W, 14, 15, 16, 17, 18, 19, 20, W, 21, 23, 25, 27, W, 28, 30, 1, 3

SA 066122

[redacted]

MARCH COLORS

M-11 C

Date	Solar Blue	Black	Blue	Red	orange	yellow	Intra Blue	Pontamine Green	Marico
2-28		139		5	26	68			
3-1	308	67		13	2	9			
2	241	52		19					
3	447	130		18		11			
4	175	191		13		14			
5	219	200		9		5			
6	251	102		36		31			
W 7	1641 ✓	881 ✓		113 ✓	28 ✓	138 ✓			
7	198	92	12	22		20			
8	231	79		19		19			
9	114	68		15		20			
10	19	115		11		14			
11	31	101		11		12			
12	44	95		9		6			
13	37	74		9		6			
W	674 ✓	624 ✓	12 ✓	76 ✓		77 ✓			
14	80	91		9		6			
15	56	100		9		6			
16	190	110		8		5			
17	258	115		8					
18	191	131		6					
19	246 66	98 27			3	20			
W 7	1087 ✓	672 ✓		40 ✓	3 ✓	37 ✓			
21	201	42							
22	298	68							
23									
24	208 69	44 27							
25									
26	218 299	32 42							
27	155	49							
W 7	1448	304							
28									
29	55 121	40 48							
30									
31	303 390	68 92			5 37	190 303			
1	533 496	41 87							
2									
3 W 7	2869471	172 548			42	493			
	[illegible]	[illegible]	12	749	73	[illegible]			

066123 5A

APRIL 1983 Beater Room Report

M112

Date	Blue	Yellow	Solar Blue	Black	orange
4-4	139	163		97	25
5	265			197	12
6	249	90		184	30
7	294	332		226	89
8	185	8		124	11
9	115	51	32	117	11
10	284	19	233	215	24
W/T	1531 ✓	663 ✓	265 ✓	1160 ✓	202 ✓
11	241	142	12	139	53
12	127	155	115	47	20
13	410			12	8
14	295			64	7
15	395	3	77	92	3
16	64	6	107	155	5
17	193	60	55	189	16
W/T	1725 ✓	366 ✓	366 ✓	698 ✓	112 ✓
18	324	228	23	193	55
19	427	297		127	77
20	517	312		124	61
21	462	329		114	44
22	284	909		140	89
23	374	262		161	88
24	141	307	37	123	96
W/T	2529 ✓	2644 ✓	60 ✓	982 ✓	510 ✓
25	160	289		137	76
26	322			164	3
27	336		55	169	15
28	298	3	57	149	15
29	239	6	25	115	17
30	142	25	196	149	7
5-1	410		107	250	8
	1907	323	440	1133	141
	7692	2991 ✓	1131 ✓	2972	965 ✓

866124 SA

MILL C

APRIL Daily Chemical Report

Date	ALUM 345	CLAY 3960	Rosin Size 7.3	Staysize 107	Clinsize 753	Stazyme 64	Talc	Tita	Ansilex	Defoamer 7.91	Kal 64 8.55
4-4-83	596	5	109				325	4350	325	20	25
5	537	9	101		2200		250	4800	800	20	25
6	536	7	116					4900	1900	20	25
7	335	3	160					3200	800	20	100
8	357	6	122					4000	1000	20	100
9	537	6	108					2000	1000	20	100
10	357	6	95					3200	1800	20	75
T	3255 ✓	42 ✓	811 ✓		2200 ✓		575 ✓	26450 ✓	7625 ✓	110	4[illegible] ✓
11	715	6	146				375	4750	1925	20	100
12	418	8	159				75	3725	1050	20	25
13	536	8	146		6400		100	6400	2325	20	75
14	430	6	144				350	7750	2300	20	75
15	536	7	130				375	8200	2450	20	75
16	536	4	129				225	6550	2150	20	75
17	437	3	114		2200			3850	1700	20	75
T	3608 ✓	42 ✓	968 ✓		8600 ✓		1500 ✓	11225 ✓	13900 ✓	140 ✓	500 ✓
18	477	3	113					3800	1400	20	75
19	715	5	119					2550	850	20	100
20	536	5	130					2625	875	20	75
21	700	8	131					1300	650	20	75
22	614	7	134					1300	650	20	75
23	696	7	127							20	75
24	716	8	162							20	75
T	4454 ✓	43 ✓	916 ✓					11575 ✓	4425 ✓	140 ✓	[illegible]0 ✓
25	153	-	54							20	25
26	323	·	57							20	50
27	101	·	58							20	25
28	179	·	43		900					20	25
29	358	4	138		2400		550	3550	1000	20	50
30	774	4	144				1050	7650	2200	20	100
5-1	596	5	139				1350	6900	2250	20	50
T	2484 ✓	13 ✓	633 ✓		3300 ✓		2950 ✓	18100 ✓	5450 ✓	110 ✓	325 ✓
TOTAL	13801	140	2228	—	14100		5025	97350	31400	560	1825

866125 SA

Valco	Cargill Starch	Alum Mach	Clay Tank (10)	I.F. Alum	Calcium Cloride	Soda Ash	Alph Size of (8.72/gal)	703-B Clinton	Dry Clay	Douglas Starch	Cato Starch		Dat
		3	2800							5200	1400		4
		3	3400	1300			90			9100	2000		5
		3	2700							10400			6
	1800	3	6070							3400			7
	5200	2	1900										8
	10400	3	2700										9
	7800	3	2500										10
	25200 ✓	20 ✓	22070 ✓	1300 ✓			90 ✓			28100 ✓	3400 ✓		T
	9100	3	2300								2900		11
	6500	4	3400	1000			58						12
	800	3	3400							4400			13
		3	2500							6500			14
		3	2700							7800			15
		3	1800							7800			16
		3	1100							3900			17
	16400 ✓	22 ✓	17200 ✓	1000 ✓			58 ✓			30400 ✓	2900 ✓		T
		3	1600							6500			18
		4	2200							3900			19
		3	2100							3900			20
		4	3400							7800			21
		4	3100							9100			22
		3	3000							9200			23
		4	3600							2600			24
		2 ✓	19000 ✓							43000 ✓			T
		1			825	825							25
		1			925	925							26
		1			1075	1075							27
		1			825	825				4800			28
		2	1900							5200			29
		4	1700							5200			30
		3	2200							5200			1
		12 ✓	5800 ✓		3650 ✓	3650 ✓				20400 ✓			
	41600	80	64070 ✓	2300	3650 ✓	3650 ✓	148 ✓			121900 ✓	6300 ✓		

SA 066126

MILL D
Daily Chemicals Report

APRIL

Date	Glue	Size Tanks	GA Stayzme	Clinco	Tita	Sodium Nitrate	Salt	J-100	Size Rasin	Douglas	753
4	147	5	192		200					36	
5	186	5	90		210	60					
6	147	5	98		200	30					
7	186	4	144		200						
8	221	1	112		268						
9	147	1	86		127						
10	195	1	182		153						
T	1277 ✓	27 ✓	704 ✓		1358 ✓	90 ✓				36 ✓	
11	171	1	112		219	15					
12	120	2	120		109	60					
13	76	2	80		112						
14	147	2	140		260						
15	147	1	160		260						
16	220	2	128		270						
17	98	1	86		133						
T	979 ✓	11 ✓	826 ✓		1363 ✓	75 ✓					
18	147	1	116		250						
19	221	-	98		260					18	36
20	196	1	110		260					44	
21	98	4	160		270		55				
22	24	3	128		50		30				
23	97	4	160		85						
24	98	3	188		161						
T	881 ✓	16 ✓	960 ✓		1336 ✓		85 ✓			62 ✓	36
25	123	2	64		141					64	
26	122	2	128		171					16	
27	98	2	160		160						
28	198	3	88		154						
29	196	5	160		200						
30	196	6	128		220						
1	147	6	144		200						
	1080	26	872		1246					80	
	4116	75	2562		5303	165	85			178	36

866127 SA

APRIL Blade Coater Chemicals

Date	Clay HT.	Protein	Latex 620	Borax	Berset	Ammonia	TSPP	DF-122	Chloride	Bacote	Latex 4
4	938	600	440	30	15	16	10	24			
5	1407	900	660	45	23	24	15	36			
6	938	600	440	30	15	16	10	24			
7	1407	900	660	45	23	24	15	36			
8	2345	1500	880	75	38	40	25	60			
9											
10											
T	7035 ✓	4500 ✓	3000 ✓	225 ✓	114 ✓	120 ✓	75 ✓	150 ✓			
11	1251	800	440	40	20	22	13	30			
12	497	300	220	15	8	11	5	18	10	9	200
13	1407	900	660	45	23	24	15	36			
14	784	300	220	15	8	8	5	12			
15	—		—								
16	940		817			6	16	3			
17											
T	4879 ✓	2300 ✓	1757 ✓	115 ✓	59 ✓	71 ✓	54 ✓	99 ✓	10 ✓	9 ✓	200
18	1876	600	765	30	15	25	34	30			
19	938	600	440	30	15	16	10	24			
20	821	900	321	36	13	24	5	16			
21	1407	1400	575	58	23	37	32	10			
22	205		59	12		10		3			
23											
24											
T	5247 ✓	3500 ✓	2160 ✓	166 ✓	66 ✓	112 ✓	81 ✓	83 ✓			
25	938	600	440	30	15	16	10	24			
26	717	200	145	10	5	6	3	12			
27											
28	1043	600	440	30	15	16	10	24			
29	938	600	440	30	15	16	10	24			
30											
1											
	3636 ✓	2000	1465	100	50	54	33	84 ✓			
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	799	257	242	[illegible]	10	9	200

866128 SA

Blade

nel white	Nopcosant K	cellulose CMC-7L	Latex 722	DC-111	Kelgin gL	Kelgin HV	calgon T	clinsize 233-B	FC-807	Hydrocarb	Titanium Dioxide		Latex A-10
100		10											
150		15											
100		10											
150		15											
250		25											
[illegible] ✓		75 ✓											
133		13	110					1500					
50		5	148										
150		15											
50	8	13		11						1100	3250		330
	5	8		21		20				1100	2150		330
382 ✓	12 ✓	54 ✓	258 ✓	32 ✓		20 ✓		1500 ✓		22[illegible]0 ✓	5900 ✓		66[illegible]
100		10		15		275							
100		10											
69	1	5											
125	1	10											
11	1												
[illegible]	[illegible]	[illegible] ✓		15 ✓		[illegible]5 ✓							
100	4	10									1500		
50	5	3		12						2150	2150		3
100	2	14		5						1050	1050		1[illegible]
100	10												
[illegible]	[illegible]	27		17						3200	4700		
1888	37	191	258	64		47.5		1500 ✓		5400	106000		115[illegible]

[redacted]

866129 SA

Coater cont

Ta oxide	LATex A-100 HS	LATEX A 4500	Glycerine	LATex 6107	Berbond 23	BERSIZE 239	CAUSTIC SODA	PARACOL	GA STARCH	PG-280	Sodium-Nit	NOPCO
				365							1800	
750	330	880			880			72				
					55	330						
150	330				48	275						
100	660	880		365	983	605		72				
1500					1320			54				
2150	330						1200		650			
1050	165											
1700	195				1320		1200	54	650			
[illegible]	[illegible]	880		365	2302	[illegible]	1200	126	650		1800	

SA 066130

[redacted]

APRIL

MILL C
Hydrapulper Report

Date	Grand Prairie	Westaco	Riverdale	ASW	PS	AHW	Eddy	Celgar	Courtland	Cariboo	Hardwood
4-4				175	20			60	35		
5				94	30	16	57	84	26		
6				103	21	46		55			
7				132		17		60			
8				116	24	24		55			
9				84	38	50		50			
10				123	41	41		40			
T				827 ✓	174 ✓	194 ✓	57 ✓	404 ✓	61 ✓		
11				94	24	95		68			
12				100	34	17	30	83	85		
13				112				56	24		
14				92				84			
15				87				93			
16				96				88			
17				90				78			
T				671 ✓	58 ✓	112 ✓	30 ✓	550 ✓	109 ✓		
18	7			112				65			
19	52			140							
20	51			134	5						
21	55			34	38						
22	60			18	31				84		
23	65										
24	55				48				96		
T	345 ✓			438 ✓	122 ✓			65 ✓	180 ✓		
25	60										
26	55										
27	55										
28	55										
29	45			100							
30	65			120	15		13				
1	79			108			29				
	414			328	15		42				
✓ total	759 ✓			2264 ✓	369 ✓	306 ✓	129 ✓	1019 ✓	350 ✓		

066131 SA

	Broke	Calcium Chloride	Soda ASH	Mapico	Pasadena	Cal. Carb.	Intra White gal.	Alum I.F. 100# Bags	Harmac	Tita Bags 50#	Talc	Champion	Do
4													
5							38	19		38			
6	26000			3300									
7	28500			3600									
8	19500			3300									
9	10000			3000									
10	8000			2400									
T	92000 ✓			15600 ✓			38 ✓	19 ✓		38 ✓			
11													
12							20	10		20			
13	20000											28	
14	15000											28	
15	14500											32	
16	24000			2400								12	
17	27000			3600								4	
T	100500 ✓			6000 ✓			20 ✓	10 ✓		20 ✓		104 ✓	
18	29000			3600									
19	30500			3900								35	
20	26500			3300								10	
21	11000			3300	42							76	
22	12000			3600	78							78	
23	31000			3900	98							14	
24	11000			3300	96							213 ✓	
T	[illegible] ✓			24900 ✓	317 ✓								
25	12000	825	825	3600					165				
26	11000	925	925	3300					185				
27	11000	1075	1075	3300					215				
28	11000	825	825	3300					165				
29	21500			2700									
30													
1	13500												
	[illegible]	[illegible]	[illegible]	16200					[illegible]				
	423500	3650	3650	62700	314		58 ✓	29 ✓	730 ✓	58 ✓		317	

SA 066132

[redacted]

April

MILL D

Hydrapulper Report

Date	ASW	AHW	Riverdale	Williamette	Westvaco	Pasadina	Courtland	Celgar	Carriboo	HW Kraft	Terrace Bay
4	151	188									15
5	145		158								65
6	162		130								20
7	216		144								
8	86	95									52
9	108	45	96								90
10	208	48	130								10
T	1076 ✓	276 ✓	658 ✓								252 ✓
11	124		126								20
12	93	120									45
13	132	139									5
14	164		132								
15	216		188								
16	223		125								
17	238		134								
T	1199 ✓	259 ✓	705 ✓								70
18	230		158				28				
19	202		140								
20	256		164								
21	232		98				74				40
22	219					18	172				35
23	236					22	162				
24	228					54					20
T	1603 ✓		560 ✓			94 ✓	436 ✓				95 ✓
25	182	44		52		20					50
26	186	18		108		22					50
27	194			94		38					12
28	140	13		112		36					35
29	36	118				18					188
30	125		187			38					80
	170		128			28					28
T	1033 ✓	193 ✓	315 ✓	366 ✓		200 ✓					411 ✓
	11909 ✓	828 ✓	2228	2[illegible]		294	436				828 ✓

066133

5A

W/S	IV Red	Starbite	Alum	Canidian	Reg Broke	Crest brook	Extex	Grand Prairie	Eddy				Date
								66					4
								28					5
													6
													7
								73					8
8000								36					9
3000								203 ✓					10
11000 ✓													1
14000								90					11
23000								90					12
5000								60					13
6000								64					14
11300								28					15
4000													16
													17
63300 ✓								332 ✓					1
													18
													19
2000													20
2000													21
4000													22
7000													23
									132				24
									132 ✓				1
2000									36				25
8000													26
													27
													28
													29
								20					30
								30					1
[illegible]								50	36				
99300 ✓								585 ✓	168 ✓				

SA 066134

APRIL COLORS

Mill C

Date	Solar Blue	Black	Blue	Red	orange	yellow	Intra Blue	Pouramina Green
4	337	102						
5	289	112	.54					
6	321	101						
7	4	13				15		
8	145	54				2		
9	257	51						
10	289	69						
T	1642 ✓	502 ✓	54 ✓			17 ✓		
11	327	66			2	143		
12	353	71				32		
13	214	162		12	2	80		
14	209	180		16		64		
15	227	201		22		66		
16	195	184		30		73		
17		66		34		69		
T	1525 ✓	930 ✓		114 ✓	4 ✓	527 ✓		
18	4	63		20		36		
19	12	39						
20	12	57						
21	744	37						
22	158	45						
23	153							
24	156							
T	1239 ✓	241 ✓		20 ✓		36 ✓		
25							3,348.16	.675
26							4,430.72	.8625
27							4,174.7	.825
28							3948	.75
29		30		1		8		
30	13	81		8		14		
1	136	87		8		5		
	149	198		17		21		
	4555 ✓	1871	54	151	4	601	15901.58	3.1125

866135 SA

MAY

Beater Room Report

Date	Blue	Yellow	Solar Blue	Black	orange
5-2	401			145	10
3	289		100	144	5
4	462			158	6
5	544			151	7
6	341	18		130	6
7	101	321	124	138	33
8	94	79	353	96	5
T	2232 ✓	418 ✓	577 ✓	962 ✓	72 ✓
9	255		369	88	4
10	341		71	125	5
11	212		316	213	16
12	240		255	109	4
13	267		115	77	
14	301		72	95	
15	285	46	21	112	
T	1901 ✓	46 ✓	1219 ✓	819 ✓	29 ✓
16	557	13	18	82	
17	292	13	96	108	
18	440	6	27	195	8
19	247	3		140	12
20	458			133	11
21	344	2		121	20
22	332	1		185	24
T	2670 ✓	38 ✓	141 ✓	964 ✓	75 ✓
23	437	195		91	46
24	185	5		25	10
25	226			13	10
26	328				10
27	444	26		38	17
28	172		12	115	9
29	365			84	
T	2157 ✓	226 ✓	12 ✓	366 ✓	102 ✓
T N	[illegible] ✓	[illegible] ✓	[illegible] ✓	[illegible] ✓	[illegible] ✓

066156
SA

MiLL C

MAY Daily Chemical Report

Date	Alum (545)	Clay (3960)	Rosin Size (n.3)	Staysize (112)	Clinsize (753)	Stazyme (Ga)	Talc	Tita	Ansilex	Defoamer (791)	Kal 64 (855)
5-2	358	5	136				750	6700	1950	20	75
3	596	9	141				1575	8400	1725	20	100
4	596	7	140				750	7250	2000	20	75
5	178	9	138				800	1950	2450	20	50
6	894	6	150				1575	6600	2175	20	75
7	477	7	137				1550	4850	850	20	50
8	655	8	136				1075	3800	575	20	50
T	3754 ✓	51 ✓	978 ✓				8075 ✓	31550	11725	140 ✓	475
9	715	11	149				125	825	125	20	75
10	716	9	143				250	2000	375	20	50
11	699	4	153				200	5450	2000	20	25
12	536	3	120				150	8200	3150	20	25
13	756	5	129				275	7050	2075	20	25
14	596	4	127				375	7350	2075	20	300
15	615	5	122				400	7050	1900	20	-
T	4633 ✓	41 ✓	943 ✓				1775	38425	11700	140	[illegible]
16	536	4	109				400	5500	1600	20	-
17	239	3	64				350	3300	750	20	
18	462	5	117				200	6500	1700	20	
19	656	6	146				350	9800	1850	20	
20	300	11	191			3200	750	8500	3200	20	
21	872	6	149			5200	475	4275	1375	20	25
22	577	6	176			7800	825	8225	3025	20	75
T	3612 ✓	41 ✓	952 ✓			16200 ✓	3250 ✓	46600 ✓	13500 ✓	140 ✓	100 ✓
23	537	7	155			7800	1025	5875	1275	20	100
24	596	7	154			7800	450	3675	1125	20	50
25	834	6	174			7800	1150	9825	2350	20	75
26	596	6	160			900	350	4700	950	20	75
27	536	8	144				575	3750	375	20	100
28	596	6	166				1350	4600	800	20	50
29	501	6	165				1025	3550	375	20	75
T	4196 ✓	46 ✓	1118 ✓			24300 ✓	5925 ✓	25975 ✓	7250 ✓	140 ✓	525 ✓
[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

066137 50

10 8.72/gal.

M

Cargill Starch	Alum Mach	Clay Tank	Oato Starch	Calcium Cloride	Soda Ash	Alph Size	Stayco M Starch	Pencote Starch	Douglas Starch	Stadex 60K Starch	Date
	2	2200							6500		5-2
	3	3500							9100		3
	3	3400							9100		4
100	2	2280	200						7700		5
7800	4	2300									6
11700	4	2800									7
13000	3	3400									8
32600 ✓	21 ✓	19880 ✓	200 ✓						32400 ✓		7
9000	4	5200							1400		9
	4	3800	1000						9100		10
	4	1600	800			40	300#	600	5000	200	11
	3	1200							9100		12
	4	2500							6500		13
	3	2100							9100		14
8300	4	2400							800		15
17300 ✓	26 ✓	18800 ✓	1800 ✓			40 ✓	300 ✓	600 ✓	41000 ✓	200 ✓	7
7800	3	2200									16
3900	1	1200									17
7800	3	2500									18
9100	3	2700									19
4600	4	3100									20
	3	2400									21
	3	3300									22
[illegible]	[illegible] ✓	17400 ✓									7
	3	3200									23
	3	3600									24
	4	2800									25
5600	3	2600									26
10400	3	3600									27
10400	3	2800									28
10400	3	3300									29
36800 ✓	22 ✓	21900 ✓									7
119900 ✓	79 ✓	77980 ✓	2000 ✓			40 ✓	300 ✓	600 ✓	73400 ✓	200 ✓	

[redacted]

SA 066138

MAY

MILL D

Daily Chemical Report

Date	Glue	Size Tanks	Stayzme	753	Tita	Sodium Nitrate	Salt	J-100	Size Basin	Douglas
5-2	171	6	96		210					
3	25	6	112		200					1
4	74	5	144		220					
5	73	4	160		200					
6	98	6	177		129	70				
7	49	2	170		195	15				
8	123	2	160		102					
T	613 ✓	31 ✓	1019 ✓		1256 ✓	85 ✓				1 ✓
9	122	4	176		142					
10	74		158		119					
11	98	-	192		264					
12	147	1	200		120					
13	147	1	194		250	60				
14	49	2	184		250	90				
15	220	1	142		250					
T	857 ✓	9 ✓	1246 ✓		13[illegible] ✓	1[illegible] ✓				
16	97	-	128		270	40				
17	49	1	64		270					96
18	98	-	32		260					176
19	98	1			260					114
20	98	4	128		86					32
21	98	3	179		95					
22	98	2	136		242					
T	636 ✓	11 ✓	667 ✓		1483 ✓	40 ✓				418 ✓
23	98	2	128		167					32
24	98	2	132		149	15				
25	49	5	117		120					
26	98	5	148		118	55				
27	74	6	112		200					
28	98	6	112		200					
29	73	6	160		240					
T	588	32	909		1194	70				32
	[illegible]	82	[illegible]		[illegible]	[illegible]				451

066139 SA

MAY Blade Coater Chemical

Date	clay HT.	Procote	latex 120	Borax	Berset	Ammonia	TSPP	DF-122	cloride	Bacote	LATEX
2	938	1600	440	30	15	49	10	24	8	22	250
3	1300	900	660	47	24	29	5	36			
4	260					8		2	28	27	580
5	469	300	220	15	8	8	5	12			
6	938	600	440	30	15	16	10	24			
7											
8											
T	3705	3400	1760	122	62	110	30	98	36	49	830
9	938	600	440	30	15	16	10	24			
10	938	600	440	30	15	16	10	24			
11	938	600	440	30	15	16	10	24			
12	938	600	440	30	15	16	10	24			
13	469	300	220	15	8	8	5	12			
14											
15											
T	4221	2700	1980	135	[illegible]	72	45	108			
16	1407	900	660	45	23	24	15	36			
17	938	600	440	30	15	16	10	24			
18	938	600	440	30	15	16	10	24			
19	469	300	220	15	8	8	5	12			
20	1876	1200	880	60	30	32	20	48			
21											
22											
T	5628	3600	2640	180	91	96	60	144			
23	997	300	220	15	8	8	5	12			
24											
25	469	300	220	15	8	8	5	12			
26	469	300	220	15	8	8	5	12			
27	938	600	440	30	15	26	35	34			
28	938	600	440	30	15	16	10	24			
29	[illegible]										
T	3811	2100	1540	105	54	66	60	94			
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

866140 SA

Blad:

el white	Napcosant	Cellulose CMC-7L	Latex 722	C-104	Latex 6107	Paracol	Caustic Soda	Clinsize 753	FC-807	Hydrocarb	Tita Dioxide	Scripsit
100		135.										
250	4	29	176									
50	1		63		83							
		5	52									
50		10										
250 ✓	[illegible] ✓	179 ✓	291 ✓		83 ✓							
100		10										
00		10										
00		10										
100		10										
50	3	5				54					1200	
✓	[illegible] ✓	45 ✓				[illegible]4					1200	
0		15										
20		10										
0		10										
50		5										
20		20										
[illegible] ✓		[illegible] ✓										
50	8	20		20						3750	3750	
							1400					
50		5										
50		5										
100		10						1500	25			100
100		10										
				[illegible]			1400	[illegible]	[illegible]	[illegible]	[illegible]	10
	[illegible]	[illegible]	[illegible]	[illegible]	83	511	1400	1500	[illegible]	[illegible]	[illegible]	[illegible]

SA 066141

Blade Coater cont.

Fa ide	Scripsfolt	Defoamer UF	GA Stand	Latex A-100	Berbord	Elvanol	261-LV	930 L. Land	Cellosize	PG-280	Sodium-Nit	Berset 39
		6				375				1500	125	
		2						84		100		3
		8				375		84		1600	125	3
0					240							
U					24							
250			527	10½								
	100											
50	100	8	527									
		6	[illegible]	10½	[illegible]	375		84	1600	125		3

066142 SA

MAY

MILL C

Hydrapulper Report

Date	Grand Prairie	Williamette	Riverdale	ASW	PS	AHW	Eddy	Celgar	Hardwood Courtland	Cariboo	Hardwood
5-2	64			98	25	57					
3	48			69	27	119					
4	105			75		118					
5	70			98		90			10		
6	70			78		5			83		
7				150					118		
8			16	180	31				118		
T	[illegible]		16	748	83	359			[illegible]		
9	44		130	120	46						
10	65		94	71	35						
11	110		61	129							
12	89		12	136							
13	112		24	88							
14	95		16	136							
15	98		17	97							
T	[illegible]		354	777	31						
16	57		18	94							
17	47		10	38							
18	103		10	104							
19	100			112							
20	108		16	95							
21	85		3	87							
22	51			169							
T	[illegible]		[illegible]	[illegible]							
23	75	27		136							
24	70	19		95		16					
25	74	4		163		4					
26	56	16	4	130	4						
27	38		48	134	26					26	
28	32		40	136						32	
29	32		46	154	35					32	
T	377 ✓	66 ✓	138 ✓	948 ✓	65 ✓	20 ✓				90 ✓	
	1898	[illegible]	[illegible]	3172 ✓	229 ✓	409 ✓			329 ✓	90 ✓	

066143

/V/

...oke	Calcium Chloride	Soda ASH	Mapico	Pasadena	Cal. Carb.	Canadian Hw	Alum #	Ansilex	Tita Bags (Boop)	Western Kraft	Federal	Date
000												2
												3
7250									105			4
7000							600#		70			5
5000									45			6
2000												7
,000												8
,0250							600		220			T
000												9
												10
000						18	300		12			11
,500												12
000												13
5500												14
,000												15
[illegible]						18	300		12			T
500												16
500					Boop							17
1000					90				24			18
500									72			19
000												20
7500										20		21
4800										3		22
[illegible]					70				96	23		T
0000												23
1000												24
4500												25
2000												26
0000												27
8000												28
7000												29
47500 ✓												T
88550 ✓					90 ✓	18 ✓	900 ✓		328 ✓	23 ✓		

SA 066144

MAY

MILLD
Hydrapulper Report

Date	ASW	AHW	Riverdale	Federal	Westvaco	Pasadina soft	Courtland HW	Courtland SW	Carcriboo	HW Kraft	Terrace Bay
2	124		176			36					96
3	90		144			36					54
4	134	210				58					54
5	144	180				48					24
6	182	194				32					72
7	176	65				24	96				69
8	236	156					40				
T	1086 ✓	805 ✓	320			234	136 ✓				[illegible] ✓
9		48					180	240			
10						28	154	154			
11						90	158	190			6
12	32	36				76	204	90			18
13	128	96				42	36	27	50		
14	164					2			84		
15	264								8		
T	[illegible] ✓	160 ✓				2[illegible]	[illegible]	7[illegible] ✓	14[illegible] ✓		[illegible] ✓
16	194			78			44	52			
17	56	70		132		58		140			
18	74	46		120		44		84			
19	100			154		42					
20	92			92	68	42					
21	120	16		6	148						
22	128				127						
T	764	132		582	343	1[illegible]6	44	276			
23	140		70		72						
24	126	8	92						10		
25	93		76						55		
26	111		140						65		
27	196	90	78								
28	180		112								
29	194		120								
T	1040 ✓	98 ✓	688 ✓		72 ✓				130 ✓		
	[illegible]	1215	1008	582	415	158	912	977	272		293 ✓

066145 SA

M

1/S	III Red	Starbite	ALUM	canadian	Reg Broke	Crestbrook	Estex	Grand Prairie	Eddy	willmite	celgar		Date
00													5-2
000													3
1000													4
000													5
000													6
3000													7
-													8
200													9
5000													10
2000													11
5000													12
1000													13
000										50	27		14
1000										182	48		15
-										172			1
4000										404	75		16
3000										40			17
0000													18
1000								12					19
2000								92					20
1000								70					21
-								70					22
-								50	8				1
18000								294	8	40			23
7000								70	14				24
1000								70					25
								80					26
1000								80					27
								104					28
								80					29
								70					1
9000								554	14				TA.
11400								848	14	444	75		

066146 SA

MAY

COLORS

Mill C

Date	Solar Blue	Black	Blue	Red	orange	yellow	Intra Blue
5-2	479	59		4		8	
3	259	74	19			289	
4	184	11			12	34	
5	150	52			16		
6	540	89			8		
7	558	110					
8	497	140					
T	2667 ✓	535 ✓	19 ✓	4 ✓	36 ✓	331 ✓	
9	204	25					
10	132	17			16	82	
11	76	55		5	25	109	
12	83	105		28			
13	141	126		27		83	
14	198	150		30		79	
15	190	159		30		71	
T	1024 ✓	6[illegible] ✓		120 ✓	41 ✓	421 ✓	
16	191	149		23		45	
17	168	111		11		18	
18	5	97		23		56	
19	7	88		36		63	
20		142		25	5	95	
21	363	158		11	6	63	
22	397	221		15		33	
T	1131	466		144	11	273	
23	290	199		17		20	
24	256	153		14		31	
25	393	194		2	.5	5	
26	248	123		9		13	
27	389	139		4			
28	575	145		4			
29	528	113		4			
T	2679 ✓	1066 ✓		54 ✓	.5 ✓	69 ✓	
[illegible]	[illegible] ✓	[illegible] ✓	19 ✓	[illegible] ✓	[illegible] ✓	1197 ✓	

066147 SA

JUNE

Beater Room Report D

Date	Blue	yellow	Solar Blue	Black	orange
5-30	265	16		106	11
31	224			259	18
6-1	610			133	8
2	783			229	5
3	123	28		78	10
4	112	364		78	51
5	381	39		144	10
T	2498 ✓	447 ✓		1027 ✓	112 ✓
6	706	24		95	3
7	535			93	
8	390	5	75	103	3
9	302	5		161	5
10	516			136	14
11	394			44	
12	327		86	104	
T	3170 ✓	29.5 ✓	161 ✓	736 ✓	22 ✓
13	227	5	45	162	
14	215	12		111	10
15	156	25		96	12
16	137	9		150	8
17	76	5	223	97	7
18	440	10		70	7
19	408	16		110	13
T	1659 ✓	82 ✓	268 ✓	796 ✓	57 ✓
20 21	176	15 6		86 172	21 20
22 23	225 423	5		318 280	48 56
24 25	397 284		49	161 138	41 47
26	75	19	309	176	31
T	1580 ✓	45 ✓	358 ✓	1331 ✓	264 ✓
27 28	30 136	106 100	192 123	202 103	45 60
29 30	319 558	278 53		164 42	51 10
T	1043 ✓	537 ✓	315 ✓	511 ✓	166 ✓
TOTAL	9950	1140.5	1102	11401	625

SA 066148

MILL D

June — Daily Chemical Report

Date	Glue	Size Tanks	Stayzme	753	Tita	Sodium Nitrate	SALT	J-100	Size Rosin	Douglas
5-30	49	6	176		200					
31	24	6	80		220					
6-1	102	6	160		220					
2	97	6	208		200					
3	49	6	140		77	30				
4	98	2	144		153	32				
5	98	2	96		110					
T	517 ✓	24 ✓	1004 ✓		1180 ✓	62 ✓				
6	74	3	152		91					
7	98	1	174		69					
8	98	2	126		103					
9	98		128		143					
10	73		192		250	45				
11	49	2	158		250	45				
12	49	1	160		260					
T	539 ✓	9 ✓	1090 ✓		1166 ✓	1[illegible] ✓				
13	49	1	138		270					
14	49	1	122		270					
15	25	-	112		260					
16	24	1	96		270					
17	25	3	122		100					
18	122	2	140		88					
19	98	2	154		182					
T	392 ✓	10 ✓	784 ✓		1440 ✓					
20 21	147/146	2/3	128/144		239/225					
22 23	245/49	3/2	144/108		331/334					
24 25	172/122	6/7	112/96		209/210					
26	98	6	112		200					
T	777 ✓	29 ✓	844 ✓		1739 ✓					
27 28	49/343	6/6	144/126		220/200					
29 30	195/245	6/6	126/176		240/200					
	832 ✓	24 ✓	572 ✓		860 ✓					
	2259	1[illegible]2	4294		1,285	152				

866149 SA

alco

10 8.72 Ju

Cargill Starch	Alum Mach	Clay Tank	Cato Starch	Calcium Cloride	Soda Ash	Alpha Size	Stayco Starch	Pencote Starch	Douglas Starch	IF Alum Dry	Date
7800	3	2700									5-30
9100	3	3300									31
7800	3	3600									6-1
5200	2	2000									2
5100	4	1500									3
6700	3	900									4
6500	3	1600									5
48200	21	15600									T
6500	3	2100	500								6
5200	3	3200	3000								7
6500	4	2100									8
5200	3	1500									9
6500	4	2000									10
6500	3	1500									11
7800	3	1500									12
44200	2[illegible]	13100	3[illegible]								T
6500	4	1500									13
9100	4	2600									14
6500	3	2300									15
5200	3	2200									16
6500	4	2600									17
9100	4	3800									18
9100	4	3300									19
[illegible]	26	19[illegible]									T
7400 / 8200	5 / 3	3700 / 2300	3200			28					20 2
7100	3 / 3	3300 / 2000	600			40			200 / 7100	125	22 2
	3 / 3	1200 / 1400				70 / 90			7800 / 5200		24 2
	3	2200				85			5200		26
[illegible]	[illegible]	16100	3800						23500	[illegible]	T
	3 / 2	2200 / 4300				70 / 57			6500 / 9100		27 2
	3 / 3	2600 / 2500				41 / 32			6500		29 [illegible]
	11	11[illegible]				200			[illegible]100		
168100	104	75500	7300			513			47600	125	

SA 066150

M.LL C

June 545 — Daily Chemical Report

Date	Alum	Clay (3960)	Rosin Size (7.3)	Staysize (112)	Clinsize (253-B)	Stazyme (Gra)	Talc	Tita	Ansilex (7.91)	Defoamer	Kal. 64 (8.55)
5-30	537	6	167				400	2400	400	20	25
31	536	7	230				375	2250	375	20	75
6-1	656	6	170				375	3600	675	20	50
2	417	4	144				125	1500	375	20	25
3	693	3	172		2200			5250	1500	20	50
4	536	3	130					5250	1500	20	25
5	536	3	123					5600	1600	20	75
T	3911 ✓	32 ✓	1136 ✓		2200 ✓		1275 ✓	2[illegible]850 ✓	6[illegible]125 ✓	140 ✓	32 ✓
6	537	4	137					4700	1500	20	75
7	536	6	104					2800	200	20	25
8	715	4	175					5250	1500	20	75
9	537	3	164		2200			6300	1800	20	50
10	620	4	213					5100	1600	20	75
11	556	3	169					5600	1700	20	50
12	517	3	162					5600	1600	20	50
T	4018 ✓	27 ✓	1124 ✓		2200 ✓			353[illegible] ✓	9[illegible] ✓	140 ✓	4[illegible] ✓
13	715	3	158				150	5400	1350	20	75
14	775	5	207				1175	8050	1175	20	100
15	536	5	183				1150	6900	1150	20	75
16	507	5	150		2200		850	4800	850	20	50
17	715	5	220	1200				6600	1200	20	25
18	715	8	213	1200				7325	1325	20	75
19	715	7	196				900	6950	1400	20	50
T	4678 ✓	38 ✓	1[illegible]37	2[illegible] ✓	2[illegible] ✓		1225 ✓	160[illegible]25 ✓	8[illegible]50 ✓	140 ✓	45[illegible] ✓
20											
21	894 / 666	8 / 6	136 / 96	/	/		100 /	3500 / 2725	1325 / 475	20 / 20	75 / 100
22											
23	570 / 477	7 / 4	143 / 161	/	/		750 / 1375	5925 / 9450	725 / 1375	20 / 20	75 / 75
24											
25	596 / 596	4 / 3	56 / 66				1350 / 1600	6750 / 9350	1450 / 1925	20 / 20	75 / 50
26	536	4	65				1225	6150	1225	20	75
T	4[illegible]35 ✓	36 ✓	[illegible]23				[illegible] ✓	43850 ✓	[illegible] ✓	140 ✓	525 ✓
27											
28	596 / 334	5 / 6	94 / 116				1200 / 1275	4950 / 5800	1200 / 975	20 / 20	50 / 25
29											
30	536 / 656	6 / 5	131 / 136			9200	1225	8125	1650	20	25
T	2122 ✓	22 ✓	477 ✓			9200	3700 ✓	19575 ✓	3825 ✓	60 ✓	100 ✓
	19054	155	4787	2400 ✓	6600	9200	15100	170650	37100	640 ✓	1800

SA 966151

Cargill Starch	Alum Mach.	Clay Tank	Cato Starch	Calcium Cloride	Soda Ash	Alpha Size	Stayco Starch	Pencote Starch	Douglas Starch	IF Alum Dry		Date
7800	3	2700										5-30
9100	3	3300										31
7800	3	3600										6-1
5200	2	2000										2
5100	4	1500										3
6700	3	900										4
6500	3	1600										5
48200	21	15600										T
6500	3	2100	500									6
5200	3	3200	3000									7
6500	4	2100										8
5200	3	1500										9
6500	4	2000										10
6500	3	1500										11
7800	3	1500										12
44200 ✓	23 ✓	13900 ✓	3500 ✓									T
6500	4	1500										13
9100	4	2600										14
6500	3	2300										15
5200	3	2200										16
6500	4	2600										17
9100	4	3800										18
9100	4	3300										19
	26 ✓	18200 ✓										T
8400 / 8200	5 / 3	3700 / 2300	3200			28						20 2
7100	3 / 3	3300 / 2000	600			40			200 / 7100	125		22 2
	3 / 3	1200 / 1400				70 / 90			7800 / 5200			24 2
	3	2200				85			5200			26
	2 ✓	10100 ✓	3800 ✓			[illegible]			25500 ✓	125 ✓		T
	3 / 2	2200 / 4300				70 / 57			6500 / 9100			27 2
	3 / 3	2600 / 2500				41 / 32			6500			29 3
	11 ✓	11600 ✓				200 ✓			22100 ✓			
168100	104 ✓	75500 ✓	7300 ✓			513 ✓			47600 ✓	125 ✓		

[redacted]

SA 066152

MILL D

June

Daily Chemical Report

Date	Glue	Size Tanks	Stayzme	753	Tita	Sodium Nitrate	SALT	J-100	Size Rosin	Douglas
5-30	49	6	176		200					
31	24	6	80		220					
6-1	102	6	160		220					
2	97	6	208		200					
3	49	6	140		77	30				
4	98	2	144		153	32				
5	98	2	96		110					
T	517 ✓	24 ✓	1004 ✓		1180 ✓	62 ✓				
6	74	3	152		91					
7	98	1	174		69					
8	98	2	126		103					
9	98	-	128		143					
10	73	-	192		250	45				
11	49	2	158		250	45				
12	49	1	160		260					
T	539 ✓	9 ✓	1090 ✓		1166 ✓	90 ✓				
13	49	1	138		270					
14	49	1	122		270					
15	25	-	112		260					
16	24	1	96		270					
17	25	3	122		100					
18	122	2	140		88					
19	98	2	154		182					
T	392 ✓	10 ✓	884 ✓		1440 ✓					
20 21	147/146	2/3	128/144		239/225					
22 23	245/49	3/2	144/108		331/334					
24 25	172/122	6/7	112/96		200/210					
26	98	6	112		200					
T	979 ✓	29 ✓	844 ✓		1739 ✓					
27 28	49/343	6/6	144/126		220/200					
29 30	195/245	6/6	126/176		240/200					
	832 ✓	24 ✓	572 ✓		860 ✓					
	3259	106	4294		6385	152				

Alum
Y

066153
SA

June Blade Coater Chemical

Date	Clay HT	Protein	Latex	Borax	Berset	Ammonia	TSPP	DF-122	choline cloride	Bacote 20	Latex 72
5-30	938	600	440	30	15	16	10	24			
31	938	600	440	30	15	16	10	24			
6-1	938	600	440	30	15	16	10	24			
2	469	300	220	15	8	9	19	12			
3	469	300	220	15	16	8	5	12			
4	876	600	440	30	15	16	10	24			
5 T	4628 ✓	3000 ✓	2200 ✓	150 ✓	84 ✓	81 ✓	64 ✓	120 ✓			
6	310	500	85	18	5	15		8	6	6	
7	192	300	51	11	3	10		4	6	5.5	150
8	469	300	220	15	8	8	5	12			
9	1407	900	660	45	23	24	15	36			
10	1407	900	660	45	23	24	15	36			
11	469	300	220	15	8	8	5	12			
12 T	4254 ✓	3200 ✓	1896 ✓	149 ✓	70 ✓	84 ✓	40 ✓	108 ✓	12 ✓	11.5	150 ✓
13	469	300	220	15	8	8	5	12			
14	938	600	440	30	15	16	10	24			
15	1407	900	660	45	23	24	15	36			
16	785	300	220	15	8	8	5	12			
17	—		—	—	—	—	—	—			
18	1876	1200	880	60	30	32	20	48			
19 T	5475 ✓	3300 ✓	2420 ✓	165 ✓	84 ✓	84 ✓	55 ✓	132 ✓			
20 / 21	1407 / 2188	900 / 600	660 / 874	45 / 30	23 / 15	24 / 28	15 / 42	36 / 32			
22 / 23	1733 / 2015	200	659 / 860	10	5	28 / 57	35 / 32	24 / 44			
24 / 25	2725 / 2525		1080 / 1634			68 / 87	48 / 32	52 / 68			
26 T	12-13 ✓	1700 ✓	5167 ✓	85 ✓	43 ✓	292 ✓	204 ✓	256 ✓			
27 / 28	1250 / 1875		434 / 651			12 / 18	16 / 48	8 / 12			
29 / 30	1250 / 1250		434 / 434			12 / 12	32 / 32	8 / 8			
	5625 ✓		1953 ✓			54 ✓	128 ✓	36 ✓			
	22575 ✓	11200 ✓	13636 ✓	549 ✓	281 ✓	575 ✓	491 ✓	652 ✓	12 ✓	11.5 ✓	150 ✓

5A 066154

Blade

	Camel white	Napcosant	Cellulose CMC-7L	Latex 722	C-104	Berbond	Strodex	PG-200	cellusize	Defoamer	Hydrocarb	Tita dioxide	Foamaster
0	100		10										
1	100		10										
1	100		10										
2	7050	8	5		9			600	50				
3	50		55										
4	100		10										
5													
5	7500 ✓	8 ✓	100 ✓		9 ✓			600 ✓	50 ✓				
6		1		15									1 qt
7		1		15									½ qt
8	50		5										
9	150		15										
10	150		15										
11	50		5										
12													
1	400 ✓	2 ✓	40 ✓	20 ✓									1.
13	50		5										
14	100		10										
15	150		15										
16	50	10	18		16	1350	3			2	3200	4550	
17													
18	200		20			10							
19													
1	550 ✓	10 ✓	6[illegible]		1[illegible] ✓	1[illegible] ✓	[illegible] ✓			3	3[illegible]	4[illegible] ✓	
20	150 / 100		15 / 10		/ 20								
21	650 / 2700	2 / 9	3 /		28 / 56								
22	3000 / 4500	10 / 15			70 / 80								
26													
1	11100 ✓	36 ✓	[illegible] ✓		254 ✓								
27					20 / 30								
28					20 / 80								
30					90 ✓								
	19550 ✓	56	236 ✓	30 ✓	369 ✓	1360 ✓	3 ✓	600 ✓	50 ✓	2 ✓	3200	4550 ✓	1.

SA 066155

Coater cont.

de	Foamaster	Latex 483 (GAA)	Glycerine	Latex 1561	Paracol	Elvanol	Latex 100 HS	DPP-122	GA Starch	PG-280	sodium Nit	Caustic Soda
			30							100		
						150				1200	100	
								33				
			30 ✓			150 ✓		33 ✓		2200 ✓	100 ✓	
	1 qt	119 gal.										
	½ gal	119		100								
	1.5	238		100								
50					60		450					
									500			1500
50 ✓					60 ✓		450 ✓		500 ✓			1500
										800/3000 4000/6000 14400		
	1.5	238	30	100	60	150	450	33	500	16600	100	1500

SA 866156

	Latex ASE-60	Triton GR	Polyem 40	Boraize	Intrawite	Kelgin	Calgon Powder	Nopcocide 121-B
30								
31								
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17	600	22	30	50				
18								
19								
20	600	22	30	50				
21					68 / 68	40 / 40		
22					68 / 68	40 / 40	6 / 27	2
23					102 / 68	60 / 40	30 / 45	
T					272	220	108	2
					102 / 68	40 / 60		
					68 / 68	40 / 40		
					238 ✓	180 ✓		
	600	22	30	50	612	400 ✓	108 ✓	2 ✓

20
22
24
27
29

SA 866157

June

MILL C

Hydrapulper Report

Date	Grand Parie	westvaco	Riverdale	PS	ASW	AHW	Eddy	Celgar	HW Courtland	Cariboo	Hardwood
5-30	28		44	44	146					28	
31	34		51	51	182					34	
1	30		42	34	125					30	
2	32		29		60					46	
3	22		5		44					48	
4	18				28					27	
5	47				25					3	
T	211 ✓		171 ✓	129 ✓	610 ✓					216 ✓	
6	60				37						
7	45		47		111		57			29	
8	55				31						
9	40				33						
10	60		14		31						
11	55		16		33						
12	50		14		31						
T	365 ✓		91 ✓		307 ✓		57 ✓			29 ✓	
13	30		30		30						
14	80		48		32						
15	25		16		23						
16	5		14		26						
17	50		16		64						
18	59		23		52						
19	6		21	27.5	63						
T	250 ✓		168 ✓	27.5	290 ✓						
20 21			42 / 156	12 / 48	116 / 68		/ 39				
22 23	26 /		20 /	17 / 12	102 / 24		15 /				
24 25	40 / 65		8 / 7	12 /	38 / 33						
26	80				34						
T	211 ✓		233 ✓	101 ✓	415 ✓		54 ✓				
27 28	70 / 15		4 / 28		32 / 59						
29 30	8 / 36		22 /	9 /	51 / 29					36	
T	129 ✓		54 ✓	9 ✓	171 ✓					36 ✓	
			[illegible]	[illegible]	[illegible]		[illegible]			[illegible]	

SA 066158

Alum 100# = 1 bag 9.09

Broke	Calcium Chloride	Soda ASH	Mapico	Hannor	Cal. Carb.	Canadian H.W.	ALUM	Rotterdam HW	Tita Bags	Intra white	Marathon Bales
7000											
8500											
15500											
44000			84								
33000			66								87
23000			54								84
21500			54								75
152500 ✓			258 ✓								246 ✓
17500			72								72
18500			54				5		38		27
26500			66								93
24500			48								99
27500			72								93
27500			66								99
25500			60								93
67500 ✓			138 ✓				5 ✓		38 ✓		76 ✓
12500			36								90
7500											96
11500				55							69
8500				70							74
				30							96
13000											96
											136
[illegible]			6 ✓	155 ✓							67
3300/17000							4		26	26	48/47
26500/17500				48			1		10/48	10	86/164
2500/3000											148/132
25000											136
111000				18 ✓			5 ✓		24 ✓	36 ✓	[illegible]
21000/17000											28/152
14500								2/36			176/116
22500								38			572
1137300 ✓			732 ✓	203 ✓			10 ✓	38 ✓	122 ✓	36 ✓	2812

Dat
30
31
1
2
3
4
5
T
6
7
8
9
10
11
12
13
14
15
T
10
1
1
1
T
20
20
21
26
T
27
27
T

SA 866159

MILL D

June Hydrapulper Report

Bales	Date	ASW	AHW	Riverdale	Federal	Westvaco	Pasadina	Courtland HW	Courtland SW	Carriboo	Grand Prairie	Marathon
	30	128		110			40				70	
	31	162	108				46				56	
	1	156	142				58				4	
	2	121	81				34	32			32	
2	3	58	58				18	64		58	116	
1	4	88	80				20	47			100	
	5	308	112				10			4	10	
	T	1021 ✓	581 ✓	110 ✓			226 ✓	143 ✓		62 ✓	388 ✓	
2	6	196	172				40					
2	7	160	176				48					
3	8	148	164				42				42	
9	9	118	10			34		102			10	64
	10	150				32		104		20		36
7	11	188				260				70		
3	12	198				264						
0	T	1158 ✓	522 ✓			570 ✓	100	206 ✓		10 ✓	2 ✓	100
2	13	208	136			80						16
2	14	94	114								100	28
7	15	175	169								90	
4	16	183	153								60	
0	17	156	172									
6	18	136	16					136				28
2	19	69						103		30	50	
7 ✓	T	102	760			80		239 ✓		30 ✓	300 ✓	72
40	20 21	82 / 111						78 / 115		48	80 / 80	
164	22 23	110 / 158	44	80				36			10	44 / 92
132	24 25	118 / 120	162 / 144							88 / 72		52
6	26	138	9								42	68
21 ✓	T	837 ✓	354	80 ✓				229 ✓		208 ✓	212 ✓	256 ✓
152	27 28	49 / 67									90 / 90	110 / 120
116	29 30	120 / 178	54 / 182								74 / 8	20 / 40
2	T	414 ✓	236 ✓								262 ✓	290 ✓
		[illegible] ✓	[illegible] ✓	190 ✓		170	351 ✓	817		290 ✓	1214 ✓	718 ✓

SA 866168

W/S	IV Red	Harmac	Alum	canidian	Reg Broke	Crest brook	Estex	Hw Kraft	Eddy	willimette	Yokohama
–											
–											
–											
–											
13000											
12000											
25000											
3000											
5000											
11000											
11000											
[illegible]											
18000											
14000		80									
		80									
		40									
[illegible]		[illegible]									
											10/80
4000											12/24
										103	
										16	
8000										75/107	
										104/	
12000										286 ✓	
103000		200								389	76

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June COLORS

Kohama	Date	Solar Blue	Black Blue	Red	yellow	Orange	Intra Blue
	30	571	120	8			
	31	611	113	8			
	1	363	71	8	9		
	2	51	17	3	3		
	3	15	72		51	23	
	4		89		47	23	
	5		90		43	21	
	T	1611	572	27	153	67	
	6		92		52	15	
	7	101	27			2	
	8		98		51	23	
	9		117		57	27	
	10		104		55	24	
	11		115		56	26	
	12		112		55	24	
	T	101	665		326	141	
	13		105		48	23	
	14	202	161		49	26	
	15	199	168	3	52	24	
	16	183	148	7	35	15	
	17	199	192	8	56	24	
	18	153	209	6	49	27	
	19	6	195	4	54	27	
	T	742	1178	28	343	166	
	20 21	74/35	100/84	9	13/1237.5	3/193	
0/30	22 23	145	170/166		18/71	19/24	
2/24	24 25	3/22	170/123	3/7	66/59	26/18	
	26	201	214		51	17	
	T	480	1027	19	[illegible]	300	
	27 28	187/75	209/190		59/61	17/28	
	29 30		199/107		59/853	37/16	
		262	705		1032	98	
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

SA 066162

July 1983 Beater Room Report D

Date	Blue	Yellow	Solar Blue	Black	Orange
1	384	6		134	5
2	156	1	124	103	9
3	—				
4	=				
5	315		118	105	10
6	288		60	104	10
7	140	14	222	163	20
8	452			231	25
9	379		187	216	25
10	393	4	-	117	15
T	2507 ✓	25 ✓	711 ✓	1173 ✓	119 ✓
11	113	113	124	116	31
12	219	116		79	30
13	230	100		103	26
14	504	59		92	23
15	507	76		32	6
16	241	275		51	34
17	498	3		16	15
T	2312 ✓	742 ✓	124 ✓	489 ✓	165 ✓
18	273	5		36	13
19	458	5		54	11
20	341	6		39	12
21	306	5		66	15
22	58	147		91	43
23	382	120		106	41
24	578			123	30
T	2396 ✓	288 ✓		515 ✓	165 ✓
25 26	123/296	8/		149/84	44/21
27 28	265/	16/		305/	32/
29 30					
31					
T					

SA 866163

Mill C

July Daily Chemical Report

Date	Alum (5.45)	clay (3960)	Rosin Size (7.3)	Alpha Size (8.72)	Clinsize B	Starzyme Ga	TALC	Tita	Ansilex	Defoamer (7.91)	Kal. 64 (8.55)
7-1	536	8	161	8	2200	7500	1025	8375	1900	20	50
2	358	2	95				350	2600	600	20	25
3	—										
4	—										
5	357	0	44							20	-
6	358	0	40							20	-
7	238	0	43							20	-
8	179	0	39							20	
9	199	0	41							20	
10	179	1	35							20	
T	2404 ✓	11 ✓	498 ✓	8 ✓	2200 ✓	7500 ✓	1375 ✓	10975 ✓	2500 ✓	160 ✓	75
11	536	7	86		2400			100		20	25
12	656	9	123					1100		20	100
13	894	9	116							20	50
14	596	12	141			5900	350	1750	350	20	100
15	477	12	155			11600	450	2850	600	20	50
16	539	11	157				375	4700	625	20	50
17	417	10	151				400	5550	1200	20	75
T	4115 ✓	70 ✓	929 ✓		2400 ✓	17500 ✓	1575 ✓	16050 ✓	2775 ✓	140 ✓	450 ✓
18	596	8	167				1075	8200	1450	20	75
19	298	6	139				800	8450	2450	20	100
20	715	4	147		2200		1025	10675	2650	20	50
21	596	6	118				1125	8050	1700	20	75
22	457	9	140					2100	350	20	50
23	536	7	137	40			400	5950	1750	20	100
24	482	11	125				375	2250	375	20	75
T	3680 ✓	51 ✓	973 ✓	40 ✓	2200 ✓		4800 ✓	45675 ✓	10725 ✓	140 ✓	525 ✓
25 26	536 / 656	10 / 9	120 / 133			2600	375	2650 / 2375	425 / 1900	20 / 20	50 / 50
27 28	536 / 537	8 / 8	153 / 100			6500		6775 / 2000	2515 / 900	20 / 20	50 / 45
29 30	536 / 536	11 / 7	127 / 86					1025 / 500		20 / 20	75 / 50
31	274	10	136					3700		20	50
T	2601 ✓	63 ✓	855 ✓			9100	375	19225	5800	140	350
[illegible]	[illegible]	[illegible]	2255 ✓	48 ✓	1800 ✓	24100 ✓	8175 ✓	91925 ✓	21800 ✓	580 ✓	1600 ✓

SA 866164

NaLCo	Cargill Starch	Alum Mach	Clay Tank	Cato Starch	Calcium Chloride	Soda Ash	Stay Size	Stayco Starch	Douglas Starch	Date
		3	3500						1800	1
		2	1000						3900	2
		2	-		750	750				5
		2	-		700	700				6
		1	-		800	800				7
		1	-		875	875				8
		1			950	950				9
		1	900		800	800				10
		12 ✓	5400 ✓		4875 ✓	4875 ✓			5700 ✓	7
		3	2000						10300	11
		4	3100						11800	12
		5	3600						9100	13
		3	4600						4500	14
		3	500						100	15
		3	4400						11700	16
		2	3500						13000	17
		23 ✓	21700 ✓						60500 ✓	1
		3	3300						8100	18
	4900	2	2200						4200	19
	7800	3	1500							20
	10400	3	1500							21
	13000	3	3300	11600						22
	11900	2	3000	500			2200			23
	12600	3	4700							24
	60600	19	19500 ✓	2100 ✓			2200 ✓		12300 ✓	
	1560 / 9200	3 / 3	4000 / 3500							
	7800	3 / 3	3800 / 3900							
	143 / 6500	3 / 3	4800 / 3000							
	5400	3	3402						6300	
	44643	21	26402						6300	
	105243	76	73002	2100 ✓	4875	4875	2200		84800 ✓	

5A

066165

Mill D

Daily Chemical Report

July x x360 x x

Date	Glue	Size Tanks	Stayzme	753	Tita	Sodium Nitrate	SALT	J-100	Size Rosin	Douglas
1	539	1	188		143					
2	269	1	62		86	30				
5	172	4	246		113	75				
6	196	9	150		117	60				
7	171	4	176		130	15				
8	196	1	160		260					
9	195	1	158		250					
10	196	1	162		250					
T	1934 ✓	22 ✓	1302 ✓		1349 ✓	180 ✓				
11	294	1	138		260					
12	196	1	124		260					
13	196	2	156		270					
14	221	2	174		260					
15	49	4	176		200					
16	172	2	176		131					
17	122	3	190		100	45				
T	1250 ✓	15 ✓	1134 ✓		1481 ✓	45 ✓				
18	147	3	140		121	60				
19	98	2	168		175					
20	196	2	192		152					
21	147	2	150		176					
22	196	5	144		200					
23	147	5	192	9	210					
24	146	5	208		200					
	1077 ✓	24 ✓	1194 ✓	9 ✓	1234 ✓	60 ✓				
25	147	5	150		195					
26 27	147 / 147	5 / 5	160 / 144		200 / 210					
28 29	196 / 147	5 / 3	144 / 176		200 / 147					
30 31	172 / 147	2 / 2	216 / 168		208 / 108					
T	1103	27	1158		1268					
	[illegible]	[illegible]	[illegible]	9	[illegible]	285				

SA 066166

[redacted]

le Coater con't.

...a ...ide	Choline Chloride	Foamaster	Glycerine	LATex	Paracol	Elvanol	LATex 100	DPP-722	GA starch	PG-280	Sodium Nit	Caustic Soda
	12	1										
000	28	1				45		218				
	6	1						29		200		
200		1						32				
200 ✓	44 ✓	4 ✓						279 ✓		200 ✓		
)												
/		/2										
0		2										
	[illegible]	[illegible]				45		279		200		

SA 066167

Blade

Camel white	Nopcosant	Cellulose Ona-7L	Latex EAA 483	C-104	Kelgin HV	Intramite	PG-200	Cellusize	Defomer	Hydrocarb	Tita dioxide	Chg Ch
150		15		10	20	34						
150		15										
100		10										
150		15										
100		10										
50		5										
700 ✓		70 ✓		260 ✓	20 ✓	34 ✓						
150		15	400									1
550	5	17	922								1000	2
50	2		119									
50	7	16		17						2500	3200	
50		5										
150		15										
1000 ✓	11 ✓	68 ✓	1041 ✓	17 ✓						2500 ✓	3200 ✓	4
150		15										
200		20										
100		10		10	20	34						
				10	20	34						
200		20		10	20	34						
650 ✓		65 ✓		30 ✓	60 ✓	102 ✓						
				30	60	102						
				30/20	60/40	102/68						
	2			80/20	40/40	68/68					1100	
				20/	40/	68/						
	2			140	280	476					1100	
				157								
2350	13	203	1441	447	360	612				2500	5300	5

[redacted]

July Blade Coater Chemicals

Date	Clay HT	Protein	Latex	Borax	Berset	Ammonia	TsPP	DF-122	Cloride	Borate 20	[illegible] 112
1	2032	900	877	45	21	30	31	40			
2											
5	1407	900	660	45	23	24	15	36			
6	938	600	440	30	15	16	10	24			
7	1207	800	440	45	15	24	15	36			
8	938	600	440	30	15	16	10	24			
9	438	300	220	15	8	8	5	12			
10											
T	6160 ✓	4100 ✓	3077 ✓	210	97	118	86	172			
11	1407	2500	660	45	23	76	15	36		37	
12	959	2200	440	31	15	77	5	20		58	
13	322					2				6	
14	623	150	220	8	4	4	3	6			
15	469	300	220	15	8	8	5	12			
16	1407	900	660	45	23	24	15	36			
17											
T	~~7150~~ 8167 ✓	4450 ✓	2200 ✓	144 ✓	111 ✓	[illegible] ✓	[illegible] ✓	[illegible] ✓		67	
18	1407	900	660	45	23	24	15	36			
19	1876	1200	880	60	30	32	20	48			
20	1563	600	657	30	15	22	26	28			
21	625		217			6	16	4			
22											
23	2501	1200	1097	60	30	38	36	52			
24	7										
T	7972 ✓	3900 ✓	3511 ✓	195 ✓	98 ✓	122 ✓	113 ✓	168 ✓			
25	1875		651			18	48	12			
26 27	1875 1250		651 6234			18 12	48 32	12 8			
28 29	1250 1250		434 434			12 12	38 32	8 8			
30 31	1250		434			12	32	8			
T	~~21659~~ 8750		8838			84	230	56			
[illegible]	[illegible]	[illegible]	[illegible]	549	336	515	452	506		101	

SA 066169

July x360 M.11 D

Daily Chemical Report

Date	Glue	Size Tanks	Stayzme	753	Tita	Sodium Nitrate	SALT	J-100	Size Rosin	Douglas
1	539	1	188		143					
2	269	1	62		86	30				
5	172	4	246		113	75				
6	196	9	150		117	60				
7	171	4	176		130	15				
8	196	1	160		260					
9	195	1	158		250					
10	196	1	162		250					
T	1934	22	1302		1349	180				
11	294	1	138		260					
12	196	1	124		260					
13	196	2	156		270					
14	221	2	174		260					
15	49	4	176		200					
16	172	2	176		131					
17	122	3	190		100	45				
T	1250	15	1134		1481	45				
18	147	3	140		121	60				
19	98	2	168		175					
20	196	2	192		152					
21	147	2	150		176					
22	196	5	144		200					
23	147	5	192	9	210					
24	146	5	208		200					
	1077	24	1194	9	1234	60				
25	147	5	150		195					
26 27	147 147	5 5	160 144		209 210					
28 29	196 147	5 3	144 176		200 147					
30 31	172 147	2 2	216 168		208 108					
T	1103	27	1158		1268					
	[illegible]	[illegible]	[illegible]	9	[illegible]	285				

SA 066170

10

Nalco	Cargill Starch	Alum Mach	Clay Tank	Cato Starch	Calcium Chloride	Soda Ash	Stay Size	Stayco Starch	Douglas Starch	Da
		3	3500						1800	1
		2	1000						3900	2
		2	-		750	750				5
		2	-		700	700				6
		1	-		800	800				7
		1	-		875	875				8
		1			950	950				9
		1	900		800	800				10
		13 ✓	5400 ✓		4875 ✓	4875 ✓			5700 ✓	11
		3	2000						10300	12
		4	3100						11800	13
		5	3600						9100	14
		3	4600						4500	15
		3	500						100	16
		3	4400						11700	17
		2	3500						13000	18
		23 ✓	21700 ✓						60500 ✓	19
		3	3300						8100	20
	4900	2	2200						4200	21
	7800	3	1500							22
	10400	3	1500							23
	13000	3	3300	11600						24
	11900	2	3000	500			2200			25
	12600	3	4700							26
	60600	19	19500 ✓	2100 ✓			2200 ✓		12300 ✓	
	15600/9300	3/3	4000/3500							2
	7800	3/3	3800/3900							2
	14300/6500	3/3	4800/3000							23
	5400	3	3402						6300	24
	44643	21	26402						6300	
	105243 ✓	76	73002 ✓	2100 ✓	4875 ✓	4875 ✓	2200		84800 ✓	

SA 866171

Mill C

Daily Chemical Report

July

Date	Alum (5.45)	Clay (3960)	Rosin Size (7.3)	Alpha Size (8.72)	Clinsize B	Stazyme Ga	TALC	Tita	Ansilex	Defoamer (7.91)	Kal. 64 (8.55)
7-1	536	8	161	8	2200	7500	1025	8375	1900	20	50
2	358	2	95				350	2600	600	20	25
3	—										
4	—										
5	357	0	44							20	
6	358	0	40							20	
7	238	0	43							20	
8	179	0	39							20	
9	199	0	41							20	
10	179	1	35							20	
T	2404 ✓	11 ✓	498 ✓	8 ✓	2200 ✓	7500 ✓	1375 ✓	10975 ✓	2[illegible] ✓	[illegible] ✓	75
11	536	7	86		2400			100		20	25
12	656	9	123					1100		20	100
13	894	9	116							20	50
14	596	12	141			5900	350	1750	350	20	100
15	477	12	155			11600	450	2850	600	20	50
16	539	11	157				375	4700	625	20	50
17	417	10	151				400	5550	1200	20	75
T	4115 ✓	70 ✓	929 ✓		2400 ✓	17500 ✓	1375 ✓	16050 ✓	2775 ✓	140 ✓	450 ✓
18	596	8	167				1075	8200	1450	20	75
19	298	6	139				800	8450	2450	20	100
20	715	4	147		2200		1025	10675	2650	20	50
21	596	6	118				1125	8050	1700	20	75
22	457	9	140					2100	350	20	50
23	536	7	137	40			400	5950	1750	20	100
24	482	11	125				375	2250	375	20	75
T	3680 ✓	51 ✓	973 ✓	40 ✓	2200 ✓		4800 ✓	45675 ✓	10725 ✓	140 ✓	525 ✓
25 26	536 / 656	10 / 9	120 / 133			2600	375	2650 / 2575	425 / 1900	20 / 20	50 / 50
27 28	536 / 537	8 / 8	153 / 100			6500		6775 / 2000	2575 / 900	20 / 20	50 / 25
29 30	536 / 526	11 / 7	127 / 86					1025 / 500		20 / 20	75 / 50
31	274	10	136					3700		20	50
T	3[illegible]01 ✓	63 ✓	855 ✓			9100	375	19225	5800	140	550
[illegible]	[illegible]	195	3255 ✓	48 ✓	6800 ✓	24100 ✓	8125 ✓	91925 ✓	21800 ✓	580 ✓	1400 ✓

X

SA 066172

Nalco	Cargill	Al		Cato	Calcium		Stay	Stayco	Douglas
		2	1000						[illegible]
		2	-		750	750			
						800			
		1	-		875	875			
		1	[illegible]		4675	4675			[illegible]
		2	[illegible]						[illegible]
		5	[illegible]						
		3	4600						4500
		2	3500						13000
	[illegible]	2	[illegible]						[illegible]
	[illegible]	2	[illegible]						
	11900	2	[illegible]	500			2200		
	[illegible]	3	[illegible]				[illegible]		
	[illegible]	3	[illegible]						[illegible]
	V05243	7½	[illegible]	2100	4875	4875	2200		84800

Da
1
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Mill D

Daily Chemical Report

July x360

Date	Glue	Size Tanks	Stayzme	753	Tita	Sodium Nitrate	SALT	J-100	Size Rosin	Douglas
1	539	1	188		143					
2	269	1	62		86	30				
5	172	4	246		113	75				
6	196	9	150		117	60				
7	171	4	176		130	15				
8	196	1	160		260					
9	195	1	158		250					
10	196	1	162		250					
T	1934	22	1302		1349	180				
11	294	1	138		260					
12	196	1	124		260					
13	196	2	156		270					
14	221	2	174		260					
15	49	4	176		200					
16	172	2	176		131					
17	122	3	190		100	45				
T	1250	15	1134		1481	45				
18	147	3	140		121	60				
19	98	2	168		175					
20	196	2	192		152					
21	147	2	150		176					
22	196	5	144		200					
23	147	5	192	9	210					
24	146	5	208		200					
	1077	24	1194	9	1234	60				
25	147	5	150		195					
26 27	147/147	5/5	160/144		200/210					
28 29	196/147	5/3	144/176		200/147					
30 31	172/147	2/2	216/168		208/108					
T	1103	27	1158		1268					
	[illegible]	[illegible]	[illegible]	9	5332	285				

SA 066174

July

Blade Coater Chemicals

Date	Clay HT	Protein	Latex	Borax	Berset	Ammonia	TsPP	DF-122	Cloride	Borate 20	[illegible] 112
1	2032	900	877	45	21	30	31	40			
2											
5	1407	900	660	45	23	24	15	36			
6	938	600	440	30	15	16	10	24			
7	1207	800	440	45	15	24	15	36			
8	938	600	440	30	15	16	10	24			
9	438	300	220	15	8	8	5	12			
10											
T	[illegible]	4100	3077	210	97	118	86	172			
11	1407	2500	660	45	23	76	15	36		37	
12	959	2200	440	31	15	77	5	20		58	
13	322					2				6	
14	623	150	220	8	4	4	3	6			
15	469	300	220	15	8	8	5	12			
16	1407	900	660	45	23	24	15	36			
17		4									
T	~~7123~~ 8187	4450	2200	144	111	[illegible]	[illegible]	[illegible]		67	
18	1407	900	660	45	23	24	15	36			
19	1876	1200	880	60	30	32	20	48			
20	1563	600	657	30	15	22	26	28			
21	625		217			6	16	4			
22											
23	2501	1200	1097	60	30	38	36	52			
24	7										
T	7972	3900	3511	195	98	122	113	168			
25	1875		651			18	48	12			
26 27	1875 / 1250		651 / 6234			18 / 12	48 / 32	12 / 8			
28 29	1250 / 1250		434 / 434			12 / 12	38 / 32	8 / 8			
30 31	1250		434 /			12 /	32 /	8 /			
T	~~21659~~ 8750		8838			84	230	56			
[illegible]	[illegible]	14450	[illegible]	549	336	515	452	506		101	

SA 066175

Blade

Camel white	Nopcosant	Cellulose one-71	Latex EAA 410	C-104	Kelgin HV	Intrawaite	PG-200	Cellusize	Defomer	Hydrocarb	Tita dioxide	Chg Chg
150		15		10	20	34						
150		15										
100		10										
150		15										
100		10										
50		5										
700 ✓		70 ✓		260 ✓	20 ✓	34 ✓						
150		15	400									1
550	2	17	922								1000	3
50	2		119									
50	7	16		17						2500	3200	
50		5										
150		15										
1000 ✓	11 ✓	68 ✓	104 ✓	17 ✓						2500 ✓	3200 ✓	4
150		15										
200		20										
100		10		10	20	34						
				10	20	34						
200		20		10	20	34						
650 ✓		65 ✓		30 ✓	60 ✓	102 ✓						
				30	60	102						
				30/20	60/40	102/68						
	2			20/20	40/40	68/68					1100	
				20/	40/	68/						
	2			140	280	476					1100	
				157								
2350	13	203	1041	447	360	612				2500	4300	4

SA 866176

le Coater cont.

ide	Choline Chloride	Foamaster	Glycerine	LATex	Paracol	Elvanol	LATex 100	DPP-T22	GA starch	PG 280	Sodium N + [illegible]
	12	1									
00	38	1				45		218			
	6	1						29		200	
00		1						32			
00 ✓	44 ✓	4 ✓						279 ✓		200 ✓	
		2									
0		2									
	[illegible]	[illegible]				46		279		200	

SA 066177

	Latex	Triton	Polyem 40	Bersize 234	930-L	610.7	Berset 39	Strodex	100 HS	acetic	Berbond 23	AirAlex	D
1													
2													
5													
6													
7													
8													
9													
10													
11													
12											1000		
13				239 6	145	143	6						
14								2	450	2	60		
15													
16													
17													
T				6 ✓	145 ✓	143 ✓	6 ✓	2 ✓	450 ✓	2 ✓	1 ✓		
18													
19													
20													
21													
22													
23													
24													
25													
26													
27													
28				50 94				2				1100	
29													
30													
31													

[redacted]

July

Mill C
Hydrapulper Report

Date	Grand Prairie	Westvaco	Riverdale	PS	ASW	AHW	Paco	Celgar	Wellington	Champion Pine
1	36		33	17	107				36	
2	38		27	10	81				18	
5	45									
6	65									
7	65									
8	55									
9	60									
10	55									
	419		60	27	188				1	
11	55		26		27					
12	50	47			141					
13	50	45			168					
14	76	55	37	3	153					9
15	87	21	42	25			75			51
16	70	14	51	51			153			
17	35	17	38	21			114	50		
T	423	199	194	100	489		342	50		60
18		16					37	80		
19		15					33	75		
20		31					92	51		
21		20					30	76		
22		17	42		126			85		
23		17	41	17	137			51		
24		13	50	16	150			65		
T		129	133	33	413		142	433		
25		18	50	34	150			90		
26 / 27		17 / 17	34	27 / 36	143 / 45				2	54
28 / 29				17 / 25		18			25 / 55	89 / 132
30 / 31				21 / 43	34 /	8 / 86		60 / 85	17 / 17	42 / 86
T		52	84	203	371	112		235	116	
	942	280	471	363	1461	112	534	768	116	54 / 493

	Broke!	Calcium Chloride	Soda Ash	Mapico	Harmac	CAL. Carb.	Eddy	Alum #	Marathon	Tita Bags #	Intra white	Rottendam
1	20000								32			36
2	4000			6000#								18
5	9000	750	750	2700	150							
6	13000	700	700	3900	140							
7	13000	1160	160	3900								
8	11000	875	875	3300	175							
9	12000	950	950	3600	190							
10	11000	800	800	3300	160							
	93000 ✓	4235 ✓	4235 ✓	24300 ✓	815 ✓				32 ✓			54 ✓
11	31500			3300					51			
12	52000			3000								
13	55000			3000								
14	51000											
15												
16												
17	17000											
	206500 ✓			9300 ✓					51 ✓			
18	18500								111			
19	16500								99			
20	8000								99			
21	12000								102			
22	42000											
23	24000						27	225	14	900	18	
24	34000											
T	160000 ✓						27 ✓	225 ✓	42 ✓	900 ✓	18 ✓	
29												
30									85/83			
	16000 ~~10500~~								72/68			
	2500 ✓								20			
	4900								328			
	464400	4235 ✓	4235 ✓	30600 ✓	815 ✓		27 ✓	225	836 ✓	900	18	54 ✓

Rottendam — Eminence

Tc

SA 866180

July

Mill D

Hydrapulper Report

Date	ASW	AHW	Riverdale	Federal	Westvaco	Pasadena	H.W. Courtland	SW Courtland	Carriboo	Grand Pa[illegible]e	Marathon
1	144	144									84
2	82	112				14			20		48
5	133	164				28			55		28
6	138	52	122			22			70		52
7	163	174	12			22			5		68
8	148	169				26					101
9	144		142			26					96
10	145	99	54			30			17		53
	617 ✓	914 ✓	330			168			167		[illegible]
11	80		140			20			152		28
12	140		134			20			150		
13	128		178			44			90		16
14	134		176			16			106		
15	168	156	14						10		
16	144	178							110		
17	144	166							110		
T	138 ✓	500 ✓	642			100			728		44
18	125	134							125		
19	146	138							100		
20	86	120				16			90		36
21	58	132				24			80		
22	46	90				6			80		70
24	148	157							4		135
23	150	174									120
T	759 ✓	945 ✓				46 ✓			479 ✓		361 ✓
25	54	86							94		70
26 27	118/114	140/162							90/90		3/24
28 29	207/102	162/134							90/100		/66
30 31	216/192	86/	132/192								10/48
T	1003	770	324						464		262
[illegible]	[illegible]	[illegible]	[illegible]			[illegible]			1828		1197

Tendam
26
8
1 ✓

SA 066181

W/S	IV Red	Harmac	Alum	Canidian	Reg Broke	Crest brook	Estex	Eddy	willimette			Da
8000												
12000												
21000												
12000												
7000												
2000												
1000												
63000 ✓												
13000												
5000												
5000												
10 000												
22000												
55000 ✓												
20000												
10000												
5000 ✓												
16000												
10000												
13700												
2000												
41700												
189700												

[redacted]

	Bertand	Triton	Polyen	Hydrocarb	Bersize	AS 60	Titanium	UVitex	FC 807	Scriptest	Cellusize	Alles
29												
30								51				
31												
1												
2									48	185		
3												
4												
5								51	48	185		
6											50	60
7											50	30
8	1100	30	~~500~~ 40	1340		800	1860					
9												
10												
11												
12		70	500			10 000					100	90
13												
14												
15												
16												
17												
18												
19												
20												
21	600/1200						600/1200					
22		22/	50/			600/						
23												
24	400			3200			/3600					
25	1000 21		/150	/3200			900/3200					
26	100/				450/							
27	332 1	22	200	6400	450	600	9500					
28	332 1	92	700	6400	450	10600	9500	51	48	185	100	90

Sept

Mill C
Hydrapulper Report

Date	Grand Pavie	Willamette	Riverdale	PS	ASW	AHW	Pass	Celgar	Ultra Clay	carriboo	Intrawite
8-29		11				3		48			
30		34									
31		34									
1		34									
2		34									
3				44	128	82					
4				33	66	120		45			
T		147		77	194	205		93			
5		44		8	72	14					
6				29	106	131		55			
7				43	56	104	8	60			
8				39			150	65			
9							204	20		42	
10										78	
11							68				
T		44		119	234	249	430	200		120	
12				32		55	99				
13				42		108	106				
14				30	107	187					
15				28	90	143					
16				17	58	118					
17					101	117					48
18				38	126	56					
T				137	432	734	203				48
19				40	120	51					
20				40	120	47					
21 22			54/131	30/33	56/	49/					
23 24			145/41	35/38							
25 26				26/25							
27 28											
29 30											
1 2			371	267	296	147					
T		190	371	650	1206	1385	635	293		120	48

SA 066225

Broke	calcium chloride	Soda Ash	Mapico	Cedar Harmac	Tratium	Eddy	Alum	Marathon	terrace	Squimish	Westriaco	Do
	675	675		135						22		8
	875	875		175				68				
	925			185				68				
	925	925		185				68				
	900	900		180				68				
								68				
								24				
	4300	3375		860				364		22		
17000	250	250		50				68				
28000			3000									
12000			3600					57				
3900			13000					44				
								80				
						85		68			155	
								170	78			
60100	250	250	19600	50		85		487	78		15[illegible]	1
9000			2700					65	47			
									70			
									70			
17000									82			
					2400	24	600		149			
45000									80			
									84			
71000			[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	577			1
									73			
									80		18	
17000								38/	75/			21
1500/								102/	65/73			23
								1100/115	75/100		75/130	25
14000								134/138	79/68		127/72	27
8500/8500	825/900	825/900		165/180					68/68		17/17	29
11500/7000	/800	/800		180/160				/28	70/28		23/14	1
10000 78050	9754400	9754400		195/1880				725	[illegible]		20/513	
209900	8950	8025	22300	1790	2400	109	600	1641	1584	22	668	

SA 066226

Sept

Mill D
Hydrapulper Report

Date	ASW	AHW	Riverdale	Federal	Westvaco	Pasadena	Courtland	Calgar	Cariboo	Grand Prairie	Marathon
8-29	108	172									128
30	100	116							80	12	16
31	48	142	56						95		67
1	68	90							146	8	52
2	144	78								72	18
3	144									48	43
4	6					140					233
T	18	498	56			1[illegible]					1
5						182			40		234
6		56				99			187		126
7	30	162							60		192
8		274									250
9		108	40		156						234
10			219								249
11			70						62		301
T	30	600	329		156	[illegible]			341		[illegible]
12		60							70		248
13		110							90		175
14		30			94				70		106
15					124					70	106
16	78	60			86					10	108
17	112	116			42						66
18	150	154									24
T	340	530			346				[illegible]		
19	70	124									114
20	33	123									161
21 22	84/137	143/44			133						89/88
23 24	84/132				191/275						80/112
25 26	156/81				268/231						80/101
27 28	164/51	9			203/191						67/142
29 30					184/225	4/96					112/51
1/2	10	114			191/70	102/55					36/133
573	1002	337	205		2164	257			900	220	1368

Cruco

5

3

30
72
17
14

W/S	IV Red	Harmac	Alum	Candian	Reg Broke	Crestbrook	ESTex	Willimett	G.P.	terrace	Buzkeye
2000											
5000								84			
16000											
8000								34			
6000								24			
8000								161			
1000								65			
16000								368			
—											
10000											
—											
12000											
3000											
25000											
										15	
19000										100	
19000										50	
22000										50	6
17000										50	
1000										80	
78000										345	
16500										55	
17000										55	
14000/8000										104/100	
22000/5000										110/26	
/1000										/94	
7000/11000										35/5	
9000/16000										180/95	
3000/										70/30	
129500										959	
278500								368		1304	6

[redacted]

SA 066228

Sept.

Colors

Keye	Date	Solar Blue	Black	Blue	Red	Yellow	Orange	Intra Blue	Pontanine Green	
	8-29	112	119		4			810	2443	
	30	118	148		5			995	2985	
	31	113	208		11			976	2928	
	9-1		200	123	11			881	2643	
	2	10	245	109	14			656	21.75	*
	3	102	299		15	13				
	4	123	203		8					
	T	78	1422	232	68	13		4318		
	5	118	200		11			615	3187	
	6	69	17							
	7	68	26							
	8	132	11							
	9									
	10	143	21							
	11	131	47							
	T	661	322		11			615	3187	
	12	144	24							
	13	512	103		3					
	14	475	117							
	15	260	133							
	16	194	133							25
	17	232	143							
	18	248	168							
	T	2[illegible]5	821		3					
	19	355	183							
	20	396	198							
	21 22	181/195	120/114							
	23 24	180/97	60/5		1/10					
	25 26	64/95	38/51		14/10	/94	/4			
	27 28	50/	78/16		32/	324/244	/	2854	1.05	
	29 30		41/107			276/419	9/66	3764/3371	1.4/1.3	
	1 2	/154	39/49			347/270	26/20	3564/3450	1.35/1.4	

October Beater Room Report mill D

Date	Blue	Solar Blue	Black	Orange	Yellow
10-3	236	38	132	10	46
4	288	17	120	10	55
5	321		136	15	6
6	90	32	184	23	
7	105		296	43	
8	132		293	40	
9	215		325	41	
T	1387 ✓	87 ✓	1486 ✓	182 ✓	107 ✓
10	199		183	25	
11	390		194	20	
12	298		53	5	
13	227	37	85	5	
14	429		156	4	
15	368		251	23	
16	203		219	62	
T	2114	37	1141	140	
17	156		163	44	326
18	197		136	30	
19	58	14	98	22	
20	328		548	105	
21	377		277	66	
22	392		147	40	
23	401		239	50	
T					
24	115	219	279	49	2
25	478	107	97	18	
26	554	38	107	21	
27	439		212	32	
28	368		209	23	
29	214		56	6	
30	259		127	24	
T	7837	502	6542	846	435

5A 066230

October

Mill C

Daily Chemical Report

Date	Alum 5.45	Clay 3960	Rosin Size 7.3	Alpha Size 8.72	Clinsize 753	Starzyme GA	TALC	Tita.	Ansilex	Defoamer 7.91	Kal. 64 8.55
10-3	358	4	48		2200			2400	1075	20	25
4	298	3	46		1200			3785	1650	20	
5	189	2	69					2420	1050	-	-
6	358	8	117					3565	1000	20	50
7	257	5	92	120				6505	1225	20	50
8	716	9	108					3740	1275	20	75
9	238	9	120					3575	1350	20	100
T	2414 ✓	40 ✓	600 ✓	120 ✓	3400 ✓			25.10 ✓	[illegible] ✓	[illegible]	[illegible]
10	358	6	49							20	100
11	715	7	112			12000		2860	975	20	100
12	715	6	77			9100		440	75	20	100
13	715	7	83			8000				20	100
14	343	7	83			10400				20	75
15	358	9	115			11400				20	75
16	715	6	124			7800		1275	825	20	50
T	3919 ✓	48 ✓	643 ✓			58700 ✓		4575 ✓	1375 ✓	140 ✓	[illegible]
17	298	3	103			10400		5000	2200	20	50
18	358	2	84			7800		5000	2300	20	75
19	596	7	115		2200	7800		4400	2050	20	75
20	417	9	124		2200	6500		2700	850	20	50
21	403	11	129			9100		3600	1800	20	25
22	536	9	114			10400		3000	900	20	150
23	417	10	111			10400		3200	900	20	75
T	3225 ✓	51 ✓	780 ✓		4400 ✓	[illegible] ✓		[illegible] ✓	[illegible] ✓	140 ✓	[illegible]
24	458	7	99			7800		5200	1850	20	75
25	258	7	110			6500		11200	3200	20	100
26	357	1	55		2200			7200	1500	20	25
27	119	1	58					5100	1275	20	25
28	179	2	45		1200			3900	975	20	
29	243	2	30		3600			1550	850	20	
30	294	3	41		2200	4500		1450	850	20	
T	1908	23	438		9200	18800		35600	10500	140	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]

SA 066231

	Poncote	Cargill Starch	Alum Mud	Clay tank	Cato Starch	Calcium chloride	Soda Ash	Douglas Starch	Ultra cote	I.F. Alum	Calcium carbonate	Sodium bicarbonate
3			2	900		925	925					
4		5500	1	1400		650	650					
5		5300	1	900								
6		10400	2	3500	2000							
7		9200	2	2300	1300					650		
8		11700	3	4000								
9		11700	2	3800								
T		53800 ✓	13 ✓	16800 ✓	3300 ✓	1575 ✓	1575 ✓			650 ✓		
10		10400	2	3200							6500	100
11		2300	4	2800								
12			4	2900								
13			4	3300								
14			2	2800								
15			2	4200								
16			4	2700								
T		12700 ✓	22 ✓	21900 ✓							6500 ✓	100 ✓
17			2	1300					15200			
18			2	1000					15100			
19			3	3000					7350			
20			3	3700								
21			2	4800								
22			3	4100								
23			2	3200								
T			17 ✓	21600 ✓					37650 ✓			
24			2	2800					5100			
25			2	2700					3600			
26			1	500		650	650					
27			1	500		875	875					
28			1	1400		875	875					
29			1	900		950	950					
30			1	1300		550	550					
			9	10100		3900	3900		8700			
		66500	61	70400	3300	5475	5475		46350	650	6500	100

SA 866232

OCT.

MILL D
Daily Chemical

Date	Glue	Size Tanks	Stayzme	753	Tita	Sodium Nitrate	SALT	J-100	Size Rosin	Dagas
3	74	1	128		250					
4	122	1	128		260					
5	156	1	208		250					
6	147	1	144		260					
7	73	3	192		77					
8	98	4	134		144					
9	122	4	112		107					
T	792 ✓	15 ✓	1046 ✓		1348 ✓					
10	74	4	104		90					
11	147	4	100		54					
12	122	2	128		10					
13	147	3	96	48	32					
14	98	5	42	90	200					
15	147	7	160	40	220					
16	147	6	112		200					
T	882 ✓	31 ✓	742 ✓	178 ✓	806 ✓					
17	91	5	112		210					
18	147	8	180		200					
19	147	5	108		210					
20	147	4	128		220					
21	245	9	130		211					
22	172	2	150		65					
23	98	2	122		113					
T	1047	35	930		1229					
24	122	6	144		129					
25	123	6	184		12		68			
26	49	2	128		42		30			
27	73	2	168		157					
28	97	2	162		250					
29	98	1	148		200					
30	98	2	128		200					
T	660	21	1062		990		98			
	3281	102	3780	178	4372		98			

October Blade Coater Chemical

Date	Clay	Protein	Latex	Borax	Berset	Ammonia	TsPP	DF-122	Clinsize	Baste	Latex
3	938	600	440	30	15	16	10	24			
4	627	300	220	15	8	8	5	12			
5	420	-	-					-			
6	210	-	-								
7	1064	300	570	15	8	43	5	26			
8											
9											
T	3257 ✓	1200 ✓	1230 ✓	60 ✓	31 ✓	67 ✓	26 ✓	62 ✓			
10	469	300	220	15	7	8	5	12			
11	368										
12	158										
13	469	300	220	15	8	8	5	12			
14	469	300	220	15	8	8	5	12			
15											
16											
T	1933	900	660	45	23	24	15	36			
17	1844	300	798	15	8	21					
18	938	600	440	30	15	16	10	24			
19	922	300	220	15	8	8	5	12			
20	158										
21	1703	600	800	30	15	61	10	60			
22											
23											
T											
24	1108	600	520	30	15	26	10	32			
25	938	600	440	30	15	16	10	24			
26	1407	900	660	45	23	24	15	36			
27	938	600	440	30	15	16	10	24			
28	2345	1500	1100	75	38	40	25	60			
29											
30											
T											
	[illegible]	[illegible]	[illegible]	1105	[illegible]	[illegible]	130	370			

SA 066234

Blade

	Carmel White	Nopcosant	Cellulose CMC-7L	Latex EMA	C-104	Kelgin	Intrwite	PG-200	Titanium	Stradex PK-70	Paracol	berbond 23
3	100	5	10						1800	27	81	1800
4	50		5									
5		8	17		22				4300	20		
6		4	8		11				2150	10		
7	2150	14	5		28							
8												
9												
T	200	31	45		61				8250	57	81	1800
10	50	4	5						1400	21	63	1400
11		4	8		11				2150	10		
12		3	6		9				1600	8		
13	50		5									
14	50		5									
15												
16												
17	150	11	29		20				5150	39	63	200
17	50		5		22	44	75					
18	100		10									
19	50	12	19		20				5550	45		1800
20		3	6		8				1600	8		
21	2800	18			36							
22												
23												
24	700	4	10		8							
25	100		10									
26	150		15									
27	100		10									
28	250		25									
	6750	79	184	—	175	44	75	-	20,550	149	144	3800

SA 066235

Coater continued

rbond 23	100HS	Foamaster VF	Glycerine	Latex	Stay Size	Elvanol	Latex	DPP-722	DPP-722	PG-280		
00		18										
	600											
	~~600~~ 300											1000
										2800		
00	1200 ✓	18 ✓								2500		1600
00		14										
	300											
	225											
0	525	14										
00	525	18										
	225											
										3600		
										800		

SA 866236

	Stayzime G.A	ASE-60	Triton GR	Poly EM-40	Hydracarb 65
3					
4	500	600	22	50	
5					4300
6					2150
7					
8					
9					
10	500	600	22	50	6100
11					
12	500	600	22	50	2150
13					1600
14					
15					
16					
17	500	600	22	50	3750
18					
19				100	3750
20					1600
21					
22					
23					
24					
	1052	1200	44	200	15,550

SA 066237

OCT.

Mill C
Hydrapulper Report

Date	Marathon	Terrace	Willamette	Riverdale	PS	ASW	AHW	ULTRA COTE 90	Caribou	Mapico	Intrant
3	80			14							
4	80	10		22							
5	76	45		32							
6	20	45		86							
7	40	72		124	27						
8	15	4		77	45						
9	150			28	18						
T	461 ✓	176 ✓		383 ✓	70 ✓						
10	105				25						
11	150				45		26				
12	119				30		91				3000
13	110				43		103				3300
14	138						86				3300
15	150				21		108	#	45		3600
16	134				21		106	2800	65		3900
T	406				185		520	2800	110		17100
17	190						38	15200	55		3300
18	210						42	15100	40		2400
19	232				22		102	7350			
20	166				28		132				
21	193						189				
22	196						164				
23	179						173				
T	1366				50		840	37150	95		
24	210						106	5100			
25	180						80	3000			
26	44						24				
27	51						17				
28				25					33		
29				38							
30	62			12			28				
T	547			75			255	8100	33		

52

SA 866238

Broke	Calcium Chloride	Soda Ash	Cal Carb #	Cedar Harmac	Tiatium	Eddy	Sodium Bicarb	SW Passadine	HW Passadine	I.F. Alum	Mix Pine
8000	925	925		185							
8650	675	675		135							
19500											
38500								48	60		
					2600	40		100		650	
						4		94			
						56		63			28
74650	1600	1600		[illegible]	2600	100		305	60	650	28
			5250	48		10	80	55	2		
						56			73		
12000						66			8		
11000						55					
41000						55					
12000						15					
13000											
89000			5250	48		257	80	55	83		
11000											
8000											
35000											
22000											
29000											
105000											
9000											
26000					4200			42			
	650	650		130	1400			34			
	875	875		175				34			
	875	875		175				50			
	950	950		190				76			
6000	525	525		105				24			
41000	[illegible]	[illegible]		775	5600			260			
[illegible]9650	5475	5475	5250	1143	[illegible]200	357	80	620	143	650	[illegible]

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October

Mill D
Hydrapulper Report

Date	ASW	AHW	Riverdale	Federal	Westvaco	Passadena SW	Courtland	Celgar	Carriboo	Grand Prairie	Marathon
3		147									201
4		81									87
5		209									235
6		206									214
7		172									224
8		166									178
9		184									236
T		1165 ✓									1375 ✓
10		138									222
11		154									194
12	17	171									222
13		180									180
14		222									222
15		203									253
16		106									122
T	17	1174									1415
17		214									206
18		207							45		218
19		176									292
20		236									292
21		166									254
22		204									240
23		230									250
T		1433							45		175
24		186									222
25		76	146						60		210
26			250			113			50		127
27			246			156			24		66
28			210								210
29			174								162
30			130								102
T											
	17	11031	1156			269			179		5641

SA 066240

	W/S	II Red	Harmac	Alum	Candian	Reg. Broke	Crestbrook	Buckeye	Terrace Bay
3	–								
4	–								
5	15000								
6	5000								
7	–								
8	–								
9	5000								
10	25000								
11									
12									
13	1000							10	
14	2000								
15									
16	3000								
17								10	
18									
19									
20	16000								
21	9000								
22	–								
23	–								
24									
25	–								
26	6000								
27	7100								
28									
29									
30									
T									56
								10	56

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SA 86241

October Colors Mill C

Date	Solar Blue	Black	Blue	Red	Yellow	Orange	Intra Blue	Ponamine Green
3	315	75		5			3738	1.5
4	221	231		6			2998	1.2
5	81	163		4				
6	137	149		7	2			
7	7	56		.15	235			
8	83	67		4	290			
9	152	33		5	283			
T	996 ✓	774 ✓		46 ✓	310 ✓		6736 ✓	2.7 ✓
10	115	8		2	9			
11		3	156		187			
12	175	2			30			
13	134							
14	108	19						
15	235	24						
16	375	35						
T	1142	91	156	2	226			
17	168	42						
18	173	58						
19	136	38			60	13		
20	168	127			129	27		
21	409	123			129	27		
22	445	151			28	6		
23	238	246						
T	1737	785			346	73		
24	316	304						6
25	82	55		9	6			8
26		35		6	8		2352	5
27				20	5		3908	8
28	12	7		7	16		3608	7
29	188	131			8		3780	8
30	264	112					2424	5
T	862	644		42	43		16072	47
	[illegible]	[illegible]	156	90	1425	73	22808	50

5A 066242

NOVEMBER

Beater Room Report

Date	Blue	Solar Blue	Black	ORAnge	Yellow
10-31	327	59	130	24	
11-1	296	246	141	25	
2	666		60	21	
3	580		159	30	
4	511		148	26	
5	354		106	19	
6	543		94	19	
T	3277 ✓	305 ✓	838 ✓	164 ✓	
7	827		95	39	330
8	370		32	10	19
9	376	94	89	10	
10	220	78	42	22	
11	359		20		
12	553		68	25	17
13	570		308	57	20
T	3275	172	654	163	386
14	446		82	23	
15	277		19	11	
16	340		52	13	
17	225		134	11	
18	151		141	11	
19	140	117	152	20	
20	330	119	63	23	
T	1909	236	643	112	
21	223	298	197	24	
22	203	194	66	13	
23	221	366	172	20	
24	198	7	181	43	
25	283		209	37	
26	181		278	25	
27	346		291	28	3
	1655	865	1394	190	3
T-TN	[illegible]	1578	3529	629	389

November

Mill C.

Daily Chemical Report

Date	Alum 5.45	Clay 3960	Rosin Size 7.3	Alpha Size 8.72	Clinsize 733	Stazyme GA	TALC	Tita.	Ansilex	Defoamer 7.91	Kal. 64 8.55
10-31	774	9	98			13000		1300	1650	20	75
11-1	192	9	67			11700		1550	450	20	100
2	536	9	117			9400		2563	525	20	50
3	417	7	84	90				4000	800	20	75
4	477	9	87					1200	700	20	75
5	715	8	152					4000	1400	20	100
6	596	11	109					2775	1725	20	75
T	3707 ✓	62 ✓	714 ✓	90 ✓		34100 ✓		17388 ✓	72[illegible]	140	[illegible]
7	477	9	102					375	1075	20	75
8	560	9	118					1675	500	20	50
9	537	6	111					5525	1500	20	100
10	417	4	83					6000	1600	20	75
11	536	4	121			4900		8625	2800	20	75
12	537	7	126			2800		4025	1500	20	50
13	417	10	95			11700		450	-	20	50
T	3481	44	756			24400		26675	2175	140	475
14	536	11	102			14300		800		20	50
15	418	11	111			11700		1000	-	20	25
16	502	12	118			13000		950	-	20	50
17	358	10	124			13000		4450	1900	20	50
18	536	10	131			10400		9100	3475	20	75
19	537	10	109			11700		5250	1725	20	100
20	596	11	98			13000		3800	950	20	75
T	3483	75	793			87100		25350	8050	140	475
21	377	7	97			9100				20	75
22	576	7	101			700		550	100	20	100
23	596	7	121						1600	20	50
24	261	6	101						800	20	100
25	238	1	43							20	25
26	60	-	39		300					20	
27	238	-	33							20	
T	2246	28	535		300	9800		550	2500	140	350
[illegible]	[illegible]	[illegible]	2798	90	300	155400		69963	26775	560	1800

5A 066244

Pencote	Cargill Starch	Alum Mach.	Clay Tank	Cato Starch	calcium Chloride	Soda Ash	Iron Free Alum	Douglas STARCH
		4	4000					
		2	3800					
	3600	3	3800	1800			75*	
	6500	2	2900	1200			355	
	12000	3	3600					
	10400	4	3100					
	14300	3	4500					
	46800	21	25700	3000			430	
	11700	2	3500					
	9100	3	3800					
	9100	3	2000					
	6500	2	1500					
	300	3	1600					
		3	3300					
		2	5000					
	36700	18	20700					
		3	4800					
		2	4300					
		3	5000					
		2	4000					
		3	4300					
		3	4900					
		3	5000					
		19	32300					
		3	3100					
		2	3100					8400
		3	3000					10400
		2	2800					2900
		1	400		875	875		
		-	'		750	750		
		1	-		975	925		
		12	12400		2600	2600		21700
	83500	70	91100	3000	2600	2600	430	21700

SR 066245

[redacted]

November — Mill D Daily Chemical Report

Date	Glue	Size Tanks	Stayzme	Tita	Sodium nitrate	SALT	J-100
10-31	98	1	130	250			
11-1	98	1	112	260			
2	98	2	112	250			
3	98	1	162	260			
4	98	3	128	112			
5	123	5	192	85	45		
6	73	5	160	15	60		
T	686	18	996	1232	105		
7	98	3	192	110			
8	49	4	128	68			
9	98	4	194	72			
10	195	3	190	45			
11	49	5	160	200			
12	98	4	126	210			
13	319	3	164	100			
T	906	26	1154	805			
14	122	4	140	10	45		
15	147	4	166	17	15		
16	196	3	154	44			
17	123	2	164	71			
18	98	4	132	128			
19	72	3	194	97			
20	147	3	216	12			
T	905	23	1166	379	60		
21	172	7	180	103			
22	196	2	144	116			
23	171	4	144	240			
24	196	3	118	175			
25	98	1	144	250			
26	147	1	128	270			
27	171	1	160	270			
T	1151	19	1018	1424			

SA 066246

November Blade Coater Chemicals

Date	clay	Protein	Latex	Borax	Berset	Ammonia	TSPP	DF-122	Camel White	No Prosant	cellu cmc-7
10-31	938	1100	355	43	15	29	5	20	100	1	5
11-1	938	1600	270	56	15	42		16	50	2	
2	64	2000				71					
3	345 +43							8	50	2	
4	1238	600	220	30	15	16	13	24	100		10
5											
6											
T	3523	5300	845	129	45	158	18	68	300	5	15
7	1719	300	654	15	8	20	37	20	50		5
8	1407	900		45	23	24	15	36	150		15
9	158										
10	158									3	6
11	210									4	8
12											
13											
T	3652	1200	654	60	31	44	52	56	200	7	21
14	469	300	220	15	8	8	5	12	50		5
15	938	600	440	30	15	16	10	24	100	6	10
16	938	600	440	30	15	16	10	24	100		10
17	619	300	220	15	8	8	5	12	50		5
18	211									3	6
19											
20											
T	3175	1800	1320	90	46	48	30	72	300	9	36
21	—	—	—	—	—	—					
22	1096	600	440	30	15	16	10	24	100	3	16
23	—	—	—								
24											
25											
26											
27											
T	1096	600	440	30	15	16	10	24	100	3	16
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

SA 06247

Blade

Latex EAA 483	C-104	Kelgin	Intruite	PG-200	Tiatinum	Stride	Parasol	Berbond 23	100 HS	Foamaster	Bacote	Ch Ch
950										28	63	35
300										1	14	15
		7										
1250		7								29	77	5
	20	40	68									
					1600	120		1600		32		
					1600	8						
	20				2150	14			525			
	40	40	68		5350	142		1600	525	32		
					2200	44		2150		44		
					800	12		800		12		
	9				1300	8			225			
	9				4300	64		2950	225	56		
	9				1300	1			5			
	9				1300	1			5			
1250	58	47	68		10950	207		4550	755	117	77	5

5A 066248

Coater cont

cote	Choline Chloride	DPP 722	PG 280	930-L	Latex 6107	Berset	Poly Em-40	Latex ASE 60	Triton	GA Starch	Hydrocarb 65	Caustic Soc
3	35	110										
4	15	74	200	82	162	6						
7	50	184	200	82	162	6						
					600		88	600	22	500		
							30					
											1600	
											2150	1500
					600		118	600	22	500	3750	1500
							120					
							59	300	11			
							20	200	14	200	1900	1500
							199	500	25	200	1900	1500
												500
											1900	
											7550	

SA 066249

November

Mill C
Hydrapulper Report

Date	Marathon	Terrace	Willamette	Riverdale	PS	ASW	AHW	ultracote	Carriboo	Mapico	Intrawite
10-31	206			142	26		26				
11-1	207			131	30						
2	205			121	35						6
3	139			78	29						22
4	24			28	43		61				
5					26		102				
6	81				29		99				
T	862			500	218		288				28
7	155				31	24	149				
8	72				31	53	139		40		
9				39	42	54	115		80		
10	20			76	30	49	14		70		
11	112			38		12	10		70		
12	92			93		68					
13				122	13	68					
T	451			368	147	328	427		260		
14					42	120	52				
15	99				50	119	50				
16	236			46	36		62				
17	161			159	27	88					
18	69			65	25	84	15		85		
19				8	35	111	89		30		
20					48	96	130				
T	565			278	263	618	318		115		
21					32	16	128		65	3900	
22		18		10	51	33	39		32	3000	
23		36		96	21				24	3600	
24		33		70	25				22	3300	
25		39							26	3900	
26		45								2700	
27		30								1800	
T		201		176	129	49	167		169	22200	

SA 066250

	Broke	Calcium Chloride	Soda Ash	Cal Carb	Cedar Harmac	Tiatium	[illegible]	Sodium Bicarb	SW Passadina	HW Pass	Iron Free Alum	Brunswick
31												
1												
2						300	5				75	
3						1300	23				355	45
4									142			144
5												43
6									116			
7						1600	28		258		430	232
8												
9												
10	2500											
11	14000											
12	20500											
13	29000								41			
14	66000								41			
15									90			
16									34			
17	17000											
18	26000											
19	14000											
20							52					
21							68					
22	57000						120		124			
23	22600						95					
24	10000						114					
25	12000						132					
26	11000						120					
27	13000	875	875		175							
28	9000	950	950		190							
29	6000	975	975		195							
	83600	2800	2800		560	1600	461		124			
	206600	2800	2800		560	1600	609		423		430	232

[redacted]

SA 066251

Mill D

November Hydrapulper Report

Date	ASW	AHW	Riverdale	Terrace	Westvaco	Pass HW	Courtland	Celgar	Carriboo	G.P.	Marathon
10-31		32	128	120							104
11-1			168	95							109
2			166	90					50		114
3		6	210	36							216
4		[illegible]	189								255
5		231							30		243
6	45	238							80		177
T	45	507	861	341					160		1216
7	312	252	60								
8	240	201									9
9	194	42	130	50							40
10	240		240								
11	150		171								
12	150	60	185								24
13		83	78								254
T	1286	638	864	50							327
14		160							35		93
15		206							10		
16		228									
17			253								
18	168		205								
19	230		122			140					
20					220	150					
T	398	594	580		220	240			45		93
21	4	212			78						
22		166									
23	40	70	64	94							
24		164		90							
25		150	18	90							
26		30	106	80							
27			134	80							
T	44	792	322	434	78						
		[illegible]	[illegible]	[illegible]	[illegible]	290			205		[illegible]

SA 066252

W/S	IV Red	Harmac	Alum	Candian	Reg. Broke	Alabama	BRK	Eddy	Brunswick
17000									
7000									
8000									
-									
4000									
14000									
50000									
8000									
						63			
						61			
						78			
8000						202			
						120			
5000						300			
16000						228			
15000						263			
14000						71			
							35	153	
								198	
50000						982	35	351	
-									
-								10	172
-								28	100
-								8	146
-								36	138
-									183
									194
								82	933
108000						1184	35	433	933

[redacted]

SA 066253

NOVEMBER mil c COLORS

Date	Solar Blue	Black	Blue	Red	Yellow	Orange	Infra Blue	Panamine Green
10-31	392	121						
11-1	381	127						
2	301	118	40					
3	254	106						
4	245	78						
5	319	137						
6	601	127						
T	2493	814	40					
7	574	51						
8	235	19		4	4			
9	94	39		19	11			
10	177	43		24	17			
11		87		20	74	18		
12	269	126		2	38	18		
13	500	88						
T	1849	453		69	144	36		
14	673	78						
15	754	17						
16	518	11						
17	401	101				4		
18	60	136			423	28		
19	403	83			78	14		
20	521	114						
T	3330	540			501	46		
21	159							
22	450							
23	237							
24	140							
25							3010	6
26							3504	7
27							3830	8
T	986						10344	21
[illegible]	[illegible]	[illegible]	[illegible]	19	115	[illegible]	10244	21

SA 066254

December 1983 Beater Room Report

Date	Blue	Solar Blue	Black	Orange	Yellow
11-28	114	120	176	17	16
29	25	245	229	19	12
30	161	32	296	37	10
1	187		202	31	34
2	138	56	269	52	11
3	342		159	34	13
4	105	46	181	54	13
T	1077	499	1512	244	109
5	160		78	60	107
6	237		77	16	
7	137	261	116	24	
8	445		35	6	
9	649	41	51	8	
10	406	78	140	15	
11	514		137	34	
T	2548	380	634	163	107
12	381	67	124	23	
13	273		153	19	
14	267		135	14	
15	218		206	22	8
16	216		127	18	
17	120	120	254	29	8
18	41	267	265	27	
T	1516	454	1264	152	16
19/20	91/43	92/245	142/221	18/23	32
21/22	73 427	325 96	209 272	27 24	32 8
23/24	180		144	8	
25/26	382		120	12	
27/28	307 898	64	112 99	17 21	
29/30	291 204	51 67	278 168	24 27	23
31/1	214 263		211 163	26 16	4
	2773	940	2139	243	99

December — Mill C Daily Chemical Report

Date	Alum	Clay	Rosin Size	Alpha Size	Clinsize	Stazyme GA	Talc	Tita.	Amsilex	Defoamer	Kal. 64
	5.45	3.960	7.3	8.72						7.91	8.55
28	239	1	51		4200			3500	1125	20	25
29	238	-	64		2000			3600	1350	20	25
30	60	1	64		2000			3600	1350	20	10
1	238	1	62		2400			3200	1200	20	15
2	209	7	106					2850	1500	20	25
3	983	9	121			9000		2250	750	20	100
4	358	9	127		1600	9100		4650	1200	20	75
T	2325	28	595		12200	18100		24150	8475	140	275
5	1043	7	104			9100		3075	1050	20	125
6	834	7	139			10400		4550	2200	20	125
7	507	9	112		1700	9100		1550		20	150
8	715	8	110		1600	6500		2775	950	20	100
9	536	7	106		3200	7800		2700	600	20	75
10	715	8	116		1600	5200		2250	1000	20	125
11	418	9	138		1600	9100		2100	1050	20	75
T	4768	55	825		1700	57200		19000	6350	140	275
12	447	9	134		4700	7900		1900	950	20	125
13	357	4	137		2400	2800		8150	2400	20	150
14	298	6	117		1000			4100	1500	20	175
15	596	1	69	114	5200			15350	2950	50	225
16	418	2	62	120	5800			16025	2025	30	100
17	536	5	139	25				7375	1950	20	200
18	882	7	122					7375	1975	20	25
T	3534	34	780	259	19100	10700		60275	13750	180	1000
19/20	1195/390	5 5	92 49					5275/2400	1500 800	20 20	50 25
21/22	396 1658	6 7	107 92		1100	2400 9100		7000 12650	2000 3050	20 20	25 50
23/24	312 Down	6	84			2600		4700	3300	20	25
25/26	298	3	44		2600	100		900	200	20	25
27/28	179 298	1 4	49 47		2000 4200			2200 1850	750 250	20 20	- -
29/30	178 239	2 3	44 48		2200	6800		2625 4700	1050 1600	20 20	- -
31/1	655 596	7 7	109 142			11800 11700		6025 6175	2450 2900	20 20	25 25
T	6324	56	907		12200	44500		56200	19850	240	300
[illegible]	[illegible]	172	[illegible]	259	53200	130500		159625	48925	700	2350

10

Pencote	Cargill Starch	Alum Mach	Clay tank	Cato Starch	Calcium Chloride	Soda Ash	Iron free alum	Douglas Starch	DRY Clay
		1	400		900	900			
		1	200		825	825			
		-	300		925	925			
		1	300		700	700		8100	
		4	6600					7800	
		3	3700					4000	
		2	3700						
		12	15200		3350	3350		19900	
		6	2800						
		4	3000						
		3	3500						
		4	3600						
		4	2900						
		3	3200						
		2	4100						
		26	23100						
		2	3800						700
	2400	2	2200						
	9100	2	2600						
		3	400						
		2	800						
	6500	3	1300						
	9100	5	2118						
	27100	19	13218						700
	5200 3900	2 2	2321 3022						
	5600	2 3	3646 1768						
		2	2425 "						
		2	1400		1025	1025			
		1 1	300 1700		900 825	900 825			
		2 -	800 1300		875 725	875 725			
		4 3	2900 3600						
	14700	24	25182		4350	4350			
	41800	81	76700		7700	7700		19900	700

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5A 066257

December

Mill D
Daily Chemical Report

Date	Glue	size tanks	Starzyme	Tita	Sodium nitrate	Salt	J-100
28	171	2	160	250	60		
29	172	1	96	250			
30	172	3	112	260			
1	122	1	96	250			
2	147	5	112	200			
3	294	-	144	90			
4	123	3	152	163	45		
T	1201	15	872	1463	105		
5	73	3	100	54	30		
6	147	3	96	86			
7	98	2	132	30			
8	146	2	160	-	60		
9	98	7	128	200			
10	147	4	128	220			
11	147	4	128	230			
T	856	25	872	820	90		
12	147	4	128	200			
13	98	4	96	210			
14	147	4	128	200			
15	147	4	80	210			
16		3	128	7			
17	64	4	114	185			
18	108	4	132	70			
T	711	27	800	1082			
19 20	74 49	2 4	80 122	51 30			
21 22	73 98	2 3	120 156	36 106			
23 24	49	0	32	75			
25 26	49	1	224	100			
27 28	98 49	1 1	144 144	100 110			
29 30	49 49	2	149 68	79 191			
31 1	49 49	2	128 106	102 55			
	735	18	1503	1035			

December Blade Coater Chemicals

Date	Clay	Protein	Latex	Borax	Borset	Ammonia	TSPP	DF-122	Camel Lite	Noftcoat	Cellulose CMC 7L
28	1875		651			18	48	12			
29	1349	300	587	15	8	29	21	26	950	3	5
30	1383	600	670	30	15	39	10	42	1450	5	10
1	469	300	220	15	8	26	68	30	9150	10	30
2	469	300		15	7	8	12	18	3550	4	130
3	313	200		10	5	6	3	8	50		3
4											
T	5858	1700	2128	85	43	126	162	136	15150	22	178
5	1719	300	654	15	8	20	37	20	50		5
6	1407	900	220	45	23	24	15	36	150		15
7	938	600		30	15	16	10	24	100		10
8	1407	900	-	45	23	24	15	36	150		15
9	1407	900	660	45	23	24	15	36	150		15
10	1876	1200	880	60	30	32	20	48	200		20
11											
T	8754	4800	2414	240	122	140	112	200	800		80
12	627	300	220	15	8	8	5	12	50		5
13	368									8	15
14	938	600	440	30	15	16	10	24	100		10
15	316									15	13
16	1602	1100	792	55	28	32	10	42	900	4	205
17											
18											
T	3851	2000	1452	100	51	56	25	78	1050	27	248
19 20	469 5A	300 300	220 220	15 15	8 8	8 13	5 5	12 12	50 50	6	5 5
21 22	420									8	16
23 24	158										
25 26											
27 28	158										
29 30	313	200	145	10	5	10 8	13 18	12 8	50		3
31 1											
	2037	800	585	40	21	39	41	44	150	14	29
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	261	240	458	17150	63	535

5A

866259

Blade

Latex	C-104	Kelgin	Intramite	PG-200	Tiatiam	Strodex	Latex 401	261-LV	hydrocarb	PG-280	glycerine	Charge
	30	60	102				100	140	1000			
	22	20	34							1200		
	18									1800		2X
	12			800						200	30	
	4			300						100	30	
		1000					350	—				
	86	1080	136	1100			450	140	1000	3300	60	2X
	20	40	68									
*					2100		400					
							200					
							600					
							200			2100		
	20	40	68				1400					
	20				3750	18			3750			
	17					61			3200			
					6200							
	37				9950	79			6950			
					2200	40						
	22				4300	20			4300			
												6
												11C
	22				6500	60			4300	540		11
	165	1120	204	1100	16550 ~~16750~~	139	1850	140	12250	~~3300~~	60	14

SA 066260

Coater cont.

ycerine	Clinzyme 753	Sciptset 720	FC-807	GA starch	Poly En 40	Triton	ASE-60	Foamaster	A100HS	Caustic Soda	berland	DP-722
	2700	225	45									
30												
30												
21	2700	225	45									
				500	30	22	600	8				
									525	1500		
								60				
					170				450		3000	
												125
				500	200	22	600	68	975	1500	3000	125
					125			44			2200	
												41
				500	30	22	600	8	12 drms			
				500	15	11	300	4				
	600	40	10							1500		
	1100	74	18									
	1700	114	28	1000	170	33	900	56	12	1500	[illegible]	41
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1500	124	987	3000	[illegible]	[illegible]

SA 066261

71-30

elvanol	Sodium nit	EAA-483	Bacote	choline chloride	Da
525	175				28
					2(
					2
					31(
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					12
					13
					14
					15
					16(
					17(
					18
		350	16	17	

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		350	16	17

[redacted]

0662620 SA

December

mill C

Hydrapulper Report

Date	Marathon	Terrace	Westvaco	Riverdale	PS	ASW	AHW	Ultra Cote	Carriboo	Mapico	Intraint
28				34					16		
29				36							
30				40							
1				32							
2				146	31						
3				97	50						
4				97	49						
T				482	130				16		
5				94	42						
6				58							
7				58	27		120				
8					35		151				
9					31		104				
10			67		19		58				
11			156		11						
			223	210	165		4[illegible]				
12	132		116		25						
13	108		65								
14	114		103				4				
15			34				29				
16			34				32		120		
17			34		24		45		92		
18	114		6		15		100		92		
T	468		392		64		210		304		
19 20	87 48				16		46/27		85/55		
21 22	86 42				18 31		60/110		96 84		
23 24					29		65		60		
25 26							36		84		
27 28							16 31		64 46		
29 30							10		55 96		
31 1			36 5		36 13	57 22	79		114 84		
T	263		41		143	79	480		923		
	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]		

Broke	Calcium Chloride	Soda ash	Cal carb	Cedar Harmac	Tiatin	Eddy
	1000	1000	[illegible]	200		52
	925	925		185		72
	925	925		185		80
	700	700		140		64
						110
						193
						243
	3550	3550		710		814
						220
						188
						250
3000						178
						194
						197
						182
3000						1409
						68
23500					3000	68
31000					400	96
14500					5800	176
16000					6400	76
14000					1200	
99000					16800	484
29000						
13000/						56
						123
	1025	1025		205		6
	900 825	900 825		180 165		16 31
	875 725	875 725		175 145		20
1500						51 162
43500	4350	4350		870		465
145500	7900	7900		1580	16800.	3172

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December

mill D

Hydrapulper Report

Date	ASW	AHW	Riverdale	Terrace	Westvaco	Pass	Courtland	Calgar	Carribo	BWK	Marathon
28	86		124	8					50	116	
29	220		88								
30	74		175								
1			190								278
2	161		167								128
3	227	193									
4	211	170							15		
T	779	363	744	8					65	116	4[illegible]
5	183	70	119						60		
6			244								
7		66	190								144
8	30	40	142						50		86
9	15	122	167						25		199
10		174	36		56						252
11					312						234
T	228	472	898		378				1[illegible]		915
12	42				238						154
13	88	8			156						80
14	215	163			8						
15		233									
16	19	214							5		
17	141	144							55		
18	9										
T	514	762			402				60		2[illegible]4
19 20	66										162
21 22	72 66	4 146	66								164 166
23 24	48	142									98
25 26	42		210								18[illegible]
27 28		78	84			66 264					228 264
29 30		8 88				232 92			60		300 240
31 1		165 205							12		183 193
T	294	836	360			654			72		2178
	2015	2423	2002	8	780	654			332	116	3723

SA 066265

W/S	Eddy	Southwest	Date
–			28
13000			29
4000	207		30
13000	36		1
8000			2
1000			3
–			4
39000	243		T
10000			5
2000	320		6
13000	72		7
18000			8
7000	—		9
15000			10
13000			11
78000	392		T
112000			14
6000			15
5000			14
1000	224		15
–	206		16
–	108		17
–	228	219	18
124000	266	219	T
– 4000	306 18	210 246	19
1000 17000		228	21
			23
4000 1000			25
2000			27
– –			29
– –			31
53000	324	684	T
294000	1725	903	

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SA 866266

COLORS

Date	Solar Blue	Black	Blue	Red	Yellow	Orange	Ultra Blue	Pontamine Green
28		14			207		3348	535
29		5			216		1295	3602
30		5			210		1144	3480
1		19			202		1013	3099
2	348	94						
3	371	150						
4	358	142						
T	1077	429			835		6800	10716
5	281	205		5				
6	285	8		1				
7	290	8		4	48			
8	199	237		9				
9	151	167		6				
10	269	213		10				
11	321	213		11				
T	1796	1051		46	48			
12	341	197		10				
13	425	310		12				
14	150	92		5	115			
15	100	169		17	246			
16	64	221		24	256			
17	228	117		11	278			
18	210	107		2	109			
T	1518	1213		81	1004			
19 20	183 150	183 173		2 23	22 199			
21 22	22	48 73		49 48	325 407	23		
23 24		39		12	174	164		
25 26		110			366	164	1340	4021
27 28	245	114 76			95 180	42 18	1191 1377	3553 4104
29 30	115	33 35		1 9	8 29		1384 1208	4131 3654
31 1		51 85		19 19	116 203	50 82		
T	715	1020		182	2124	343	6497	19463
	5116	3713		309	4011	343	13297	30179

January 1984 Beater Room

Date	Blue	Solar Blue	Black	Orange	Yellow
1-2	421		128	36	
3	225	27	197	11	13
4	132	45	194	33	161
5	207	110	47	9	
6	360		166	15	
7	300		229	26	
8	210	20	134	26	65
T	1855	202	1295	156	239
9	187	4	36	23	95
10	206		90	39	3
11	234		147	35	3
12	256		150	53	49
13	392		117	35	
14	507		115	51	
15	446	37	156	43	
T	2228	41	811	279	150
16	396		61	31	14
17	75		94	36	27
18	243	106	151	34	8
19	255	41	110	49	51
20	359	108	26	39	86
21	583		33	36	
22	207	231	160	29	
T	2118	486	635	254	186
23	514		225	23	
24	428		116	17	
25	266		127	8	
26	268	87	108	8	
27	522	90	64	2	4
28	368	244	121	7	
29	498		235	31	4
T	2864	421	996	96	8
	[illegible]	1158	[illegible]	785	583

SA 866268

January — mill c Daily Chemical Report

Date	Alum 5.45	Clay 3960	Rosin size 7.3	Alaha Size 8.72	Clinsize	Stayzite GA	TALC	Tita.	Ansilex	Defoamer 7.91	Kal. 8.55
1-2	716	10	140			10400		5150	1975	20	50
3	524	8	144			10400		4675	1700	20	50
4	536	7	117			8800		4650	1400	20	25
5	536	10	129			11700		4600	1900	20	400
6	537	7	124		1800	11700		4000	1600	80	-
7	298	7	155		5400	6500	125	4000	1550	20	100
8	954	7	145			10400		2525	975	20	75
T	4101	56	954		7200	69900	125	29600	11100	140	700
9	715	10	113			10400		1500	600	20	50
10	698	6	75	30		9100				20	50
11	656	7	82	33		9100				20	50
12	536	6	75	36		6500				20	25
13	835	8	75	36		9100				20	-
14	775	8	86	36		10400				20	75
15	854	8	87	30		7800				20	25
T	5069	53	593	201		62400		1500	600	140	275
16	954	7	124	36	7400	2600				20	25
17	834	7	56	33	2200	8100				20	25
18	358	6	62	70		7800		9000	2100	20	25
19	596	6	61	27		10700				20	75
20	715	10	108			10400		2000	75	20	50
21	851	11	127			11700		4475	225	20	100
22	894	8	125			10400		5600	1200	20	75
T	5202	55	663	166	9600	61700		21075	3600	140	375
23	238	4	57		2000			2625	1125	20	25
24	179	1	34		2000			2300	1050	20	-
25	239	1	51					1600	900	20	-
26	298	1	44		4000			4150	1600	20	-
27	238	1	60		8200			3250	1275	20	-
28	596	6	128			9100		3150	1500	20	150
29	682	5	151			9100		8500	3000	20	225
T	2470	19	525		10200	18200		25575	10450	140	400

SA 066369

Pencote	Cargill starch	alum Mach	Clay tank	Cato starch	calcium Chloride	Soda Ash	ULTRA cote	Scripset 700	Nalco	Iron free alum	Dry clays	Do
		4	4200									1
		3	3500									
		3	3000									
		3	4300									
		3	3100									
		2	2700									
		5	3200				2250					
		23	24000				2250					T
		4	4200									
		-	2400					55				
		3	2900					30				
		3	2600					55	114			
		5	3400						72			
		4	3300									
		5	3300									
		24	22100					140	186			T
		5	3050									
		5	2900	400								
		2	2700							225		
		3	2400						18			
		4	4300						159			
		5	4900						156			
		5	2500						30		1500	
		29	22750	400					363	225	1500	T
		1	1900		425	425					1350	2
		1	600		950	950						2
		1	600		1000	1000						2
		3	400		900	900						2
		1	400		875	875						2
		3	2700				2750					2
		5	2300				9500					2
		15	8900		4150	4150	22510				1350	T
		91	77750	400	4150	4150	14500	140	549	225	2850	TOTA

SA 066270

January

Mill D
Daily Chemical Report

Date	Glue	size tanks	Stayzme	Tita	Sodium nitrate	SaLT	J-100	Batch counters
1-2	64	10	128	152				
3	147	6	144	210				
4	49	2	145	117	47			66
5	123	2	112	20	30			120
6	122	4	128	210				
7	49	5	144	200				
8	97	5	128	210				
T	651	34	429	1119	77			186
9	49	3	64	240				
10	49	5	96	200				
11	147	4	80	220				
12	98	4	80	210				
13	117	3	112	243				
14	98	2	148	201	36			
15	123	5	114	120	54			
T	681	26	694	1434	90			
16	73	4	102	194	9			
17	98	1	66	220				
18	98	6	126	177				112
19	196	2	130	120				
20	98	1	128	150				
21	122	1	128	125				
22	122	1	138	100				
T	857	16	688	1086	9			112
23	122	1	112	150				
24	98	1	112	100	84			
25	123	1	80	75				
26	147	1	144	150				
27	73	2	80	100				
28	98	3	160	65				
29	122	-	115	235				
T	783	9	803	875	84			

January Blade Coater Chemicals

Date	Clay	Protein	Latex	Borax	Berset	Ammonia	TSPP	DF-122	Camel White	Nopcoat	Cellulose CMC-7L
2											
3	79						9		4550	5	
4	625		217			6	23	4	3500	4	
5	782	300	328	15	8	11	13	16	50		5
6	938	600	440	30	15	16	10	24	100		10
7	938	600	440	30	15	16	10	24	100		10
8	1407	900	660	45	23	24	15	36	150		15
T	4769	2400	2085	120	61	73	80	104	8450	7	40
9											
10	962 +50	3731 +49 (1800)	440	30	15	111 +3	10	24	100		10
11	290 -100					4		10	50	2	
12	469	300	220	15	8	12	5	12	50		5
13	469+	300+	220+	15+	8+	8+	5+	12+	50+	5+	5+
14	—										
15	—										
T	1721	4031	660	45	23	127	15	46	200	2	15
16	1407	900	660	45	23	24	15	36	150		15
17	469	300	220	15	8	8	5	12	50	+2	5
18	943	300	220	15	8	8	5	12	50	7	18
19											
20	1407	900	660	45	23	24	15	36	150		15
21											
22											
T	4226	2400	1760	120	62	64	40	96	400	7	56
23	1407	900	660	45	23	24	15	36	150		15
24	860	150	326	8	4	10	19	10	50		3
25	1408		434			12	32	8		13	
26	210									4	8
27											
28	237									4	
29											
T	4122	1050	1420	53	27	46	66	54	200	21	26
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

SH 866272

Blade

Latex	C-104	Kelgin HV	Intrawite	PG-200	Tiatium	Strodex	Latex 607	PG-280	GA starch	Ase 60	Poly em-40	Tri
	6			400				100	250	300	15	11
	15	20	34	300				100				
	5	10										
	26	30	34	700				200	250	300	15	11
					+1900						NS+	
						+45		200				
						2 gt.					14	
					1500 +200	58 gal					94	
					1500	60		200			108	
					600	24					33	
	17				3200	20			500	600	30	26
	17				3800	44			500	600	63	2
	10	20	34									
	20	40	68		3200	96			500	600	206	2
	11				2150	10						
	9				1600	10			250	300	15	1
	50	60	102		6950	116			750	900	221	3
	93	90	136	700	12250	220		400	1500	1800	407	6

[redacted]

5A 066273

Coater

	Triton	glycerine	Caustic Soda	Kelgin QL	DPP-722	EAA-483	Bacote 20	Choline Chloride	Foamaster	930-L	6107	Berset 39
	11	12	1500									
		17		200								
	11	29	1500	200								
					234 +1	1179 +1	81 +3	43 +3	35 +20 +1			
					80	300	10	15	4	82	161	6
									34			
					314	1479	91	58	73	82	161	6
									12			
	22		1500									
	22		500 2000						12			
	22								64			
	11		2000									
	33		2000						64			
	66	29	5500	200	314	1479	91	58	149	82	161	6

5A 066274

Hycar 26120	Beabond 23	Scripset 720	HS 100	Hydrocarb 65
	+1900			
300				
	1700			
300	1700			
	600			
		200	450	3200
	600	200	450	3200
	3200			
			300	2150
			275	1600
	3200		575	3750
300	5500	200	1025	6950

SA 866275

January

Mill C
Hydrapulper Report

Date	Marathon	Eddy	terrace	Riverdale	PS	ASW	AHW	ultra cote	Carriboo	Mapico	Intranite
1-2		144			9		152		102		
3		55			28		193		108		
4		87		32	34		103		90		
5		147		76	34				96		
6		114		96	52				90		
7		67		150	43				102		
8		148		110	31		6		24		
T		762		464	231		454		612		
9		135	35	74	17				45	4800	
10		156	69	70	24					3600	
11		150	53	100	26				7	1800	
12		96	44	62	19				11	3300	
13		423	48	33	56				12	3600	
14		119	40		57				10	3000	
15		141	28		18				7	2100	
T		920	317	339	217				92	22 [illegible]	
16		150	44		15		59		11	3300	
17		38	40		38		114		10	3000	
18		292	67		34		80		10	3000	18
19		5	24	43	35	56	68		6	1800	
20				170		131			65		
21				90	22	137			25		
22				146	8	106			80		
T		485	175	449	152	430	321		257	11100	18
23				15					75		
24				14					70		
25				14					70		
26				20					58		
27				32					64		
28		44		89	31	40			76		
29		152		62					48		
T		196		246	31	40			461		
		[illegible]	492	1198	621	470	775		1472	22200	18

SA 066276

BROKE	calcium chloride	Soda ash	cal carb	cedar Harmac	Tiatium	Westrac	alum	Ultra cote Bag
19000								
						10		
19000						10		
20500								
26500								
12000								
11000								
12000						68		
10000						119		
7000						141		
99000						328		
20000						62		
10000								
10000					900		225	
6000								
16000								
33000								
95000					900	62	225	
	425	425		85				
	925	925		185				
	1000	1000		200				
	900	900		180				
	875	875		175				55
								190
19000								
19000	4125	4125		825				245
232000	4125	4125		825	900	400	225	245

[redacted]

SA 066277

January

mill D
Hydrapulper Report

Date	ASW	AHW	Riverdale	Terrace	Westvaco	Pass	Eddy	Celgar	Carriboo	BWK	Marathon
2	16	50	118	92							136
3	180		184	20							
4	135		142						83		
5	144		154						50		
6	180	150	30								
7	80	210					190				
8		143					241				
T	735	553	628	112			431		133		136
9		174					188		40		30
10		130							170		96
11	24	110		45	15				40		78
12	152	112		72	24						
13	165	123		72	29						
14	146	130		72	32				12		
15	126	138		72	36				69		
T	613	917		332	136		188		[illegible]		204
16	147	152		9	32				88		
17	120	120		79	25						
18	216	180		20	6						
19	188	172									
20	164	136		80	24						
21	151	125		81	36						
22	196	176		27	12						
T	1182	1061		296	135				88		
23	239	145									
24	234	150							62		
25	333	159									
26	257	175									
27	230	76	66								
28	262	158									
29	204	180	24	24			24				
T	1759	1043	90	24			24		62		
	11289	3574	718	765	271		643		614		340

SA 066278

W/S	Date
	2
	3
	4
	5
	6
5500	7
4000	8
1500	
	9
7000	10
14000	11
0000	12
3000	13
5000	14
0000	15
19000	
5000	16
—	17
5000	18
-	19
000	20
5000	21
-	22
2100	
0000	23
	24
	25
5000	26
5000	27
—	28
—	29
6000	
5500	

SA 866279

January 1984 COLORS mil C

Date	Solar Blue	Black	Blue	Red	Yellow	Orange	Intra Blue	Pottomine Green
2	120	63		20	86	21		
3	164	58		21	34			
4	150	77		21	32			
5	243	110		20	37			
6	33	111		46	32			
7	89	111		71	448			
8	295	52		8	12			
T	1094	582		207	681	21		
9	155	39						
10	402	95						
11	386	104						
12	281	94						
13	219	47						
14	134	32						
15	155	50						
T	1732	461						
16	24	29		6	129			
17	165	12		10	89			
18	174	172						
19	172	9						
20	466	18						
21	290	122						
22	347	234						
T	1638	596		16	218			
23	170	205					1208	2.25
24	168	189		3			4058	7.5
25	98	121		3			3878	8.25
26					294		3564	7.88
27		1			273		3672	7.88
28	272	74			344	49	3560	.75
29	254	23			245	5		
T	962	613		6	1156	54	16736	34.51
	5101	2257		229	2055	75	16736	34.51

SA 066288

February 1984 Beater Room

Date	Blue	Solar Blue	Black	Orange	Yellow
1-30					
31					
Ex 1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					

SH 066281

MILL C

February Daily Chemical Report

Date	Alum 545	Clay 3960	Rosin size 7.3	alpha size 8.72	clinsize	Stayzme GA	Britone	T. Ta.	Ansilex	Defoamer 7.91	Kal. 64 8.55
30	536	8	118			7800		2000	1000	20	275
31	656	7	140			10400		6350	2300	20	100
1	536	6	173			9100		6450	2650	20	150
2	715	7	134			7800		2750	900	20	50
3	537	7	124			10400		3650	1400	20	125
4	655	7	155			11700		4275	1350	20	75
5	603	6	125			10400		5600	1600	20	100
T	4238	48	969			67600		31075	11200	110	875
6	715	7	122			10400		5750	1500	20	100
7	715	5	122			10400		8500	2700	20	100
8	477	5	109			9000		5500	2000	20	100
9	775	7	122			7800		7925	2800	20	75
10	477	7	129			10400		5300	1500	20	75
11	536	7	123			9100		2450	1400	20	75
12	502	8	118			10400		3600	1900	20	75
T	4197	46	845			67500		39075	13800	140	600
13	541	9	124			10400		2300	1200	20	100
14	596	7	118			9100		3350	1000	20	75
15	477	7	178			9100		6025	1750	20	75
16	417	8	157			13000		3625	1600	20	50
17	596	9	119			10400	400	3900	975	20	100
18	596	12	167			11700		3100	1000	20	50
19	358	13	155			11700		3050	675	20	75
T	3581	65	1018			75400	400	25350	8200	170	525
20	238	3	58			2600		1800	450	20	25
21	196	-	78	36						20	15
22	238	-		39						20	20
23	60	-	-	34						20	15
24	357	8	59	36	2400	3300		700	200	20	75
25	715	8	104	48				1400	1550	20	75
26	637	5	53	36				300	150	20	75
T	2441	24	352	229	2400	5900		4200	2350	140	3[illegible]
TOTAL	14457	183	3184	229	2400	216400	400	99700	35550	560	2300

SA 066282

Pencote	Cargill starch	Alum Mach	Clay Tank	Cato Starch	Calcium Chloride	Soda Ash	Ultra cate clay		Briton clay
		3	3700						
		4	3100						
		3	2600						
		4	2900						
		3	2900						
		4	3000						
		4	2700						
		25	20900						
		4	3000				72		
		4	2500				300	Bag	
		3	2300				151		21 Bag
		4	3200				51		17
		3	3100						
		3	3100						
		3	3600				20		
		24	20800				594		38
		3	4100						
		3	3100				198		
		2	3000				276		
		3	3700				78		
		3	4000						
		3	5300						
		2	5500						
		19	28700				552		
		1	1100		850	850			
		1	-		1025	1025			
		1	-		1100	1100			
		-	-		1150	1150			
	1900	2	3300		350	350			
	9100	4	3600						
	6500	3	2300						
	17500	12	10300		4475	4475			
	17500	80	80700		4475	4475	1146		38

February

Daily Chemical Report

mill D

Date	Glue	Size Tanks	Stayzme	TiTa	Sodium Nitrate	SaLT	J-100	Batch counter
30	122	5	118	280				
31	123	2	178	241	48			
1	122	4	128	76	56			
2	49	1	84	72				
3	147	4	128	210				
4	98	4	144	200				
5	98	4	128	220				
T	759	24	908	1299	104			
6	98	4	144	200				
7	98	4	96	220				
8	147	5	126	200				
9	98	5	152	200	64			
10	98	3	176	73	90			
11	98	3	162	222				
12	98	3	160	54				
T	735	27	1016	1169	154			
13	98	4	132	90				
14	122	5	166	189				112
15	123	3	132	253				
16	122	6	80	219				
17	98	1	96	150				
18	98	9	146	150	32			
19	74	1	160	100	16			
T	735	29	912	1151	48			112
20	73	-	128	150				
21	74	4	80	138				
22	73	-	80	100				
23	49	1	80	150				
24	49	-	160	184				
25	98	-	96	286				
26	97		96	78				
T	513	5	720	1086				
	[illegible]	85	[illegible]	11705	[illegible]			112

SA 066284

MILL D -

WET STrength Hydrapulper

W/S	Dat
	30
5000	31
19000	1
—	2
7000	3
5000	4
11000	5
47000	
11000	6
3000	7
6000	8
6000	9
8000	10
8000	11
9000	12
51000	
6000	13
—	14
17000	15
6000	16
1000	17
	18
	19
4000	20
5000	21
	22
5000	23
10000	24
18000	25
4000	26

5A

066285

February

Blade Coater Chemicals

Date	clay	Protein	Latex	Borax	Berset	Ammonia	TSPP	DF-122	Camel white	Napcosart	Cellulose CMC-7L
30	1876	1200	880	60	30	32	20	48	200		20
31	1407	900	660	45	23	24	15	36	150		15
1	938	600	440	30	15	16	10	24	100		10
2	938	600	440	30	15	16	10	24	100	7	10
3	1775	900	660	45	23	24	30	36	150	9	30
4											
5											
	6934	4200	3080	210	106	112	85	168	700	16	85
6	158										
7	105										
8	469	300	220	15	8	8	5	12	50		5
9	1407	900	660	45	23	24	15	36	150		15
10	938	600	440	30	15	16	10	24	100		10
11	1407	900	660	45	23	24	15	36	150		15
12	938	600	440	30	15	16	10	24	100		10
	5422	3300	2420	165	84	88	55	132	550		55
13	1251	800	220	40	22	22	13	32	50		13
14	1251	600	440	40	15	16	13	34	100		10
15	1407	900	660	45	23	24	15	36	150		15
16	210						1			6	8
17	368						19			11	15
18	938	1600	270	56	15	42	7	20	50	2	
19											
	5425	3900	1590	181	75	104	71	122	350	17	61
20	938	1100	355	43	15	29	5	22	50	8	5
21	554	800	185	28	8	26		14	350	3	
22	938	600	440	30	15	16	10	24	100	6	10
23	469	1500	220	15	8	47	5	12	50	3	5
24	1250	1200	434			51	32	8			
25	792	300	328	16	8	16	8	14	500	2	12
26											

Used Blade

LATex 6407	C-104	Kelgin HV	Stradex	Titanium	berbond 23	foamaster	Poly EM-40	caustic soda	100 HS	hydrarb 65	ASE 60	GA
			130	2600	2600	52	141					
	20			3750				1000	525	3750		
	20		130	~~8400~~ 6350	2600	52	141	1000	~~11~~ 525	3750	~~500~~	
						15	30	1000			600	50
						10	20				400	50
							[illegible]					
						25	~~750~~ 80	1000			~~1500~~ 1000	10
350										100		
										50		
	11			1400				1000	300	2850		
	20			2450				500	525	5000		
								500				
7	31			3850				2000	825	5000		
	4		56	2100	2800	56	154					
			44	1650	2200	44	121					
			26	1000	1300	38	72					
	20	40				8						
	5	10				4						
350	80	50	256	14.950	8900	227	540	4000	1350	11750	1000	100

[redacted]

SA 066287

Coater cont.

SE 60	GA Starch	Triton	Bacote 20	A-4500 aquaquest 2120	Paracol	PG 280 483	Cloud Chloride Interwite	Lot 722
~~20~~								
00	500	22						
20	500	15						
~~00~~	1000	37	~~300~~	~~300~~				
				2				
				1				
				3				
					42			
					33	400		
			26		20		300	9
			17				300	9
			18					16
								68
								17
								150

MARCH

Mill C Daily Chemical

Date	Alum	Clay	Rosin size	Alpha Size	Clin size	Stayeme GA	Britone	Tita	Ansilex	Defoamer	Kal. 64
	345	3960	7.3	8.72						7.91	8.55
2-27	615	11	124					1800	1050	20	50
28	775	10	141				1900	4350	1700	20	75
29	354	7	166			8000	4300	9800	3450	20	50
1	596	6	119			11700	2100	9100	3400	20	50
2	491	7	81	56		6500		5450	1800	20	50
3	536	5	69	152		6500		10350	3600	20	100
4	715	7	120	48		11900		4160	2600	20	100
T	4082	53	820	256		44600	8300	45000	17600	140	475
5	477	8	139			7800		6725	2625	20	50
6	596	6	133			7900		6275	2075	20	50
7	382	5	124	65		5200		6975	1825	20	75
8	417	9	155			7800		3950	1500	20	100
9	596	9	142			7800		2625	1500	20	100
10	536	9	126			8800	1600	3975	1300	20	75
11	477	11	124					2575	1050	20	50
T	3481	57	943	65		45300	1600	33100	11875	140	500
12	487	7	111					2975	1000	20	50
13	467	9	126				2700	6300	1400	20	50
14	476	9	137					7375	1900	20	50
15	428	8	132			6400		3600	700	20	75
16	377	7	116					3525	1125	20	50
17 18	477/317	9/8	124/118					4275/7800	1725/3400	20 20	50 75
T	3029	57	864			6400	2700	35850	11250	140	400
19 20	517/418	7/7	117/132					4975/3050	2400/1400	20/20	50/25
21 22	316/398	7 8	115/138	18/		8100 10400		3500 4550	1400 1950	20 20	75 50
23 24	543/1630	6 7	111 145			9100 11700		3450 4725	1275 1400	20 20	100 100
25	178	8	148			3900		4575	1550	20	100
T	3060	50	906	18		43200		28825	11375	140	550
26 27	596 537	5 5	144 126					7525 4500	3025 1950	20 20	100 100
28 29	178 239	1 2	53 94		2000 2200			2700 2125	1200 1125	20 20	50 35
30 31	59 358	1 1	60 55					2675 2500	975 1100	20 20	15 -
1	60 2027	1 16	58 580		4200			2300 24325	950 10375	20 140	50 350

	TALC	Cargill star	Alum Mach	Clay Tank	Cato Starch	Calcium Chloride	Soda Ash	Ultra cote	Dupont Elvanol starch	Iron free Alum	Douglas starch
27	1650	10400	4	4400							
28	1450	13800	4	4300				3800			
29		2700	2	4000				6950			
1			3	3160				3150			
2			3	2640							
3			2	2000							
4			3	3200							
T	3100	26900	21	23700				13900			
5			2	3400							
6			3	2500	1500				100		
7			2	2400	900				100	56	
8			2	3600							
9			2	3900							
10		200	2	3900							
11		7800	2	4000							
T		8000	15	23700	2400				200	56	
12		7700	2	3500							
13		10400	2	3800				5400			
14		10400	2	3600							
15		1600	2	3700							3700
16		1400	1	3100							9000
17 18		10400/10400	2/2	3700/3400				11400			
T		52300	13	24800				16800			12700
19 20		9300 10700	2 2	3000 3000							
21 22		1000	2 2	3000 3100							
23 24			2 2	2700 2800				900 13200			
25			1	3600				9900			
26		21000	13	21200				24000			
27		16500 10400	2 2	2500 2300				2700 4800			
28 29			0 1	500 800		925 1075	925 1075				
30 31			0 1	400 400		975 975	975 975				
1		16900	0 6	200 7100		1000 4950	1000 4950	7500			
	3100	125100	6	100500	2400	4950	4950	62200	200	56	12700

March

Mill D
Daily Chemical

Date	Glue	size tanks	Stayzyme	Tita	Sodium Nitrate	SALT	J-100	753-100#
27	98	2	86	186				
28	49	1	112	178	16			
29	49	1	144	126	77			
1	98	1	102	107	48			
2	123	4	54	200				
3	122	4	128	210				
4	49	5	128	190				
T	588	18	754	1197	141			
5	49	6	90	230				
6	98	5	112	220				
7	98	6	96	210				
8	98	6	144	200				
9	49	-	168	100				
10	98	1	132	150				
11	98		144	75				
T	588	24	886	1185				
12	97	2	98	178				
13	98	3	80	276				
14	95	3	64	210				
15	73	2	96	174				
16	74	3	112	100				
17	73	1	128	150				
18	74	-	36	100				82
T	584	14	614	1188				82
19 20	73/49	1/2	128/112	100/140	15/60			
21 22	123/171	2/2	96/112	100/75				
23 24	98 147	2 3	146 146	143 131				
25	147	3	128	100				
T	808	15	867	789	75			
26 27	147 98	4 1	144 86	210 230				
28 29	146 98	2 2	112 64	337 240				
30 31	98 147	4 -	80 80	210 100				
T	98 852	- 13	46 662	210 1543				

W/S	Da
-	27
5000	28
9000	29
2000	1
-	2
8000	3
5000	4
29000	T
-	5
16000	6
8000	7
16000	8
23000	9
10000	10
15000	11
88000	T
1000	[illegible]
-	[illegible]
5000	[illegible]
6000	[illegible]
5000	[illegible]
17000	17
6000	T
18000 8000	19
1000 3000	21
36000	23
4000 7000	2
2000 5000	T
1000	26
-	28
11000	2/2
189000	

[redacted]

SA 066292

Blade Coater

Date	Clay	Protein	Latex	Borax	Berset	Ammonia	TSPP	DF-122	camel white	Noprocent	cellulose CMC-7L
27	331	400			2	11	8	4	50	6	6
28	420	400			5	10	16			11	16
29	938	600	440	30	15	16	10	24	100		10
1	1108	600	540	30	15	26	10	32	700	2	10
2	1363	600	690	30	15	41	10	44	1600	5	10
3	469	300	220	15	8	8	5	12	50		5
4											
T	4629	2900	1890	105	60	112	59	116	2500	24	57
5	1407	3300	660	45	23	102	15	36	150		15
6	938	600	440	30	15	22	25	36	100		10
7	938	600	440	30	15	34	55	60	100		10
8	1251	800	145	40	20	32	13	34	150		13
9	469	300		15	8	8	23	12	9100	10	5
10											
11											
T	5003	5600	1685	160	81	198	131	178	9600	10	53
12							9		4550	5	
13							7		3500	~~14~~ 9	
14	1051	500	461	26	13	26	8	24	800	~~4~~ 10	20
15	305							10	50	2	
16	158	400			2	11	8			5	6
17 18											
T	1514	900	461	26	15	37	32	34	8900	~~30~~ 31	26
19 20	1149/1407	600 900	440 240	30 45	17 23	16 34	21 15	24 52	400 750	9 4	18 15
21 22	1703/1533	600/600	800/660	30/30	15/15	61/51	10/10	60/52	2800/2200	18/14	10/10
23 24	938	600	440	30	15	16	10	24	100		10
25											
T	6730	3300	3080	165	85	178	66	212	6250	45	63
26 27	1407 1407	900 900	660	45 45	23 23	24 24	15 15	36 36	150		15 15
28 29	938 941	200	217 217	10	5	11 6	19 33	12 4		14	3 13
2/25	480	300	220	16	8	13		10	500	2 7	12
	5173	2300	1314	116	59	78	56	98	650	23	58
T	23049	15000	8430	572	200	603	344	628	27900	133	257

SA 066293

PG 280	C-104	Kelgin	Strodex	100 HS	Latex 930 L	Latex 6107	Berset 39	Hydrocarb 65	Titanium	EAA-483	choline chloride	Bacc
100	9			225	40	100	3	2150	1050			
	22			600				5700	2800			
800	8											
2000	20											
2900	59			825	40	100	3	7850	3850			
										600	18	51
						400						
200		300				200		50				
200		300				600		50		600	18	1
100	6											
100	5		30						1500			
	5	14	35						1800	550	26	24
200					73	143	5					
	7			250				2100	1050			
400	23	14	~~30~~ 65	250	73	143	5	2100	~~2550~~ 4350	550	26	25
100 2000	12 8			325				2850	1400			
3600 ~~2800~~	36 ~~28~~											
~~10500~~ 9600	84			325				2850	1400			
						600		150				
	10 27	20 20	40 16			145		33 4300	2900			
									1250	330	16	18
	27	40	56			745		4483	5150	330	16	17
13,300 ~~1000~~	203	354	121	1400	113	1588	8	17333	13950	1480	60	1

[redacted]

Line Chloride	Bacote 20	Foamaster	FC-807	Scriptset 720	Clinoize 753	PG-200	glycerine	Aquaquest 2120	Berbond 23	Poly EM40	Paracol	Intrauite pura
3	51	24										
			15	75	900							
			45	180	2700							
						800	39	1				
	51	24	60	255	3600	800	39	1				
						400	12					
		40				300	20		2000	80	60	17
0	24	48							2400	96	72	
0	24	88				700	32		~~2600~~ 4400	~~80~~ 176	~~60~~ 132	17
		22						.25	1600	64	48	
												34 34
	18	50 4							2500	100	75	
	18	86						.25	4100	164	123	68
	[illegible]	[illegible]	[illegible]	255	[illegible]	[illegible]	[illegible]	125	[illegible]	340	255	85

SA 066295

DPP-722	Sodium Nitrate	Hydracarb 30	Latex P-376	Ultra Cote clay
275				
275				
	2400	500		
	2400	500		
			1150	400
				650
150				
150			1150	1050
425	2400	500	1150	1050

January 1983 Beater Room Report

Mill D

rte	Blue	yellow	Solar Blue	Black	orange
3-83	439	53	25	83	1
4	232	27	81	57	
5	339		73	76	7
6	293		202	210	19
7	227		149	291	35
8	302	33		226	30
9	357	46		146	42
10	333	50		131	49
11	189	2	186	110	11
12	362			58	10
13	478	44		20	13
14	401	11		147	26
[illegible]	74	36	139	112	31
[illegible]	267	5		125	23
[illegible]	201	265	161	200	42
[illegible]	316		252	167	14
[illegible]	235		127	198	13
[illegible]	220	3	139	120	6
[illegible]	264	3		116	10
[illegible]	162	5	24	134	21
[illegible]	185	2	61	202	12
[illegible]	185	16	94	112	7
25	435	39		42	14
26	300		15	92	4
SUBTOTAL	6796	640	1728	3175	440
[illegible]					
27	322		67	105	5
28	159		67	112	5
29	175	136	59	149	36
30	744	8		221	15
[illegible]	1400	144	193	581	61
[illegible]					
[illegible]	8191	784	1921	3762	501

SA 066297

MILL

January DAILY Chemical Report

Date	Alum 5.45	Clay 3960	Rosin Size 7.3	Stalak R-130	Clinsize 753	Stazyme GA	TALC	Tita	Ansilex	Defoamer 7.91	Kal 64 8.55
1-3-'83	907	12	171		4200	9300	700	4300	1300	20	50
4	715	13	161			10400	800	4450	1050	20	50
5	536	15	139			9100	525	2900	525	20	50
6	537	15	146			3300	350	875		20	50
7	715	14	150				2100	5825	1475	20	75
8	834	11	186				750	4675	1175	20	50
9	496	4	232							20	50
10	596	3	232							20	75
11	655	6	258			2600	350	3400	1025	20	75
12	537	11	162			7800	1650	5825	1725	20	75
13	834	12	158			9100	1750	6450	1275	20	50
14	589	12	151			9100	800	2650	400	20	50
15	956	14	141			10400	800	3800	900	20	50
16	655	7	88			5200	1500	6900	1550	20	50
17	537	8	84			6500	950	2800	250	20	50
18	834	15	143			7800	375	1575	-	20	50
19	656	13	158			6500	525	1950	525	20	50
20	658	11	157				1050	3325	675	20	50
21	417	8	142			5000	1400	3850	350	20	50
22	537	4	155			7800	1325	4625	1075	20	75
23	477		154			5300	1150	3450	1150	20	100
24	655	6	125			3900	300	1200	300	20	150
25	179	-	271							20	25
26	-	-	19							20	
Sub Total	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	480	[illegible]
27	237	-	7		2200			3000	3000	20	-
28	179	-	8					5250	3900	20	-
29	-	-	6	1200	2200		200	1000	300	20	-
30	179		5		2200	1500	800	3800	1000	20	
		—	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	8200	[illegible]	—
	82333#	847440#	27806#							5062#	11970#
TOTAL	15107	214	3809	1200	10800	120600	20150	87875	24925	~~680~~ 640	1400

5A 066298

8.72/gal

Alpha Size	Bargel Starch	Alum Mach	Clay Tank (10)	[illegible]	Calcium Clor.	Soda Ash	Dry Clay	National Coto 16	Clinton 345-D	National Coto	Penford Gum	Date
		6	4400									1-3-
		4	5000									4
		3	4800									5
	7100	3	4500									6
	9100	4	4200									7
	7800	5	3700									8
	6500	3	900									9
	5200	4	1000									10
	5200	4	1800									11
		3	3200									12
		5	3400									13
		4	3700								800	14
		5	4600									15
		3	2000									16
		3	2100									17
		5	4800									18
		4	4100									19
		4	3800					200	6400			20
35		2	4200						1500	1000		21
		3	1000				2700					22
		3					17650					23
		4	3300				4050					24
		1	-		800	800*						25
					900	900						26
35	40900	8[illegible]	7[illegible]		17[illegible]	17[illegible]	24400	200	77[illegible]	1[illegible]	[illegible]	Sub T
		1	-		1050	1050						27
		1	-		750	750						28
		-	-		1075	1075						29
		1			900	900						30
-	-	3	-		3775	377[illegible]						
35 (305)	40900	88	70500 (705000*)	1206879	5475	5475	24400	200	7900	1000	800	

Color 22703

Total 1206879

[redacted]

SA 066299

MILL D

January

Daily Chemical Report

te	Glue	Size Tanks	Stayzme GA	Clinco	Tita	Sodium Aluminate	Salt	J-100	Size Rasin
-83	171	2	224		146				
1	122	4	1660		72		30		
5	123	2	144		42		10		
6	196	5	192		42				
7	196	3	112		170				
8	171	3	160		200				
9	196	4	130		210				
0	98	6	128		230		39		
1	122	5	128		200		39		
2	171	5	176		190				
3	97	5	224		200				
4	221	5	144		189				
5	196	4	188		182				
6	171	2	170		125				
7	147	3	166		117				
8	147	-	150		137				
9	147		144		133		52		
0	172	4	144		302				
1	146	1	136		250				
2	171	1	198		260				
3	245	-	176		240				
4	196	1	190		260		38		
5	196	1	144		250		34		
6	196	1	158		260				
Total	4014	6	3872		4407		142		
7	172	1	160		250		26		
8	170	4	144		99				
9									
0									
	4356	72	4196		4756		268		

5A

066300

Blade Coater Chemical

January

Date	Clay HT.	Protein	Latex 620	Borax	Berset	Ammonia	Ts PP	DF 122	Choline Chloride	Bacote	Latex 483
1-3-83	938	1600	270	56	15	42		24			
4	938	1100	355	43	15	29	5	24			
5	938	600	440	30	15	16	10	4			
6	938	600	440	30	15	16	10	24			
7	469	300	220	15	8	8	5	12			
8	1067	300	220	15	8	8	5	24			
9											
10	469	800	135	28	8	21		12			156
11	1407	900	660	45	23	24	15	36			
12	469	300	220	15	8	8	5	12			
13	938	600	440	30	15	16	10	24			
14	938	1800	440	30	15	55	10	24	9		300
15	1851	200	610	10	5	26	36	18	17	16	350
16											
17	625		217			6	16	4			
18	1094	800	352	28	8	27	16	16			
19	1717	900	770	45	23	28	24	39			
20	1407	900	660	45	23	24	15	36			
21	2402	200	1322	10	5	12	19	36			
22											
23											
24	732		480					12			
25	1670	600	920	30	15	16	10	36			
26	938	600	440	30	15	16	10	24			
Sub Total	[illegible]	[illegible]	[illegible]11	535	[illegible]	398	221	441	26	16	[illegible]
27	1407	900	660	45	23	24	15	36			
28	1427	1600	551	63	23	24	8	40			
29											
30											
	24779	15600	10822	643	285	446	244	517	26	16	806

SA 066301

Blade

Camel white	Nopcosant K	cellulose CMC-7L	Latex 722	DC-111	Latex 6107	PG-280	Kelgin NHV	Kelgin QL	FC-807	Hydrocarb 65	Titanium Dioxide
50	2										
50	1	5									
100	3										1460
100		10									
50		5									
100	7	18		18						3400	3330
	1										
150		15									
50		5									
100		10									
100		10									
300	3	8	139	22	83	100	44				
				10			20				
50	1			10			20				
150		15		6			11				
150		15									
50	18	3		58			20	54		7500	
	9			24			27			3750	
100	9	10		24			27			3750	
100		10									
1750	54	139	139	172	83	100	169	54		18400	4790
150		15									
150	6	8									760
2050	60	162	139	172	83	100	169	54		18400	5550

C

Paracol

Coater cont.

Titanium Dioxide	Paracol	ATLas	Glycerine	A 100-HS LATex	Berbond	Elvard	Berset	Pencor	cellosize	PG 200	sodium Nit.	Hyl[illegible]
1460												
3330				300								
4790				300								
760												
5550				300								

SA 066303

MILL C

January — Hydrapulper Report

Date	carbonate Broke	westvaco 332	Riverdale	ASW 502	P.S.	TOTAL Pulps ~~ALL~~	Harmac 504	Celgar 461	Eddy 445	Cariboo 476	437
1-3-83				49	45					60	60
4			71	96	55					76	20
5			80	128	48			32			
6			120	100	43						
7			72	100	48			40			
8			115	103	52			51			
9			41	82	41			70			
10			50	101	50			30			
11			95	87	36			75			
12			54	59	34			55			
13			46	59	17			60			
14			101	169				53			
15			145	107	50						
16			84	72	18						
17			95	73	22						
18			161	115	22						
19			111	61	51			44			
20			90	83	47			64			
21			14	133	27			67	21		
22			80	71	44			64			
23			98	49	49			60			
24			88	44	44			55			
25							160	55			
26							180	40			
SubTotal			1811	1941	543		340	715	21	1.6	
27			10				210	50			
28	2000	7					150	55			
29	3000	6		6			215	54			
30		23		23			180	62			
	5000	36	16				755	221			
			1821	1970			1095	1136			
T.T.	5000	1152	21112	094850		3111045	551880	572010	9245	1473	37587

SA 066384

Broke	Calcium Chloride	Soda ASH	Bags Mapico	(CHAM) 528 Pasadena	Cal. Carb. bags	bags Staylock	508 St. Croix Prima	gal. Intra white	Bags Dry Clayc	Bags Anzilex	Tita Bags AX	Date
				56								1-3-8
												4
												5
												6
												7
1000			12									8
7000			84									9
6000			36									10
												11
												12
					84	8						13
3000							18	12			12	14
												15
												16
												17
2000												18
												19
												20
												21
1000			48									22
000			72						294			23
000			66						51			24
000	800	800	66									25
3000	900	900	48									26
[illegible]	1700	1700	[illegible]	[illegible]	[illegible]	8	18	12	345		[illegible]	Sub To
	1050	1050								60	[illegible]	27
	750	750			96	16				52	68	28
	1075	1075			144	24						29
	900	900										30
	[illegible]						✓		[illegible]	112	14	
29000	5475	5475	432	29568 ✓	324	48	9144 18	12	345	112	140	TOTA

[redacted]

MILL D

January Hydrapulper Report

Ax	Date	ASW	AHW	Riverdale	G P Pairie	Westvaco	Reg. Broke	IV Red	Celgar	Carriboo	[illegible]	Terrace Bay
	1-3-82	198	114	40								80
	4	200	62	63						119		
	5	268	102	15						44		
	6	268									160	
	7	256	128									
	8	250	142						16			
	9	160	94	41					56	81		
	10	182	72	61					26			12
	11	195	129	56					48			9
	12	195	112									
	13	181	12	223								24
2	14	134	28	116					32			68
	15	156		204					24			72
	16	174	210						12			36
	17	174	115						20			63
	18	128	20	84					22			56
	19	87	138	12					95			40
	20	143	143						30			33
	21	155	98	36					24			[illegible]
	22	210	28	147					7			
	23	109		158					55			65
	24	125	56	110					54			29
	25	157	66	136					77			12
	26	101		6		228			51			40
2	Sub Total	4206	1869	1508		228			649	244	160	610
	27	84	114			42			55			40
8	28	100	138						50			40
	29	96	131						45			36
	30	36	4						15			12
	S.T	316	387			42			16			[illegible]
		4522	2256	1508								
	TOTAL	[illegible]	1148304	7520116		891-40			375254	116144	81440	[illegible]

SA 066306

528

W/S	Courtland	Willamette	Alum	Canidian	Pasadena	Crest brook	Chopper	Pine	Eddy	Weyerhauser HW	Weyerhauser Roll
6000											
										69	
11500										28	
17000											
7400					13						
10000					31						
7000					55					82	
					84						
9000					18						
8000											
2000											
									96		
									74		
10000					12						
5000					23						
					23						
					35						
3000					21						
					22						
2000					20						
					49						
97900					406				170	179	
11000					36						
12500					32						
					28						
	90				14						
					110						
121400	46170				272448				75650	78223	

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Sub

SA 066307

January

45 COLORS

Mill C

Date	Solar Blue	Black	Blue	Red	yellow	Intra Blue	Poran P green	Dry ORange	Mapico
1-3-83	17	69		6	11				
4	497	226		9					
5	301	215		6					
6	305	206			8				
7	361	173		5	11				
8	15	98		16	30				
9	13	63							
10	5	78			5				
11	24	69		5	16				
12	192	89			66			6	
13	373	253							
14	104	152		2	14				
15	218	387			15				
16	179	357		7					
17	187	239		11	3				
18	91	98		2	3				
19	135	85		2	35			7	
20	195	223		5	112			23	
21	31	105			113			21	
22	221	193		9	84			14	
23	221	105		2					
24	100	33		2					
25	-	-				3196	6		
26						3972	7.5		
Sub Total	3785	3516		89	526	7168	9.1	71	
27	26					4224	7,875		
28	18					2768	412.875		
29				2	2	1356	4067		432 x 50
30				14	2	1147	3441		
Sub T	44			16	4	1495	7920.25		
	239	220		7	32	104	496	4	21600
	[illegible]	3516		105	530	1663	7942.25	71	

TOTAL 22703

[illegible] ÷ 16 = 1070 + MAPICO

5A 066308

✓ = Double checked W/T = Weekly TOTAL S/T = Sub TOTAL

Febr

Date
1-31-83
2-1
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S/T
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S/T
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[redacted]

February

Beater Room Report

MILLO

Date	Blue	yellow	solar Blue	Black	orange
1-31-83	463			213	16
2-1	316			53	2
2	231			86	11
3	323			199	16
4	308		201	218	
5	228	133	10	178	32
6	254	100		116	37
S/T	2123 ✓	233 ✓	211 ✓	1063 ✓	114 ✓
7	400	52		151	29
8	158	14		220	28
9	292	17		99	9
10	228	180		41	28
11	226	49		191	33
12	259	44	123	173	29
13	583	1		153	2
S/T	2146 ✓	357 ✓	123 ✓	1028 ✓	158 ✓
14	331			234	10
15	242			93	4
16	265	68	111	163	31
17	112	25	152	94	18
18	205	14		33	8
19	265	54		99	36
20	265	53	54	167	19
S/T	1685 ✓	214 ✓	317 ✓	883 ✓	126 ✓
21	143	47		1666	16
22	217	158	8	231	24
23	275		170	275	6
24	419			307	6
25	293	5		328	10
26	216	3		335	15
27	277	68		276	20
ST	1840 ✓	281 ✓	178 ✓	1918 ✓	97 ✓
T.T.	7794 ✓	1085 ✓	829 ✓	4892 ✓	495 ✓

MILL C

February 1983 Daily Chemical Report

Date	Alum	Clay	Rosin Size	Staysize 1121	Clinsize 753	Stazyme GA	Talc	Tita	Ansilex	De-foamer 7.91	Kal 64 8.55
1-31-83	655	9	97			3800	825	3775	1125	20	
2-1	437	8	111				1475	5325	1125	20	25
2	357	6	83				550	2025	675	20	
3	616	8	163		4100		2700	9525	2175	20	50
4	755	8	139		4400		150	500	150	20	50
5	537	6	152				400	800	400	20	50
6	357	5	135				950	2750	950	20	50
S/T	3714 ✓	50 ✓	880 ✓		8000 ✓	[illegible] ✓	[illegible] ✓	[illegible] ✓	[illegible] ✓	✓	✓
7	626	6	139				650	1950	650	20	50
8	477	5	142				725	3500	725	20	50
9	656	6	160				675	2400	300	20	25
10	476	7	164				1050	6750	1100	20	50
11	537	8	148				1650	8750	2100	20	50
12	655	4	140			7000	1100	6100	1200	20	50
13	358	1	110			2600	650	2800	650	20	50
S/T	373 ✓	37 ✓	1062 ✓			[illegible] ✓	[illegible] ✓	[illegible] ✓	[illegible] ✓	✓	✓
14	307	1	104	450		1300		1750	450	20	
15	357	4	116			2600	550	3850	550	20	50
16	358	4	148			3900	700	2600	700	20	50
17	477	5	198			5200	750	3000	750	20	50
18	357	4	169			3900	750	3700	750	20	50
19	358	7	163		2000	6500	700	4150	1000	20	50
20	536	9	160		2200	7800	500	3000	700	20	50
S/T	2750 ✓	34	1058 ✓	450 ✓	4200 ✓	31200 ✓	3950 ✓	22050 ✓	4400 ✓	140 ✓	300 ✓
21	477	6	178		1200	7500	1800	4400	1600	20	50
22	464	7	156	1125	6000			6750	1125	20	50
23	537	7	149		8800		525	3450	525	20	50
24	655	7	127			6500	1200	8250	1200	20	50
25	545	6	114		1400	5200	1200	10750	2400	20	25
26	477	5	87			7800	1825	9300	2100	20	50
27	536	6	68			7800	2450	10200	2150	20	50
ST	3691 ✓	44 ✓	879 ✓	1125	18000 ✓	35300 ✓	9000 ✓	53100 ✓	11100 ✓	140 ✓	325 ✓
TTM	[illegible] ✓	165 ✓	2820 ✓	1575 ✓	30700	79900	26500	132100 ✓	29325	560	1175

7873 * 653400 27886 44429

1 1 0 2 8 8 6 5 1 1 5 H

Feb

Nalco	Cargill Starch	Alum Mach	Clay Tank	Cato Starch	Calcium Chlor	Soda Ash	Alpha Size	Clinton 753-B	Dry Clay	Douglas Starch	Steeley Talc	Date
		3	2600		75	75				2700		1-31
		3	2700							9100		2-1
		2	2500							6500		2
		4	2800							7800		3
		4	3500							2600		4
		3	2300							6500		5
		2	2100							6500		6
		21 ✓	18[illegible]0 ✓		75 ✓	75 ✓				41[illegible] ✓		W
		4	2600							6500		7
		3	2400							7800		8
		4	2800							7800		9
		3	3100							7800		10
		3	3400							10400		11
		4	1900							800		12
		2	500							41[illegible] ✓		
		23 ✓	16700 ✓									W
		2	1500	400			gal.					
		2	1900	2000			60					
		2	1400									
		3	1900									
		2	2100									
		2	2600									
		4	3500									
		17 ✓	14900 ✓	2400 ✓			60 ✓					W
		2	2500									
		3	2600 *				*					
		3	2700									
		4	2800				42					
		3	2200				48					
		3	1900				18					
		3	2500									
—	—	21 ✓	17200 ✓	—			108 ✓					
		82 ✓	67300 ✓	2400 ✓	75 ✓	75 ✓	168 ✓			82800 ✓		To

Total 67300

14465

Cato 42350

112050

SA 066312

MILL D

February

Daily Chemical Report

Date	Glue	Size Tanks	Size Basin	Clinco	Tita	Sodium Aluminate	Salt	J-100	Stayzine
1-31	165	2			58				128
2-1	196	2			65				144
2	171	2			138				176
3	147	2			245				208
4	172	5			200		26		176
5	171	5			210		39		156
6	123	6			200				208
W/T	1145 ✓	24 ✓			111[illegible] ✓		[illegible] ✓		[illegible] ✓
7	171	4			230				176
8	98	4			200				112
9	123	6			200		39		160
10	97	7			210		52		176
11	98	4			195				224
12	73	2			245				160
13	74	1			239				144
W/T	734 ✓	28 ✓			[illegible] ✓		[illegible] ✓		[illegible] ✓
14	122	1			226				160
15	49	1			99		13		160
16	49	2			159				112
17	49	2			159				112
18	74	1			250		45		124
19	73	2			260		5		124
20	123	2			270				144
W/T	539 ✓	11 ✓			1423 ✓		63 ✓		[illegible] ✓
21	98	2			250				106
22	98	1			250				142
23	74	1			270				160
24	98	1			250				144
25	98	2			254				144
26	98	3			280				136
27	98	2			278				122
ST	662 ✓	12 ✓			1832 ✓				954
[illegible]	[illegible] ✓	75 ✓			5890 ✓		219 ✓		4238 ✓

42358

[illegible]

SA 066313

February

Blade Coater Chemical

Date	Clay HT.	Protein	Latex 620	Borax	Berset	Ammonia	TSPP	DF 122	Choline chloride	Bacote	EMA Latex
1-31	82							8			78
2-1	551	300	220	15	8	8	5	12			156
2	1407	900	660	45	23	24	15	36			
3	1388	500	761	25	13	14	8	28			
4	1876	1200	1474	60	30	32	20	60			
5											
6											
W/T	5204 ✓	2100 ✓	3115 ✓	145 ✓	[illegible] ✓	78 ✓	48 ✓	[illegible] ✓			
7	469	300	220	15	8	8	5	12			
8	938	600	440	30	15	16	10	24			
9	1407	900	660	45	23	24	15	36			
10	938	600	440	30	15	16	10	24			
11	1544		830			12	32	16			
12											
13											
W/T	[illegible] ✓	2[illegible] ✓	[illegible] ✓	126 ✓	61 ✓	76 ✓	72 ✓	112 ✓			
14	1407	900	660	45	23	24	15	40			
15	1822	1200	880	61	30	35	15	46			
16	963	600	440	30	15	16	10	24	9	8	175
17	1407	1400	575	58	23	37	10	36			
18	2169	2900	525	78	35	84	20	56	9	26	300
19											
20											
W/T	7768 ✓	7000 ✓	3080 ✓	272 ✓	126 ✓	196 ✓	70 ✓	262 ✓	18 ✓	34 ✓	117
21	2188	600	874	30	15	28	42	32			
22	1250		434			12	32	8			
23	1500	200	566	10	5	18	32	16			
24	287					8			28	27	580
25	469	300	220	15	8	8	5	12			
26	938	600	440	30	15	16	10	24			
27											
ST	6632 ✓	1700 ✓	2534 ✓	85 ✓	43 ✓	90 ✓	121 ✓	92 ✓	28 ✓	27 ✓	580
TOTAL	[illegible]	11000 ✓	11219 ✓	1072 ✓	304 ✓	440 ✓	311 ✓	552 ✓	46 ✓	101	1289

SH 066514

Blade

Co

Parac

camel white	NoPcosant K	cellulose CMC-7L	Latex 722	DC-111	Kelgin qV	Kelgin HV	calgon t	clinsize	FC-807	Hydrocarb 65	Tita dioxide
	7	9		12						2150	3095
100	5	13		12						2150	2400
100		15								3100	
100	6	8		20	22						
200	9	20		30	33					4650	
[illegible] ✓	27 ✓	65 ✓		74 ✓	55 ✓					12[illegible] ✓	[illegible] ✓
50		5									
100		10									
150		15									
100		10									
	6			40	22	40				3000	
400 ✓	6 ✓	40 ✓		40 ✓	22 ✓	40 ✓				3[illegible] ✓	
150		65									
650	3	52	88								
100		10									
100	1	10									
250	1	20		4							
1250 ✓	[illegible] ✓	157 ✓	88 ✓	4 ✓							
100		10		20		40					
				20		40					
300	1	8	53	20		40					
50	1		174								
50		5									
100		10									
600	2 ✓	3[illegible] ✓	227	60 ✓		120 ✓					
12750 ✓	40	295	315	178	77	160				15050	5495

[redacted]

5A 066315

Coater con't

oxide	Paracol	ATLAS	Glycerine	Latex A-100 115	Berbond	Elvandl	Berset	Pencor	Latex 930L	PG 280	Latex 6107	Nopcocid 121-B
095				200								
400				200								
												1
1 1				100 1								1
						150				600		1
						75				300		1
										1200		1
x						225 1				2100 1		3 1
								97		100	95	
								97		100 1	95 1	
105				400		225 1		97 1		2200 -	95 -	4

SA 866316

February 83 · MILL C Hydrapulper Report

Date	James River	Westvaco 307	Riverdale 472	ASW 510	P.S. 512	AHW 504	Harmac 461	Celgar 530	Pasadena Pine 476	[illegible]	Federal Astrace
1-31-83		58	30	78	7		15	32			
2-1		127		81	29			44			
2		52		65	27	31		44			
3		39		86	27	185		68			
4				63	47	142		55			
5				52	43	119		65			
6				70	32	70		60			
W/T		276 ✓	[illegible] ✓	[illegible] ✓	212 ✓	517 ✓	[illegible] ✓	[illegible] ✓			
7				69	34	113					
8				30	24	122		35			
9				57	45	106		58			
10				45	45	152		85			
11				38	38	126		60			
12				76	28	66		70			
13				80	20	32		60			
W/T				[illegible] ✓	234 ✓	717 ✓		[illegible] ✓			
14				51	17	82		65			
15				110	12	29		60			
16				96	9	24		60			
17				144		27		70			
18				112		11		45			
19				68				78	30		
20					38			80	79		87
W/T				581 ✓	76 ✓	113 ✓		458 ✓	109 ✓		89 ✓
21					19			74	138		36
22					9			145	30		30
23			57	35	19			95	29		6
24			43	140				75			
25			46	150				80			
26			46	150				80			
27			38	135				55			
W/T		276	230 ✓ 260	610 ✓ 2081	47 ✓ 569	1377	15	604 ✓ 1798	197 ✓ 306		71
		[illegible]	[illegible]	1061310	569	705024	7560	828878	162180		161

SA 066317

Broke	Calcium Chloride	Soda Ash	Mapico	Federal MW	Talc Bags	Intra white	Plum	Ansilex Bags	Tita Bags	Corndex SW	Corndex MW	Date
15000	75	75										1 31
17000												2-1
4500												2
												3
3000			3300									4
3000			3900									5
2000			3600									6
1500 ✓	75 ✓	75 ✓	10800 ✓									W 1
23000			3600									7
4000			2100									8
												9
												10
								4	8			11
1000			2800					4	8			12
2000			4200									13
7000 ✓			127-0 ✓					1 ✓	1 ✓			W 1
9500			4150									14
2000			3600			24	12		24	18	30	15
5500			3600									16
0300			4200	14								17
3500			2700	26								18
7500				91								19
				16								20
3500 ✓			18250 ✓	147		24 ✓	12 ✓		41 ✓	18 ✓	30 ✓	W 1
				14								21
6500				17								22
3000				23								23
												24
												25
					9							26
					27							27
1500 ✓				54 ✓	46 ✓							W 1
44500	75	75	41750	1047 21	46	24	12	8	40	18	30	

521

521 - 1886.02

521 × 16 = 8336

Total Bags 316/0026

SA 866318

February

MILL D
Hydrapulper Report

Date	ASW	AHW	Riverdale	G.P. Pairie	westvaco	Rog. Broke	IV Red	Celgar	Carrib.	[illegible]	Terrace
1-31	100							40			32
2-1	160										
2	131	47									
3	191	143									
4	108	168									30
5	138	182									46
6	148	62	134								24
W/T	476 ✓	602 ✓	[illegible] ✓					40 ✓			[illegible]
7	156	60	136								22
8	141	40	90					60			20
9	106	132	51								41
10	125	167						68			5
11	138	152						22			
12	140		30		186			22			
13	132	56			162			20			
W/T	[illegible] ✓	[illegible] ✓	[illegible] ✓		[illegible] ✓			[illegible] ✓			
14	105	154						32			
15	109	70						22			
16	129							22	40		
17	120		96					8	12		
18	108		148					8	72		
19	108		167					16	95		
20	✓	[illegible]	143						138		
W/T	679 ✓	224 ✓	554 ✓					108 ✓	357 ✓		
21			131						113		
22			105						64		
23			198						28		
24	42	4	154						22		
25	102		42						34		
26	178								24		
27	159	3							32		
W/T	481 ✓	7 ✓	630 ✓		348 ✓			340 ✓	317 ✓		
	1567740	727780	[illegible]		106836			156740	320824		115940

161006

SA 066319

/S	Courtland	Starbite	Alum	Canadian	Pasadena	Crest brook	Eotex	Federal HW	Pine	weyerhauser HW	weyerhauser Rolls	Date
-	132				32			76				1-31
-	92				44							2-1
000	42				32			24				2
000					38							3
000					2		79					4
000							102					5
-							76					6
2000	266 ✓				142 ✓		257 ✓	166 ✓				W/7
-							90					7
-							69					8
,00							90					9
000							67					10
00							72					11
-		61										12
		72										13
3000		123 ✓					388 ✓					W/-
-		54					9					14
000		87					12	132				15
		33						146				16
		48					36	52				17
1000							36					18
1000		34										19
000		139										20
8.00		395 ✓					93 ✓	330 ✓				W/
-		140										21
		195					28	54				22
		158					120	24				23
		210										24
	114	82							22			25
	156	26		2	32							26
	134			14	18							27
	404 ✓	711 ✓		16 -	56 ✓		148 ✓	78 ✓	22 ✓			W/
83,000	349740	1339		16	104544		886	264668	11660			TOTAL

SA 866320

February 83

COLORS

Date	Solar Blue	Black	Blue	Red	Orange	yellow	Intra Blue	Poutamino green	mapico
1-31	265	46		9			169	507	
2-1	460	132							
2	201	104				7			
3	14	128		11		101			
4	96	68							
5	31	95		15		2			
6	78	64		38					
W/T	1145 ✓	637 ✓		73 ✓		110 ✓	169 ✓	507 ✓	
7	64	53		26					
8	36	56				194			
9	314	144		11					
10	305	108		6	6	44			
11	302	108		5	7	56			
12	241	68		4	2				
13	131	71		3					
W/T	13 ✓	608 ✓		55 ✓	15 ✓	214 ✓			
14	103	61		4					
15	169	93		6					
16	140	111		7					
17	148	101		8					
18	150	104		8					
19	187	145		9	15	67			#
20	345	109		11					
W/T	1242 ✓	724 ✓		53 ✓	15 ✓	67 ✓			41750
21	406	236		11					
22	143	192		4	22	48			
23	190	142		4	8	9			
24	149	239		6	17	67			
25		132		15	16	82			
26	20	120		15	15	68			
27		138		14	23	73			
W/T	908 ✓	1199 ✓		69 ✓	101 ✓	347 ✓			
TTL	4688	3168 ✓		250 ✓	131 ✓	818 ✓	169 ✓	507 ✓	

293* 198* 16* 8* 51* 10* 32*

Total 42358

SA 066321

MARCH

Beater Room Report

Date	Blue	Yellow	solar Blue	Black	orange
12-28	286	2	31	273	16
1	219			293	9
2	283		15	235	7
3	232			253	21
4	91	188	12	240	56
5	262		30	151	11
6	246	4	36	272	16
W/T	1619 ✓	194 ✓	124 ✓	1717 ✓	136 ✓
7	300			254	13
8	317		11	188	9
9	240	81		140	7
10	297	267		166	57
11	365			154	4
12	215	4	77	238	
13	90	12	34	290	8
W/T	1824 ✓	364 ✓	122 ✓	1430 ✓	98 ✓
14	259	38	58	272	15
15	373	90		224	33
16	259	21	39	259	29
17	152	6		325	35
18	221			253	24
19 / 20	250 / 292	/ 16		408 / 297	13 / 13
W/T	1806 ✓	171 ✓	97 ✓	2088 ✓	162 ✓
21 / 22	180 / 69	32 / 12	/ 179	320 / 233	12 / 13
23 / 24	106 / 140	254 / 1	104 / 67	213 / 174	33 / 7
25 / 26	122 / 88	/	86 / 86	303 / 336	32 / 20
27	124		50	350	20
W/T	809 ✓	299 ✓	572 ✓	1979 ✓	137 ✓
28 / 29	208 / 136	15 / 35	/	317 / 209	22 / 25
30 / 31	165 / 146	20 / 4	/	237 / 53	29 / 11
[illegible]	181 / 152	7 / 2	/	201 / 128	12 / 12
1 / 2	65 / 1053	213 / 302	—	44 / 1289	26 / 137
T	7111	1230	915	8503	670

MARCH

Mill C

Daily Chemical Report

Date	Alum 545	Clay 3960	Rosin Size 7.3	Staysize 112	Clinsize 753	Stazyme GA	Talc	TiTA	Ansilex	Defoamer 7.91	Kal 64 8.55
2-28	477	6	191			7800	2000	9600	2000	20	25
3-1	357	6	126			11900	325	5750	2300	20	50
2	496	7	113			9900	375	5450	2250	20	25
3	577	8	149			12700		6750	2250	20	50
4	461	6	119			5700	750	9750	2125	20	50
5	417	4	150		2200		1175	9275	2525	20	50
6	417	4	174					7750	2750	20	50
TOTAL	3202 ✓	41 ✓	1022 ✓		2200 ✓	48000 ✓	4625 ✓	54325 ✓	16200 ✓	140 ✓	300 ✓
7	536	7	135				600	6600	2100	20	50
8	418	5	132				750	6400	2150	20	50
9	536	6	107				700	4500	1200	20	200
10	1535	8	93			3600	1400	6300	1400	20	325
11	497	7	74			8000	700	3150	700	20	75
12	417	7	109			7800	750	2700	600	20	65
13	596	7	80			6500	700	2700	600	20	60
TOTAL	4535 ✓	47 ✓	730 ✓			25100 ✓	5600 ✓	32250 ✓	8750 ✓	[illegible] ✓	[illegible] ✓
14	537	9				10400	600	2700	600	20	75
15	794	8	116			4500	600	2700	600	20	75
16	755	7	126				500	2250	500	20	100
17	401	6	78				950	4125	950	20	100
18	656	4	64				1300	5300	1300	20	75
19 / 20	476 / 477	5 / 6	123 / 139				1400 / 75	5400 / 225	1550 / 75	20 / 20	100 / 100
TOTAL	4096 ✓	45 ✓	646 ✓			14900 ✓	5425 ✓	22700 ✓	5575 ✓	140 ✓	[illegible] ✓
21 / 22	298 / 537	6 / 5	72 / 107				150 /	3600 / 3250	800 / 650	15 / 20	100 / 75
23 / 24	536 / 464	6 / 2	147 / 129				/ 400	- / 2000	- / 400	20 / 20	110 / 140
25 / 26	477 / 596	6 / 5	177 / 194				350 / 700	1550 / 2800	350 / 700	20 / 20	110 / 90
27	358	4	169					2000	1000	20	125
TOTAL	3266 ✓	34 ✓	995 ✓				1600 ✓	15200 ✓	3900 ✓	135 ✓	750 ✓
28 / 29	536 / 417	4 / 7	184 / 137				/	900 / 3200	300 / 1700	20 / 20	100 / 100
30 / 31	537 / 539	8 / 6	186 / 121			10200	275 / 225	1875 / 3825	275 / 1025	20 / 20	50 / 100
1 / 2	447 / 596	6 / 11	123 / 115	?		7800 / 2100	300 / 725	1800 / 3550	800 / 725	20 / 20	100 / 50
3	476	6	156				350	4200	1450	20	50
	3549	48	962			20,100	2375	19,350	6275	140	550

SA 066323

Date	Valco	Cargill Starch	Alum Mach	Clay Tank (10)	Cinco	Calcium Cloride	Soda Ash	Alph Size (8.72/gal)	Clinton 253-B	Dry Clay	Douglas Starch	Steeley Tale
2-28			3	2200				90				
3-1			2	2300								
2			3	3000								
3			3	3200								
4			3	2700							800	
5			3	1400							3900	
6			2	1400							7800	
TOTAL			19 ✓	16200 ✓				90 ✓			12500 ✓	
7			3	2700				54			9100	
8			2	2100				65			6500	
9			3	2000				63			7800	
10			2	3200							5700	
11			3	2600				63				
12			2	2900				54				
13			3	2600				54				
TOTAL			18 ✓	18100 ✓				253 ✓			29100 ✓	
14			3	3600				54				
15		46000	5	3100				54				
16		60500	3	2900				45				
17		60800	2	2300				59				
18		7800	2	1500				54				
19		7800 / 7800	2 / 2	1900 / 2400							2600	
TOTAL		41300 ✓	19 ✓	17700 ✓				2660 ✓			2600 ✓	
21			2 / 2	2200 / 2000							7800 / 6500	
22			4 / 1	2400 / 700							7800 / 9100	
23		7400	1 / 2	2500 / 2100							7800 / 400	
27		6500	2	1600								
TOTAL		13900 ✓	14 ✓	13500 ✓							39400 ✓	
28		7800 / 9100	2 / 2	1600 / 2800								
30		10400 / 700	3 / 3	3300 / 2400								
1			3 / 3	2400 / 4400							2000	
3		22500	3	2500							6500	
			19	18900							13600	
		82700	89	84400				709			97100	

SA 866324

MARCH 83

MILL D

Daily Chemical Report

Date	Glue	Size Tanks	Stayzme GA	753 100 Bag	Tita	Sodium Aluminate	Salt	J-100 Size Rasin
2-28	98	2	176		239			
3-1	98	3	128		194		53	
2	74	3	128		191			
3	245	2	156		327			
4	293	5	144		200			
5	73	6	128		220			
6	123	5	112		200			
TOTAL	1004 ✓	26 ✓	972 ✓		1571 ✓		53 ✓	
7	73	5	98		190			
8	147	6	128		200			
9	98	6	128		220			
10	147	6	128		200			
11	172	1	128		164			
12	225	1	112		142			
13	293	2	126		221			
TOTAL	1155 ✓	27 ✓	848 ✓		1337 ✓			
14	147		157	18	203		32	
15	146	2	94		245		15	
16	206	2	126		226		30	
17	147	4	116		262		60	
18	221	1	137		260		15	
19 / 20	171 / 172	1 / -	144 / 128		260 / 200			
TOTAL	1210 ✓	10 ✓	902 ✓	18 ✓	1656 ✓		152 ✓	
21 / 22	171 / 172	1 / -	96 / 138		200 / 250			
23 / 24	219 / 147	1 / 1	128 / 144		240 / 250			
25 / 26	147 / 147	3 / 2	142 / 172		313 / 200			
27	147	0	90		200			
TOTAL	1150 ✓	8 ✓	910 ✓		1653 ✓			
28 / 29	147 / 147	3 / 4	108 / 96		278 / 192		30 / 45	
30 / 31	147 / 172	2 / 1	96 / 112		206 / 288			
1 / 2	170 / 365	4 / 4	128 / 70		200 / 230			
3	294	4	128		240		25	
	1442	22	138		1634			
		97	1170	18	7951		280	

SA 066325

MARCH Blade Coater Chemical

DATE	Clay HT	Protein	Latex 620	Borax	Berset	Ammonia	TSPP	DF-122	Choline Chloride	Bacote	Latex 604
2-28	1407	900	6660	45	23	24	15	36			
3-1	938	600	440	30	15	16	10	24			
2	1407	900	6660	45	23	24	15	36			
3	938	600	440	30	15	16	10	32			
4	3125		1085			30	80	20			
5											
6											
TOTAL	7815 ✓	3100 ✓	3285 ✓	150 ✓	76 ✓	110 ✓	130 ✓	148 ✓			
7	1875		651			18	48	12			
8	1875		651			18	48	12			
9	1250	600	548	30	15	19	18	26			
10	1148	600	440	30	15	16	10	24			
11	1407	900	6660	45	23	24	15	36			
12											
13											
TOTAL	7555 ✓	2100 ✓	2950 ✓	105 ✓	53 ✓	95 ✓	139 ✓	110 ✓			
14	938	600	440	30	15	16	10	24			
15	1407	900	6660	45	23	24	15	36			
16	1407	900	6660	45	23	24	15	36			
17	498	600	440	30	15	16	10	26			
18	469	300	220	15	8	8	5	12			
19 20	1407	900	660	45	23	24	15	36			
TOTAL	6126 ✓	4200 ✓	3080 ✓	210 ✓	107 ✓	112 ✓	70 ✓	170 ✓			
21 22	938 938	600 600	440 440	30 30	15 15	16 16	10 10	24 24			
23 24	938 938	600 600	440 440	30 30	15 15	16 16	10 10	24 24			
25 26	1407 97	900	660	45	23	24	15	36			
27											
TOTAL	5256 ✓	3300 ✓	2420 ✓	165 ✓	83 ✓	88 ✓	55 ✓	132 ✓			
28 29	566 938	300 600	220 440	15 30	8 15	8 16	5 10	12 24			
30 31	1378 450	900	660 404	46	23	29 12	19 32	36 8	9	8	175
1 2	2873	600	1091	30	15	34	48	36			
3	6945	2400	2845	121	61	99	105	116	9	8	175

Blade

Camel white	Nopcosant K	Cellulose CMC-7L	Latex 722	DC-111	Kelgin gL	Kelgin Hv	calgont	clinsize	FC-807	Hydrocarb	Tita Dioxide
150		15									
100		10			150						
150		15									
100	2	10			150						
				50		100					
–											
500 ✓	2 ✓	50 ✓		50 ✓	300 ✓	100 ✓					
				30		60					
				30		60					
100	1	10		5		10					200
100	4	18		12						2150	2100
150		15									
550 ✓	5 ✓	4[illegible] ✓		77 ✓		130 ✓				2150 ✓	[illegible] ✓
100		10									
150	2	15									600
150	1	15									400
100		10									
50		5									
150		15									
700 ✓	3 ✓	70 ✓									1000 ✓
100 / 100		10 / 10									
100 / 100		10 / 10									
150		15									
550 ✓		[illegible] ✓									
50 / 100		5 / 10									
600	3	97	88	20	40						
100		10		30	60						
850	3	122	88	50	100						
2950	13	340	88	177	400	230				2150	3300

Parac

[redacted]

de Coater

cont.

Tita oxide	Paracol	Atlas	Glycerine	Latex A-100	Berbond	Elvanol	261-LV	Pencor	cellosize	PG-280	sodium-Nit	Nopcocid
										600		
							1166			1200		
							1166 ✓			1800 ✓		
200												
2100				296								
1300 ✓				296 ✓								
500												
100												
000 ✓												
										900		
						225						
3300				296		225	166			2700		

5A 066328

MILL C
Hydrapulper Report

MARCH

Date	Jarisser	Westvaco	Riverdale	ASW	PS	AHW	Harmac	Celgar	Eddy	Caribco	Courtlaid
2-28			38	164		8		64			
3-1		105	15	35				75			
2		102	15	34				75			
3		18	4	142				50			
4				114	2			50			
5		4		117	5			50			
6				17				80			
7		229 ✓	72 ✓	623 ✓	7 ✓	8 ✓		444 ✓			
7			58	48				80			
8			31	62				70			
9			86	57				80			
10			126	42	42			75			
11			123	41	41			70			
12			127	41	29			65			
13			90	29				70			
ST			641 ✓	370 ✓	117 ✓			— ✓			
14			118	46	39			70			
15		171	4	4	43			75	6		
16				47	33			55	152		
17				34	34			75	117		
18		3		32	32			70	107		
19 / 20		135 / 138		45 / 46	45 / 46			65 / 40	2		
ST		447 ✓	122 ✓	254 ✓	272 ✓			450 ✓	384 ✓		
21 / 22		104 / 113		43 / 61	21 / 33			/ 25			
23 / 24		126 / 144		42 / 34	42 / 41			60 / 60			
25 / 26		126 / 26		46 / 38	41 / 38			65 / 65			
27				40	40			60			
ST		639 ✓		304 ✓	256 ✓			335 ✓			
28 / 29		10 / 38		76 / 64	38 / 20			65 / 25			
30 / 31				102 / 98	17 / 45			52 / 64			
2		115		115 / 83	51 / 41			52 / 56			
3		297 34		86	48 36			56 370			
ST		1612	835	1225	1845	8		1209	884	1,2432	726

132
233
72
128 / 3
115 / 114
14
405 52

381472

SA 066329

MILL D

MARCH Hydrapulper Report

Date	ASW	AHW	Riverdale	G.P. Prairie	Westvaco	Reg. Broke	IV Red	Celgar	Carribco	HW Kraft	Terrace Bay
28	159								42		
1	162								64		
2	168								18		
3	164		54						48		
4	180	4	110						22		
5	132		108					24	6		52
6	123		107					40			60
W/T	1088 ✓	4 ✓	379 ✓					64 ✓	200 ✓		112 ✓
7	87		83					40			60
8	86		92					36			54
9	94	40	96					40	50		60
10	126		142					40	30		66
11	112		94					44			66
12	166							8			50
13	154										22
W/T	825 ✓	40 ✓	507 ✓					108 ✓	30 ✓		[illegible] ✓
14	177										59
15	246				10				23		20
16	150										92
17	171										121
18	198		92								56
19 / 20	196 / 142		148		180						36 / 32
W/T	1280 ✓		240 ✓		190 ✓				22 ✓		416 ✓
21 / 22	134 / 193		60		139 / 177						112 / 31
23 / 24	196 / 184		184 / 20								22 / 18
25 / 26	118 / 236			42							14 / 20
27	178	46		20							
W/T	1239 ✓	46 ✓	264 ✓	62 ✓	316 ✓						217 ✓
28 / 29	100 / 102	62 / 74		110 / 80							160 / 68
30 / 31	99 / 128	66	10 / 102	106 / 70							19 / 36
1 / 2	134 / 70	8 / 54	112 / 47	90 / 90							4 / 75
3	102	102	27	90							27
W/T	735	266	298	638							245
	5104	1021	1188	28	5.6			272	239		2148

Broke	Calcium Chloride	Soda ASH	Mapico Bags	Pasadena	Cal. Carb.	Intra white	Alum	Ansilex	Tita Bags	Talc Bags	Federal	M. Date
										32		28
33000												1
34000												2
40000											7	3
28000											16	4
27000											25	5
40000											136	6
202000 ✓										32 ✓	184 ✓	" /
41000											67	7
31000											14	8
40000											16	9
											15	10
											14	11
7000											13	12
21000											14	13
1[illegible] ✓											15 ✓	w /
12000				20							14	14
				49								15
14000												16
												17
												18
11000 / 8000			166 / 48									19 20
45000 ✓			114 ✓	69 ✓							14 ✓	/
/ 22000			/ 30									21 2
12000 / 1200			72 / 72	✓								23
3[illegible]			18 /									25
												27 /
4[illegible] ✓			192 ✓									
7000 / 22000			42 / 30									28
29000												30
			72									
			=74	11010	36570					1600	181818	3

[redacted]

	Blue	Camel white	
1	17		7-1-8
2			2
3			3
4			4
5			5
6	489		6
7	433		7
8	222		8
9	196		9
10	305		10
11	376		11
12	194		12
13	155		13
14	218		14
15	256		15
16	293		16
17	127		17
18	250		18
19	293		19
20	244		20
21	398		21
22	362		22
23	245		23
24	235		24
25	280		25
26	127		26
27	174		27
28	157	23650	28
29	267		29
30	196		30
31	202		31
1	242		8-1-
	6953	23650	TOTAL

Jul

SA 066530

MILL C

July 82

Daily Chemical Report

	ALUM 5.45	CLAY 3960	Rosin Size 7.3	Staysize 107 lbs	Clinsize 753 lbs	STAZYME 1 lbs	Staysize 112 lbs	TITA 1 lbs	Ansilux 1 lbs	DeFoa[illegible] 7.91	Kal 64 8.55
7-1-83	357	6	146			11700		8850	2700	15	50
2	536	9	129			11700		1975	750	15	50
3	417	5	120			9100		4400	1675	15	75
4											
5											
6	596	10	147		4100	20100	1000	5275	1800	[illegible]	50
7	556	7	170		2000	6500		9400	2875	[illegible]	[illegible]
8	410	8	144			13000		7325	3050	[illegible]	[illegible]
9	537	8	160			11700		8250	3400	15	[illegible]
10	473	6	146			10400		8250	3350	15	50
11	298	7	138		1600	13000		8900	3750	5	50
12	537	8	136		3800	10400		2550	750	15	50
13	417	10	154			12200		3250	1050	15	50
14	536	7	155			10400		4775	2550	5	75
15	418	7	180			11700		2925	1650	5	50
16	536	7	133			11700		5450	2900	15	50
17	338	10	140			14300		2100	1200	15	25
18	417	5	166			11700		2975	1700	15	25
19	536	6	199			10400		7475	3750	15	50
20	596	6	172	1400		7900		250	100	15	50
21	358	7	141			9100		350		15	50
22	477	8	144		7000	5100		1100		15	50
23	357	7	153		2000			4100	1650	5	50
24	400 *	5	126					5875	2150	15	[illegible]
25	593	1	207							5	[illegible]
26	400		192						900	5	50
27	700	2	188						100	15	
28	300	6	123			2500		1350		[illegible]	[illegible]
29	650	9	165			13000		4750	1825	15	25
30	400	6	211		4000	13100		10550	3600		
31	450	6	199		2000	9100		10050	3900	15	50
8-1-83	400 *	6	184		2000	2800		5450	3100	[illegible]	[illegible]
TOTAL	13996	195	4768	1400	28500	262600	1000	137950	56225	450	1525

SA 066531

	Nalco	Paramel	Alum MACH	Clay Tank 10	Clinco 345 D	Calcium choride	Soda Ash	Douglas starch	Colors	Total
1	144		2	2500						
2	117		3	3900						
3	108		2	2100						
4										
5										
6	108		3	4600						
	138		3	3100						
	132		2	3600						
	144		3	3300						
	150		3	3300						
	126		1	2700						
	138		3	4000						
	144		2	4500						
	148		3	3100						
	147		2	3400						
	90		3	3000						
	140		2	4900						
	168		2	2500						
	132		3	2500						
	144		3	2500						
	156		2	3800						
	144		2	3700				2800		
	132		2	2800				5200		
	129		3	2500				10400		
	138		3	700				3900		
			3	100				2600		
	66		5	6000				3900		
	93		1	200				9200		
	159		4	200						
	198		3	1600						
			3	5000						
	138		2	2200	9500					
	3771	—	78	88300	9500	—	—	38000	28030	1,577,659
				883,000						

Ju

DATE

7-1-

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8-1

TOT

July 82 Blade Coater Chemicals

Date	Clay HT	Protein	Latex 620	Borax	Berset	Ammonia	TSPP	DF122	[illegible]	[illegible]	Latex
7-1-83	1876	3200	540	112	30	84		48			
2	1407	1400	575	58	23	37	10	36			
3	1407	1400	575	58	22	33	10	42			
4											
5											
6	1876	3200	540	112	30	84		48			
7	1407	1900	490	71	23	50	5	36			
8	1876	1200	880	60	30	32	20	48			
9	1876	1200	880	60	30	32	20	48			
10	1876	1200	880	60	30	32	20	48			
11	938	600	440	30	15	16	10	24			
12	1876	3200	540	112	30	84		48			
13	2257	2400	845	84	22	113		76			
14	2087	2400	805	84	23	103	4	68			
15	2172	2400	855	84	22	108	30	102			
16	1108	1100	455	43	15	34	15	32			
17	1876	1200	880	60	30	32	20	48			
18	1407	1400	575	58	32	37	10	32			
19	2250		651			18	48	18			
20	2684		839	84	23	91	50	54		24	
21	1876	3200	540	112	30	84	40	48			
22	938	1600	270	56	15	42	20	24			
23	1407	2400	405	84	22	63	30	36			
24	1407	2400	405	84	23	63	30				
25	—	—	—								
26	1407	2400	405	84	23	63	30	36			
27	938	1600	270	56	15	42	20	24			
28	1407	2400	405	84	23	71	50	52			
29	625		217			7	32	4			
30	1161	550	403	28	14	24	5	22	25	23	500
31	1876	1200	880	60	30	32	20	48			
8-1-83	—	—	—	—	—						
TOTAL	45298	47150	16445	1878	625	1511	549	1150	25	47	500

SA 066533

Camel white	Nopcosant K	Cellulose CMC-76	LATex 722	DC-111	Kelginal	PG 280	Calgon T	Clinsize 763-B	FC-807	Scriptset 720	Percor 74-B
100	4										
150	1							4500			
125		10									
100	4										
125	2	5									
200		20									
200		20									
200		20									
100		10									
100		4									
3075	13			40		4000	30				
2525	10			24		3200	24				
2775	9			36		3600	27				
375		5		8		800	6				
200		20									
125		10									
				30	60						
75				10	40						
200											
50								500			
75											
75								1500			
100											
50						1000		1300			
								1200	20	78	
8050	9			10	18	200					700
500	8	15	196			100					
200		20									
19850	60	159	196	158	118	12900	87	9000	20	78	700

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74-B Pencor	239 ATLAS	121 B NOPOCIDE	Glycerine	6107 LATEX	112 LATEX	71-306 ELVAND	Berset 39	UVITex	Cellosize PG-200	Titanium Dioxide	261 LV
											100
700	48		25								
				82	100					600	
100	48	-	25	82	100					600	100

SA 066535

MILL C

July 82 Hydrapulper - Report

Date	Gr. Priarie	westvaco 329	Eddy	ASW 500	P.S.	DONTAR	AHW 440	Celgar 469	courthrd 522	[illegible]	Champion 543
7-1-83				219	65		41				
2				186	59				10		40
3		17		132	44						27
4											
5											
6		27		162	41						
7		18		191	49						
8				136	41			85			
9					52			214			
10				120	50			95			
11				135	48			45			
12				185	63						
13				216	65		4	16			
14				133	50		4	64			
15				119	51			64			
16				85	14		12	99			
17				171	50			56			
18				166	42			22			
19				146	35			56			
20		14		97	32		18	64			
21		14		115	43			48			
22				162	41		8	32			
23		14		143	29			44			
24				129	43			48			
25				132	44			48			
26		6		132	44			48			
27		12		156	40		21				
28											
29		17		152	45		42				
30				164	49						
31				154	46		4				
8-1-83		139		129 (4167)	38		154	1148			(67)
TOTAL	—	45731	—	20835 00	1313	—	~~55935~~ 67760	538412	5220		36381

SA 066536

Broke	Southwest	Cork tipp	(Bags) Mapico Yellow	Harmal	Cal. Chloride	Soda Ash	Pine S.W.	477 Western	478 Cariboo	TOTAL
								20		
								31		
								50		
6000										
								26		
								8		
24000			96							
18000			72							
6000			24							
16500			66							
18000			72							
18000			72							
11700			72							
7200			72						48	
									68	
									16	
								(135)	86 (218)	
125400	–	–	546	–	–	–	–	64395	104204	2945603

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SA 066537

MILL D

July 82

Hydrapulper - Report

Date	ASW	AHW	Eddy	G. P. Prairie	Westvaco	Reg. Broke	IV Red	Celgar	Cariboo	Champion HW	Tall's BAY
7-1-83	106								281		
2	216								138		
3	207										
4											
5											
6	306	90									
7	232	83							84		
8	160	31							193		
9	121								207	14	
10	192									3	
11	198									9	
12	335								9	17	
13	261									20	
14	162			10					64		
15	266								40		
16	276	59							15		
17	251	95							74		
18	167	82							99		
19	197	88							99		
20	179	85							108		
21	280	116									
22	181	89							18		
23	200	98									
24	213										
25	196								54		
26	230								55		
27	188								108		
28	143								90	18	
29	144								90	48	
30	99	18							156	22	
31	138			67					64	22	
8-1-83	140			100					90		
TOTAL	2942000	410960	—	97881	—	—	—	—	1021008	90306	—

SA 066538

W/S	courtland Hy	willamette	Alum
17000	111		
25000	96		
15000	69		
14000			
32000	48		
34000		138	
30500		123	
16000		129	
14000		151	
19000		99	
16000		58	
18000		102	
7000		21	
22000			
24000			
19000			
17000			
15000			
15000			
12000	26		
11000	127		
6000	146		
17000	101		
12000	124		
14000	85		270
14000	114		
19000	101		
11000	117		
1000	70		
486500	696870	821	270

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SA 066539

MILL D

July 82

Daily Chemical Report

	Glue	Size Tanks	Size Rasin	Clinco	TiTA	Sodium aluminate	SALT	J-100 Bags
7-1-83	147	600		64	200			58
2	98	720		118	114			
3	122			88	150			
4								
5								
6	122			88	150			
7	147	1200		236	233			
8	147	1560		182	62			
9	171	600		140	240		42	18
10	98	360		182	250			
11	74	480		188	250			
12	49	360		114	250			72
13	98	480						90
14	73	360		45	250			45
15								
16								
17	98	600		192	247	1	39	
18	98	480		134	170	1		
19	49	480		131	224	1		
20								
21	98	480			157	1		
22	73	240		148	123	1		
23	74	480		192	200			
24	122	720		176	210			
25	122	720		192	200			9
26	73	720		128	200			18
27	49	600			200			
28	25	720		144	210			
29	24	720		144	200			
30	40			128	87		39	
31	41	480		144	61	1	26	
8-1-83	42	480		112	90	2	60	
TOTAL	2374	14640	—	3410	4728	8	206	252

SA 066540

MILL C
COLORS

July 82

	Solar Blue	Black	Blue	Red	Yellow	Intra Lite Blue	Poutamine Green	Dry Orange
7-1-83	395	306						
2	74	129		8				
3	395	55		15				
4								
5								
6	442	63		12				
7	397	204		18				
8	151	37						
9	220	52						
10	59	62			20			2
11	140	183		1	57			5
12	286	195		25	102			
13	256	234		21				
14	407	184		11				
15	171	190		16				
16	383	182		14				
17	260	154		18				
18	345	158		9				
19	344	150		19	43			3
20	143	21						
21	148	22						
22	175	44						
23	324	59						
24	329							
25	27							
26	80							
27	84	12						
28	125	16						
29	136	82			229			21
30	413	19			12			2
31	501	95	30					
8-1-83	254	127		10				
TOTAL	7464	3035	30	197	463	-	-	33

SA 866541

AUGUST 82

MILL D

Beater Room Report

(Chem ... Beat

Date	Alum	Size	Clay	Ansilex	AX	SCM	Nalco	Yellow	Solar Blue	Clear	orange
8-2	1400	5460	7450	1900	7650		273	116	86	292	55
3	1760	6540	10700	2350	6400		327	264	125	190	68
4	1960	9400	8900	3050	9450		435	97	90	215	44
5	1995	11520	10600	1700	6400		405	38		143	40
6	1860	7960	7625	1750	4750		273	63		117	44
7	1940	7800	13000	1300	4525		363	62		140	[illegible]
8	1660	4980	10850	2250	7100		405	55	263	154	44
9	1620	4860	8700	3800	14450		363	251	176	311	86
10	1700	6500	9150	2350	13350		354	323	78	347	117
11	1800	10140	7600	3450	5600		393	98	165	78	45
12	1900	9960	10050	2900	10400		381		136	237	42
13	1640	5960	7050	5300	11000		255	23	17	113	27
14	1590	5730	7350	5650	16700		237	71		238	37
15	5240	6480	10400	14200	33450		273	133	65	192	32
16	1600	7460	12300	900	4750		297	204	48	281	40
17	1940	10020	14300	1650	5250		381	210	232	115	35
18	1480	9190	5050	3800	13050		309	40		211	62
19	1540	7420	4400	3600	12070		285	27	256	211	45
20	1700	6760	8100	4350	10400		255	59		36	30
21	1620	6280	7450	3400	8050		243	129	28	57	34
22	1880	9060	5000	2950	7600		336	103	67	66	37
23	1740	11140	3600	4000	9450		411	5		80	20
24	1440	10340	2500	3250	10700		417	5	56	80	19
25	2080	10130	6075	2000	5650		387	85	8	240	58
26	1820	5480	7200	2700	7254		273	55	25	201	50
27	1760	6480	8300	2000	8400		264		20	260	26
28	2180	7110	13050	1250	4800		327		75	236	19
29	1960	8160	9800	4000	10650		339	14		238	42
TOTAL	52805	248320	236550	91800	269299	—	9261	2530	2016	5079	1244

SA 066542

MILL C

AUGUST 82

Daily Chemical Report

DATE	Alum 5.45	Clay 3960	Rosin Size 7.3	Staysize lbs. 107	Clinsize lbs. 753	Stazyme lbs. GA	Staysize lbs. 112	Tita lbs.	Ansilex lbs.	De Foamer 7.91	Kal 64 8.55
8-2-82	400	6	179					8250	3975	15	50
3	650	5	128					4350	2000	15	50
4	400	25830 #	144					4950	1500	15	50
5	550	7	162			8100		7100	2650	15	50
6	1050	4	332			12000		7200	2400	15	100
7	500	7	110			10400		7200	1600	15	
8	299	6	103			10400		3600	900	15	100
9	536	6	124			11700		6300	2250	15	75
10	716	4	102			9100		4750	1800	15	50
11	417	2	133			7800		5250	1950	15	50
12	119	1	23					2500	750	15	25
13	356	–	40							15	25
14	120		39							15	25
15	178		39							15	
16	120		39							15	
17	178		39							50	
18	596	8	103			7800		150		25	
19	537	9	149			10400		1950	825	25	24
20	655	6	126			11700		3000	1050	20	50
21	358		127			9100		3325		20	75
22	443	7	108			10400		3500	1325	20	75
23	477	7	141			10400		5700	1700	20	75
24	656	5	105			9300		3600	1600	20	50
25	536	5	147			9100		9700	3100	20	50
26	596	5	147			10400		9025	2350	20	50
27	298	6	127			11700		6075	1600	20	25
28	477	5	94			7800				20	25
29	536	5	138			10400				20	50
TOTAL	~~12512~~ 12754	116	3248			188000		107475	35325	~~540~~ 525	1199

5A 066543

Au

DATe	BLUe	camel white
8-2-8	335	
3	249	
4	278	
5	429	
6	259	
7	289	
8	304	
9	195	
10	137	
11	254	
12	385	
13	330	
14	178	
15	297	
16	204	
17	222	
18	204	
19	60	
20	306	
21	206	
22	291	
23	445	
24	252	
25	116	
26	235	
27	220	
28	202	
29	298	
TOTAL	7180	

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0665544

AUGUST 82

MILL D

Beater Room Report

Date	Alum	Size	Clay	Ansilex	AX	SCM	Nalco	Yellow	Solar Blue	Chem [illegible]	Chem [illegible]
8-2	1400	5460	7450	1900	7650		273	116	86	212	55
3	1760	6540	10700	2350	6400		327	264	125	190	60
4	1960	9400	8900	3050	9450		435	97	90	215	41
5	1995	11520	10600	1700	6400		405	38		143	40
6	1860	7960	7625	1750	4750		273	63		117	44
7	1940	7800	13000	1300	4525		363	62		140	[illegible]
8	1660	4980	10850	2250	7100		405	55	263	54	14
9	1620	4860	8700	3800	14450		363	251	176	311	86
10	1700	6500	9150	2350	13350		354	323	78	347	117
11	1800	10140	7600	3450	5600		393	98	165	78	45
12	1900	9960	10050	2900	10400		381		136	207	42
13	1640	5960	7050	5300	11000		255	23	17	113	27
14	1590	5730	7350	5650	16700		237	71		228	37
15	5240	6480	10400	14200	33450		273	133	65	192	32
16	1600	7460	12300	900	4750		297	204	48	281	40
17	1940	10020	14300	1650	5250		381	210	232	115	25
18	1480	9190	5050	3800	13050		309	40		211	62
19	1540	7420	4400	3600	12070		285	27	256	211	45
20	1700	6760	8100	4350	10400		255	59		36	30
21	1620	6280	7450	3400	8050		243	129	28	57	34
22	1880	9060	5000	2950	7600		336	103	67	66	37
23	1740	11140	3600	4000	9450		411	5		80	20
24	1440	10340	2500	3250	10700		417	5	56	80	14
25	2080	10130	6075	2000	5650		387	85	8	240	58
26	1820	5480	7200	2700	7254		273	55	25	201	56
27	1760	6480	8300	2000	8400		264		20	266	26
28	2180	7110	13050	1250	4800		327		75	236	19
29	1960	8160	9800	4000	10650		339	14		228	42
TOTAL	52805	~~748320~~ 715320	236550	91800	269299	—	9261	2530	2016	5079	1244

SA 066545

MILL C
COLORS

July 82

	Solar Blue	Black	Blue	Red	Yellow	Intra Line Blue	Poutamine Green	Dry Orange
7-1-83	395	306						
2	74	129		8				
3	395	55		15				
4								
5								
6	442	63		12				
7	397	204		18				
8	151	37						
9	220	52						
10	59	62			20			2
11	140	183		1	57			5
12	286	195		25	102			
13	256	234		21				
14	407	184		11				
15	171	190		16				
16	383	182		14				
17	260	154		18				
18	345	158		9				
19	344	150		19	43			3
20	143	21						
21	148	22						
22	175	44						
23	324	59						
24	329							
25	27							
26	80							
27	84	12						
28	125	16						
29	136	82			229			21
30	413	19			12			2
31	501	95	30					
8-1-83	254	127		10				
TOTAL	7464	3035	30	197	463	-	-	33

SA 066546

AUGUST 82

MILL D

Beater Room Report

Date	Alum	Size	Clay	Ansilex	AX	SCM	Nalco	Yellow	Solar Blue	Chem [illegible]	Chem [illegible] orange
8-2	1400	5460	7450	1900	7650		273	116	86	292	55
3	1760	6540	10700	2350	6400		327	264	125	190	60
4	1960	9400	8900	3050	9450		435	97	90	210	41
5	1995	11520	10600	1700	6400		405	38		143	40
6	1860	7960	7625	1750	4750		273	63		117	44
7	1940	7800	13000	1300	4525		363	62		140	40
8	1660	4980	10850	2250	7100		405	55	263	154	44
9	1620	4860	8700	3800	14450		363	251	176	311	86
10	1700	6500	9150	2350	13350		354	323	78	347	117
11	1800	10140	7600	3450	5600		393	98	165	78	45
12	1900	9960	10050	2900	10400		381		136	237	42
13	1640	5960	7050	5300	11000		255	23	17	113	27
14	1590	5730	7350	5650	16700		237	71		228	37
15	5240	6480	10400	14200	33450		273	133	65	192	32
16	1600	7460	12300	900	4750		297	204	48	281	40
17	1940	10020	14300	1650	5250		381	210	232	115	25
18	1480	9190	5050	3800	13050		309	40		211	62
19	1540	7420	4400	3600	12070		285	27	256	211	45
20	1700	6760	8100	4350	10400		255	59		36	20
21	1620	6280	7450	3400	8050		243	129	28	57	34
22	1880	9060	5000	2950	7600		336	103	67	66	37
23	1740	11140	3600	4000	9450		411	5		80	20
24	1440	10340	2500	3250	10700		417	5	56	80	19
25	2080	10130	6075	2000	5650		387	85	8	240	58
26	1820	5480	7200	2700	7254		273	55	25	201	56
27	1760	6480	8300	2000	8400		264		20	260	[illegible]
28	2180	7110	13050	1250	4800		327		75	236	19
29	1960	8160	9800	4000	10650		339	14		218	42
TOTAL	52805	248320	236550	91800	269299	—	9261	2530	2016	5079	1244

SA 066547

	Blue	Camel white
2	335	
3	249	
1	278	
	429	
	259	
	289	
	304	
	195	
	137	
	254	
2	385	
3	330	
4	178	
5	297	
6	204	
7	222	
8	204	
9	60	
0	306	
1	206	
2	291	
	445	
	252	
	116	
	235	
	220	
	202	
	298	
	7180	

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SA 066548

MILL C

AUGUST 82

Daily Chem[illegible] R[illegible]

DATE	Alum 5.45	Clay 3960	Rosin Size 73	Staysize lbs 1.71	Clinsize lbs 53	Starvme lbs [illegible]	Staysize lbs 112	Tita lbs	Ars[illegible] lbs	D 791	[illegible] 855
8-2-82	400	6	179					8250	39[illegible]		[illegible]
3	650	5	128					4350	2000	[illegible]	[illegible]
4	400	25830 #	144					4950	1500	[illegible]	[illegible]
5	550	7	162			8100		7100	2[illegible]	[illegible]	[illegible]
6	1050	4	332			12000		7200	2400	[illegible]	[illegible]
7	500	7	110			10400		7200	1600	[illegible]	
8	299	6	103			10400		3600	900	[illegible]	[illegible]
9	536	6	124			11700		6300	22[illegible]	[illegible]	[illegible]
10	716	4	102			9100		4750	1800	15	50
11	417	2	133			7800		5250	1950	15	[illegible]
12	119	1	23					2500	750	[illegible]	25
13	356	–	40							15	25
14	120		39							15	25
15	178		39							15	
16	120		39							15	
17	178		39							50	
18	596	8	103			7800		150		25	
19	537	9	149			10400		1950	825	25	24
20	655	6	126			11700		3000	1050	[illegible]	50
21	358		127			9100		3325		[illegible]	[illegible]
22	443	7	108			10400		3500	1325	[illegible]	75
23	477	7	141			10400		5700	1700	[illegible]	75
24	656	5	105			9300		3600	1600	[illegible]	[illegible]
25	536	5	147			9100		9700	3100	[illegible]	[illegible]
26	596	5	147			10400		9025	2350	[illegible]	[illegible]
27	298	6	127			11700		6075	1600	[illegible]	[illegible]
28	477	5	94			7800				20	[illegible]
29	536	5	138			10400				20	[illegible]
TOTAL	~~12512~~ 12754	116	3248			188000		107475	35325	~~540~~ 525	1199

SA 066549

August 82 Blade Coater Chemicals

Date	clay HT	Protein	Latex 620	Borax	Berset	Ammonia	TSPP	DF 22	Choline Choride	Bacote	Latex
8-2-82	2814	1800	1320	90	45	48	30	108			
3	3283	2100	1540	105	53	56	35	126			
4	3283	2100	1540	105	53	56	35	126			
5	1407	900	660	45	22	24	15	36			
6	1876	3200	540	112	30	84	40	48			
7											
8											
9	1876	3200	540	112		84	40	48			
10	1876	3200	540	112	30	84	40	48			
11	2345	4000	675	140	38	105	50	60			
12	2977	2400	405	84	22	63	30	36			
13	938	1600	270	56	15	42	20	24			
14											
15											
16	3283	5600	945	196	53	147	70	11			
17	1407	2400	405	84	23	63	30	36			
18	1876	3200	540	112	30	84	40				
19	2345	3000	845	114	37	79	40	102			
20	1307	900	660	45	23	24	15	39			
21	5596	2300	1540	115	58	62	96	96			
22	1245	1500	1000	75	37	40	25	65			
23											
24											
25	2345	2500	930	101	38	66	35	39			
26	1876	3200	540	112	30	84	40	8			
27	1876	3200	540	112	30	84	40	30			
28											
29											
TOTAL	45831	52300	15975	2027	667	1379	766	1086			

SA 066550

	NALCO	Paramel	Alum mach	Clay Tank 10	Clinco 315 D	Calcium Choride	Soda Ash	Douglas Starch	Alpha Size 8.72	Colors	Total
-2	141		3	3300	13000						
3	105		4	2800	8100						
4	156		3	5200	9100						
5	207		3	3600	1000						
6	246		4	6960							
7	246		3	3400							
8	174		2	2500							
9	174		3	3700							
10	132		4	2100							
11	118		2	1600							
12	/		1	600		800	800		30 gal		
13	/		2			900	900				
14	/		1			675	675				
15			1			900	900				
16			1			825	825				
17			1			750	750				
18	84		4	4100							
19			3	3900							
20	162		4	2800							
21	138		2	3200							
22	120		3	3500							
23	132		3	3400							
24	120		4	2000							
25	132		3	2300							
26	186		3	2300							
27	159		2	2600							
28	150		3	2300							
29	162		3	2100							
	3244		75	70260	31200	4850	4850	—	30	33,832	1,219,261
				702600 ✓					262		

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Dist
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SA 066551

MILL C

AUGUST 82

Daily Chemical Report

DATE	Alum 5.45	Clay 3960	Rosin Size 73	Staysize lbs 1.7	Clinsize lbs 753	Stazyme lbs GA	Staysize lbs 112	Tita lbs	Aisiex lbs	De[illegible] 791	[illegible] 855
8-2-82	400	6	179					8250	3[illegible]	[illegible]	[illegible]
3	650	5	128					4350	2000	15	50
4	400	25830 #	144					4950	1500	15	50
5	550	7	162			8100		7100	2600	15	[illegible]
6	1050	4	332			12000		7200	2400	15	[illegible]
7	500	7	110			10400		7200	1600	15	
8	299	6	103			10400		3600	900	15	[illegible]
9	536	6	124			11700		6300	2250	15	5
10	716	4	102			9100		4750	1800	15	50
11	417	2	133			7800		5250	1950	15	50
12	119	1	23					2500	750	15	25
13	356	–	40							15	25
14	120		39							15	25
15	178		39							15	
16	120		39							15	
17	178		39							50	
18	596	8	103			7800		150		25	
19	537	9	149			10400		1950	825	25	24
20	655	6	126			11700		3000	1050	20	50
21	358		127			9100		3325		20	[illegible]
22	443	7	108			10400		3500	1325	20	75
23	477	7	141			10400		5700	1700	20	75
24	656	5	105			9300		3600	1600	20	50
25	536	5	147			9100		9700	3100	20	[illegible]
26	596	5	147			10400		9025	2350	20	50
27	298	6	127			11700		6075	1600	20	[illegible]
28	477	5	94			7800				20	25
29	536	5	138			10400				20	50
TOTAL	~~12512~~ 12754	116	3248			188000		107475	35325	~~540~~ 525	1199

SA 066552

AU

Blue	Camel white										DATE
335											8·2·8
249											3
278											4
429											5
259											6
289											7
304											8
195											9
137											10
254											11
385											12
330											13
178											14
297											15
204											16
222											17
204											18
60											19
306											20
206											21
291											22
445											23
252											24
116											[illegible]
235											[illegible]
220											27
202											[illegible]
298											29
7180											

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066553

AUGUST 82

MILL D

Beater Room Report

Date	Alum	Size	Clay	Ansilex	AX	SCM	Nalco	Yellow	Solar Blue (Chem	[illegible]	[illegible]
8-2	1400	5460	7450	1900	7650		273	116	86	[illegible]	[illegible]
3	1760	6540	10700	2350	6400		327	264	125	[illegible]	[illegible]
4	1960	9400	8900	3000	9450		435	97	90	[illegible]	41
5	1995	11520	10600	1700	6400		405	38		[illegible]	[illegible]
6	1860	7960	7625	1750	4750		273	63		117	[illegible]
7	1940	7800	13000	1300	4525		363	62		[illegible]	[illegible]
8	1660	4980	10850	2250	7100		405	55	263	[illegible]	[illegible]
9	1620	4860	8700	3800	14450		363	251	176	311	56
10	1700	6500	9150	2350	13350		354	323	78	347	117
11	1800	10140	7600	3450	5600		393	98	165	[illegible]	115
12	1900	9960	10050	2900	10400		381		136	[illegible]	42
13	1640	5960	7050	5300	11000		255	23	17	112	27
14	1590	5730	7350	5650	16700		237	71		[illegible]	37
15	5240	6480	10400	14200	33450		273	133	65	192	32
16	1600	7460	12300	900	4750		297	204	48	281	40
17	1940	10020	14300	1650	5250		381	210	232	115	[illegible]
18	1480	9190	5050	3800	13050		309	40		211	62
19	1540	7420	4400	3600	12070		285	27	256	211	45
20	1700	6760	8100	4350	10400		255	59		36	30
21	1620	6280	7450	3400	8050		243	129	28	57	34
22	1880	9060	5000	2950	7600		336	103	67	66	57
23	1740	11140	3600	4000	9450		411	5		30	20
24	1440	10340	2500	3250	10700		417	5	56	80	19
25	2080	10130	6075	2000	5650		387	85	8	[illegible]	58
26	1820	5480	7200	2700	7254		273	55	25	201	50
27	1760	6480	8300	2000	8400		264		20	[illegible]	[illegible]
28	2180	7110	13050	1250	4800		327		75	[illegible]	19
29	1960	8160	9800	4000	10650		339	14		[illegible]	42
TOTAL	52805	748320	226550	91800	269299	–	9261	2530	2016	5079	1244

SA 066554

AUG

DATE	Blue	Camel White
8-2-82	335	
3	249	
4	278	
5	429	
6	259	
7	289	
8	304	
9	195	
10	137	
11	254	
12	385	
13	330	
14	178	
15	297	
16	204	
17	222	
18	204	
19	60	
20	306	
21	206	
22	291	
23	445	
24	252	
25	116	
26	235	
27	220	
28	202	
29	298	
	7180	

[redacted]

5A 066555

MILL C

AUGUST 82

Daily Chem [illegible] P[illegible]

DATE	Alum 5.45	Clay 3960	Rosin Size 73	Stay size lbs	Clinsize lbs	Stazine lbs	Sta. size lbs	Tita lbs	Ai[illegible] lbs	D 791	[illegible] 855
8-2 82	400	6	179					8250	39[illegible]		
3	650	5	128					4350	[illegible]	[illegible]	[illegible]
4	400	25830 #	144					4950	1500	15	[illegible]
5	550	7	162			8100		7100	2[illegible]	15	[illegible]
6	1050	4	332			12000		7200	2400	[illegible]	[illegible]
7	500	7	110			10400		7200	1600	[illegible]	
8	299	6	103			10400		3600	900	1[illegible]	
9	536	6	124			11700		6300	22[illegible]	[illegible]	[illegible]
10	716	4	102			9100		4750	1800	15	50
11	417	2	133			7800		5250	1950	15	[illegible]
12	119	1	23					2500	750	[illegible]	[illegible]
13	356	–	40							15	25
14	120		39							15	25
15	178		39							5	
16	120		39							15	
17	178		39							50	
18	596	8	103			7800		150		25	
19	537	9	149			10400		1950	825	[illegible]	24
20	655	6	126			11700		3000	1050	20	[illegible]
21	358		127			9100		3325		[illegible]	
22	443	7	108			10400		3500	1325	[illegible]	[illegible]
23	477	7	141			10400		5700	1700	[illegible]	[illegible]
24	656	5	105			9300		3600	1600	20	50
25	536	5	147			9100		4700	3100	[illegible]	[illegible]
26	596	5	147			10400		9025	2350	[illegible]	[illegible]
27	298	6	127			11700		6075	1600	[illegible]	[illegible]
28	477	5	94			7800				20	[illegible]
29	536	5	138			10400				20	[illegible]
TOTAL	~~12512~~ 12754	116	3248			188000		107475	35325	~~540~~ 525	1199

SA 066556

NALCO	Paramel	Alum mach	Clay Tank 10	Clinco 315 D	Calcium Choride	Soda Ash	Douglas Starch	Alpha Size 8.72	Colors	Total
141		3	3300	13000						
105		4	2800	8100						
156		3	5200	9100						
207		3	3600	1000						
246		4	6960							
246		3	3400							
174		2	2500							
174		3	3700							
132		4	2100							
118		2	1600							
/		1	600		800	800		30 gal		
/		2			900	900				
/		1			675	675				
		1			900	900				
		1			825	825				
		1			750	750				
84		4	4100							
		3	3900							
162		4	2800							
138		2	3200							
120		3	3500							
132		3	3400							
120		4	2000							
132		3	2300							
186		3	2300							
159		2	2600							
150		3	2300							
162		3	2100							
3244		75	70260	31200	4850	4850	—	30	23832	1219261
			702600					262		

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SA 066557

AUGUST 82' Blade Coater Chemicals

Date	Clay HT	Protein	Latex 620	Borax	Berset	Ammonia	TSPP	DT 122	Choline Chloride	Barrie Late.
8-2-82	2814	1800	1320	90	45	48	30	108		
3	3283	2100	1540	105	53	56	35	126		
4	3283	2100	1540	105	53	56	35	126		
5	1407	900	660	45	22	24	15	36		
6	1876	3200	540	112	30	84	40	48		
7										
8										
9	1876	3200	540	112		84	40	48		
10	1876	3200	540	112	30	84	40	48		
11	2345	4000	675	140	38	105	50	60		
12	2977	2400	405	84	22	63	30	36		
13	938	1600	270	56	15	42	20	24		
14										
15										
16	3283	5600	945	196	53	147	70	11		
17	1407	2400	405	84	23	63	30	36		
18	1876	3200	540	112	30	84	40			
19	2345	3000	845	114	37	79	40	102		
20	1307	900	660	45	23	24	15	39		
21	5596	2300	1540	115	58	62	96	96		
22	1245	1500	1000	75	37	40	25	65		
23										
24										
25	2345	2500	930	101	38	66	35	39		
26	1876	3200	540	112	30	84	40	8		
27	1876	3200	540	112	30	84	40	30		
28										
29										
TOTAL	45831	52300	15975	2027	667	1379	766	1086		

5A 066558

	Camel white	NOPCOSANTK	Cellulose CMC-76	Latex 722	DC-111	Kelginal	PG 280	Calgon T	753 B Clinsize	FC-807	720 Scriptest	74 B Pencor	ATL A
2	300		30										
3	350	2											
4	3500		35						1800				
5	150		15						300				
6	100												
7													
8													
9	100												
0	100												
1	125												
2	75	9	17		24								
3	50												
4													
5													
6	175												
7	75												
8	100												
9	125		10										
0	150		15										
1	383		43										
2	250		100						900				
3													
4													
5	250		15										
6	100												
7	100												
8													
9													
	6550	11			24				3000				

5A 066559

74-B Pencor	ATLAS 239	NOPocide	Glycerine	LATex 6107	LATex 112	ELVAND 71-306	Berset 39	UVitex	Cellosize	PG	200	Sw. in NF	Hydroamp
													3500
				145		225							
				145		225							3500

MILL C

Hydrapulper - Report

August 82

Date	Gr. Prairie	WestVaco	Eddy	ASW	P.S.	Dontar	AHW	Celgar	Courtland	
8-2-83	24		30	126	43		6			
3	56			78	28					
4	56			117	46		14			
5	52	13		113	40					
6	52	16		150	51		2			
7				227	49		16			
8		17		134	37					
9		14		131	37					
10				127	40		18			
11				176	32		16			
12		39						39		8[illegible]
13			22					34		850
14			22					22		675
15			30		11			30		700
16			26					26		550
17					11			22		750
18				93	31			16		
19				129	43					
20				156	52		14			
21		14		129	43					
22		16		108	36					
23		16		117	39					
24		16		96	32					
25				123	41					
26				117	40		3			
27				120	40					
28				135	45					
29		36		160	28					
*	240	197	130	2862	895		89	189		
Total	130800	44813	59670	1402380	895	-	44500	87885		4825

SA 066561

	Broke	Southwest	Corkt. pp	(Bags) Mapico Yellow	Harma C	Cal Carbonate	Soda Ash	Pine S.W.	Western	Caribou	Terrace Bay		Date
2										24			8 2-8
3									12				3
4													4
5													5
6										85			6
7										64			7
8										68			8
9										56			9
10						5600				83			10
11										80			11
12	9000			54	160		800			30			12
13	21000			84	170		850						13
14	16500			66	135		675						14
15	22500			90	180		900						15
16	19500			78	170		850						16
17				66	150		750				22		17
18	12000			50							16		18
19	6500									65			19
20	7000									59			21
21	7000									64			21
22	8000									64			22
23	8000									64			23
24	8000									64			[illegible]
25	8000									80			[illegible]
[illegible]	23500									65			[illegible]
27	20000			36						74			[illegible]
[illegible]	18000			72						48			[illegible]
[illegible]	18000			72						48			29
										85	38		
	232500			668	476710	5600	4825		12	564060	19646	2,856,200	TAL
	+			+		+	+		5736				

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SA 066562

August 82

MILL D

Hydrapulper - Report

Date	ASW	AHW	Eddy	G.P Prairie	Westvaco	Reg. Broke	IV Red	Celgar	Caribou	[illegible]	[illegible]
8-2-82	100										
3	177	77		69							
4	140	42		35					93		
5	188	82									
6	186	148							72		
7	253										
8	313										
9	268							28		16	
10	243	18							45	7	
11	161	91							150		
12	196	94						24	130		
13	151	17		100	77				10		
14	174	13		45	88				25		
15	219	7		30	98				30		
16	216				103				85		
17	196	7			121				109		
18	170	78			6				114		
19	210	24		10				16	20		
20	240			55					45		
21	194	12		40					40		
22	150			35					115		
23	120			30					149		10
24	30								41		5
25	247								54		
26	285								10		
27	224	144							28		
28	161								100		
29	251	39							63		
*	5463	893		449	493			68	1526		
TOTAL	2676870	446500		244705	162197			31348	727328	12312	7755

2856200

SA 066563

	W/S	Courtland HW	willamette	Alum	canidian	Pasadena						Aug Date
2		66										528
3	6000	24										3
4	26000	84										4
5	27000	36										5
6	9400	8										6
7	18000	~~122~~										7
8	14000	107										8
9	3000	102										9
10	19000	88										10
11	16000				6							11
12	24000											12
13	10000											13
14	9000											14
15	3000											15
16	12000											16
17	18000											17
18	19000		6									18
19	17000		32									19
20	10000		58									20
21	9000		62									21
22	4000		88									22
23	19000		50			165						23
24	5000		83			20						24
25	11000											25
26	24000		173									26
27	19000		24									27
28	11000		135									28
29	1000		82									29
		637	[illegible]		6	[illegible]						
	363400	326781				98790						[illegible]

SA 066564

August 82

MILL D

Daily Chemical Report

Date	Glue	Size TANKS	Size RASIN	Clinco	Tita	Sodium Aluminate	Ca-	J-100 Bags
8-2-83	98			128	157	2		
3	171	4		174	128	1		
4	74	1		176		3	26	
5	98	4		156	127	2	26	
6	98	2		154	250			
7	122	1		194	260			
8	123	1		190	255			
9	121			182	250			
10	196	5			200			36
11	332	1		98	260			54
12	269	2		114	270			
13								
14								
15	196	3		176	356	1		
16	196			120	90	1		
17	122	3		122	124	1		
18	122	2		141	250	1	76	
19	122	3		111	247	1	13	
20	74	5		73	200			73
21	269	4		64	190			64
22	98	4			180			
23	98	4		144	200			42
24	294	5		160	210		39	
25	123	8		176	200		26	
26	146	6		192	190			
27				144	159			
28	122	3		168	96	2		
29	123	4		158	217	2		
TOTAL	3807	75		3515	5066	17	206	269

SA 066565

August 82

MILL C

COLORS

Date	Solar Blue	Black	Blue	Red	Yellow	Intra Lite Blue	Poutamine Green	Dry Orange
8-2	409	165		11				
3	173	126		8	2			
4	140	107		12	2			
5	164	18		8	2			
6	177	6		2				
7	122	89		4	15			
8	112	129		7	17			
9	273	67		8	22			
10	200	32		5	14			
11	147	61		9	37			
12		30		8	27	2878	1.875	
13						3658	2.375	
14						2670	1.875	
15						3710	2.625	
16						1671	2.727.8	
17						955	2.865	
18	67	5						
19	422	62	25					
20	111	45						
21	97	69			15			6
22	104	20						
23	212	107			15			7
24	155	35			16			8
25	320	51		9	30			
26	281	37		15	27			
27	361	79		11	12			
28	66	3						
29	121	3						
TOTAL	4234	1346	25	117	253	15542	38890	21

SA 866566

September 82

MILL D
Beater Room Report

DATE	ALUM	SIZE	CLAY	ANSILEX	AX	SCM	NALCO	yellow	Solar	[illegible]	orange
8-30	740	3180	2000	2250	8200		111	115		187	47
31	1560	8220	7350	1700	7650		288			102	[illegible]
9-1	2040	8780	10400	2600	8150		402	14	30	257	23
2	1600	5520	7750	2950	7300		282	17	28	217	33
3	1580	5280	9600	2350	6050		294	14	16	192	26
4	1660	6420	8650	2900	8900		267	38		181	14
5	1900	7580	10700	4400	8850		351	4	74	108	30
6	1800	11280	7400	4450	8900		354	9	160	57	21
7	1600	5640	7500	2250	4800		396	34		109	27
8	1790	10900	1150	1250	2950		351	105		126	33
9	1840	11300	9410	1350	2850		369	99		113	33
10	1505	12960	4170	3700	10355		273	9		137	26
11	1560	6980	4690	6085	5798		240	240		243	86
12	1880	6840	7460	3500			282	23		95	32
13	1730	10540	5010	2450			279	11		76	23
14	1885	11960	7070	1650			312	125		58	43
15	1910	7340	8300	1800			297	216		86	67
16	1960	6620	9910	3500			294	112		257	48
17	1680	6160	8320	2050	4415		306	37		165	34
18	2380	6380	8880	1700	3775		357	19		125	13
19	2055	7240	10010	1650	2625		270	31		111	10
20	2135	12260	9560	1400	4970		351	62		146	44
21	1900	5780	8580	2550	5050	200	288	173	23	171	63
22	2440	5760	9600	2475		3825	288	307	99	234	105
23/24	1910 / 1355	9080 / 9320	7650 / 3490	3050 / 1500		4600 / 5850	297 / 204	286 / 60	12	250 / 43	127 / 43
25/26	1850 / 2195	10200 / 9700	7210 / 9100	1550 / 1560		5110 / 4900	297 / 1889	57 / 44		108 / 181	38 / 40
27/28	1860 / 1600	6820 / 6180	9950 / 13150	3500 / 3960	5900 / 11250	3900	276 / 240	46 / 11	182	149 / 101	48 / 5
29/30	1780 / 1800	6740 / 6420	11860 / 9800	3850 / 2250	10350 / 7300		270 / 270	48 / 116		220 / 222	50 / 120
1	1580	5820	5990	3025	10500		222	138		198	73
2	1800	6780	7110	3625	3550		270	71	52	84	28
3	1900	11220	6600	1850	4500		303	16	107	122	25
TOTAL	62760	279400	284380	92760	164938	28385	11840	2707	788	5331	1504

SA 866567

MIL- C

September 82'

Daily Chemical Report

Date	ALUM 545	CLAY 3960	ROSIN SIZE 73	STAYSIZE lbs 107	CLINSIZE lbs 753	STAZYME lbs GA	STA/SIZE lbs 2	TITA lbs	ANSIZE x lbs	DE FOAMER 791	KAL 8.55
8-30	484	5	135			11700		3200	900	20	75
31	477	5	115			10400		1150	400	20	75
9-1	298	3	137			6500		4150	1200	20	75
2	894	2	117			7800		11450	3675	20	75
3	487	4	76			9100		7125	2475	20	75
4	347	5	104			10400		3500	1250	20	50
5	536	4	103			9100		4000	2000	20	50
6	357	5	107			10400		3200	1450	20	75
7	298	6	113			9400		5000	2075	20	75
8	536	7	120					4500	1925	20	75
9	358	5	130					7050	2100	20	75
10	536	2	112		2000			7800	1400	20	50
11	477	4	122					5200	1200	20	50
12	536	4	166			5300		3700	1025	20	75
13	299	3	111		1200	10100		2100		20	75
14	676	1	115			10400		2700	3350	20	50
15	537	5	118			11700		3700	700	20	75
16	477	5	77			7300		2400	1200	20	25
17	555	6	114			9100		2850	800	20	75
18	577	6	101			7800		600	350	20	50
19	345	6	125			6500		5000	1000	20	25
20	535	5	133			6500		9600	2600	20	50
21	475	9	108			9100		4150	1500	20	50
22	1350	12	143			11700		7650	1550	20	100
23/24	500 / 400	12 / 7	152 / 148			13000 / 13000		10300 / 11900	4400 / 5300	20 / 20	30
25/26	500 / 353	8 / 7	123 / 116			9100 / 9100		12150 / 5400	5100 / 2250	20 / 20	50 / 50
27/28	357 / 507	7 / 10	96 / 150			7800 / 9100		4800 / 6300	2000 / 2775	20 / 20	25 / 75
29/30	504 / 656	6 / 7	136 / 145		1200	6200 / 9100		1100 / 4850	500 / 1650	20 / 20	50 / 50
1	298	4	135			8000		7450	3150	20	50
2	477	6	132			7800		7950	3300	20	25
3	476	6	127			7800		3600	900	20	50
TOTAL	12505	199	4262		4400	280300		186975	67950	700	2000 / 1975

SA 866568

Se

Date	Blue	Camel White	LW	Ti Pure
5-30	309			
31	184			
9-1	172			
2	212			
3	118			
4	67			
5	140			
6	131			
7	138			
8	211			
9	240			
10	300			
11	107		10440	
12	202		7927	
13	208		9900	
14	138		3735	720
15	42		5423.5	
16	334		10505	
17	370		2165	
18	239			
19	163			
20	276			
21	252		1620	
22	81		2835	
23/24	220 123		2610	
25/26	246 486			
27/28	151 237			
29/30	96 128			
1	92			
2	140			
3	306			
TOTA	6859		57160	720

SA

066569

September 82

MILL D
Beater Room Report

DATE	ALUM	SIZE	CLAY	ANSILEX	AX	SCM	NALCO	yellow	Solar Cl	Cl	orange
8-30	740	3180	2000	2250	8200		111	115		187	47
31	1560	8220	7350	1700	7650		288			182	[illegible]
9-1	2040	8780	10400	2600	8150		402	14	30	257	23
2	1600	5520	7750	2950	7300		282	17	28	217	33
3	1580	5280	9600	2350	6050		294	14	16	172	26
4	1660	6420	8650	2900	8700		267	38		181	14
5	1900	7580	10700	4400	8850		351	4	74	108	30
6	1800	11280	7400	4450	8900		354	9	160	57	21
7	1600	5640	7500	2250	4800		396	34		109	27
8	1790	10900	11150	1250	2950		351	105		126	33
9	1840	11300	9410	1350	2850		369	99		113	33
10	1505	12960	4170	3700	10355		273	9		137	26
11	1560	6980	4690	6085	5798		240	240		243	86
12	1880	6840	7460	3500			282	23		95	32
13	1730	10540	5010	2450			279	11		96	23
14	1885	11960	7070	1650			312	125		58	43
15	1910	7340	8300	1800			297	216		86	67
16	1960	6620	9910	3500			294	112		257	48
17	1680	6160	8320	2050	4415		306	37		165	34
18	2380	6380	8880	1700	3775		357	19		125	13
19	2055	7240	10010	1650	2625		270	31		111	10
20	2135	12260	9560	1400	4970		351	62		146	44
21	1900	5780	8580	2550	5050	200	288	173	23	171	63
22	2440	5760	9600	2475		3825	288	307	99	234	105
23/24	1910 / 1355	9080 / 9820	7650 / 3490	3050 / 1500		4600 / 5850	297 / 204	286 / 60	12	250 / 43	127 / 13
25/26	1850 / 2195	10200 / 9700	7210 / 9100	1550 / 1560		5110 / 4900	297 / 1889	57 / 44		108 / 181	38 / 40
27/28	1860 / 1600	6820 / 6180	9950 / 13150	3500 / 3960	5900 / 11250	3900	276 / 240	46 / 11	182	149 / 101	48 / 5
29/30	1280 / 1800	6740 / 6420	11860 / 9800	3850 / 2050	10350 / 7300		270 / 370	48 / 116		220 / 222	50 / 120
1	1580	5820	5990	3025	10500		222	138		198	73
2	1800	6780	7110	3625	3550		270	71	52	84	28
3	1900	11220	6600	1850	4500		303	16	107	122	25
TOTAL	62760	279400	284380	92760	164938	28385	11840	2707	788	5331	1504

SA 866578

	Blue	Camel White	LW	Tipure
-30	309			
31	184			
-1	172			
2	212			
3	118			
4	67			
5	140			
6	131			
7	138			
8	211			
9	240			
10	300			
11	107		10440	
12	202		7927	
13	208		9900	
14	138		3735	720
15	42		5423.5	
16	334		10505	
17	370		2165	
18	239			
19	163			
20	276			
21	252		1620	
[illegible]	81		2835	
24	220 123		2610	
26	246 486			
28	151 237			
30	96 128			
1	92			
[illegible]	140			
[illegible]	306			
	6859		57160	720

Se

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8-3
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23/2
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Tot

SA 066571

MILL C

September 82

Daily Chemical Report

Date	ALUM 545	Clay 3960	Rosin Size 7.3	Staysize lbs 107	Clinsize lbs 753	Stazyme lbs GA	Staysize lbs 2	Tita lbs	Ansilex lbs	De Foamer 791	Kal 8.55
8-30	484	5	135			11700		3200	900	20	75
31	477	5	115			10400		1150	400	20	75
9-1	298	3	137			6500		4150	1200	20	75
2	894	2	117			7800		11450	3675	20	75
3	487	4	76			9100		7125	2475	20	75
4	347	5	104			10400		3500	1750	20	50
5	536	4	103			9100		4000	2000	20	50
6	357	5	107			10400		3200	1450	20	75
7	298	6	113			9400		5000	2075	20	75
8	536	7	120					4500	1925	20	75
9	358	5	130					7050	2100	20	75
10	536	2	112		2000			7800	1400	20	50
11	477	4	122					5200	1200	20	50
12	536	4	166			5300		3700	1025	20	75
13	299	3	111		1200	10100		2100		20	75
14	676	1	115			10400		2700	3350	20	50
15	537	5	118			11700		3700	700	20	75
16	477	5	77			7300		2400	1200	20	25
17	555	6	114			9100		2850	800	20	75
18	577	6	101			7800		600	350	20	50
19	345	6	125			6500		5000	1000	20	25
20	535	5	133			6500		9600	2600	20	50
21	475	9	108			9100		4150	1500	20	50
22	1350	12	143			11700		7650	1550	20	[illegible]
23/24	500 / 400	12 / 7	152 / 198			13000 / 13000		10300 / 11900	4400 / 5300	20 / 20	30
25/26	500 / 353	8 / 7	123 / 116			9100 / 9100		12150 / 5400	5100 / 2250	20 / 20	50 / 50
27/28	357 / 537	7 / 10	96 / 150			7800 / 9100		4800 / 6300	2000 / 2775	20 / 20	25 / 75
29/30	504 / 656	6 / 7	136 / 145		1200	6200 / 9100		1100 / 4250	500 / 1650	20 / 20	50 / 50
1	298	4	135			8000		7450	3150	20	50
2	477	6	132			7800		7950	3300	20	25
3	476	6	127			7800		3600	900	20	50
TOTAL	12505	199	4262		4400	280300		186975	67950	700	2000 ~~1975~~
										577	17100

5A 866572

	Nalco	Paramel	Alum mach	Clay Tank	Clinco 345-D	Calcium Cloride	Soda Ash	Douglas Starch	Alpha Size	Color	Total
				10					8.72/gal		
	147		3	3000							
	123		3	2500							
	108		2	1700							
	90		5	1100							
	105		2	3500					51 gal		
	156		3	2400							
	156		3	2700							
	159		2	2500							
	153		2	2300				1000			
	141		3	3000				14300			
	84		2	2500				10400			
	66		3	1500				2600			
	81		3					6500			
	96		3	2400				5400			
	120		2	2400							
	135		3	1100							
	132		3	3700							
	144		3	2900							
	108		4	2800							
	138		3	3200							
	126		2	4200							
	156		3	2500							
	232		3	1500							
	224		3	3000							
	240 252		3 2	3000 2600							
	240 198		3 2	3100 3300							
	150 123		2 3	3300 4100							
	144 141		3 4	2700 2800							
	126		2	1800							
	132		3	2700							
	144		3	2200							
	5070 ✓		98 +	90800 ✓				40200 ✓	51 ✓	55864 ✓	1693285
				908,000 ✓					445 ✓		

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TOTA

SA 066573

September 82' Blade Coater Chemicals

Date	clay H1	Protein	Latex 620	Borax	Berset	Ammonia	TSPP	DF 122	Choline Chloride	Barote	Latex 68
8-30	2345	2000	1015	88	37	53	[illegible]	84			
31	2189	1200	988	60	30	35	28	76			
9-1	3492	1300	1258	63	21	56	68	74			
2	2845	1800	1320	90	45	50	30	9			
3	1876	2700	625	99	30	71	35	5	11	10	
4											
5											
6											
7	2345	4000	675	140	38	105	50	5			
8	1876	3200	540	112	30	84	40	4			
9	1407	900	660	45	8	24	15	5			
10	2345	1500	1100	75	38	40	25	8			
11											
12											
13	2814	1800	1320	90	45	48	30	118			
14	2345	1500	1100	75	38	40	25	90			
15	1876	1200	880	60	30	32	20	72			
16	3283	5100	1030	183	52	134	65	70			
17	1876	3200	540	112	30	84	40	48			
18											
19											
20	3752	2400	1760	120	60	64	40	12			
21	2814	1800	1320	90	45	48	30	9			
22	1407	1900	490	57	23	50	25	4			
23/24	1876 / 1408	2400 / 900	880 / 655	60 / 45	30 / 23	74 / 23	20 / 14	6 / 5	9	14	330
25/26											
27/28	1656 / 2562	2080 / 1500	622 / 1100	81 / 75	23 / 38	56 / 48	25 / 25	4 / 8	14	24	30
29/30	2345 / 2345	1500 / 1500	1100 / 1100	75 / 75	38 / 39	40 / 40	25 / 25	8 / 8			
1	938	200	362	10	5	11	19	20			
2											
3											
TOTAL	54077	47580	22440	1980	745	1310	749	722	34	68	630

SA 066574

	Camel white	NORCOSANTK	Cellulose CMC-76	Latex 722	DC-111	Kelginal	PG-280	Calgon T	Clinsize 753-B	FC-807	Scriptest 720	Pencor 74-B
30	225		20		5	7.5						
31	200		20									
	561	2	15	88	35	67						
	300		30	55								
	125		5									
	125											
	100											
	150		15									
	250		25						4000			
	300	2	30				400		900			
	250		25						1500			
	200		20									
	200		5									
	100											
	400		40									
	300		30									
	25		5									
	200 / 250		20 / 14									
	400 / 275	1	5 / 25	56 / 144			100					
	250 / 250		25 / 25									
	33		3		20	20						
	5369		402	3	60	162			100			

ATLA

SA 066575

Pencor 74-B	ATLAS	NOPocide	LATex 112	LATex 6107	LATex 483	ELvand 71-306	Caustic	UVitex	Airflex	PG200	Sodium Nitr	261-L
								17				
								119				
					223							
											4800	
							27		40			110
							45					
			100	82								
			100	82	223		72	136	40		4800	110

SA 066576

September 82' MILL C Hydrapulper Report

Date	Gt. Priarie	West Vaco (329)	Eddy (459)	ASW (490)	P.S. (500)	Dontar	AHW	Celgar	Courtland	Calcium Chloride	Champion
8-30		16		133	38						
31				105	35						
1		3		117	19		3				
2		37		108							
3		16		105	18						
4				141	47						
5		22		163	41						
6		29		153	34						
7		20		138	29						
8		19		114	34						
9		14		107	33						
10		17		105	9						
11		26		114	27						
12		32		125	41						
13				102	34						
14		56	51	104	42						
15			10	129	43						
16		6	78	141	45						
17				137	34						
18				120	40						
19				48	16		15				
20				108	32						
21				133	39		24				
22				179	47		13				
23/24				149 180	43 60		17				
25/26				120 118	34 34		18 16				
27/28		26 35		92 130	25 10		17				
29/30		6		121 129	28 43						
1				108	40						
2				111	37						
3				132	44						
TOTAL		380	139	4319	1175		123				

	Broke	Southwest	Corktipp	(Bags) Mapico Yellow	Harmac	CAL. Carbonate	Soda Ash	Pine Sw.	Western	476 Cariboo	517 Terrace Bay	500 Southern HW
30	18000			72						48		
31	16500			66						44		
1	12000			48						42		
2										90		8
3	15500									75		
4	7500									70		
5	16000									75		
6	10500									85		
7	17000									100		
8	4000									61		
9										61		
10	21000									68		
11	17000									68		
12	6000									68		
13	18000			72						51		
14	27500			84						20		
15	8000			60								
16	4000			78								
17				72							72	
18	26000			78							65	
19	17000			60						60	50	
20	11000									44	48	
21	4000										48	
22	38500										15	
24	26000									22 34	22 34	11
26										36 32	36 32	
28	11000			24						68 106		
30	18500 13000			90 78						60 52		
1	17000			102						68		
	12000			72						48		
	8000			48						32		
	420500			1104						1688	422 ~~393~~	19
	x			x						803,488	218,174	9500

TOTAL 3,397,793

Dat
8-
23/2
25/2
27/2
24/3
TOTAL

5A 066578

500

September 82

MILL D
Hydrapulper - Report

Thern HW	Date	ASW	AHW	Eddy	G.P. Prairie	Westvaco	Reg. Broke	IV Red	Celgar	Carioca	Champion S.W.	Tarr. Cty
	8-30	148	8							180		
	31	90	60							126		
	1	221	80						9	98		
8	2	230	67							63		
	3	240	65							79		
	4	240	70							110		
	5	220	79							157		
	6	100	75						20	189		
	7	160	63						73	28		
	8	150	109							149		
	9	93	141						24	77		
	10	107	108							156		
	11	176	68							71		
	12	176	124							72		
	13	108	110	54						112		
	14	198	134							112		
	15	246	142							32		
	16	294	86									
	17	166	120								122	
	18	190	238								88	
	19	252	216							24		
	20	100	188							192	12	
	21	208	158							54		
	22	243	201									
1	23/24	135	75	48 188								11
	25/26	73 184	7 50	128 16		178						78
	27/28	199 162	121 86			8				40		94 60
	29/30	178 144	106 38							102 110		
	31	120	76							112	11	
	2	165								80		
	3	107								172	1	
19	TOTAL *	2853270	1624500	199206	-	61194			58086	1759772	120042	125631

SA 066579

	W/S	Courtland HW	Willamette	ALUM	Canidian ED	Pasadena (SCD)	Crustbrook
30	19000		84				
31	19000						
1	13000						
2	10000						
3	16000						
4	4000						
5	—						
6	—						
7	16000						
8	23000						
9	20000						49
10	25000						90
11	6000						17
12	1000						
13	10000						
14	20000						
15	8000						
16	11000					16	
17	11000						
18	—						
19	—						
20	—						
21	—						
22							
23/24	—				48		
25/26	—					86	
27/28							
29/30	2000		68				
1	27000		16				
2	33000		104				
3	23000		186				
	316000		374		48	53754	78780

September 82'

MILL D

DAILY Chemical Report

Date	Glue	Size Tanks	Size Basin	Clinco	Tita	Sodium Alominate	Salt	Bags J-100
8-30	122	4		144	164	1		
31	98	2		124	260		33	
1	123	2		187	163		13	
2	98			112	149	1		
3	171	2		137	270			
4	147	1		158	250			
5	196	.5		144	270			
6	147	.5		112	260			
7	97	2		125	100			
8	123	2		144	260		39	
9	122	2		140	240		39	
10	147			128	208			
11	123	4		96	318	1		
12	98	3		192	104	1		
13	122			104				
14	74	7		160	85	1	26	
15	98	3		192	104	1		
16	122	3		128	200	1		
17	98	6		156	160			
18	146	6		160	200			
19	196	6		176	190		26	
20	98	7		160				
21	89	7		160	200			
22	122	6		121	200		52	26
23/24	122 122	6 8		176 104	200 137	1	26 52	
25/26	74 147	25 4		134 142	103 98		39 13	
27/28	122 147	23 2		176 142	201 207	2		
29/30	147 147	2 2		142 172	221 158	2		
1	245			286				
2								
3	147	360		174	250		65	
TOTAL	4890	494		5212	5975	12	423	26

SA 866581

September 82

MILL C

COLORS

Date	Solar Blue	Black	Blue	Red	Direct Yellow	Intra Blue	Poultry Green	Orange	MAPICO
8-30	314	17					spoons		
31	119	27							
1	97	63			22			11	
2	16	109		3	58			23	
3	33	105		6	51			15	
4	47	125		10					
5	48	131		12					
6	39	123		9	8				
7	43	124		9	126				
8	94	50		11	83				
9	146	87			8				
10	84	125		13	9				
11	193	75		11	10				
12	69	94		8	18				
13	37	65							
14	9	18		4	27				
15	19	134							
16	4	156			11				
17	52	129		5					
18	310	94		18					
19	177	92			52			14	
20		163			167		[illegible]	33	
21	479	98		2	230			28	
22	140	103		.25	517			30	
23/24	247 119	183 70		7	28 53			1	
25/26	221 294	36 23			63 81				
27/28	265 209	16 26			80 74		52 178		
29/30	75 105	38 52	2				75 74		
X1	19	142			1		168		
2	2	185			8		220		
3	261	78			5				
TOTAL	4647	3156	2	128.25	1790		767	155	50#/Bag 1104 Bags
	[illegible]	197		8	111		48	10	55200

TOTAL [illegible]

5A 066582

October 82

MILL D
Beater Room Report

(Chemicals ... B

Date	Alum	Size	Clay	Ansilex	AX	SCM	Nalco	Yellow	Solar Blue	Black	Orange
10-4							357	12	33	159	23
5							285	9	172	152	27
6							324			142	28
7							339	213		125	60
8							390	75		69	11
9							447	95		90	7
10							492	127		121	14
11							522	110		114	20
12							342			189	60
13							483	114		189	32
14							486	485		279	127
15							354	423		218	122
16							294	234	43	190	90
17							327		22	243	20
18							312		34	113	9
19							276	4	63	129	24
20							294	78	158	257	49
21							282	78		245	56
22							312		150	137	3
23							345	225	31	44	18
24							315	143	34	75	21
25							309	230		35	8
26							315	41	24	46	2
27							252	1	91	178	
28							294	8		128	5
29							321			32	
30							294	212	9	246	97
31							273			78	2
Total							9636	2917	864	4023	935

5A 066583

MILL C

October 82 Daily Chemical Report

DATE	ALUM 5.45	CLAY 3960	ROSIN SIZE 7.3	STAYSIZE 1 lb 107	CLINSIZE 1 lb 753	STAZYME 1 lb GA	STAYSIZE 1 lb 12	TITA 1 lb	ANSILEX 1 lb	DEFOAM 7.91	KAL 64 8.55
10-4	656	9	139			10400		3200	600	20	25
5	536	9	138			9100		4900	1800	20	50
6	656	10	166			11700		4550	2100	20	25
7	600	11	153			11800		4260	2100	20	25
8	416	9	219		3600	5100		6250	2700	20	75
9	656	9	174		2000	7800		5825	1925	20	50
10	476	4	142		1800	1800		3600	1350	20	75
11	537	5	164		2000	9400		4625	1175	20	50
12	357	6	144		2200	5200		4400	1050	20	50
13	537	6	200					3675	1075	20	50
14	715	9	202			1300		1425	475	20	50
15	338	6	115			10400		5950	450	20	50
16	655	6	135			7800		6300	500	20	50
17	656	7	131			9100		6275	475	20	50
18	477	5	116			5200		3825	675	20	50
19	536	7	146			7800		1250	475	20	50
20	536	5	137					3550	1500	20	50
21	388	5	121					3125	1413	20	25
22	417	1	112					19000	5100	20	50
23	477	5	116					6275	1925	20	50
24	536	6	128					5550	1925	20	50
25	179	1	55					2550	1000	20	25
26	298	1	41		2300			3975	1125	20	
27	291	2	77		2000			4325	1175	20	
28	79	2	27					2875	825	20	25
29	279	3	41		2000			625		20	25
30	238	3	65		4000			3600	1200	20	
31	179	4	61		2000			2600	900	20	25
TOTAL	12701	156	3465		23900	113900		128360	37013	560 ~~620~~	1100
	69220	617760 X	25295							4430	9405

DATE	Blue	camel white
10-4	301	
5	198	
6	314	
7	582	
8	193	
9	173	
10	128	
11	213	
12	202	
13	412	
14	45	
15	205	
16	264	
17	255	
18	230	
19	109	
20	248	
21	448	
22	627	
23	180	
24		
25	168	
26	159	
27	214	
28	221	
29	421	
30	294	
31	379	
TOTAL	7183	

October 82

MILL D
Beater Room Report

Date	Alum	Size	Clay	Ansilex	AX	SCM	Nalco	Yellow	Solar	Black	Orange
10-4							357	12	33	159	22
5							285	9	172	152	27
6							324			142	28
7							339	213		125	60
8							390	75		69	11
9							447	95		70	7
10							492	127		121	14
11							522	110		114	20
12							342			189	60
13							483	114		189	32
14							486	485		279	127
15							254	423		218	122
16							294	234	43	190	90
17							327		22	243	20
18							312		34	113	9
19							276	4	63	129	24
20							294	78	158	257	49
21							282	78		245	56
22							312		150	137	3
23							345	225	31	44	18
24							315	143	34	75	21
25							309	230		35	8
26							315	41	24	46	2
27							252	1	91	178	
28							294	8		128	5
29							321			32	
30							294	212	9	246	97
31							273			78	2
Total							9636	2917	864	4023	935

SA 066586

	Blue	Camel White
4	301	
5	198	
6	314	
7	582	
8	193	
9	173	
10	128	
11	213	
12	202	
13	412	
14	45	
15	205	
16	264	
17	255	
18	230	
19	109	
20	248	
21	448	
22	627	
23	180	
24		
[illegible]	168	
[illegible]	159	
[illegible]	214	
28	221	
29	421	
30	294	
[illegible]	379	
T	7183	

DAT
10-
TOTA

SA 066587

MILL C

October 82 Daily Chemical Report

DATE	ALUM 5.45	CLAY 3960	Rosin Size 7.3	Staysize 1bs 107	Clinsize 1bs 753	Stazyme 1bs 64	Staysize 1bs 2	Tita 1bs	Ans Lex 1bs	De Foamer 791	Kal 64 855
10-4	656	9	139			10400		3200	600	20	25
5	536	9	138			9100		4900	1800	20	50
6	656	10	166			11700		4550	2100	20	25
7	600	11	153			11800		4260	2100	20	25
8	416	9	219		3600	5100		6250	2700	20	75
9	656	9	174		2000	7800		5825	1925	20	50
10	476	4	142		1800	1800		3600	1350	20	75
11	537	5	164		2000	9400		4625	1175	20	50
12	357	6	144		2200	5200		4400	1050	20	50
13	537	6	200		--			3675	1075	20	50
14	715	9	202			1300		1425	475	20	50
15	338	6	115			10400		5950	450	20	50
16	655	6	135			7800		6300	500	20	50
17	656	7	131			9100		6275	475	20	50
18	477	5	116			5200		3825	675	20	50
19	536	7	146			7800		1250	475	20	50
20	536	5	137					3550	1500	20	50
21	388	5	121					3125	1413	20	25
22	417	1	112					19000	5100	20	50
23	477	5	116					6275	1925	20	50
24	536	6	128					5550	1925	20	50
25	179	1	55					2550	1000	20	25
26	298	1	41		2300			3975	112[illegible]	20	
27	291	2	77		2000			4325	1175	20	
28	79	2	27					2875	825	20	25
29	279	3	41		2000			625		20	25
30	238	3	65		4000			3600	1200	20	
31	179	4	61		2000			2600	900	20	25
TOTAL	12701	156	3465		23900	113900		128360	37013	560 ~~620~~ 4430	1100 9405
	69220	617760 X	25295								

10

	Nalco	Paraniel	Alum Mach	Clay Tank	Clinco 345D	Calcium Chloride	Soda ASH	Douglas Starch	Alpha Size	Penford Gum	compacted nitron
4	210		4	4200							
5	213		3	3600							
6	246		4	4300							
7	246		3	3500							
8	216		3	3600							
9	198		4	3700							
10	201		3	3100				4700			
11	165		3	2300							
12	72		2	2900							
13	138		3	2800				9100			
14	144		4	3900				11700			
15	108		2	2800						1600	
16	144		4	2800							
17	144		4	4000							
18	102		3	2400							
19	162		3	3500				3900			
20	72		3	2300				7800			
21	132		3	1900				5200			
22	12		2	500		from C Hydrophilic		7800			275
23	150		3	2500				7800			275
24	195		3	3500				9100			
25	48		1	900		600		1300			
26	–		2	800		650					
27	–		1	800							
28	–		1	1100		850					
29	–		1	1300		775					
30	48		1	1800		875					
31	66		1	2000		700		2700			
	3432 ✓			72800 728,000 ✓		4450 ✓		71100 ✓		1600 ✓	550 ✓

colors 1845 ✓

+

Total 1220105

1221950

SA 066589

October 82 Blade Coater Chemicals

Date	Clay Ht.	Protein	Latex 620	Borax	Berset	Ammonia	TSPP	DF 122	Choline Cloride	Bacote	Latex 483
10-4	3752	2400	1760	120	60	40	40	144			
5	2345	2000	1015	88	37	53	20	90			
6	1876	3200	540	112	30	84	40	48			
7	192					2				6	119
8	469	300	220	15	8	8	5	12			
9											
10											
11	2814		1320	90	45	48		108			
12	1228	600	440	30	15	16	10	36			
13	2105	1200	1097	60	30	38	36	7			
14	938	200	362	10	5	11	19	2			
15											
16											
17											
18	1876	1200	880	60	30	32	20	48			
19	938	600	440	30	15	16	10	24			
20	1193	600	560	30	15	31	10	36			
21	639	300	300	15	8	18	5	20			
22											
23											
24											
25	938	600	440	30	15	16	10	24			
26	938	600	440	30	15	16	10	24			
27	469	300	220	15	8	8	5	12			
28	313	200	145	10	5	5	3	9			
29											
30											
31											
TOTAL	23023	14300	10179	745	341	442	243	644		6	119

colors 1845 ✓

+

Total 220105

221950

	Camel White	NOPcosant K	Cellulose CMC-26	Latex 722	DC-111	Kelginal	PG-280	Calgon T	Clinsize 752 B	FC-802	Scriptest 720	Pencor 74 B	PARACC ~~ATL~~
1	392		40										
2	225	1	20										
3	100			28									
4													
5	50	2	5						3500				
6													
7													
8	300		30						4800				
9	200		10										
10			20		10	20							
11	33		3		10	20							
12													
13													
14													
15	200		20							50			
16	100		10										
17	1000	3	10		12		1200	9					
18	650	2	5		8		800	6					
19													
20													
21													
22	100		10										
23	100	10											
24	50		5										
25	50		3										
	3550	18	191	28	40	40	2000	15	8300	50			

5A 066591

Pencor 74-8	PARACOL ~~ATLAS~~	NOPocide	Glycerine	Latex 610	BERDONO ~~Latex~~ 12	Elvano 71 306	Berset 39	UVI[illegible]	Cel[illegible]	PE[illegible]	[illegible]	[illegible]
				82								[illegible]
	22				440						4200	
											5700	
								34				
		2										
	22	2		82	440			34			9900	25

October 82

MILL C

Hydrapulper Report

DATE	Gr Pairie	westvaco	Eddy	ASW	P.S	Harmac	AHW	Celgar	Courtland	[illegible]
10-4		7		187	51		18			
5		58		182	37					
6		66		228	25					
7		27		108	60					
8		16		166	59					
9		64		213	64					
10		14		124	50		9			
11		40		18	27		6			
12		12			39					
13				114	57					
14		9		153	67					
15		30		114	45					
16				51	62					
17					59					
18		14			45					
19		24			41					
20		8			16			40		
21		14								
22		17		81				18		
23		13		37	32			32		
24		23		21	42			50		
25		27		19		120		68		600
26		15		15		190		60		650
27										
28		10		10		170		40		8[illegible]
29		4		68	17	155		20		775
30		25		76	2	175				875
31		31		51	3	140				700
Sub T		569		2046	900	950	33	328		4150
Total		187201		1002540	900	469500	16500	152192		

m Chemicals

SA 066593

	Broke	Southwest	Corkt. pp	(Bags) MA pico yellow	Pasadena	Cal carbon	Soda Ash	Pine SW	Western	Cariboo	Terrace Bay	[illegible]	Da
4	20500									28			10-
5										68			5
6	31200												6
7								95					7
8								68					8
9													9
10					28			36		28			10
11								158		12			1
12								155					1
13								76					1
14								76					1
15								68					1
16	15000							245					1
17	13000							194					1
18								107		20			1
19	21000							201					1
20	36200							166					2
21	33000				15			104		56			2
22	16000									114			2
23	14600							84		36			2
24								114					2
25							600						2
26							650						2
27													2
28							850						2
29	5000					2600	775						2
30	4500						875						3
31	13000						700	18					3
	223000				43	2600	4450	1965		362			Sub.
	[illegible]				22962	[illegible]	4450	1965		172312			TOTAL

SA 066594

October 82

MILL D

Hydrapo[illegible] [illegible]

Date	ASW	AHW	Eddy	G.P. Prairie	Westvaco	Reg. Brike	[illegible] Red	Celgar	Ca[illegible]	
10-4	199								106	
5	234								12	
6	241									31
7	238									34
8	210									30
9	189									57
10	207	16							48	35
11	211	26							90	21
12	190	12						24	12	26
13	266									14
14	251									13
15	249	113						30		
16	223	81						24		
17	196	24						60		
18	181	121						115		4
19	186	28						24		19
20	225	140								12
21	266	88								12
22	247				255					36
23	224				268					18
24	218	16			246			24		
25	214		86		188					22
26	209	12	54		96					23
27	134				172			100		12
28	159				188			30		
29	259	174								4
30	144	118						132		
31	70	43						169		
Sub. Tot.	5840	1012	140		1413			732	268	413
TOTAL	2861600	506000	64260		464877			337452	127568	211869

SA 066595

W/S	NW Courtland	Willamette	ALUM	Canidian	Pasadena	Crestbrook	choppers Rolle	Pine
31000		151						
26000		122						
28000		136						
31000		136						
31000		120						
33000		87						
22000		104						
14000		96						
13000		112						
12000		152						
12000	144							
–	40							
–	80							
–	152						6	
–	45						19	
–	22	100						
–								
–		54						
25000								14
29000								9
12000								6
5000	82							8
324000	965	1370					25	37
	289845							

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Date
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SA 866596

October 82

MILL D

DAILY Chemical Report

Date	Glue	Size TANKS	Size [illegible]	Clinco	Tita	Sodium Aluminate	SALT	J-100
10-4	95	10		128	270		13	
5	149	2		146	260			
6	147	2		192	250			
7	123	1		186	260			
8	122	2		192	113	1		
9	123	4		260	142	1		
10	122	6		204	155	1		
11	123	8		160	127	1		
12	147	3		188	152	1		
13	147	2		192	192	1		
14	147	4		128	252	1		
15	147	6		154	200			
16	196	4		196	200			
17	147	5		192	190		39	
18	147	5		176	200		52	
19								
20	147	6		176	210			
21	147	5		112	200			
22	244			176	166			
23	98	1		176	48	1		
24	147	5		206	78	2		
25	98	2		214	70	3		
26	74	3		144	44	2		
27	49	1		80	113	3		
28	147	4		144				26
29	73	2		212	250			
30	123	1		200	260			
31	73	2		156	260			
TOTAL	3502	96		4690	4662	18	104	26

SA 066597

OCTOBER 82

MILL C COLORS

Date	Solar Blue	Black	Blue	Red	Yellow	Intra Blue	Pout Green	Pry Orange	Mapico
10-4	43	95			241		50	19	
5	348	31			37				
6	728	120					242		
7	555	152		2					
8	462	276		6					
9	268	249		9					
10	130	166		13					
11	99	87		5	20				
12	210	115		3	27				
13	336	127		5	19				
14	304	151			19				
15	24	136			39				
16		182			42				
17		150	7		23				
18	16	130		2	168				
19	201	146			18				
20	268	159		5	29				
21	78	130		2	4				
22	172	188		19	1				
23	101	253		19	12				
24	320	224		9	194	oz	Pontanine green oz	14	
25		44		4	263	2584	5.25	23	
26	10	23		12		2328	5.6		
27		51		13	5	2888	1.125		
28		33		8	14	3144	7.875		
29	28	26				2788	7.5		
30	126	206		3		3272	8.25		
31	182	215				2222	7.875		
TOTAL	5009 ÷16	3865	7	139	1175	19226 oz	43.475	56	
*	313	242	7	9	73	1201	3	4	

29520 18

1845

SA 066598

MILL D

NOVEMBER 82'

Beater Room Report

DATE	Brown	Nalco	Camel White	Blue	Yellow	Solar Blue	Black	Orange
11-1-82		279		342		21	161	5
2		261		493	9		163	5
3		243		346		109	220	13
4		231		352			137	14
5		237		244	12	5	283	19
6		276		252	3	53	378	41
7		264		92	13	75	354	21
8		249		37	29	212	323	26
9		168		23	2	119	281	20
10		15		63		125	294	10
11				203	187	173	183	36
12				273	2	147	84	8
13				365			131	29
14				234	9		129	30
15				212	9		116	33
16	108			150	10	60	33	30
17				164	9	59	157	27
18				119	4	156	156	28
19				254		159	244	36
20				136	262	108	131	58
21				181	171	68	86	44
22				163	27	33	86	25
23				159		325	165	20
24				153		151	167	30
25				337		61	274	28
26				365		67	188	35
27				145	22	376	144	20
28				179	185		219	55
TOTAL	108	2223		6036	965	2662	5307	746

SA 066599

NOVEMBER 82 MILL C

Daily Chemical Report

DATE	Alum 545	Clay 3960	Rosin Size 7.3	Staysize 107	Clinsize 753	Stazyme GA	Staysize 112	Tita	Ansilex	Deformer 7.91	Kal. 64 8.55
11-1-82	357	8	133					1950	450	20	25
2	537	8	184					2850	1400	20	25
3	257	6	148					2850	850	20	25
4	270	7	146					5850	2650	20	25
5	1152	8	187					5000	2375	20	25
6	526	6	223					3800	1675	20	25
7	715	8	236					3800	1650	20	25
8	274	7	202					2550	2000	20	50
9	464	6	172					3000	1875	20	50
10	371	5	191					2750	2075	20	50
11	596	1	168					2550	1400	20	50
12	715	7	166					3700	2000	20	50
13	298	4	73					5450	3400	20	50
14	655	1	149					5250	3000	20	50
15	716	2	115					6850	3600	20	50
16	612	4	168					9400	4350	20	75
17	894	6	175					8750	3725	20	100
18	894	10	167					1925	450	20	75
19	397	9	140					-		20	75
20	655	13	108					1200		20	25
21	537	8	135			5300		425		20	25
22	477	2	152			5200		3875	1200	20	-
23	834	2	151			3000		2925	975	20	
24	596	6	207			3900		3375	1125	20	75
25	596	6	201			6500		3475	1125	20	50
26	641	9	169			11700		5150	1550	20	50
27	715	10	173		1200	8800		3250	975	20	50
28	477	8	145			2700		8550	1450	20	75
TOTAL	16228	177	4584		1200	47100		110500	47325	560	1250
	88443	700920	33463							4430	10688

SA 066600

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Nalco	Paramel	Alum Mach	Clay tank	Clinco 345 D	Calcium Cloride	Soda Ash	Douglas Starch	Alph Size	Penford Gum	Colors	Total
111		2	3700				8000				
144		3	3500				9100				
165		2	3100				10400	33			
		4	3000				890				
108		4	3700				9100				
162		3	2500				10400				
-		4	3200				9100				
84		3	3200				11700				
90		3	2500				7800				
108		2	2000				5200				
84		4	500				5200		1200		
96		4	2900				3900				
102		2	2600				5200				
-		6	600				5200	44			
108		4	1200				3900	44			
108		4	2400				5200				
129			2800				6500				
180		6	4400				7800				
138		4	4000				9100				
141		3	5500				13000				
129		3	3600				5100				
135		3	900								
105		5	800								
144		4	2900						1700		
156		4	2800								
141		4	3800								
150		4	4100								
114		3	3400	5100							
3132		97	79600	5100			151790	121	2900		
										1442	1316679
3132		97	796000	5100							

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SA 066601

NOVEMBER 82 Blade Coater Chem

Total	DATE	CLAY HT	Protein	LATex 620	Borax	Berset	Ammonia	TSPP	DF 122	choline Clorce	[illegible]	[illegible]
	11-1	1407	2400	405	84	23	67	15	48			
	2	584	2300	217	25	10	81	5	18	27	63	700
	3	1031	300	220	44	8	28		34	22	51	450
	4						1	21				
	5											
	6											
	7											
	8	1407	1900	490	61	23	49	5	36			
	9	938	600	440	30	15	16	10	24			
	10	1020		505			6	14	12			
	11	488		320					8			
	12	938	1600	270	56	15	42		24			
	13											
	14											
	15	1407	2400	405	84	23	63		36			
	16	938	1600	270	56	15	42		24			
	17	469	800	135	28	8	21		12			
	18	1094	800	352	28	8	27	16	16			
	19	400		147			4	13	9			
	20											
	21											
	22	486	800	135	28	8	23		12	6	6	119
	23	938	1600	270	56	15	42		24			
	24	469	800	135	28	8	21		12			
	25											
	26											
	27											
	28											
316679	TOTAL	14014	17900	4716	608	179	533	99	349	55	110	1261

SA 066602

	Camel white	Nopcosant K	Cellulose CMC-76	Latex 722	DC-111	Kelgin HV	PG-280	Calgon T	Clinsize B3-B	FC-807	Scriptest	Pencor
1	100	3							1200	15	51	
2	300	2		127					300	5	17	
3	600	5	12	198			200					
4	7000	12					100					600
5												
6												
7												
8	50	2	5									
9	100		10									
10		6			25	17						
		6			16							
12	50	2										
13												
14												
15	100	3										
16	50	2										
17		1										
18	50	1			10	20						
19					7	13						
20												
21												
22		1		29								
	50	2										
	50	1										
	8500	49	27	354	58	50	300		1500	20	68	600

Para

Pencor		Paracol	ATLas 239	Glycerine	LATex 6107	Berbond	ELvand 306	Berset 37	UVitex	cellosize	PG-200	Kelgin QL	Hydrocrm
			42	20									
600													
												18	2500
												18	2500
00			42	20								36	5000

SA 066604

November 82

MILL C

Hydrapulper Report

DATE	Gr. Pairie	Westvaco	Eddy	ASW	P.S.	Harmac	AHW	Celgar	Cantlad	Southern
11-1		61		4	17			36		
2		57			4			75		
3		58			12			71		
4		44			17008			60	15	
5								36	67	
6					34000				86	
7									78	
8					37				93	
9					14		27	36	20	
10					15		36	56		
11					8000		21	110		
12			27	27	8500	18		51		
13				96	17			32		
14			30	81	14	26		27		
15			30	96	18	24		32		
16		12		108	16		4	76		
17		14		149	20504		16	56		
18		40		157	37			28		
19		22		174	24					
20		15		195	50					
21		17		149	45					
22		16			33			64		
23		15					8	60		36
24		14			24					
25		14			50		25	56		
26		13		69	44		44	52		
27		15		138	46		46			
28		16		109	32		3			
Subt.		440	87	1552	88563	68	230	1014	359	36
TOTAL		144760	39933	760480	88563	33592	115000	467454	184167	

SA 066605

	Broke	Southwest	Corktipp	Marico Yellow	Pasadena	Terrace Bay	Soda Ash	CHAM Pine SW	Ontra white	BURGESS James River	alum	tiat...
1	2600							105				
2	113000							126				
3								129				
4	9000							127				
5	16500							148				
6	18000							220				
7								200				
8								187				
9								125				
0				Bag				120				
1	15000			90				69	26		300	6000#
2	14500			66				117				
3	8500											
4	6000			60								
5	17500			60								
6	2500											
7												
8												
	30000											
0	15000											
1	14000							48				
2								148				
								91				
	30000					56		140				
5								164				
								72				
						60		15				
7	200					80				29		72
	312300			276		196		2351	~~26~~	29	300	6072
	312300			276		101332		2351	~~26~~	29	300	6072
								1276593		13920		

SA 066606

NOVEMBER 82

MILL D

Hiaripu-for Pop...

Date	ASW	AHW	Eddy	G Plane	Westvaco	Reg Sac	[illegible]	Cc gal	[illegible]
11-1-82	80	-						210	
2	135	6						153	
3	157							97	
4	114							82	
5	234	18						9	
6	267	21						94	
7	186							100	
8	158	124						90	
9	136	64							
10	136							63	
11	205							16	
12	190							126	
13	130				120			116	
14	132	24			105			102	
15	100	21			87			125	
16	68				103			209	
17	106				117			134	
18	194				214			14	
19	300								
20	160	134						16	
21	132	150						18	
22	122	39						34	
23	245	23						32	
24	228	21						40	
25	196	144						32	
26	216	160						32	
27	184	192						32	
28	220	34						36	
Subtotal	4731	1175			746			2012	
TOTAL	2318190	587500			245434			927532	

61
72
56

142

99264

SA 066607

W/S	HW Courtland	Willamette	Alum	Canidian	Pasadena	Crestbrook	Chopper Roll	Pine	River HW	Burgess
7000	144							8		
7000	114									
6000	106									
5000	104									
1000	75									
–	84									
–	106									
–	2									
3000									46	
									80	
									136	
									136	28
									70	
24220										
10000										
4000										
					168					
					10					
–					80					
–					132					
					143					
9000										
2000										
		19							136	
78220	735	19			533			8	604	28
78220	377055	19			289429			8	604	28

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5A 066608

NOVEMBER

MILL D

Dai[illegible] Chem[illegible] Co[illegible]

Date	Glue	Size Tanks	Size Rasin	Clinco	Tita	Sod Aluminate	Sal T	J-100	STAyrene Sp
11-1	123	3		128	270				
2	98	1		122	260				
3	121	2		154	250				
4	98	1		126	260				
5	121	2		80	200	1			
6	74	4		144	200				
7	49	2		144	193	2			
8	147	3		144	160				
9	73	2		140	135				
10	98	3		96	76				
11	98	4			100				144
12									
13									
14	147	1		128	250				
15	122	5			200				112
16	98	6			200				
17	74	5			200				96
18	73	5			230				176
19	122				317				144
20	422	3			188				138
21	147	-			120				140
22	147	1			189				104
23	196	2			240				108
24	196	3			252				96
25	98	3		96	212				
26	147	2		158	260				
27	147			92	260			110	
28	171	2		136	270			11	
Total	3407	65		1888	5492	3		121	1258

NOVEMBER COLORS

Date	Solar Blue	Black	Blue	Red	Yellow	Extra Blue	Poison green	Orange	magico
11-1	269	65							
2	271	103							
3	89	54		4	7				
4	291	180		20	25				
5	497	211		5					
6	508	150		1	20			2	
7	416	114			43			4	
8	581	81							
9	305	43			13				
10	212	46			26				
11	18	23			18				
12	31	71			4				
13	217	233							
14	153	156							
15	112	197							
16	122	248							
17	335	142		2					
18	422	165		5					
19	358	62							
20	387	57							
21	466	20							
22	138	31		1					
23	82	43		11	10				
24	77	69		15	19				
25	55	96		15	24				
26	351	143		16	32				
27	423	137		19	38				
28	282	121		15	62				
									Bags
	7468	3061		129	341			6	276 × 50 =
	467	191		8	21			-	13 800

TOTAL

14487

SA 066610

MILL D

December 82 Beater Room Report

Date	Nalco	Camel White	Blue	yellow	Sour Blue	[illegible]	[illegible]
11-29-82			253	115		231	52
30			240		13	182	29
12-1			220	16		141	[illegible]
2			325	11		186	43
3			344	14		139	31
4			219	10	82	122	27
5			512	1		103	4
6			465	37	108	97	12
7			514	53		65	15
8			353	46	23	81	16
9			108	30	107	190	18
10			75		211	234	19
11			47		452	249	38
12			194		377	197	18
13			184	27	165	151	14
14			294	145	174	144	42
15			517	222		117	53
16			605			120	7
17			275		32	128	17
18			370	121		78	27
19			327	149		30	26
20			269	233		122	39
21			288	269		154	58
22			233	39	192	78	10
23			175	42	6	163	10
24							
25							
26							
27/28			351 900	3 216	62	239 72	24 32
29/30			417	137	150	141	30
30			158	28	120	46	3
TOTAL			8632	1964	2274	4000	749

SA 866611

December 82

MILL C

Daily Chemical Report

Date	ALUM 5.45	CLAY 3960	Resin size 7.3	Slaysize 165	Clinsize 165 753	Slazyme 165	Slaysize 165 112	Tita 165	Ansilex 165	[illegible] 791	[illegible] 855
11-29	775	9	147					11250	3150	[illegible]	[illegible]
30	536	7	166					4400	1300	[illegible]	[illegible]
12-1	634	9	142					3200	1050	[illegible]	[illegible]
2	618	10	138					5000	1400	[illegible]	[illegible]
3	574	10	142					1900		[illegible]	[illegible]
4	894	11	181		4800	600		3825	1200	[illegible]	[illegible]
5	298	5	210		1600			2050	1050	[illegible]	[illegible]
6	715	4	202					2000	1000	20	[illegible]
7	715	10	216		3200			1900	950	[illegible]	50
8	626	7	183		1600			1950	775	20	[illegible]
9	596	8	180					9200	3225	20	50
10	894	7	187					3100	850	20	[illegible]
11	835	8	198					1850	1150	20	50
12	715	3	228		2000	300		10150	1400	20	50
13	290	0	53			1300		3675	1125	20	25
14	59		—		2000			3825	1125	20	25
15	219	—	—					3375	1125	[illegible]	[illegible]
16	344	-	23		2000			3625	1275	20	25
17	238	0	56			1300		4400	2400	[illegible]	[illegible]
18	119	4	53		2000			1575	900	[illegible]	
19	377	5	131			3900		525	350	20	[illegible]
20	815	1	137			9100		1650	800	[illegible]	[illegible]
21	656	8	133			9100		1600	450	20	75
22	715	8	108			6500		4500	2000	20	25
23	477	5	106			1300		4850	1700	20	50
24											
25											
26/27	658	6	145		2100	14500		8600	3050	20	50
28/29	716 596	9 10	152 145			9100 9100		4100 2550	1950 1100	20 20	50 25
30	476	8	129			1300		2000	625	20	25
TOTAL	16180	172	3891		21300	67400		112625	38475	~~540~~ 580	1150

5A 066612

	Nalco	Paramel	Alum Mach	Clay Tank (10)	Clinco 345-D Starch	Calcium Cloride	Soda ASH	Douglas Starch	Al Pt Size (872)	Clinton 753-B	Dry Clay	Steely tale
9			4	3600	9100							
2			4	2900	10400							
			4	3800	9100							
			4	1600	10400							
			3	4300	9100							
			4	4800	9800							
			3	2100	5200							
			4	1900	3900					3200		
			4	4600	5200							
			4	3200	5800							
			4	3600	7800							
			10	3100	7800							
			5	3300	9100							
	135		4	3000	4900							
	-		2	-		725	725		gal.			
	-		-	-		750	750		30		1250	
			1			950	950		45		2875	
						850	850		39		3000	
			1			875	875				3200	
				1500		675	675				600	
	96		3	2200								
2	114		4	5080								
	132		4	3850								
	120		4	2090								
	102		3	2380								1700
2			4	2100								2000
9			4	2900 3900								275 525
2			3	2900								500
	699		94	74500	107600	4825	4825		114	3200	10925	5000
				745000					994			

Color 20309

Total 1274182

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SA 066613

December 82 Blade Coater chemicals

Date	Clay HT	Protein	Latex 620	Borax	Berset	Ammonia	TSH	DI 22	Chol Cloride	[illegible]	Latex EAA
11-29	1407	2400	405	84	24	63		36			
30	469	800	135	28	8	21		[illegible]			
12-1	938	1600	270	56	15	42		64			
2	469	800	135	28	8	21		12			
3	469	800	135	28	8	21		12			
4	938	1600	270	56	15	42		24			
5											
6	469	800	135	28	8	21		12			
7	635		416					12			
8	605	800	135	28	8	21		12			78
9	938	1600	270	56	15	42		24			
10		—									
11											
12											
13	469	800	135	28	8	21		12			
14	1407	900	660	45	23	24	15	36			
15	313	200	145	10	5	6	3	8			
16	469	800	135	28	8	21		12			
17	469	800	135	28	8	21		12			
18	938	1600	270	56	15	42		24			
19											
20	469	800	135	28	8	21		12			
21	938	1600	270	56	15	42		24			
22						6	15	6			
23	625		217			20	51	18			
24											
25											
26/27	2188	600	874	30	15	28	42	32			
28/29	1251	800	585	40	20	22 1	13 32	32 10			
30	469	800	135	28	8	21		12			
TOTAL	17342	20900	6002	769	242	590	171	470			78

Total 1274182

700

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15 525

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SA 066614

	Camel white	NOPcosant K	Cellulase CMC-76	Latex 722	DC-111	Kelgin L	PG-280	calgon t	clinsize 753-B	FC-807	Sriptest 720	Titanium Dioxide	Paraco
29	200	3											
30		1											
1	50	4										600	
2		1											
3	50	1											
4	50	2											
5													
6		1											
7		8			21	24							
8	50	5	7		10							1400	
9	50	2											
10													
11													
12													
13	50	1											
14	150		15										
15	50		3										
16		1											
17	50	1											
18	50	2											
19													
20	50	1											
21	50	2											
22									900	15	51		
23					10	20			2100	35	144		
24													
27	100		10		20	40							
29	150 16000	18	13				300						
30	50	1											
T.	17200	55	48	—	61	84	300	—	3000	50	195	2000	

5A 066615

Titanium Dioxide	Paracol	Atlas	Glycerine	A-100 HS Latex	Berbord	Elvand	Berset	Pencor	Cellosize	PG-200	[illegible]	Hydrocarbon
600												
1400				150								3200 1400
		96	54					1460				
2000		96	54	150				1400				4650

SA 066616

December 82

MILL C
Hydrapulper Report

Date	James River	Westvaco	H.B. Hardwood	ASW	P.S.	Harmac	AHW	Calgar	Courtin	[illegible]	NB Hard
11-29	45	27		90	45						
30	56	23		119	56						
12-1	47			109	47						
2	37			108	47						
3	34			161	65						
4		27		185	65						
5	4	34		177	59						
6				150	50						
7				168	64						
8				137	64		58				
9				134	21		41				
10				82	41		84	52			
11				96	14		140	88			
12			6	134	5		69	60			
13				10		165	10	40		825	
14				14		150	14	56		750	
15				17		140	17	68		700	
16				17		170	17	68		850	
17				15		175	15	60		875	
18						135	32	64		675	
19				66	33		2				3.3
20				80	40		40				
21				96	48		48				
22				484	42		42				
23				56	27						29
24											
25											
26/27				103	43						60
28/29				116 28	50 51						66 108
30				15	46						71.
Sub T.	223	111	6	2967	1023	935	629	556		4675	367
TOTAL	223	36519	6	1453830	1023	461890	314500	256316		41675	367

SA 066617

	Broke	Brunswick	Cahtipp	Mapico	Pasadena	Cal. Carb.	Soda Ash	Western	Cariboo	Pontiac	Terrace Bay	Tila Bay
29	4000										63	90
30											60	48
2-1								15			60	
2								19			24	
3	3000							31				
4	5000							38				
5	16000							21				
6	5000	28						22				
7		44						20				
8		16						17			20	
9	12500									6	65	
10												120
11	34000											
12	18200											66
13	25000						825					
14							750					
15							700					
16							850					
17							875					
18							675					
19	7000			112							74	
20	6000			72							60	
21	6000			72							60	
22	7000			84							70	
23	2500			30							33	
24												
25												
27											68	
28											64	
29					49				64			
30					82				60			
8	151200	88		370	131		4675	183	124	6	721	324
T	151200	88		370	69954		4675	87474	59024	3120	372757	324

SA 066618

MILL D

December 82

Hydrapulper Report

Ita. Bags	Date	ASW	AHW	Eddy	G.P. Prairie	Westvaco	Reg. Bruce	IV Red	Calgar	Cariboo	HW	[illegible]
90	11-29-82	147							32			57
48	30	97							96			48
	12-1	112							143			
	2								102			[illegible]
	3								83			56
	4	95				156			8			52
	5	233				254						
	6	128				180			21	42		
	7	106	125						68	49		
	8	142							16	56		
	9	148							16	56		
120	10	179	58						22	77		
	11	165	79						18	67		
66	12	183	165							48		36
	13	46	59						74	52		
	14	155	58				3000			14		
	15	276	86									
	16	167	84						90			
	17	100	149						159			
	18	162	54						45			9
	19	177	243									
	20	215	205									
	21	195	141							48		
	22	303	90							3		
	23	237	111							12		
	24											
	25											
	26/27	237										
	28/29	191 258	12							72 21 18		
	30	206										
324	Sub T	4660	1719			590	3000		993	635		415
324	TOTAL	2283400	859500			194110	3000		457773	302260		214555

SA 066619

	W/S	Courtland	Willamette	Alum	Canidian	Pasadena	Gust brook	Chopper Roll	Pine	Riverdale	Weyerhauser HW	Weyerhauser Rolls
29	-									112		
30	7000									134		
1	1000									94		
2	8000									83		
3	15000									84		
4	4000									15		
5												
2	4000											
7	11000										12	
8	-										122	
9	-										212	
0	-										168	
1	-										79	
2	13500											
3	14000					109					36	50
4	—					76					46	68
5											16	76
6											72	14
7	1000											
8	1000										186	
9												
20												
21											12	
2	-									26		
3	-											
4												
5												
27	13000									90		
28	17000									109		
9	16000									144		
0	10000									130		
						185				1021	961	208
T.	135500					98790				1021	961	208

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MILL D

December 82 Daily Chemical Report

Weyhauser Rolls	Date	Glue	Size Tanks	Size Rasin	Clinco	Tita	Sodium Aluminate	Salt	J-100	Slayzme GA
	11-29	98	1		128	250				
	30	123	1		112	260				
	1	122	2		74	260				
	2	147	3		80	260				
	3	123	5	360	115	246	2		27	
	4									
	5	98	3			108				112
	6	132	5			140				152
	7	74	6			138				76
	8	98	2			176			64	80
	9	73	3			110				112
	10	147	5			200				160
	11	269	5			190				134
	12	171	5			200				134
50	13	98	5			210		39		144
68	14	196	5			200		39		176
76	15	196	5			190				160
14	16	123	5			200				128
	17	56	4			70		39		128
	18	60				34				144
	19	62	2							160
	20	66	1			122				174
	21	124	1			111				138
	22	72	2			112				154
	23	170	1			250				80
	24									
	25									
	26/27	98				270			28	128
	28/29	196	1			250				176
	30	147	2			100				96
208										
208	TOTAL	3339	80	360	509	4657	2	117	119	2946

5A 066621

MILL C

December 82 COLORS

Date	Solar Blue	Black	Blue	Red	yellow	Intra Blue	Pontamine green	Dry orange	marpico
11-29		135		7	579			11	
30		122		7	607			65	
12-1	189	47		11	45			4	
2	234	89		6	39				
3	460	70			69				
4	393	137		6	18				
5	274	196		11					
6	235	188		10					
7	307	220		10					
8	218	171		5					
9	93	112		3	3				
10	385	226							
11	92	52		4					
12	58	61		17	2				
13		52		15	20	2716	5.625		
14		53		22	23	3232	6.375		
15		53		23	26	2624	5.625		
16		50		23	29	3416	7.5		
17		16		25	21	3316	7.125		
18		52		5	65	3164	7.125	5	
19	63	58			34			4	
20	95	128		2					
21	338	107							
22	108	193		3					
23	40	160							
24									
25									
26/27	283	266		10					
28/29	588 252	198 801		13 11	10				
30	191	180		8	3				
									370
TOTAL	4896	3593		257	1593	18468	39.375	89	

Total 20309

Feb. 82 BEATER ROOM REPORT

M.11-D

Chemical used in Beater

Date	Alum.	Size	Ansilex	SCM	Nalco	Clay	AX	Yellow	Blue	Black	Sulan Blue	Gra.
~~12~~ 25	1755	7320	5700		252	2150	14100	85	179	144	34	45
26	2020	6540	3100		303	7900	10550	27	228	38[illegible]	[illegible]	32
27	2500	5760	4200		312	3900	11100	35	81	466	[illegible]	[illegible]
28	1670	7440	3100	900	267	2450	9150	60	21	319	[illegible]	[illegible]
29	2360	8180	3250	9350	291	4500		32	133	298	[illegible]	33
30	2170	8820	5450	10500	[illegible]	2175	950	64	37	219	6[illegible]	40
31	1605	8040	5400	11700	240	2000	400	64	134	18[illegible]		[illegible]
2-1	2165	12250	1900	4500	282	4200		53	46	99	[illegible]	22
2	2325	11440	1300	3200	249	6700		125	92	91	—	30
3	2015	9180	2000	5450	273	5450		115	217	181	[illegible]	[illegible]
4	1890	6420	2100	7150	246	3500		114	203	141	3[illegible]	[illegible]
5	4980	6600	3850	9550	264	18[illegible]		99	150	263	9	42
6	2525	10420	3650	3950	390	4250		181	30	135	1[illegible]	31
7	2440	96[illegible]	700	2250	384	6010		36	201	96	2[illegible]	10
8	1105	5340	2200	7400	267	5050		23	223	162	21[illegible]	9
9	1680	5040	2850	7550	252	3500			240	410	6[illegible]	[illegible]
10	2075	5880	2900	10625	294	5100		82	338	233	[illegible]	14
12	1010	60[illegible]	16150	9500	[illegible]	6060	2400	314	217	247	1[illegible]	74
13	2250	8740	4500	8100	29[illegible]	6340	3100	323	375	139		[illegible]
14	2215	9020	2350	4150	276	4520	3600	312	111	140		[illegible]
15	[illegible]180	4740	3[illegible]0	5100	254	6290	1650	55	404	198		[illegible]
6	1795	6710	3350	4100	1[illegible]	4950		81	86	174		[illegible]
7	2190	8880	4100	5[illegible]	[illegible]	4950	1[illegible]0	6[illegible]	215	24[illegible]		[illegible]
11	2010	[illegible]	3300	12100	231	5450	450	302	260	293		[illegible]
18	1800	6[illegible]	1[illegible]0	3250	[illegible]	5000	2900	47	241	224	[illegible]	[illegible]
19	15[illegible]		[illegible]	2300	[illegible]	57[illegible]	1800	[illegible]	318	11[illegible]		
20	132[illegible]	4[illegible]	5100	6200	1[illegible]	14[illegible]	[illegible]	26	226	156	4	[illegible]
21	1680	513[illegible]	450	2350	252	5600	00	225	142	113	147	[illegible]
	60250	211264	97550	157035	7517	127645	63200	2953	9984	5922	2,[illegible]	[illegible]

SA 066456

Sutan Blue	orange	Fy-Bex	1.55155
34	45		
25	32		
66	39	1120	
12	32	840	
60	33	840	
[illegible]	40		
	40	840	
4	22	1240	
—	36	1040	
2	32	1080	
20	41	1000	
90	42	880	
51	37	1080	
6	10	360	
212	9	1240	
2	22	120	
28	19	560	
54	74		
	72		
	58		
	18		
	35	840	
	44	1406	
	35		
7	23		
	12		
5	9		1950
47	44		
81	975	15080	1950

Feb. 82

Mill-C — BEATER ROOM REPORT — Colors - Mill C

Date	Solar Blue	Black	yellow 76X	orange	yellow F.W.	Blue 86H	Red Tol	Pontamine Green	mafico yellow	modico Black	Intralite Blue
1-25		119	68				21				
26		128	72				24				
27		128	84				26				
28	460	37									
29	422	2	109								
30	398						9				
31	349	120					3				
2-1	102	111	163	12			2				
2	136	49	5				6				
3	66	107	9				7				
4	93	115	15				3				
5	242	97	6				8				
6	293	28	9				5				
7	406	81	8				4				
8	400	74	5				5				
9	387	30	10				5				
10	301	51	9				6				
11	106	31	8				6				
12	62	19									
13		96	68				16				
14		92	65				27				
15		74	71				32				
16		94	75				37				
17	81	99					45				
18	233	15									
19	103	58	181	28			4				
20	120	72	3			15	4				
21	135	30					5				
	4895	1957	1046	40		15	310				

Feb
Mill
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SA 066458

Feb. 82 — DAILY CHEMICAL REPORT —

M.11-C

M.11-C Chemicals

Date	Alum x 5.45	Clay x .3960	S.ac x .25	cl.ns.ac	Staymega #112	stays.ic	T.TA	Ans lex	Defoamer	B-64 x 7.91	8-55 calc. m carbonate
1-25	298	6	4170				4800	1500			
-26	358	5	3970				5100	1700			
-27	536	5	4160				5100	1700	15		
28	288	8	3910				4350	1050	15		
29	656	11	3740				8450	2800	15		15
30	417	10	4740				10050	3825	15		5
31	536	9	4691				6325	2425	15		
2-1	537	7	4089				3100	1500	15		
2-2	357	11	4150		8800		4900	1850	15		
3	437	13	4050		1700		4175	1875	15		
4	696	9	3004		11700		7275	2225	15		15
5	536	11	3259		13000		12200	3750	15		
6	550	8	3716		9100		12300	4450	15		100
7	115	11	2741		13000		9600	2500	15		
8	358	12	2761		14300		9250	2750	15		15
9	596	11	2439		14300		8850	2750	15		
10	715	9	2540		11900		9000	2850	15		0
11	596	7	4009				5825	3425	15		100
12	357	7	2669				350	100	15		
13	358	6	3911		9100		4900	1600	15		
14	375	5	3981		9100		4550	1600	15		15
15	298	5	4371	8900			4250	1100	15		15
16	357	7	4150	5600			3850	1800	15		15
17	298	6	3859	3400			4500	1800	15		
18	656	11	3823	5400			1175	425	15		
19	358	12	4710	6100			3200	1175	15		
20	518	16	4741	7400			4100	1475	15		15
21	536	14	4220	11,000			9650	3000	15		15
	13293	252	106304	47800	116000		172475	59550	420		2450
	x 5.45	x .3960	x 25						x 7.91		x 8.55
	72447	100	26576						3322		
	✓	skip	✓	✓	✓		✓	✓	✓		19,238

SA

066459

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GAL. NO. TANKS

- DAILY CHEMICAL REPORT -

FEB. 1982 MILL C CHEMICALS

Date	Pasamel	Alum mach.	clay tank	Douglass starch	clinton 677B	Calcium choride	soda Ash	nalco 680	paracol 7.64	Penford 280	Dry clay
1		2	2800		7800			45			
2		3	1800		7800			51			
3		2	2700		6500			51			
4		2	3600		10600			63			
5		3	4500		11700			69			
6		2	4100		13000						
7		3	3700		10100			12			
8		3	2700		9400			57			
9		2	4000		1600			48			
10		3	5200					81			
11		3	3400					81			
12		3	3900					105			2700
13		2	300		4200			69			3600
14		4	4700					78			2850
15		2	5000					78			3600
16		3	4700					72			3000
17		4	3100					72			2550
18		3	3600		10400			75		1 00	1700
19		2	2600		7800			51			
20		2	2400					48			
21		1	2600					48			
22		2	2100		1300			51			
23		2	2200		3000			54			
24		2	3300		3100			54			
25		3	4700		5000			76			
26		2	5000		5600			81			
27		3	6300		6900			87			
28		3	5600		3200			85			
		71	102600		129000			1742		1000	19700
			✓		✓			✓		✓	✓

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SA 066460

Feb. 82 - DAILY CHEMICAL REPORT - M. 11 D - Chemicals

Date	Glue	Size	C-7	J	55 clinto.	T-TA	sodi.	Alum	753 clinize	sodium nitrate		
1-25	147	360			94	250						
26	98	240			128	250						
27	123	240			94							
28	98	360			94							
29	147	360			95	182	1					
30	123	360			96	227						
31	122	360			144	170						48
2-1	98	600			128	166	1					7
2	74	480			112	70	1					5
3	122	360			124	115	2					16
4	97	320			112	158	1					
5	74	360			128	200						
6	73	480			176	180				125		
7	49	480			144	170				32		
8	73	120			208	175						
9	88	360			125	190						
10	98	360			160	170						
11	98	300			128	200						
12	41	320			144	255						
13	41	360			256	157						18
14	41	326			140	153						32
15	74	320			136	149				4		
16	73	320			144	80						64
17	98	320			140	145	1					48
18	98	320			136	129	6					
19	123	360			174	150						
20	73	240			102	200						
21	123	240			150	225						
	2587	9666			3815	4558	12			161		368
	855	25										

SA 0664461

- DAILY CHEMICAL REPORT -

Feb. 82

Blade Coater Chemicals

Date	Latex 60 x3.98	DF-122 #	DC-111 x 8.18	Kelgin HV *	T.S.P. #	clay x10.0	Ammonia x6.82	Uvitex	Conil white	Protein	Borax	Latex x.4
2-25 (23)	165	41	8	25	17	470	6					
26	490	20	28	50	34	1195	27					
27	487	54	34	32	32	2094	54		1900	600	30	440
28	200	44	20		10	1363	41		1600	600	30	440
29	240	48	~~248~~ 24		10	1448	46		1900	600	30	440
30	288	64	20	25	37	2601	53		1100	1200	60	[illegible]
31												
2-1	124	10	6	19	13	601	37		300	600	10	3[illegible]
2		12			5	509	51		50	1500	15	[illegible]
3		36			15	1407	24		150	900	45	660
4		24			10	938	16		100	600	30	440
5		24			10	938	16		100	600	30	440
6		36			15	1407	24		150	900	45	660
7												
8		24	22		10	1250	16		100	600	30	440
9		14				787	28		50	300	15	220
10		12			5	489	11		50	300	15	220
11		48			20	1876	32		200	1200	60	880
12		36			15	1407	24		150	900	45	660
13	217	16	10	15	21	1094	14	34	50	300	15	[illegible]
14												
15	434	36	30	50	55	2813	34	102	100	600	30	670
16	[illegible]	36			15	1407	24		150	900	45	661
17		34	26		10	938	16		100	600	30	440
18		42			30	1407	30		150	900	45	660
19		44			60	938	36			600	30	140
20									43750			
21												
	2642	745	~~42~~ 231	216	452	29377	660	136	~~22700~~	16100	635	1026
	x 3.98	✓	x 8.18 1490	✓	✓	x 10.0	x 6.82	✓	8950		✓	x 4.3
	10516		~~5697~~			293770	4501		✓			4443
	✓		✓			✓	✓					✓

SA 866462

Borax	Latex 620	Nocosant	Berset	Kelgin	Qu 753 Sodium Alisize	Nitrate	Eluanol	Pencor 740	Scriptset 720	Alas 239	PG 280	FC 807
	x.433	x 10.0	x 9.09									
		3									1500	
30	440	6	15								2200	
30	440	5	15								[illegible]	
30	440	6	15								[illegible]	
30	880	3	30								[illegible]	
10	132	1	5									
15	220		8									
45	660		25									
30	440		15									
30	440		15									
45	660		23									
30	440	9	15									
15	220	4	8								200	
15	220		8									
30	880		30									
15	660		23									
15	220		8									
30	670	1	15									
45	660	1	23									
30	440		15									
45	660		23		900				51			15
30	440		15									
		15			3000			1200	176	81	300	52
35	10262	54 39	349		3900			~~1200~~	~~232~~	~~81~~	~~4000~~	67
	x 4.33	x 10	x 9.09						227		8700	864
	44434	540	3172						227			574
		390							515			

SA 066463

Calgon T	cellulose (CML7-C)	Latex (3.98, 122)	Titanium Dioxide	Hydrocarb 65	Latex (A-100H-S)	Glycerine
9						
18						
15						
18						
9						
	7	53				
		34				
	16					
	12	218				
		35				
			650			
	18		3800	7600	406	
						~~36~~
69 ✓	53 ✓	340	4450	1600 ✓	406	~~36~~
		3.98				
		1353				

Feb mill

Date
1-25
26
27
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SA 066464

HYDRAPULPER REPORT

Pulp - Mill C

Feb. 82
Mill-C

Date	Gr. Prairie	Pontiac (SW)	Eddy (40S)	Champion (H.W.)	ASW (50S)	P.S.	Caribou (Bl)	A H/W	Calgary	Bags [illegible] yellow [illegible]
1-25			10		95				28	1
26					109				40	6
27			28		78			3	24	72
28			7		80	7		36	14	42
29			81		50	38		40		
30			90		43	43		36		
31			108		60	34		39		
2-1			54		105			31	32	
2			51		80	29		63	31	
3			38		47	47		62	41	
4			10		181	4		69	15	
5					85	23		24	6	
6					32	38			16	
7					79	16			16	
8					55	34			16	
9					124	37			17	
10					135				40	
11					120	14		19	62	
12			8		90	17			44	78
13			82		58		7		46	72
14			72		46		49			
15			80		54	6	53			78
16			86		60	15	56			18
17	24		74		56	14	22			54
18					185	56				
19			48		104	16			32	
20			33		140	39	22			
21					147	21	45			
	24		960		2498	553	254	422	523	594
	✓		✓		✓		✓	✓	✓	

SA 066465

	Willamette	Courtland HW	[illegible]	Sod	Alum.	SW Harmac	Brake	Hydro Clay	Canada	Eastex	SW Corr. & Brake	Intrawin	Roll SW
25						54	3500				21000		
26						58	14500				19500		
27						28	11000				18000		3
28							18000				10500		[illegible]
29							16500						[illegible]
30													43
31													39
1							28000						1[illegible]
2													[illegible]
3													47
4							38000	33					
5		23	64				17000	33					[illegible]
6		38	64					48					3[illegible]
7	64	74						48					[illegible]
8	64							48					37
9	68	31					7000	51					26
10	64						20500	-6					
11	36	20	36	3			21000	6				12 gal.	
12		30									13000		
13							32500						
14							11500				19500		
15							8000				14[illegible]		
16											19500		
17											12[illegible]		
18			56										
19	16		70				27000						
20	21		57						13				
21	30		48				23000						
	363	216	395	3		140	306500	293	15		154000	12	[illegible]
	✓	✓	✓			✓			✓				

Fe. [illegible] Date [illegible] 2-1

SA 866466

Feb 82
MILL-D

Hydrapulper Report
Pulp - Mill D

Roll S.W.	Date	ASW 505	AHW 535	Eddy 351	GP. Prime	540	561	460	28 HW	So Jtanost	SW	
						Pontiac	wester HW	charyum	HW	Pontiac	ucko 5A	Hare
	~~1~~	124	387	189	12							
	26		133	81								
3	27	90	122	78								
17	28	116	110	70								
21	29											
43	30	64	62	87	77							
39	31	33	70	162	70							
17	2-1	20	120	204	50							
46	2	42	27	171	25							
17	3		214	73	35							
	4	74	78	70								
3	5	24	128	44								
38	6	87	201	139								
36	7	115		90								
39	8	145										
26	9	88										
	10	79										
	11	5		30								
	12	93										
	13	38		100								
	14			80								
	15	63										
	16			74								
	17	125		70								
	18	146		44	44							
	19	105		48	48							
	20	265										
	21	143		60	72							
392		2084	1652	1964	433					260		1047
		496	498	396	544					524		47
		103,664	822,696	77,714	235,552					136,240		106,4

SA 066467

(rollouts) E-Tex	491 Kamloop	Pasadena	(George) Prince	Candian SW	westwood	III Blue	wallpaper	Broke (Regular)	IV Red	IV/S	Celgar	carr
									29000			
									35000			
									45000			
		88							40000			
		134							32000			
		72							35000			
		38							30000			
		50							40000			
					75				40000		12	
		102			210				23700		81	
52		x			52				35,000		30	
62									35,000			
91									39000			
115									35,000			
131									35,000		12	
115									30000		[illegible]	
187									35000		48	
221									30,000		44	
123					28				30,000		24	
138					260				35000		8	
152					213				40000		52	
132					194			20000	10000		36	
164					134			29000	5060		48	
96					178				40000		52	
					33				25000		4	
									25000			
									20000			
									35000			
1779		490			1377			49000	888,760		487	
443		532			325						475	
788,097		260,680			447,525						231,325	

5A 066468

[redacted]

elgar	Carriboo	Crest Brook	Eastern Shore	H.W. Courtland	W.E.F. (Coats?) 1925
					30
					2
2					
1					
3					
2					26
6				161	36
18				187	12
14				182	
4				172	
1					
2					
6					
18					
2					
1					13
					9
					2
7				652	150
475				526	
1,325				34,952	

March 82

Mill-D

Beater Room Report

Chemicals used in Beater

Date	Hum.	Size	clay	Ansilex	SCM	Ax	Naleo	yellow	Blue	Black	[illegible]
2-22	2220	6930	8450	1[illegible]00	2[illegible]	–	333	320	209	[illegible]	
23	2040	6620	6270	3400	9200	400	309	191	[illegible]6	[illegible]	
24	1920	6600	3285	3650	4950	3400	2[illegible]	9[illegible]	292		
25	2[illegible]	10500	6150	600	2500		213	292	28[illegible]	[illegible]	
26	2370	11420	4700	3400	6[illegible]0	1700	303	469	162	[illegible]	
27	2410	10520	6150	2400	4[illegible]	1[illegible]00	[illegible]	44[illegible]	80	[illegible]	
28	[illegible]	6660	[illegible]	1[illegible]	[illegible]		333	31[illegible]	4[illegible]	–	
3 -	1400	4200	6[illegible]0	1950	8450	–	210		319	[illegible]	[illegible]
2	1140	5580	7650	1550	4010	1110	291	41	306		[illegible]
3	2415	7590	13495	–	2011	–	277		345	[illegible]	[illegible]
4	2315	9710	6240	3750	6650		255	206		[illegible]	211
5	2350	6420	7900	3550	8350		294	58		[illegible]	[illegible]
6	1720	8040	3650	4500	9100		240	60	39	–	[illegible]
7	1670	8320	1400	7600	6300	900	231	46		3[illegible]	[illegible]
8	1480	6620	4450	7000	15380		22[illegible]	40		[illegible]	[illegible]
9	1880	6560	5[illegible]0	4010	1870		282	14		3[illegible]2	–
10	1765	7690	4850	6000	10970		242	41	150	[illegible]	
11	1640	7360	4210	[illegible]000	15275		264	62	240	128	
12	1515	5000	4850	2900	4700	2350	207		217	12[illegible]	174
13	1815	7860	5050	4850	13900		258	9	186	142	6[illegible]
14	1740	7360	8550	4150	6700		261	13	164	121	
15	1585	6600	6250	3350	6550		231	8	2[illegible]6	[illegible]	[illegible]
16	930	3880	3220	1700	5400		132	–	290	11[illegible]	[illegible]
17	1880	6620	5330	4100	10550		282	187	391	[illegible]	116
18	1700	6020	3450	8100	16300		258		377	[illegible]10	[illegible]
19	1595	6340	4650	5100	13000		228	86	422	[illegible]	
20	1730	5660	5600	4900	14200		243	385	241	202	7
21/22	3480	17260	13220	6400	17350		609	259	351	[illegible]	
23/24	3915	14360	9050	7100	21050		534	283	159	2[illegible]	249
25/26	3600	12420	7150	5700	12800		561	253	462	2[illegible]	74
27/28	3640	10920	14350	5200	15100		546		577	54[illegible]	[illegible]
	64870	247640	202220	124,900	279,855	11,660	9,341	4,179	7,447	6750	[illegible]

SA 066470

	orange	Fy-Bex	Mississippi	Coating clay	Dry clay	Dupont
2	70					
3	40					
4	10					
	66					
	86			1350	1000	
	101					
8	32					
1	13				800	
2	12			350		
3	18					
4	66					
	55					
	71					2475
	75					4725
	41					
	35					7185
0	34					
1	67					
2	26					
3	37					
4	27					
5	23					
6	28					
7	64					
8	49					
9	47					
0	51					
22	49					
24	94				150	
26	75				6200	
28	58					1440
	1,520			1,700	8150	15825

Mill
Date
2 22
2
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2
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14
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05/26
1/28

SA 066471

March 82

Beater Room Report

Mill-C

Colors - Mill C

Date	Solar Blue	Black	yellow 76K	orange	yellow FW	Blue 70L	Mafico yellow	[illegible] Blue	[illegible]	Green 3B	[illegible]
222		18	6					2831	6	55	
23		20	15					3883	5	+	
24		28	12					3122	3		
25		37	18					3633			10
6	54	83	16							+	
2[illegible]	97	117	17						2		
28	150	221							10		
3-1	119	241							10		
2	66	199							9		
[illegible]	68	107	21						13		
4	80	168							10		
5	95	260	11						10		
6	139	62	30						3		
7	50	115	35						2		
8	50	219	33						11		
1	17	231	17			25			14	24	
10	256	166							9		
11	359	78							6		
12	158	53	45						2		1
13	88	146	86	23					7		
14	20	142	159	52							
15			71								9
16	89	20									
17	139	60									
18	205	45									
19	245	53	105						13		
20	225	54	167								57
21/22	190	130	92						6		[illegible]
23/24	300	260	113						3		[illegible]
25/26	251	385	61	15					10		
27/28	391	414	84	22	33				33		
	3,901	4,175	1204	112	33	25		13,489	197	95	144

5A 066472

[redacted]

march.82

Daily Chemical Report

mill-C

mill C- chemicals

Date	Alum x5.45	clay x.3960	Size x.25	clinsize 753	Staymega #	Staysize 112	TiTA	Ansilex	Defoamer x7.91	B-44 5.55	calcium chloride
2-22	191	4	2241	2000			8675	3000	15	55	750
23	286	2	2141	2000			9375	3125	15	[illegible]	[illegible]
24	238	3	1761	2000			5125	1875	15	[illegible]	[illegible]
25	—	2	1630	4000			2655	1050	15	25	7[illegible]
26	656	9	3429	5500			3050	900	15	50	
27	496	14	4710	7000			3[illegible]	[illegible]	15	50	
28	696	15	3876	7900			3550	[illegible]	15		
3-1	417	10	4090	9300			7350	1900	15		
2	477	9	4320	1100			5350	950	15	[illegible]	
3	470	9	4301				4450	855	15	150	
4							2750				
5	417	8	3370				1050	3225	15	12[illegible]	
6							4500				
7							450				
8	655	10	3341	1600			7550	1800	15	100	
9	537	9	3590	1600			5710	1850	15	7[illegible]	
10	529	8	4290	3200			4950	1375	15	100	
11	477	8	2880	5700			3700	1225	15	[illegible]	
12	358	8	3890				4575	1225	15	100	
13	417	5	4539				9[illegible]	3100	15	[illegible]	
14	417	8	3710				5950	2500	15	[illegible]	
15	357	4	4870		3900		4100	2850	15	100	
16	358	7	3420		9100		3600	750	15	[illegible]	
17	326	10	3330		9100		2950		15	[illegible]	
18	357	10	3091		10100		2700		15	[illegible]	
19	537	12	3650		12000		5650	2200	15	[illegible]	
20	551	7	3310		10500		7600	4250	15	75	
21/22	780	10	7821	2100	17200		18585	10000	30	2	
23/24	894	16	7581	2000	19500		10850	4950	30	200	
25/26	1013	8	8261		14300		20750	8300	30	175	
27/28	894	15	8580		15600		17150	9700	30	150	
	✓	SKIP	✓	✓	✓						
	13861 x5.45	240 x.3960	116073 x.25	59,300	121,300		~~177,585~~	75150	480 x7.91	2600 x5.55	3[illegible]
									7797	22230	

SA 066473

Mill-C Chemicals

	Personel	Alum mach	Clay tank	Douglass starch	Clinton 677B	Soda Ash	Nalco 660	Denford 280	Dry Clay
2		1	1400			750			
3		1	900			1000			
4		1	800			850			
5			400			700			
26		3	4000		5300		61		
27		3	5900		5000		12		
28		3	6000		5500		30		
1		2	4300		5300		69		
2		3	3800	8300	1300		57		
3		2	3700	9100			54		
4									
5		2	3100	7800			46		
6									
7									
8		4	4200	9100			87		
9		3	3600	7500			76		
10		3	3200	2700	200		39		
11		2	3200		8100		12		
12		2	3600				75		
		2	1900		7800		24		
		2	3300		9100		54		
		2	2000		2600				2500
		2	3000						12
		2	4700				1[illegible]		
		2	4100				84		
10		6	7700				138		
11		4	3[illegible]				66		
12		5	6900				173		
13		4	3200				114		
14		4	6500				123		
		TO	99,200	44,800	55200	3300	1399		2,12

SA 866474

March 82

Daily chemical Report

Mill D

Mill D - chemicals

Date	Glue	Size	6-7	J	Clinco 55	T.1A	Sod. Alum	Clinsize 753	Sodium v trate	Salt
2-22	72	360			150	200				
23	19[illegible]	240			150	240				
21	147	240			170	200				16
[illegible]	74	480			132	150				[illegible]
[illegible]	122	360			144	167	1			64
[illegible]	147	480			112	116	2			[illegible]
[illegible]	123	240			144	108	1			
3-1	122	[illegible]				[illegible]	1			
2	95	[illegible]			[illegible]	116	1			
3	25	240			128	3	1			
4	49	480			128	200	1			
5	49	240			136	200				
6	49	360			142	180				
7	72	360			112	200				
8	49	360			122	180				
9	49	300			112	200				
10	73	60[illegible]			126	180				
11	98	360			126	180				
12	49	240		28	154	146			6	
13	46	240			110	279			2	
14	73	360			140	134				
15	49	240			126	127			2	
16	25				46					
17	49	360			94	224			1	
18	73	240			124	340			1	
19	49	300			124	200				
20	98	240			111	220				
21/22	343	780			242	425				
23/24	343	600			328	440				
25/26	288	480			240	410			1	
27/28	441	720			296	316			2	
	3099	9180		28	~~3944~~ 4472	5510	3		15	~~50~~ 144
	844									
	30585									

SA 066475

March 82

Daily Chemical Report

Blyofe Coater Chemicals

Date	6107 Latex	DF-122	DC-111	Kelgin	TSPP	Clay	Ammonia	Water	Camil white	Protein	Borax
			x8.18			x10.0	x6.82				
22		24			17	938	17		300		
23		48			20	1876	3			1	
24		48			20	1407	71		210	1	
25		36			15	1401	24		1 5	1 1	45
26		36			10	1			0	7	6
27											
31	82	40			15	1421	28			1 0	45
1		36			15	1417	63		1 0	1	45
2		32			20	958	44		1 5	1 0	1
X NOT IN TOTAL	114	40			43	1182	23		9250	600	30
5					16				8050		
6											
7											
8		12	30	54	48	1875	1				
9		8	20	36	32	1250	12				
10		12	28	30	32	1438	73		600	41	
11		8	20	36	32	1250	12				
12		8	20	36	32	1250	12				
13											
14											
15											
16		4	10	18	16	625	6				
17		4	10	13	16	625	6				
18		4	10	22	16	625	6				
20											
21											
14/22							169			5	16
23/24		8				490	43		500	1100	16
25		8				490	17		500		16
26/27	280	24				1085	19		600	300	16
	362	400	148	238	312	22015	689		15,910	1100	410
			x8.18			x10	x6.82				
			1211			22150	4699				

* 80 11TH - TOTAL

SA 866476

	Latex 620	Nacosant	Berset	Kelgin	Clinsize	Pencor 74	Scripset	Alas	PG-280	FC-807	Calgon	Cellulose
	x4.33	x10.0	x9.09		753		720	239				
22	440	4	15			300		21	100			
23	880		30									
24	880		30									
25	660		23									
26	660	2	23									12
27												
28												
1	660	1	23						100			
2	660		23									
3	440	2	15		900		51			15		12
4	440	11	15		900	800	51	50	329	15		
5		9				700		46	100			
6												
7												
8	651											
9												
10	165	2							800		6	
11		1										
12	1											
13												
14												
15												
16												
17												
18		1										
19												
20												
21												
22												
23												
24	220	2	8									12
25	220	2	8									12
26	220	5	8						300			12
	6756	31	206		1800	1000	51	69	1400	15	6	60
	x4.33	10	9.09				2.27			8.67		
	29,253	310	1873				116			130		

Latex

3

300

12

130

122

122

122

ellulose	EAA-483 Latex	Titanium Dioxide	Hydro-carb	A-100 HS Latex	Glycerine	Choline Chloride	Bacote 20	112 Later	3.98 722 Latex	Nopcorde	Unitex	DR 673 Latex
					24							
										2		
	3					9	25					
12	570					21	34		1			
	300					15	14	11	24			
	300					9	25					
12	62					29	32		21			
					24							
					22							
											102	
											68	8
							16				68	8
											68	8
											68	6
											34	3
												3
											34	1
	1300											
							39	111				
2	122					29	41		218			
12	322					25	24		218			
12	522					26	24	320	218			
60	5088				46	163	275	531	1108	2		37
									x 3 98			
									4400			

5A 066478

March. 82

Hydrapulper Report

Pulp - Mill C

Date	Gr. Priaric	Pontiac	Eddy 406	ASW 505	P.S.	Cariboo	AHW	Celgar	Soda Ash	Calcium Chloride	Wallenstein
2-22				57	11	51			725	725	
23				32		32			975	975	
24			30	6		51			875	875	
25			22			33			775	775	
26			22	54	33	33					
27			28	56	37	42	2				
28				109	9						
3-1				41	25						
2				100	17						
3				76	33		39				
4					44		82				
5			26		7		34				
6			4		22	80					
7	45				42	30					
8	40			42	52						
9				108	44		4				
10				181	23		78				
11				148			54				
12	48		8	126	20		64				
13	18		91	56	13		27				
14			92	64	15		28				
15			75	70	50		50				
16			65	83	47		47				
17			60	51	[illegible]		1				
18			35	63	22		42				
19	20		26	162			58	6			
20			8	139			56	46			
21			32	132			57	48			
22/23			42	313			106	35			
[illegible]			112	49	55		61	60			
[illegible]				135	19		111	32			
28				41	25		78	83			
	171		778	2494	700	352	1129	310	3350	3350	
	✓		✓	✓	Skip	✓	✓	✓			

CHAMP COUR H.G.

✓

5A 066479

Hanette	Champion Courtland H.W.	Westvaso	Sod. Aluminate	Harmac	Brake	Hydro Clay	Canadian	Western H.W.	Corttip Brake	Roll S.W.	[illegible]	[illegible]
		52		145								
		32		195								
		21		175								
								11				
	44	30		1[illegible]	1[illegible]00			11		1[illegible]		
	53									24		
	127									45		
	45										[illegible]	[illegible]
										36		[illegible]
					7000					32	67	
										44	76	
					6000					31	[illegible]	
					[illegible]					38	[illegible]	[illegible]
										42	[illegible]	[illegible]
										52	42	76
										39		70
					21500							
					40000							
										18		
					34000					27		
										28		
					15000	50				50		
					13000	12				47		
					12000					51		
					7000					25		
					52000							
					41500							
					36500							
					53000							
					15500					67		
					37000					63		
										41		
	269	135	670	670	420,000	62		22		815	378	[illegible]

SA 066480

Mill

Date

22
23

Mapico Yellow Pulp Sub.

4500
3000
3200
2100

10000

14100 10000

5A 0664481

march. 82

Hy Drapulper Report

Mill-D 506 ~~535~~ 544 ~~382~~ 423 562 Pulp 528 Mill D

Date	ASW	AHW	Eddy	6P. Prairie	Pontar	Nekoosa	Willamette	E-Tex	Kamloop	Pasadena	George Prince
2-22	235	105					71				
23	250	140									
24	272	136	10			66					
25	170	150	160								
26	307	226	280								
27											
28	312	208	0								
3-1	218	148									
2		144				226					
3		206				246					
4	120	204				98					
5	12	160									
6	42	98				144					
7	206	162									
8	85	56		32							
9	240	100	52								
10	196	106	110								
11	122	100	103								
12	134	106	56								
13	90	140	144								
14	120	132	92								
15	136	102	98								
16	78	51	51								
17	104	76	48								
18	230	114	40								
19	252	186	138								
20	186	114	40								
21/22	555	240	153								
23/24	356	286	183								
25/26	404	246	100								
27/28	498	150									
	5930	4392	1878	32		780	71				
	x506	x544	x423	x563		x528	x476				
	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]				

SA 066482

westvaco	Regular Broke	IV Red	Celgar	Courtland HW	wets laps	Blue	waheola	Cream white	caribou	non-Bleed
	38000	15000			29					
		5000			3					
		25000								
	25,000	40000						15,800		
		35000								
		35000								
		20000						15000		
		15000				5000				
		10000	20			25000				
		20000	40			5000		7500		
		40000	24							
		15,000	88			[illegible]	154			
		35,000	100							
		15,000	184							
		20000	8						52	
	5000	30000								
		20,000							30	
		25000							35	
		30,000								
		30,000								
		30000								
		25000								
		10000								
	11500	20000								
	500	[illegible]								
	18000	15000								
	40000	–								
	65000	[illegible]								
		50000	24							
		40000	36			5000				15000
		50000				5000				10000
	206,300	775,000	524		32	55,000	154	41,300	117	25,000
			x 466						467	
			244,184						41639	

April 1-82

M. 11-D

Beater Room Report
(chemicals used in Beater)

Date	Alum	Size	clay	Ansilex	SCA	AX	nalco	yellow	Blue	Black	Solute Blue
3-29	1625	5550	3790	1850	5850		231		120	12	[illegible]
30	1720	5160	8750	1650		6700	258	64	297	113	
31	1700	5400	4850	2500	9050		255		432	256	
4-1	1570	5460	4510	3300	1550		273	6	250	115	
2	1150	5400	4800	2705	7050		225		154	97	
3	1650	11980	2670	2400	4100		255	11	132	15	
4	1760	6180	4850	2150		4300	282	87	92	101	52
5	1960	5550	5150	2950		11500	264	31	266		32
6	1460	5640	4750	4950	1250	2150		2	100	108	14
7	1490	6000	5350	4250		8200	243		66	159	52
8	1555	4900	8200	1600	2100	1900	276		177	205	7
9											
10											
11											
12	1800	8340	5800	1300	4700		270	5	114	119	26
13	1920	5760	5250	1400	5800		267	115	163	294	
14	1720	6900	3350	6300	13000	600	258	130	329	161	
15	1660	9140	2700	3850	6800	1600	267	23	349	103	
16	1590	6960	4400	3800	4600	3700	246		374	237	
17	1460	5460	3050	5250		10800	219		549	243	
18	1440	5520	2750	5350		10000	222	11	366	250	
19	1705	7840	2650	4725		7800	369	18	155	86	15
20	1715	5840	4400	3650		9000	255	91	188	82	2[illegible]
21	1930	6780	5900	315		6850	342	10	377	156	38
22	1800	9640	4100	2050		12100	216	2	227	55	
23	1740	10660	5000	2150		8200	372		164	49	52
24	1620	10080	1700	4350	250	12000	336		319	45	12
25	1620	5940	3200	4700	9250	4500	330	7	551	132	4
	41390	172190	111920	79490	82600	112350	6561	614	6252	2625	817

SA 066484

Orange	Dry Clay	Clay Bond. Ke
19		
33		
4[illegible]		
25		
64		
12		
30		
49		
20		
39		
40		
11		
51		
67		
38		
45	1500	
48		
37		
27		
16		
38		
26		
26	2550	
26	1700	450
52		
879	5750	450

Apr
Apr 1
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5A 066485

April 1-82

M.11-C 5.45 .3960 .25 Daily Chemical Report 7.91 .55

Date	Alum	clay	size	753-B clarifiers size	stays size	Ti TA	Ans. lex	Defoamer	B-64	Kal-on Cutlet	Alum chlorinate	
3-29	351	8	4331			9500	5000	15	100			4
30	417	5	4790			13300	5000	15	100			3
31	417	4	4861			8615	3850	15	100			2
4-1	477	6	4920			8375	4325	15	125			3
2	298	7	4720			8950	4200	15	100			2
3	417	8	4051			5100	2100	15	100			2
4	357	11	3531			3600	800	15	100			2
5	676	10	3990			3300	1600	15	100			4
6	536	9	3041			1500	2500	15	100			3
7	418	12	3170			550	200	15	125			1
8	417	5	2680			2415	750	15	100			2
9												
10												
11												
12	834	11	4737	2000		1950	950	15	75			5
13	417	10	5389			6450	2375	15	75			2
14	358	11	5779			5650	1450	15	125			3
15	358	2	1979	2000		4125	1300	15	50	775		1
16	119	2	550	2000		4925	1125	15	50	900		
17	179	1	—	2000		3925	1375	15	25	115		1
18	208	2		2000		3750	1125	15	25	[illegible]		1
19	179	—	—			3500	1050	15	25	125		1
20	715	7	3079			4100	1200	15	25			4
21	536	8	3941			7250	2675	15	75			3
22	537	10	4651			8150	2675	15	100			3
23	356	9	4480			9650	3575	15	75			2
24	358	7	3951			8750	3150	15	100			2
25	536	7	4330			9850	3325	15	100			3
	10531	175	86951	10000		147250	57725	375	2075	4000		59
	5.45	.3960	.25					7.91	8.55	~~5.55~~		
	57394	69	21738					2966	17741	~~34000~~		

SA 866486

Mill-C chemicals

	Clay Tank	(Starch) Douglass	Clinton 677B	Soda Ash	Nalco 68	Dry Clay	(64) Stazyme	Clinton 753	Clinco Starch	Clinco 345-D	Alglig size
4	3300	7700			63		2700				
5	2200	9000			51						
7	1600	7600			63						
1	2600	5500			66			4000			
2	3300	10400			66						
3	3300	11700			73						
4	4400	13000			76						
5	4300	14300			75						
6	3400	7800			66				1600		
7	3600				78			13000			
	3500				67				3900		
	[illegible]				94					17200	
	4400				66		11700		1500		
1	3800				83		10400				
2	1300			775	7		2600				
3	700			900							37
4	700			775							75
5	300			825							
1				725							130
6	1600				42		3900				9
1	3600						10400				
2	4200				39		7800				
3	3600				69		9100				
4	2900				63		9100				
5	2600				66		9100				
	23800	87200		4000	1273		76800	17000	7000	17200	248 x10 2480
	✓	✓		✓	✓		✓				

41,200 ✓

Spot

wet 24 39/3 1 2 3 4 5 6 7 8 9 1 13 14 15 16 1.5 1 21 1 5 21

SA 066487

April 82

Daily Chemical Report

Blade Cooter Chemicals

Date	Coter 112	DF-122	DC 111 8.18	Kelgin 40	TSPP	Clay 10 HT wet	Ammonium	Permanite	Cond/ Sen	Bio	Ax
3.29	170	4				298	1		50		
3/31		12			5	469	8		50	300	15
1		36			15	1407	24		150	900	45
2		12			5	469	8		50	300	15
3											
4											
5		48			20	1816	32		200	1200	60
6		24			10	938	16		100	600	30
7		24			10	938	16		100	600	30
8		4	10	8	16	625	6	34			
9											
10											
11											
12		12	36	54	48	1815	18	102			
13		8	20	36	32	1250	12	68			
14		8	20	36	32	1250	12	68			
15		4	10	18	16	625	32	34		600	
16		8	20	36	32	1250	12	68			
17											
18											
19		16	4	12	13	704	11		50	300	15
20		34			10	1251 +	23		133	900	40
21		16			5	694	16		75	300	15
22	100	12			5	469	9		50	300	15
23		36			15	1407	109		150	3500	45
24		24			10	938	16		100	600	30
	270	~~324~~ 342	114	210	~~343~~	~~18733~~	~~294~~ 381	374	~~408~~	~~1247~~	~~475~~
			8.18		297	10	682		1258	10,000	355
			933			~~18730~~	~~2005~~ 1558				

SA 066488

6/07 10 9.09 QL 753 B 6 20 EAA 483

Latex	Nocusant	Berset	Helgin	Clinsize	Pencar	PG 280	Latex	Choline chloride	Dacote 20	Latex	Cellulose CMC 7L	21-30 Elvanc
140	2					200						
		8					220					
		23					660					
		8					220					
		30					880					
		15					440					
		15					440					
						300		6	17	100	25	
						300					20	
		7	12				220					
	1	20	30				652					
	1	7	12			100	220	17	16	350		
82		7	2				220					
		~~[illegible]~~ 225	36				660	20	55	650		
		15	24				440					
-22	~~[illegible]~~	~~[illegible]~~ 17½	10	36		900	~~8112~~	~~59~~ 43	~~[illegible]~~ 88	~~[illegible]~~ 1100	45	
	~~10~~	9.09					5272					
	-40	~~[illegible]~~ 163										

5A 066489

Cellulose CMC 7L	[illegible]-306 Eluanol	GEN FLO 557	LATEX 673	3.98 722 Latex
		1 drums	3 drums	
		3 DR	9 DR	
		2 DR	6 DR	
		2 DR	6 DR	
5	75	1 DR	3 DR	
20	50	2 DR	6 DR	
			85 GAL	
				66
				54
5	125	11	118	120
				3.98
				478

5A 066490

April-82

Pulp-Mill C

Hydropulper Report

Date	Gr. Prune	Pontiac	Eddy	ASW	P.S	Cariboo	AHW	Celgar	Soda ASH	[illegible]	[illegible]
3-29			40	39			106	40			
3-30			46	30			6	50			
3-31			34	109			60	50			
4-1			27	120	8		57	48			
-2			34	114	33		55	51			
3			8	165	38		59	12			
4			80	114	38		70				
5			25	189	56		51				
6				160	16						
7				193	59						
8				144	48						
9											
10											
11											
12				153	8		51				
13			40	71	16		44	60			
14			30	156			67	45			
15			26	3			14	39			175
16			30				15	45			[illegible]
17			30				15	45			
18			28				14	45			[illegible]
19			42					38			700
20			28	78			40	42			
21			45	135	29		60	30			
22			48	148			53	32			
23			42	105	3		77	28			
24			48	116			58	32			
25			48	123	24		57	32			
			779	2465	376		1037	764			[illegible]
			✓	✓	X		✓	✓			✓

SA 066491

Courtland HW	Westvaco	Harmac	Broke	Hydroclay	Rail SW	Neksoog	Southwest HW	Soda Ash
			1000		39			
			15000		60			
			23500					
			40,000					
			5000					
			17000					
29								
63			10500					
60							7	
							48	
			19000		42			
			22000		16			
			52000					
		155	1000					725
		165						875
		150						390
		165						825
		140	5000					700
			26000					
			33000					
			26500					
			8000					
			14,500					
			8500					
152		775	327500		157		55	3565
✓		✓	X		✓		✓	X

Apr. 1-82

Mill-D 506 544 423 563 Hydropulper Report

Date	ASW	AHW	Eddy	GP. Parrish	Pontur	Nehasa	Willamette	Rolling	Westvaco	[illegible]	[illegible]
3-29	148	100	42								
3 30	299	97									
31	322	86	15							30100	
4-1	265	65									
2	139	68	21	60							
3	55	127	146	80							
4	255	149	12	28							
5	257	211									
6	226	104	24								
7	260		48								
8	240										
9											
10											
11											
12	229	122	83	10							
13	252	156	4	26							
14	132	106	104	66							
15	134	124	96	54							
16	148	123	93	44							
17	178	14	66	44							
18	171	86	72	48							
19	152	122	132	43							
20	188	130	39	15							
21	185	233	62	40	10						
22	102	130	158		47						
23	81	107	157		51						
24	94	99	139		40						
25	259	181	50		40						
	4779	2810	1563	552	188					432200	436
	x 506	x 544	x 423	x 563							
	2418174	1528640	661149	310776							

SA 066493

466 Celgar	TW Blue	Now Bleed	Courtland HW	Donald	Southwestern HW	467 Cariboo
12	10,000					
	10000					
		5000				
			86			
			31	81		
				102	6	
						10
						36
12	20,000	5100	117	183	6	46
466						467

Date
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3
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2
3
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5
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7
8
13
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SA 066494

April-82

Mill-D

Daily Chemical Report

Date	Glue	Size Tank	Size Rosin	Clinco	TiTA	Sodium Aluminate	Salt
3-29	98	2	240	144	122	1	
30	171	2	220	316	145	1	
31	147	2	240	128	200	1	
4-1	195	3	360	136	155	1	
2	196	4	240	128	200		
3	73	5	360	135	180		64
4	123	5		112	200		
5	122	5	240	112	180		
6	187	6	360	128	170		
7	279	6	300	154	200		
8	220	2	[illegible]	[illegible]	[illegible]		
9							
10							
11							
12	196	4		224	101		46
13	245	4		144	106		
14	171	4		144	278	1	
15	98	4		158	169	1	
16	95	5	360	128	200		
17	122		360	172	200		
18	123		240	112	220		
19	171		240	158	225		
20	147		240	172	200		
21	172		240	224	225		
22	122		480	188	250		48
23	97	4	360	112	200		48
24	98	9	600	112	240		48
25	74			110	251	1	
	3742	76	6100	3683	4745	7	254

SQ 066495

Beater Room Report

Colors - Mill C X

Date	Solar Blue	Black	yellow	orange	yellow	Blue	Blue	Red	Green	Orange
8-29	73	131	131							
30	28		2					3		
31	84	117	2					9		
4-1	313	44						12		
2	289	44	7					10		1
3	223	49	2					3		
4	82	164	236							
5	342	20	51							6
6	189									
7	158	46	57							
8	206	97								
9										
10										
11										
12	146	47	293							14
13	41	18	30	1		269				6
14	70	28		5	2	75		3		
15	22	9	9			2718		3	6	
16		8				3881		5	8	
17		12	2			1294	675	6	1601	
18		11	3				1395	7	4595	
19		9	3				1224	5	2866	
20	56	25	4					3		
21	13	105	305	20				2		
22	188	80	2					2		
23	44	142	4					2		
24	35	148	3					2		
25	42	166	4							
	2638 ✓	1520 ✓	1150 ✓	26 ✓	2 ✓	7937	3294	77 ✓	9076 ✓	57 ✓

SA 066496

M 11 - D

May 82 Beater Room Report - Chemicals used [illegible]

	Alum	Size	clay	Ansilex	CM	AX	Nalco	yellow	C.		So.
4-26	1840	60[illegible]	4900	5850	10025	6950	7361	337	474	[illegible]	[illegible]
4-27	1640	4920	1[illegible]500	2800	31[illegible]	2070	342	248	21[illegible]	[illegible]	31
4-28	1860	8940	78[illegible]	33[illegible]	3125	2400	279	37	237	[illegible]	
4-29	1540	76[illegible]	4400	4450	7050		231	11	193	1[illegible]	[illegible]
4-30	1700	6130	[illegible]100	5100	11[illegible]	1300	378	4[illegible]	98	[illegible]	
5-1	1820	10880	4200	3000		5820	474	13	[illegible]	[illegible]	
5-2	1940	1[illegible]	3400	1900		5700	[illegible]7	14	[illegible]		
5-3	1940	8460	6550	[illegible]		5700	477	7	[illegible]	[illegible]	[illegible]
5-4	1980	81[illegible]0	8600	1100	700	2150	576	99	46	[illegible]	[illegible]
5-5	2180	[illegible]	7730	2350		3600	513		3[illegible]	[illegible]2	[illegible]
5-6	1860	7680	10240	350	775	500	537	126	178	[illegible]1	[illegible]
5-7	940	[illegible]	2300	2100	3550	2500	261		110	[illegible]4	8[illegible]
5-8											
5-9											
5-10	1620	66[illegible]0	2850	7[illegible]00	1550	17630	468		196	201	[illegible]
5-11	3060	66[illegible]0	2350	5050	14325	750	432		134	247	[illegible]2
5-14	1540	8220	4540	2900	5550	1700	432	68	22	170	39
5-12	2200	12140	7350	2600		2600	672		222	[illegible]0	
5-13	2560	10170	6250	2650	1150	4500	576		192	248	[illegible]6
5-15	1420	5810	5260	2000	6400	850	378	65		127	140
5-16	1500	7420	4650	1100	4750	100	372	37		204	91
5-17	1280	7040	5800	2450	9950		366	135		217	116
5-18	2080	7100	3900	1[illegible]00	10650		411	370	112	[illegible]4	89
5-19	1440	5730	45900	3050	1[illegible]710		432	388	26	400	177
5-20	1680	6240	3050	9100	13950		504	90	168	412	197
5-21	1620	5910	[illegible]260	6515	14650	1400	4[illegible]6	[illegible]6	39	[illegible]7	[illegible]
5-22	1800	6350	3280	11[illegible]	11350	450	405	25	191	[illegible]9	[illegible]
5-23	2080	[illegible]	4700	3100	1050		624		32	[illegible]6	[illegible]
	47100	198312	189860	94750	156600	68600	18074	2207	3595	[illegible]	[illegible]

SA 066497

	orange	Dry clay
26	79	
27	87	
28	11	
29	15	
30	37	
1	26	
2	26	
3	26	
4	42	
5	57	
6	17	
7	34	200
8		
9		
10	41	
11	50	
14	31	
12	1[illegible]	
13	20	
[illegible]	24	
6	13	
[illegible]	62	
[illegible]	168	
[illegible]	175	
20	50	1400
	51	
	21	
	28	
	1204	1600

May
Date
4 26-8
4 27-8
4 28-82
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Mill - C

May-82 545 386 1770 AT 50% 25 gal 753 Daily Chemical Report

Date	Alum	clay	Size	[illegible]	stay size	[illegible]	[illegible]	$ 91 Detoamer	[illegible]	[illegible]
4-26-82	537	6	160			6900	3300		125	
4-27-82	913	8	154			8950	3000	15	[illegible]	6
4-28-82	636	10	151			6450	1200	15	[illegible]	3
4-29	358	9	149			7000	1925	15	[illegible]	3
4-30	536	8	184			[illegible]	2550	15	[illegible]	[illegible]
5-1	552	3	210	4000		[illegible]	[illegible]	15	[illegible]	[illegible]
5-2	341	4	208			3850	1125	15	100	[illegible]
5-3	537	6	220			3750	50	15	100	3
5-4	477	12	164	2000		2800	900	15	100	3
5-5	476	14	144	3800		3500	1000	15	100	3
5-6	716	11	148	2000		3950	1100	15	100	4
5-7	278	3	39	2000		[illegible]	[illegible]	15	75	1
5-8										
5-9										
5-10	616	9	124	4000		5750	[illegible]	15	[illegible]	
5-11	716	7	110			9350	3225	15	100	[illegible]
12	357	4	184			3350	1825	15	100	3
13	656	7	129			✓		15	100	[illegible]
14	715	10	156			1150	400	15	75	4
15	417	7	177			[illegible]	500	15	[illegible]	3
16	358	5	151			1850 ✓		15	[illegible]	
17	485	5	120			[illegible]	[illegible]	15	100	[illegible]
18	[illegible]	5	131			[illegible]	2000	15	[illegible]	[illegible]
19	418	3	149			[illegible]	2600	15	[illegible]	
20	417	1	150			[illegible]	3200	15	[illegible]	
21	536	7	136			250 ✓		15	[illegible]	
22	477	11	126			✓		15	[illegible]	
23	501	10	123			1800 ✓ ✓	400	[illegible]	100	
	13562	185	3903	17500		119375	36000	315	2500	
	x545	x 3960	x 7.3	X		X	X	17 91	x8	
	73913	73,600	28,491.9					2966	21803	
	X		x .5					X	X	
			÷ .77							

SA 066499

	Alabama	Bisbee	Colorado	Utah	Stanford	Arizona	Oregon	Montana	Idaho	Soda Springs	Douglas	Clay Tully
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May 1982 7.73 Blue Coater Chemical

Date	Latex	DF-172	DC-111	Kelgin	T.S.P.P.	Litt. clay	6.82 Ammonia	Uvitex	Carb. Carbite		
4-26-82		48		48	20	1876	32		200	[illegible]	60
4-27		36		36	15	1407	63			[illegible]	45
4-28		44		36	15	2071	157		950	5900	[illegible]
4-29	340	14				1410	20		900		25
4-30		72		72	30	2856	50		300	1800	
5-1											
2		60		60	25	2345	40		250	[illegible]	[illegible]
3		48		36	20	1876	32		200	[illegible]	[illegible]
4		36		24	15	1407	24		150	900	45
5		36			10	1502	173		600	[illegible]	45
6	170	8				547	39		350	1400	10
7	100	9			10	1141	20		100	600	30
8		32	20		42	2188	28		100	600	30
9											
10		32	40	60	64	2500	24	136			
11		14	35	55	56	2168	21	119			
12		60			25	2345	40		250	[illegible]	
13		48	12		10	[illegible]	52		[illegible]	1100	[illegible]
14		24	4		5	[illegible]	[illegible]		[illegible]		[illegible]
15		48			20	[illegible]	24		[illegible]	[illegible]	[illegible]
16											
17	110	40			13	2197	113		700	4300	[illegible]
18		8				469	21		50		[illegible]
19		28				1311	56		[illegible]	7[illegible]	[illegible]
20	170	36			10	1531	27		450		40
21		48			20	1876	32		200	[illegible]	
22		36			15	1407	24		150	900	45
23		48			20	1876	32		200	[illegible]	[illegible]
	950	913	111	425	460	42799	1239	255	8250	[illegible]	[illegible]
			X 8.18			1.10	6.82				
			908			42799a	8443				

SA 066501

71-306
[illegible]

	6107 Latex	10 Nucosant	9.09 Berset	HV Kelgin	dinsize	Pencor	PG-280	620 Latex	9.09 Choline chloride	10 Bacote	20 EAA-483 Latex	Cellulose CMC-7L
6		-	30					880				
7			22					660	9	26	300	
8		4	36					1012	27	22	900	25
9	280	3	23					351	51	16	1044	19
0			45					1320	15	7	300	
1												
			38					1100				
			30					880				
			23					660				
		2	23					660	81	98	2044	
	140	3	5				100	132	9		300	7
	82	1	15				100	440			200	
			15	30				440				
			38					1100				
		4	22				1200	295				
		2	15				400	395				5
			30					880				20
	140	2	28				157	805	21	147	1740	[illegible]
		1	[illegible]					135				
		4	21					451	32	30	660	1[illegible]
	140	3	20				200	572	14	13	280	1[illegible]
			30					880				20
			23					660				15
			30					880				20
	782	29	570	30			2157	15994	262	459	7768	181
		X10	X 9.09									
		290	5181									

Cellulase CMC-7L	306 Elvanol	722 Latex	720 Scriptset	Colgon T	BERSET 39	673 Latex
20		141	11			
19		260				
		74				
		348				
7		53			5	
		49				
						8 drums
						16 "
						14 "
				9		
5				3		
20						
25		88			5	
		25				
12		28				
18		53				
20						
15						
20						
181		1179	11	12	10	38
		x 3.98	227			
		4692				

SA 0665503

Mill - C

May 87 Hydrapulper Report

Date	Gr. Prairie	Pontiac	Eddy	ASW	P.S	Cariboo	AHW	Cedar	Prince George
4-26			51	111	31		54	34	
-27			48	108	36		52	32	
28			54	120	40		58	36	
29	20		21	104	29		111	34	
30	20			126	40			34	
5-1			46	117	38			61	
2			28	[illegible]	41			42	
3			74	143	43			12	
4			39	165	45			26	
5				275	56				
6				174	60				
7				88	6				
8									
9									
10	5			200	59			16	
11	25		18	138	46			27	
12			28	112	13		52	50	
13			24	118	32		78	24	
14			24	126	42		42	24	
15			6	144	8		10	6	32
16			48	123					52
17				109					44
18				134	17		27		41
19			61	90	8		8		44
20	16		50	84	15				28
21	44			138	39		68		
22	40			150	50		100		
23	32			117	34		32		
	202		620	3434	829		745	Yrs	244

SA 066504

	Intrawhite	Westvaco	Cort Lizzing	Broke	Hydro clay	Rull S.W	Nesksoga	Western H/W	Champion H/W	A.Niley	T.O.Z.S.M	wags magica yellow
26												
27												
28												
0		57										
1		61										
		55										
		63										
		52						12				
		42						33				
		62						12	100			
		20										
		71								150	450	
		60								750	2250	84
	14	22	21000	17000								72
			18000	17000								[illegible]
			18000									12
			[illegible]	14500								
				25500								78
			16500	10500								66
			[illegible]	[illegible]								
			[illegible]	4500								6[illegible]
			[illegible]									4[illegible]
			[illegible]									[illegible]
												[illegible]
			[illegible]									[illegible]
	14	565	[illegible]	4750				57	100	900	2700	7[illegible]

SA 066505

Mill D

May 82 506 544 423 Hydrapulper Report

Date	ASW	AHW	Eddy	563 GP Parrie	Pontar	[illegible]	Willamette	Rollpulp E-Tex	[illegible]	[illegible]	[illegible]
4-26	118	74	5								
27	203	80	27						38		
28	153		55						[illegible]		
29	71		60						[illegible]		
30	120		50						[illegible]		
5-1	10		[illegible]						[illegible]		
2			74						[illegible]		
3	80								41		
4	98								52		
5	81	15							145		
6	100	8							218		
7	40		20						88		
8											
9											
10	18		58						134		
11			78						131		
12	180		36						166		
13	247			30					182		
14	162	3		10					90		
15	218	72							16		
16	162	90									
17	127	81		10							
[illegible]	190	78									
[illegible]	192	72									
[illegible]	140	108		30							
21	104	78		45							
22	200	108		24							
23	156	146		56							
	3230	1013	648	205					209		728500
	x 506	x 544	x 423	x 563							
	1634380	551072	274104	115415							

5A 066506

	eelgar	IV Blue	non-Bleed	courtland HW	Pananll	southwest HW	467 caribou	pine SW	prince Albert	champion HW	Intercon
6							5				
7											
8	20						35				
	60									55	
	50									86	
	50						126			84	
	50								120	84	
	30					152			57	104	
						169				162	
									63	64	
								72	45	35	
										60	
										216	
										194	
							99			52	
							20		46		
									90		
									132		
									83		27
									12		66
											33
	66										28
	93										
	14										
	122										
	615					321	285	72	642	1256	254

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SA 066507

Mill - D

May 82 Daily Chem

Date	Glue	Size Tanks	Size Rosin	Clinco	TITA	Sodium Aluminate	Salt
4-26-82	98	4		160	314		
4-27	73	4		108	100		16
4-28	101	8		96	125		
4-29	73	6		138	207		32
4-30	171	6	240	128	180		
5-1	98	6	360	192	200		80
2	74	7	580	144	180		80
3	73	6	360	128	200		
4	123	5	240	160	190		
5	122	5	360	160	200		
6	98	5	360	144	200		
7	98	1	240	80	200		
8							
9							
10	123	2		234	336	32	
11	98	4		174	323	3	48
12	28	6		190	64	1	64
13	30	4		154	116	2	32
14	220	2		102	200		
15	122			144	220		
16	147	2		140	225		64
17	98	2		84	225		
18							
19	343			464			
20							
21	147	5		160	200		
22	172	5		176	210		48
23	99	10		192	141	16	
	~~2486~~ 2829	105	2740	~~3388~~ 3838	4556	54	464

SA 066508

May 148 –

Date	Solar blue	Black	yellow 76x	orange	yellow F.W	Blue 76x	Interstate blue	[illegible]
4-26	40	147	1					2
4-27	130	148	3					2
4-25	72	155	7					3
4-29	61	37	21					3
4-30		71						
5-1	105	27	11					3
2	68	26	8	1				3
3	165	107	60	14				
4	89	15						
5	134	142	46	10				1
6	183	155						
7	42	50						
8								
9								
10	105	171						3
11	80	81	11					
12	191	51	4					
13	48	82	70	8				
14	154	30						
15	96	77	16					
16	4	68						
17	22	89	2					
18	126	156						11
19	126	195						15
20	60	195						23
21	60	28						
22	84	67						
23	151	47						
	2396	2417	260	33				69

SA 066509

June 82 Beater [illegible] Chem

	Alum	[illegible]	Clay	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		
5-24	1940	[illegible]	11,580	4		4550	-	40			
25	1600	10600	5400	39	5066		[illegible]	114	2		
26	1445	8200	3300	[illegible]	[illegible]	[illegible]	[illegible]	36			
27	[illegible]	6200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			
28	1335	8200	3060	3	1033		[illegible]	332		[illegible]	126
29	1615	[illegible]	4720	4500	[illegible]		[illegible]			[illegible]	
30	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]		[illegible]		[illegible]	
31	1440	[illegible]	5940	4330	[illegible]		441	[illegible]	[illegible]	[illegible]	
1	2430	12170	[illegible]	2150	1020	4800	499	247		[illegible]	[illegible]
2	1145	7840	7600	3150	1030		453	291		[illegible]	
3	1950	5690	3760	3800	12850		384	1315		151	[illegible]
4	1310	6610	3180	3050	11000		348	2597	109	402	124
5	1540	[illegible]	5660	3850	11,250		402	288		.08	130
6	2040	10000	6900	[illegible]	250		467	224		.02	[illegible]
7	1920	1960	2400	4000	15250		326	109		10	50
8	1990	7280	2500	4300	3800		534	1	48	78	[illegible]
9	1640	5400	3750	1950	12100		444		111	81	[illegible]
10	1510	3600	3850	3200		12975	450		17	[illegible]	14
11	1610	4860	1800	8000	19500	3650	444			67	[illegible]
12	1860	6520	3080	6550		21050	519		123	71	34
13	2110	10580	6700	3450		15300	693	5	58	113	[illegible]
14	2200	8440	4450	6450		16300	666			112	17
15	1240	4440	2100	5300		11400	373			163	30
16	1640	[illegible]	8200	[illegible]		7900	426			[illegible]	[illegible]
17	1238	10200	3500	4150	4948	2700	408			118	[illegible]
18-19	2224	14340	9650	4450	[illegible]	12200	942	[illegible]	114	427	[illegible]
20-21	3000	[illegible]	9120	5740	5500	20370	885	67		[illegible]	90
22-23	2660	12470	8386	1650	1800	17450	198	17	27	246	[illegible]
24-25	3260	[illegible]	21980	1859		22900	1084	60	37	394	103
26-27	2835	13160	6300	8200	[illegible]	10300	783	746		622	[illegible]
28-29	3540	11280	18000	7500	1820	1000	1020	647		315	[illegible]
30	1720	5160	4800	5300	11125		474	303	57	159	[illegible]
	62847	276,560	197,996	154,514	193,309	201,395	17,450	9,246	6026	6559	3,100

[illegible]	[illegible]
[illegible]	
259	
B28	
[illegible]	
[illegible]	
44	
17	
120	
180	
19	2100
77	1650
32	
48	
164	
255	
[illegible]	
123	
[illegible]	
151	
141	
[illegible]	
122	
[illegible]	
[illegible]	
[illegible]	
[illegible]	
6512	3,750

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SA 066511

	Alum	clay							
5-24 82	596	6	125			[illegible]	3750	[illegible]	
5-25-82	[illegible]	8	129			[illegible]	[illegible]	[illegible]	
5-26	537	9	118			[illegible]	[illegible]	[illegible]	
5-27	[illegible]	7	116			[illegible]	[illegible]	[illegible]	
5-28	417	10	[illegible]			[illegible]	[illegible]		
5-29	357	4	160			[illegible]	[illegible]		
5-30	268	4	[illegible]			[illegible]	[illegible]	[illegible]	
5-31	477	3	141			[illegible]	[illegible]	[illegible]	
6-1	417	2	196			4200	9100	[illegible]	
6-2	298	5	165			5200	6200	[illegible]	
6-3	596	8	179		2000	[illegible]	[illegible]	[illegible]	
6-4	477	7	178		2000	[illegible]	3000	[illegible]	
6-5	537	8	179			[illegible]	[illegible]	[illegible]	
6-6	445	9	150			9100	[illegible]	[illegible]	
6-7	536	8	174			[illegible]	5450	[illegible]	
6-8	358	6	143			7800	10325	3775	
6-9	536	7	174		2000	9100	[illegible]	[illegible]	
6-10	358	8	151			8900	6250	[illegible]	
6-11	[illegible]	3	154			[illegible]	3400	2200	
6-12	596	5	[illegible]			[illegible]	3250	[illegible]	
6-13	537	5	128			[illegible]			
6-14	178	—	41			[illegible]			
6-15	63	—	41						
6-16	238		51						
6-17			[illegible]			[illegible]			
6-18	437	6	[illegible]			[illegible]	[illegible]		
[illegible]	934	9	304			[illegible]	[illegible]	[illegible]	
6-21	536	6	157			9100	7650	[illegible]	
[illegible]	1013	8	382			13000	14350	5200	30
[illegible]	759	10	350			14300	11375	5200	30
[illegible]	1073	11	300			[illegible]	[illegible]	[illegible]	
[illegible]	1549	23	367		2100	[illegible]	12600	4500	
	16672	205	5358 x 7.32		8,100	279,100	156,875	69,411	570 x 7.91

SA 866512

	nalco	paramel	alum	clay tank	clinco	calcium chloride	soda ash
					3450		
	147		3	2800	2600		
	114		3	3700			
	111		3	3800			
	75		2	3200			
	195		2	4500			
	21		2	2100			
	87		2	1800			
	90		3	1700			
	96		2	1100			
	76		2	2500			
	150		3	3400			
	30		3	3100			
	45		3	3400			
	216		3	3800			
	159		3	3000			
	138		2	2100			
	168		3	3400			
	132		2	2500			
	132		2	1600			
	144		3	2100			
	174		3	2100			
			1			825	825
						[illegible]	240
			1			[illegible]	225
			1			750	50
	60		[illegible]	[illegible]			
	[illegible]		5	[illegible]			
	48		3	3200			
	266		5	4000			
	90		5	5000			
	210		5	9300			
	438		8	10900			
	3741		91	103700		3400	3400
				110 103800			

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SA 866513

Date	Silver HT	Protein	Calcium	Boron	Berries	Amino	[illegible]	Dried [illegible]	[illegible]	[illegible]
5-24	1876	5600	710	63	30	[illegible]	[illegible]	45	42	[illegible]
5-[illegible]	1876	3000	710	86	30	84	10	48	6	[illegible]
5-26	1533	2100	710	70	27	60		30		[illegible]
5-27	630	250		[illegible]		[illegible]		12	[illegible]	[illegible]
5-28 5-29	2345	4250	718	140	40	112		64		
5-30	1536	1600	487	[illegible]	15	[illegible]	[illegible]	[illegible]		
6-1	[illegible]	2400	405	[illegible]	23	63		36		
6-2	938	1600	270	56	15	42		27		
6-3	724	300	220	15	8	23	5	24		
6-4	2089	1200	900	60	30	48	60	74		
6-5	938	600	440	30	15	16	22	24		
6-6	938	1600	270	42	15	42		27		
6-7	[illegible]	3200	[illegible]	[illegible]	[illegible]	[illegible]		48		
6-8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				
6-9	[illegible]	600	440	30	15	16	10	24		
6-10	2032	900	811	45	22	30	31	45		
6-11	[illegible]	600	986	30	15	31		31		
6-12	[illegible]	900	660	45	23	24	15	[illegible]		
6-13	1876	2200	710	86	30	[illegible]	[illegible]			
6-14	[illegible]	3200	[illegible]	110	30	84		48		
6-15	938	2000	270	56	15	55		24	3	[illegible]
6-16	[illegible]	3200	440	31	17	115	5	[illegible]	42	[illegible]
6-17						7			[illegible]	
6-1[illegible]	[illegible]	600	440	30	15	[illegible]	[illegible]	[illegible]		
[illegible]	4533	2100	191	105	[illegible]	[illegible]	[illegible]	92		
21-[illegible]	1492 / 1961	300 / 2700	585 / 675	15 / 134	8 / 30	22 / 76	29 / 5	38 / 52		
[illegible]	1407 / 1407	2400 / 2400	405 / 405	84 / 84	23 / 22	63 / 63		36 / 36		
25-26	938 / 938	1600 / 1600	270 / 270	56 / 56	15 / 15	42 / 42		24 / 24		
27-[illegible]	1407 / 469	900 / 800	1660 / 135	45 / 28	23 / 75	24 / 71	15	36 / 12		
29-30	1407 / 938	900 / 1600	1660 / 270	45 / 56	23 / 15	24 / 42	15	36 / 24		
	50,652	60,800	18,492	2058	779	1802	351	1220	179	316 / 1612

SA 066514

	cemdurite	Nopcosan	cellulose CMC-7L	Latex 722	DC-111	Kelgin QL	86280	calgon T	753B clinsize	FC-807	720 Scripset	HB Pacifor	
	200		20										
	150	2	10										
	1050	6	24	88									
	50	2		192			157						
	133	5											
	50	2			10	20							
	200	3											
	50	2											
	950	3	5		12		1200	9					
	950	2	20		10		1000		2400	40	162		
	9200	10	10				130	8				800	54
	50	2											
	100	4											
	50	2											
	100		10										
	150		15		10	20							
	100		10		25	50							
	150		15										
	150	2	10										
	100	4											
	50	2	50				600						
	550		17	48									
	50	1		165			500		1000				
	50	1	50										
	50	35											
	350 425	1 4	5 5		19	28		3 3					
	75 75	3 3											
	50 50	2 2											
	150 85	1											
	150 50	2	15										
	16,483	108	261	533	86	118	3287	23	4200	40	162	800	54

2

SA 866515

[illegible]	239 Atlas	121-E Nopcide	Glycerine	6107 Latex	172 [illegible]	[illegible] Ethanol	Berset 39	Uvitex	Cellosize	PG 200	Sodium Nit
				140	[illegible]		5				
								31			
[illegible]00	54	2	36						50	800	
								34			
								85			
						150					
				114	140		4				2450
				164	212		6				
								68			
[illegible]00	54	2	36	418	522	150	10	221	50	800	2450

SA 866516

Date	[illegible]	westinco	[illegible]	[illegible]	[illegible]	Dover	[illegible]	[illegible]	[illegible]
5-24	20		[illegible]	108	[illegible]				
25	42	44	[illegible]	147	49				
26	12	4	30	[illegible]	12	[illegible]	10		
27			[illegible]	[illegible]		[illegible]			
[illegible]	33	3	[illegible]	1	[illegible]	[illegible]			
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]				
30	45		[illegible]	[illegible]	[illegible]				
31	21		19	12	23	71			
6-1			44	75	25	25		21	
2			[illegible]	121	46			[illegible]	
3			[illegible]	[illegible]	41			[illegible]	
4			32	73	32		[illegible]	[illegible]	96
5			28	62	16			[illegible]	[illegible]
6			34		[illegible]			[illegible]	[illegible]
7			[illegible]	130	[illegible]			42	[illegible]
8			46	102	31			[illegible]	
9			20	135	53			32	
10			20	130	50			[illegible]	
11			15	126	42			45	
12			11	15	39			33	2
13			12	13	44			36	31
14			11					[illegible]	
15			11					33	
16		8	11					[illegible]	
17		11	11					[illegible]	
18		11	11	90	12			33	
19		11	11	144	40			[illegible]	
20-21		67	7	118	7		6	21	
22-23		33	18	11				156	29
24-25			53					155	11
26-27			56	204	31			150	
28-30			8	503	161			24	108
	228	192	746	3096	1118	222	113	1107	491

90

170
51
[illegible]
[illegible]

SA 066517

18

[illegible]	Soundings	Cert	Magnesium	Harmac	Cal chloride	Soda [illegible]	Oil	ac [illegible]
	15							
29500								
3000								
21000								
		11-60	66					
				165				
23600								
660			65					
42			42				216	
45000							228	
36030								
12000								
[illegible]								
281,200	18 ✓	46500	632 ✓	665 ✓	3324	2325	444 ✓	3 ✓

XHS
Unuse

[redacted]

SH 866518

Date	ASW	AHW	Eddy	GP. Prairie	Westavoca	Reg. Crude	Diesel	Calgon	Various	HW	
5-24	83	106		25			35000				
25	108	83		36			35000				
26	137	59	83	26			100000				
27	122	37	99				13000				
28	127	14	147			9700	25,000				
29	108	24	104			10000	10000			76	
30	148	20	48			22,900					
31	106	30	30			30,300				56	
6-1	108	22	100			800				40	42
2	162	10	107				30,000				21
3	130	20	27								75
4	223	62	16								59
5	148	47	54								63
6	128	28	102			4800					42
7	35	70	189			3100					42
8	21	6	139	49						33	7
9	18	3	8	49		5000			42	83	
10	15			7					104	118	
11	27			49	80				74	94	
12	30			49	110	1300			52	62	49
13	30	36		121	125	1000				128	45
14	85		94	44	115	1200				00	
15	103		14					2		70	
16	11		21	42						90	
17	6		133	56		1000				80	
18			85	21		1000				146	
19	66		86							148	
20+21	282		154	63		10000	25,000			52	
22+23	86		214	105		10900 / 2000	25,000		39		
24-25	382		12						199		
26-27	463								173		
28-29	526					5000 / 1000			122		
30	186								169		
	[illegible]	[illegible]	[illegible]	[illegible]	430	[illegible]	[illegible]	2	[illegible]	[illegible]	[illegible]

SA 066519

w/S	Courtland tiles
20,800	
15,000	
41700	
17800	
18900	
22800	
31100	
33300	
11300	69
16000	49
16000	56
10200	8
37200	
31240	
26900	17
21350	50
10600	70
26400	79
25200	71
20500	62
15000 / 5000	118
25600 / 30900	114
20600 / 19500	[illegible]
20500 / 31200	142
10000	123
32000	89
661590	1267

SA 066520

Date	ASW	AHW	Eddy	GP. Prairie	[illegible]	Reg. Brake	[illegible]	Celgar	[illegible]	[illegible]	[illegible]
5-24	83	106		25			35,000				[illegible]
25	108	83		36			35000				[illegible]
26	137	59	83	26			10000				42
27	122	37	99				13,900				51
28	127	14	147			9,700	25,000				48
29	108	24	104			10,000	10,000			16	[illegible]
30	148	20	48			22,900				[illegible]	[illegible]
31	106	30	30			30,300				56	[illegible]
6-1	108	22	100			800				40	42
2	162	10	107				30,000				21
3	130	20	27								75
4	223	62	16								59
5	148	47	54								63
6	128	28	102			4800					42
7	35	70	189			3100					42
8	21	6	139	49						33	7
9	18	3	8	49		5000			42	83	
10	15			7					104	118	
11	27			49	80				74	94	
12	30	?		49	110	1300			52	62	49
13	30	36		121	125	1000				124	45
14	83		94	44	115	1200				80	
15	103		14					2		70	
16	11		21	42						90	
17	6		133	56		1000				80	
18			88	21		1000				146	
19	66		86							148	
20+21	282		154	63		10000	25,000			52	
22+23	86		214	103		10900 / 2000	25,000		39		
24-25	382		12						199		
26-27	463								173		
28-29	526					5000 / 1000			122		
30	186								169		
	[illegible]	677	2069	747	430	121080	208900	2	971	1224	1046

SA 066521

[illegible]	Sodium [illegible]	[illegible]	magnesium hydroxide (?)	Harmal	cal. chloride	soda [illegible]	Pine [illegible]	aerosol				Date
	18											24
												25
29500												26
[illegible]												27
3,000												28
												29
[illegible]												30
												31
												6-1
												2
												3
												4
												5
												6
												7
												8
												9
												10
		[illegible]	[illegible]									11
		[illegible]	66									12
		[illegible]	[illegible]									13
		[illegible]	[illegible]	165	[illegible]	[illegible]						14
			[illegible]	[illegible]	[illegible]	[illegible]						15
[illegible]			[illegible]	[illegible]	[illegible]	[illegible]						16
[illegible]			[illegible]	[illegible]	[illegible]	[illegible]						17
23600			[illegible]									18
[illegible]			66									19
42[illegible]			42				216					20+21
[illegible]							384					22+23
36030												[illegible]
[illegible]								2				[illegible]
[illegible]												[illegible]
281,200	18	46500	632	665	3324	3325	444	3				[illegible]

~~Xy~~ 28440

[redacted]

5A 066522

Date	[illegible]	westvaco							
5 4	[illegible]		[illegible]	[illegible]					
5	[illegible]	44	[illegible]	17	[illegible]				
6	12	4	30		[illegible]	[illegible]	10		
[illegible]			[illegible]						
[illegible]	[illegible]	3	[illegible]						
			[illegible]		[illegible]				
[illegible]	[illegible]		[illegible]	[illegible]					
31	21		1[illegible]	[illegible]	23	71			
6-1			44	[illegible]	[illegible]	25		21	
2			[illegible]	[illegible]	4[illegible]			[illegible]	
3			[illegible]		[illegible]				
4			[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	9[illegible]
5			2[illegible]	[illegible]	[illegible]			[illegible]	
6			[illegible]		[illegible]			[illegible]	[illegible]
7			[illegible]	1[illegible]0	[illegible]			4[illegible]	[illegible]
8			46	[illegible]	[illegible]			[illegible]	
9			2[illegible]	1[illegible]	53			32	
10			26	1[illegible]	50			[illegible]	
11			[illegible]	1[illegible]	42			45	
13			11	[illegible]	39			33	
[illegible]			12	[illegible]	44			36	[illegible]
14			11					[illegible]	
[illegible]			11					33	
1[illegible]		8	11					[illegible]	
[illegible]		11	11					[illegible]	
18		11	11	90	1[illegible]			33	
19		11	11	111	[illegible]			[illegible]	
20 [illegible]		67	7	118	7[illegible]		6	21	
21 2		33	18	11				156	29
2[illegible]			5[illegible]					155	1[illegible]
2[illegible]			56	2[illegible]4	21			130	
20 . 30			8	303	161			24	108
	228	192	746	3096	1118	222	113	1107	491

90

170
5[illegible]
[illegible]
[illegible]

SA 066523

SA 066524

[illegible]	Summer [illegible]	[illegible]	[illegible]	Harmaceutical	chloride	soda [illegible]	[illegible]	[illegible]			Date
29500											
3[illegible]											
[illegible]1100											31
			66								
				165		225					
23600											
42							216				
45000							224				
36030											
81,200	18	46500	632	665	3324	2325	444	3			

chase stx

Date	ASW	AHW	Eddy	GD. Prairie	[illegible]	Rogers	[illegible]	Colgate	[illegible]		
5-24	83	106		25			35[illegible]				
25	108	83		36			35000				
26	137	59	83	26			10000				
27	122	37	99				13[illegible]				
28	127	14	147			9[illegible]	2[illegible]				
29	108	24	104			[illegible]	[illegible]				
30	148	20	48			22,900					
31	106	30	30			30,300					
6-1	108	22	100			800				40	40
2	162	10	107				30,000				61
3	130	20	27								75
4	223	62	16								51
5	148	47	54								63
6	128	28	102			4800					42
7	35	70	189			3100					42
8	21	6	139	49						33	7
9	18	3	8	49		5000			42	8[illegible]	
10	15			7					104	118	
11	27			49	80				74	44	
12	30	[illegible]		49	110	1300			52	62	49
13	30	36		121	125	1000				12[illegible]	45
14	83		94	44	115	1200				[illegible]	
15	10[illegible]		14					2		[illegible]	
16	11		21	42						40	
17	6		133	56		1000				[illegible]	
18			88	21		1000				146	
19	66		86							148	
20+21	282		154	63		10000	25,000			52	
22+23	86		214	105		10900 / 2000	25,000		39		
24-25	382		12						199		
26-27	463								113		
28-29	526					5000 / 1000			122		
30	186								169		

w/S	Count and H/W
20,800	
15,000	
41700	
17800	
18900	
22800	
31100	
33300	
11300	69
16000	49
16000	56
10200	8
37200	
31240	
26900	17
21350	50
10600	70
26400	79
25200	71
20500	62
15000 / 5000	118
25600 / 20900	114
20600 / 19500	150
20500 / 31200	142
10000	123
32000	89
661590	1267

Jul

24

6-1

24+30

SA 066526

5-24-82							
25	7	6		106	132	1	64
26	123	6		86	24	1	
27	147	6		[illegible]	[illegible]		
28	49	5	300	92	170		
29	122	6	360	[illegible]	200		
30	[illegible]	6	240	[illegible]	[illegible]		
31	4	7	240	77	200		
6-1	167	4	240	98	19		
2	22	4	360	144	210		
3	122	4	240	88	180		
4	123	4		62	216	14	
5	49	4		110	56	2	
6	73	4		78	225	1	
7	49	4		128	204	1	65
8	196	5		80	204	4	26
9	221	4		120	456	1	
10	49	4		16	225	1	
11	368	4		96	250		
12	116	4		112	300		
13	147	4		96	300		
14	171	6		109	310		26
15	494	4		—	—		
16	[illegible]	4			[illegible]		
17	47	4		96	300		65
18	98	6		144	612	1	12
19	147	4		112	309	1	
20		2		128			
21+22	123	2		[illegible]			
23+24	95	2	240	118	250		13
25+26	268	11	720	240	360		
27+28	270	9	480	368	370		
29+30	245	9	600	256	380		

SA 066528

Fy - 1983

MILL D

July 82 — Beater Room Report (chemicals use[illegible])

	ALUM	SIZE	CLAY	Ansilex	AX	SCM	NALCO	yellow	SOLAR BLUE	Bla[illegible]	[illegible]
7-1	2430	12720	5400	2150	100	4800	590	242		113	[illegible]
2	2410	11420	5700	1950	3000	3300	420	51	393	[illegible]	25
3	1500	4500	7500	2400		6150	369		500	106	10
4											
5											
6	1860	5580	10450	5950	900	11500	609	236	50	[illegible]	[illegible]
7	1875	8260	10400	1750	3100	430[illegible]	345			12[illegible]	2
8	1770	12760	9700	1250	1000	3750	444	42		14[illegible]	34
9	1855	12380	6500	1050		3000	438	83		74	26
10	1985	10280	8700	1450	1900	5450	405			[illegible]	45
11	2000	10760	8700	1300	300	5250	420	60		133	46
12	2120	6780	8800	5550		6950	444	246	110	173	[illegible]6
13	1680	6660	5100	5400		12150	366	65		213	70
14	1340	12048	2550	2400	3200	12350	267	119		229	78
15	1660	7320	2850	2850	4350	17300	336	79		362	91
16	1760	7590	4150	5400	3300	15150	330	92		314	87
17	1860	9480	7100	3900	7500	6050	378	56		195	50
18	1855	10380	13580	2930	2950	5500	372	50		222	44
19	1600	8860	7280	2550	3700	7150	327	82		247	64
20	1640	9680	7240	1900	7750		348	78		168	66
21	1980	5460	6410	2200	2850	5300	261	82		149	66
22	1595	5070	5590	1950	3600	2450	220	324		102	52
23	2060	4950	8530	5200		6350	249	45	400	[illegible]3	6
24	2300	5460	8450	2450		9450	264	100	125	185	8
25	2060	8000	9375	2200	4150	3550	390	85	46	204	23
26	1925	11780	11830	2250	6400	200	567	130	160	106	15
27	1830	8340	8450	5000	8600		582	88	133	130	29
28	1095	4500	4950	2050	6650		255	88	118	147	32
29	1700	5760	8300	2150	4950		318	267		104	65
30	1825	8430	8350	3750	4450		384	83	108	50	28
31	1660	6840	12400	400	2800		300	47	86	65	17
8-1	1440	10620	6300	1100	4500		393	126		201	44
TOTAL	54670	252668	230635	82830	92000	157400	11391	3046	2529	4848	1404

SA 066529

No. 5+6 (BROKE LEFT OUT) - Comparison of Pulp at "Mill C"

DATE	HYDROPULPERS	BEATERS
May 2	146944	115096
3	151070	144057
4	182240	143936
5	140926	127650
6	143585	145732
	764765	676471
9	166509	138434
10	181510	164889
11	198930	170579
12	164406	138447
13	126750	122910
	838105	735259
16	149597	129290
17	159770	166312
18	130124	136326
19	122405	98298
20	114992	113700
21	134588	134000
22	155528	150462
	967004	928388
23	125574	125050
24	141206	145246
25	123616	144935
26	103738	115100
27	149792	153635
	643926	683966
	3213800	3:210.1

No. 7

DATE

May

SA 866624

No. 7, 8, + 9 (BROKE LEFT OUT) COMPARISON of Pulp At "MILL D"

DATE	Hydropulpers	BEATERS
May 2	207748	169176
3	166852	183707
4	193388	163844
5	166232	139424
6	157506	168489
	891726	824640
9	210412	163894
10	229068	242400
11	228910	205176
12	209700	208220
13	192890	183649
	1070980	1003339
16	220258	212622
17	210688	187313
18	181824	159252
19	187640	169709
20	179824	159038
21	183352	177510
22	204530	206342
	1368116	1271786
23	158104	167138
24	201734	199050
25	178016	184457
26	200982	189031
27	199498	185614
	938334	925290
	4269156	4025155

5A 066625

No. 5+6 Pulp Used in Hydropulper (BROKE LEFT OUT)

DATE	Allied S.W.	Allied H.W.	PR. ALBERT	CELGAR	NAHEOLA	PR. GEORGE	COHO-[illegible]	CRESTBROOK	DRYDEN	DRYDEN SEMI-BL.	TERRACE BAY
May 2			50400	82904	13640						
3			37800	113270							
4			63000	106040	13200						
5			58536	16730		65660					
6			32520			70350	40715				
			242256	318944	26840	136010	40715				
9			39024		53240		74245				
10					48400			133110			
11			138210		60720						
12		11986	65040	14340	73040						
13		11064		27246	88440						
		23050	242274	41586	323840		74245	133110			
16		36419		2868	94160				16150		
17		46100			93720				19950		
18		42412			47812				39900		
19		6454		28680	47960				21375	17936	
20				68832	27280					18880	
21				81260	32560					20768	
22			14634	63574	7920					18880	50520
		131385	14634	245214	351412				97375	76464	56520
23		20284	27642		61600					16048	
24		9220	30894		57200					17936	25956
25		7376	22764		55000					13216	25260
26	41934	3688	42276		15840						
27	87724	27660	32520							1888	
	129658	68228	156096		189640					49088	51216
	129658	226663	655260	665741	2117[illegible]	136610	114760	133110	97375	125552	101736
	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

SA 066626

[redacted]

TERRACE BAY	TOTAL	3500 lbs x BLATERS
	146944	7000
	151070	10500
	182240	7000
	140926	7000
	143585	7000
	764765	38500
	166509	3500
	181510	—
	198930	3500
	164406	3500
	126750	3500
	838105	14000
	149597	3500
	159770	3500
	130124	10500
	122405	3500
	114992	—
	134588	—
50520	155528	—
56520	967004	21000
	125574	—
25956	141206	—
25260	123616	—
	103738	—
	149792	3500
51216	643926	3500
101736	3213800	77000

✓

SA 866627

No. 7, 8, + 9 Pulp Used in Hydropulper (BROKE LEFT OUT)

DATE	Allied S.W	Allied H.W.	CEDAR	SUPERIOR	PR. ALBERT	NANEBLA	COMA-KAM	COASTBROOK
May 2	85800	48100	11568	62280				
3	61776	57722	15424	10380	73500			
4	48906	20202	19280		105000			
5	57840		16252		92140			
6	47236	21206	8604		48780	31680		
	305558	95280	71128	72660	319420	31680		
9		53476	12428		617188	82720		
10		79292			476196	102080		
11		76526	12428		422276	97680		
12	38720	82980				88000		
13		50630	9560		27100	105600		
	38720	342904	34416		1788160	476080		
16		61774	6692		303552	121440		
17		14752	15296		125744	54896		
18			17208		145256	19360		
19			16252		148508	22880		
20		14752	9560		106232	49280		
21		12908	9560		44444	58960	57480	
22		53476	8604			89760	52690	
		157662	83172		600536	416576	110170	
23		37802	6692			80080	33530	
24		58086	7648			97680	38320	
25		24894	16252			55440	81430	
26		46100	10516			89760	54606	
27		47022	10516			87120	28740	26100
		213904	51624			410080	236626	26100
	340278	801750	246340	72660	1098816	1334416	346796	26100
	✓	✓	✓	✓	✓	✓	✓	✓

SA 066628

TotAL
207748,
166852,
193388,
166232,
157506,
891726,
210412,
229868,
228910,
209700,
192890,
1070980,
220258,
210688,
181824,
187640,
179824,
183352,
204530,
1368116,
158104,
201734,
178016,
200982,
199498,
938334,
4269156,

5A 066629

No. 5+6 Pulp Used in Breakers (BOOK)

DATE	allied S.W.	allied N.W.	CELGAR	PR. ALBERT	NAHEALA	PR. GEORGE	CANO-KAMLOOPS	DRYDEN	DRYDEN SEMI-BL	TERRACE BAY
May 2			5180	22500	21640					
3				37485						
4				35550	9450					
5				40500						
6				37000						
			15180	173035	31090					
9				31500	43298		28112			
10					44265					
11					49005					
12		9345	7020		64320					
13		12300	21060		89550					
		21645	28080	31500	290438		28112			
16		27935	2340		82845			16200		
17		51946			105366			9000		
18		33750			71076			31500		
19		5520	16596		42774			20340	13068	
20			69632		291522				14916	
21			83640		35840				14520	
22			26928	11000	6160				14520	
		119151	199136	11000	373185			77040	57024	
23		20622		26136	63288				15004	
24		11550		26136	64476				15004	28080
25		7695		23760	65662				13640	34178
26	49760	5535		39015	20790					
27	92488	33450		27022					625	
	142248	78852		142069	214216				44323	62258
	142248	219618	242396	357664	908927		28112	77040	101347	62258
	✓	✓	✓	✓	✓		✓	✓	✓	✓

5A

066630

TOTAL
59320,
37485,
45000
40500,
37000,
219305,
102910,
44265,
49005,
80655,
122910,
399745,
129290,
166312,
136326,
98298,
113700,
134000,
58608,
836534,
125050,
145246,
144935,
115100,
153635,
683966,
2139550,

SA 066631

No. 5+6 Chemicals Used in Beaters (BOOK)

DATE	Alum	Size	Clay	Ansilex	Zealex	Talc	Talco	DRY ALUM	
May 2	14.88	2.74	82.92	11.25	—	25.00	.66	3.00	110.25
3	3.09	1.46	58.15	6.25	—	16.66	.33	5.50	
4	6.63	1.93	92.57	7.50	—	16.50	.40	—	125.53
5	6.28	1.58	101.91	6.75	—	18.00	.36		
6	10.63	1.40	73.89	6.00	—	16.00	.32		
	41.51	9.11	409.44	37.75	—	92.16	2.07	8.50	
9	20.98	5.09	101.64	9.75	—	24.50	1.16		163.2
10	9.34	2.76	63.19	2.25	—	4.50	.53		82.57
11	6.12	2.28	65.09	—	—		.52		74.01
12	14.90	4.96	130.76	2.25	—	4.50	1.04		158.41
13	37.34	6.39	180.66	9.00	—	19.13	1.58		254.10
	88.68	21.48	541.34	23.25	—	52.63	4.83		
16	36.98	7.04	229.39	14.00	—	26.25	1.54		315.20
17	24.45	7.93	273.54	22.00	—	40.50	1.72		[illegible]
18	22.35	7.76	208.55	18.50	—	50.00	1.48		[illegible]
19	18.85	5.13	186.14	18.00	—	43.50	1.08		272.70
20	22.85	5.75	206.33	25.00	—	46.50	1.00		307.43
21	24.60	7.00	263.89	30.00	—	51.50	1.20		378.19
22	9.13	3.00	161.53	10.00	—	15.00	.56		199.22
	159.21	43.61	529.37	137.50	—	273.25	8.58		1151.52
23	30.70	6.23	265.96	11.00	—	27.50	1.36		342.25
24	26.35	6.28	276.98	17.50	—	37.00	1.40		365.51
25	26.18	6.98	271.24	17.75	—	33.25	1.38		356.78
26	27.52	7.86	163.89	25.18	—	61.86	1.43		287.74
27	28.13	6.30	284.18	17.00	—	32.49	1.60		[illegible]
	138.88	33.65	1262.25	88.43		192.10	7.17		
	426.28	107.85	3742.40	266.43		610.14	22.65	8.50	
	✓	✓	✓	✓		✓	✓	✓	

5A 066632

Broke	Raw Matl	Produce
23180	96545	78070
4165	50794	36000
5000	62553	57840
4500	58488	50590
3000	50824	46690
39845	319204	269190
42090	161312	145040
21985	74507	77410
4985	72401	83930
49345	145841	115130
74590	222910	227090
204005	676971	648600
63210	224020	187450
48688	252014	244500
48674	245864	196530
36702	162270	160800
11300	155743	135980
16000	187819	164830
11392	89922	68090
235966	1287652	1158180
44950	204275	181900
29754	211551	196180
27565	208178	196980
62750	206624	177190
5676	247370	219090
221784	1077998	971340
701600	3361825	3047310

SA 066633

No. 546 — Pulp Used in Beakers (RAWSTOCK)

DATE	allied S.W.	allied H.W.	CEDAR	PR. GEORGE	COMO-KAMLOOPS	CRESTBROOK	PR. ALBERT	TERRACE BAY	TOTAL	DATE
May 2			5576						5576	May
3			10672						10672	
4			9936						9936	
5			17850	6900					8750	
6				7022	3810				10832	
			27934	13922	3810				45666	
9					3524				3524	
10						12024			12024	
11							12574		12574	
12							5792		5792	
					3524	12024	17936		33514	
22			4082					510	9154	
			4082					510	9154	
			31996	13422	7434	12024	17936	510	83524	

[redacted]

15# x Tons

RAWSTOCK

TOTAL	DATE	Alum	Size	Clay	Ansilex	Zeolex	Talc	Talco	Broke	Wet Strength	Raw Stock	Finished
55776	May 2	DRY → 775 1040	863	3915				64	24224	496	87153	66180
106572	3	DRY 1350 1013	1000	4220				120	43428	1090	158793	145380
98936	4	1607	700	5783				112	41064	1043	149245	134100
87150	5	1502	625	7050				100	32850	959	135236	127920
108732	6	2652	725	2401				124	46268	1133	162085	151000
571661		DRY 2125 9814	3963	23369				520	192834	4721	612512	621430
35524	9	677	250	587				40	14476	337	57891	44920
120624	10	2130	850	2328				136	49376	1220	176664	162640
125574	11	1398	775	1558				124	33426	1190	160045	158660
57792	12	920	400	818				64	22208	507	82709	67640
335514		5125	2275	5291				364	119486	3254	471361	432866
91854	22	1462	675	1560				108	43146	1042	139847	138790
91854		1462	675	1560				108	43146	1042	139847	138790
34534	DRY	2125 14401	6913	30220				192	35466	9617	[illegible]	[illegible]
		✓	✓	✓					✓			

SA 066635

No. 7, 8, + 9 Pulp Used in Beaters (BOOK)

DATE	Allied S.W.	Allied H.W.	CELGAR	SUPERIOR	PR. ALBERT	NAHEOLA	GOHO-KAMLOOPS	TERRACE BAY
May 2	734 21	412 99	64 97	341 11				
3	753 43	65 82	60 91	85 28	259 89			
4	244 64		64 97		341 11			
5	561 06		60 91		345 17			
6	350 97	59 85	72 33		409 89	212 58		
	2644 31	538 66	324 09	426 39	1356 06	212 58		
9		310 87	53 30		302 02	499 55		
10		674 31			475 22	609 51		
11		677 07	103 40		348 97	672 96		
12	394 52	847 26				840 42		
13		313 59	76 83		219 39	709 56		
	394 52	2823 10	233 53		1345 60	3332 00		
16		342 66	66 47		290 81	650 60		
17		63 59	93 48		843 11	340 84		
18			90 01		919 74	167 33		
19			86 55		925 20	177 58		
20		148 37	69 24		818 42	462 03		
21		141 31	11 08		243 01	666 07	252 03	
22			56 49			156 07	440 58	
		695 93	473 32		4040 29	2620 52	692 61	
23		127 17	68 65			392 33	335 15	
24		285 43	75 32			428 91	367 72	
25		251 09	75 32			580 92	367 72	
26		269 17	61 19			577 88	358 79	
27		288 43				532 38		
		1221 29	280 48			2512 42	1429 38	
	3038 83	5272 98	1311 42	426 39	6741 95	8677 52	2121 99	
	✓	✓	✓	✓	✓	✓	✓	

SA 066636

TOTAL

155328,
122533,
65072,
96714,
110562,
550209,
116574,
175904,
180240,
208220,
131937,
812875,
135054,
134102,
117708,
118933,
149806,
131350,
65314,
852267,
92330,
115738,
127505,
126703,
82081,
544357,
2749708,

SA

866637

No. 7, 8, + 9 Chemicals Used in Beaters (BOOK)

DATE	Alum	Size	Clay	Ansiles	Zealex	Tite	Talco		Broke
May 2	18.00	13.71	216.66	—	30.00	75.25	2.16	355.73	606.
3	24.13	10.29	237.13	.50	24.00	49.50	1.70		469.
4	26.75	5.65	56.07	—	24.00	55.00	.81	148.28	159.
5	10.75	14.38	51.44	10.50	25.50	89.50	1.29	203.36	322.
6	12.26	11.35	74.94	—	24.75	54.25	1.48	179.03	364.
	61.89	55.38	636.24	11.00	128.25	323.50	7.44		1922
9	14.95	8.95	64.58	14.00	—	28.00	1.59		424
10	20.28	9.93	132.35	4.25	—	41.75	2.42	210.98	655
11	22.54	9.78	236.65	—	—	28.00	2.51	299.48	110
12	23.00	12.44	312.03	11.00	—	43.00	2.76	404.23	677
13	15.38	8.93	208.45	19.88	—	65.00	1.85	319.49	525
	96.15	50.03	954.06	49.13	—	205.75	11.13		2993
16	15.75	9.83	167.86	30.00	—	65.25	1.89	290.58	539
17	14.75	10.00	145.38	38.50	—	74.00	1.77	284.40	428
18	12.75	8.90	135.60	38.50	—	66.50	1.53	263.78	352
19	13.31	8.54	133.27	39.13	—	70.88	1.60	266.73	408
20	16.75	11.35	216.33	33.00	—	52.50	2.01	331.94	511
21	15.00	9.55	152.54	21.50	—	39.00	1.80	239.39	486
22	6.63	5.90	46.13	26.50	—	53.00	.80	138.96	141
	94.94	64.07	997.11	227.13	—	421.13	11.40		2869
23	10.00	8.25	52.28	22.50	—	56.00	1.20	150.23	276
24	13.63	14.10	106.28	24.00	—	57.50	1.64	217.15	477
25	14.13	10.88	147.15	24.00	—	56.00	1.70	253.86	419
26	14.25	10.50	160.13	19.50	—	48.00	1.71	254.09	442
27	9.88	5.93	114.75				1.19	131.75	364
	61.89	49.66	580.59	90.00		217.50	7.44		1981
	314.87	219.14	3162.00	377.26	128.25	1167.88	37.41		7767
	✓	✓	✓	✓	✓	✓	✓		

SA 066638

Broke	Raw Mat'l	Product
60672	245578	194900
46967	203245	182810
45928	95828	83170
32286	149336	101200
36438	164903	155410
192291	864870	717490
42426	172207	155540
65596	262598	191880
71010	281198	270600
67780	316423	262200
52563	216449	187140
299375	1248875	1067360
53946	218058	183350
42898	205440	178560
35292	179378	165040
40817	186423	159230
51194	234194	202890
48650	203939	189420
14186	93396	75980
286983	1320828	1155470
27670	135023	125790
47762	185245	153780
41995	194886	164030
44297	196409	165600
36419	131675	124920
198143	843208	734120
97677	427781	367440

066639

No. 7, 8, + 9 Pulp Used in Beaters (BLADE COATER)

DATE	Allied S.W.	Allied H.W.	CELGAR	SUPERIOR	PR. ALBERT	NAHEOLA	COHO-KAMLOOPS	CRESTBROOK
May 2			22.16	116.32				
4	225.58	254.38	81.24		426.52			
5			64.06		363.04			
6	187.28	178.60	21.82		123.64	67.93		
	412.86	432.98	189.28	116.32	913.20	67.93		
9		160.89				312.31		
10		226.09				438.87		
11		21.20				41.14		
13		175.82				341.30		
		584.00				1133.62		
16		263.73				511.95		
17		102.45	34.62		196.18	198.86		
18			62.32		353.12			
19			76.16		431.60			
20			13.85		78.47			
21			73.86		184.64		203.10	
22		519.87	6.92		39.24	844.25		
		886.05	267.73		1283.25	1555.06	203.10	
23		296.74				451.34		
24		283.26				549.86		
25		74.56	59.53			144.74	290.69	
26		129.53	41.20			251.41	201.14	
27		169.57	85.86			329.15	236.11	214.64
		953.66	186.59			1726.50	727.94	214.64
	412.86	2[illegible]6.69	643.60	116.3[illegible]	21[illegible].45	44[illegible].11	931.04	214.64
	✓	✓	✓	✓	✓	✓	✓	✓

[redacted]

TOTAL

13848,
98772,
42710,
57927,
213257,
47320,
66496,
6234,
51712,
171762,
72568,
53211,
41544,
50776,
9232,
46160,
141028,
419519,
74808,
83312,
56952,
62328,
103533,
380933,
1185471,

SA 866641

No. 7, 8, + 9 Chemicals Used in Beaters (BLADE COATER)

DATE	Alum	Size	Clay	Ansilex	Zealex	Tite	Halco			CALCIUM CARBONATE	Broke
May 2	1.50	1.80	22.50	—	6.00	17.00	18				41[illegible]
4	12.00	8.10	101.18	—	22.00	59.50	1.44				4522
5	5.00	5.00	81.00	—	20.00	52.50	.60				1729
6	7.63	4.68	77.33	—	12.75	29.00	.92	132.31			335[illegible]
	26.13	19.58	282.01	—	60.75	158.00	3.14				1002[illegible]
9	6.30	6.30	83.78	—	12.00	25.00	.72				246[illegible]
10	8.00	4.80	115.65	16.00	—	32.00	.96				295[illegible]
11	.75	.45	12.00	1.50	—	3.00	.9				27[illegible]
13	6.00	3.00	19.80	24.00	—	48.00	.72	101.52			202[illegible]
	21.05	14.55	231.23	41.50	12.00	108.00	2.49				772
16	9.00	5.10	74.25	36.00	—	70.00	1.08	195.43			304[illegible]
17	6.13	5.20	75.25	24.50	—	41.75	.74	153.57			202[illegible]
18	4.50	5.85	57.11	18.00	—	36.00	.54	122.00			124[illegible]
19	5.50	8.80	63.32	22.00	—	44.00	.66	144.28			152
20	1.00	1.60	10.35	4.00	—	8.00	.12	25.07			27[illegible]
21	5.00	8.00	60.99	20.00	—	40.00	.60	134.59			138
22	15.25	10.80	127.53	27.00	—	71.00	1.82	253.40			419
	46.38	45.35	468.80	151.50	—	310.75	5.56		1028.34		1367
23	9.00	7.80	76.11	24.00	—	54.00	1.08	171.99			331
24	1.00	.60	35.10	2.00	—	6.00	.12			37.50	36[illegible]
25	4.75	4.75	46.17	18.25	—	38.00	.57			7.13	142
26	7.13	7.13	75.47	20.50	—	57.75	.86				231
27	11.81	11.81	132.55	35.25	—	94.50	1.54				382
	33.69	32.09	365.40	100.00		250.25	4.17			44.63	1125[illegible]
	127.25	111.57	1347.44	293.00	[illegible].75	827.00	15.36			44.63	4[illegible]
	✓	✓	✓	✓	✓	✓	✓			✓	

[redacted]

SA 066642

Broke	Raw Mat'l	Prodtn
4152	22898	16680,
45228	164422	139770,
17290	76410	80460,
33573	104731	85030,
100243	368461,	321940,
24680	85410,	79370,
29504	113741,	120860,
2766	10779,	11480,
20288	82152,	54900,
77238	292082,	266610,
30402	127513,	93100,
20289	88857,	77900,
12456	66200,	48350,
15224	80428,	72310,
2768	14507,	~~0~~
13840	73459,	64810,
41972	208340,	178800,
136951	659304,	535270,
33192	125199,	113540,
3688	95232,	83110,
14298	83212,	64380,
23172	102384,	100760,
38217	170496,	169970,
112567	576523	531760,
426999	1896370,	1655580,

22
62
884
746

SA 066643

per cwt

Pulp Used in Trials

DATE	Order No.	Code	Lbs. Prod.	Hrs. Run	NAHEOLA						TOTAL	Alum
May 11	08-3162	3501	5280	8.7	18702						18702	22
					18702						18702	22
					18702						18702	22

SA 066644

[redacted]

TOTAL	Alum	Size	Clay	Ansilex	Zeolex	Tite.	Halco		Brine	Total
18702	225	338	1358	450	—	1350	27		8248	30740
18702	225	338	1358	450		1350	27		8248	30740
1870[illegible]	225	338	1358	450		1350	27		[illegible]	[illegible]
	✓	✓	✓	✓		✓	✓			

SA 066645

Mill "C" Daily Chemical Report

DATE		Alum	3000#/batch Clay	GAL. x 9.2 Size	675 100-B Clinton	Ansiles	Zeales	Tite	100-B #112 Staysize	DFI Actra-Foam	100 B 753 Clinsize	Uvetes	CP-7 Separa
May	2	333.72	270.00	600 55.20	82.00	11.25		25.00		95			2
	3	26.73	150.00	300 27.60	39.00	6.75		18.00		48			1
	4	33.72	240.00	27.60	39.00	7.50		16.50		18			2
	5	70.61	270.00	27.60	52.00	6.75		18.00		12			1
	6	77.46	180.00	27.60	—	6.00		16.00		6			3
	9	71.47	90.00	36.80	140.00	9.75		24.50		42			1
	10	62.65	120.00	27.60	65.00	3.00		6.00		24			2
	11	75.17	90.00	55.20	65.00	—	—	—		27			2
	12	69.37	270.00	27.60	91.00	2.25		4.50		39			1
	13	150.34	300.00	27.60	65.00	10.50	—	22.50		45			2
	16	77.50	360.00	27.60	175.00	14.50	—	27.50		44			2
	17	31.85	450.00	—	117.00	22.00		40.50		27			2
	18	45.55	360.00	27.60	78.00	18.50		50.00		9			1
	19	42.14	360.00	27.60	78.00	18.00		43.50		15			2
	20	181.10	360.00	27.60	78.00	23.00		46.50		18			2
	21	35.84	420.00	27.60	52.00	30.00		51.50		12			2
	22	38.73	300.00	27.60	65.00	10.00		15.00		6			3
	23	62.36	480.00	27.60	91.00	11.00		28.00		18			2
	24	60.37	480.00	—	78.00	17.50		37.00		18			2
	25	76.32	450.00	27.60	71.00	20.50		40.50		24			2
	26	101.69	360.00	27.60	—	21.00		50.00		18			1
	27	102.51	420.00	—	—	18.00		34.50		12			1
		1827.20	6780.00	588.80	1521.00	287.75		615.50		577			43
		✓	✓	✓	✓	✓		✓		✓			✓

SA 066646

[redacted]

	CP-7			100-B	
witex	Separan	Paramel	Nalco 680	Stazyme-J	Alum On
	200	19500	132	1600	4
	100	40100	156	—	1
	200	34500	152		2
	150	25800	136		2
	300	26430	156		5
	150	9100	156	2000	3
	200	26000	192	—	3
	250	26000	176	—	1
	100	14400	168	—	2
	200	0	160		5
	200	0	156	1600	5
	200	0	172		2
	150	0	148		2
	250	0	108		2
	250	0	100		3
	200	0	120		3
	300	29600	164		2
	200	600	140		4
	250	0	140		3
	250	0	144	700	3
	150	0	136	11700	3
	100	0	164	6500	3
	4350	252030	3276	24100	63
	✓	✓	✓	✓	

SA 066647

Mill "D" Daily Chemical Report

DATE	* Alum	4.24×28 240-1540 Size	Clay	CP-7 8.34/gal Separan	100-B Clinoptite	Tide	72/gal Halco 71-N	100-B #112 Chemsize	100-B Stoysize	Counter Clay	Soda Alum
May 2	1950	1546	23916	8	19200	8500	15				
3	2253	360 2319	24813	2	9400	8000					
4	1875	1546	15725	4	9600	8500	3				
5	1575	—	13244	4	4800	—	6				
6	1989	1675	15227	—	4800	8350	2			4	
9	2125	2319	14836	2	11200	8550	1		1600	✓	
10	2828	—	24800	4	9600	7800					
11	2554	—	26223	4	8000	3400					
12	2300	—	31203	2	9600	4700					
13	2138	773	22825	2	8000	8500	3				
16	2475	1546	24211	8	20800	8750	12			6	
17	2088	290 1804	22063	2	11200	11800	9				
18	1725	1546	19271	4	6400	12000	9			✓	
19	1881	1546	19659	4	9600	11500	9			✓	
20	1775	1546	22668	4	6400	6200	12			6	
21	2000	2319	21353	2	9600	8500	6			✓	
22	2188	1546	17366	4	9600	—	9				
23	1900	2319	12839	2	9600	9000	15				
24	1463	1546	14138	4	4800	10000	18				
25	1888	1546	19332	2	8000	8750	12				
26	2138	2319	23560	2	9600	10000	3				
27	2169	2319	24730	1	6400	9400				6	
	45277	32080	455002	71	206200	172200	144		1600	42	
	✓	✓	✓	✓	✓	✓	✓		✓		

SA 866648

Kaolin Clay	Sodium Aluminate
4	1
	1
	2
6	1
	1
	1
6	1
	—
	—
6	1
42	9

SA 066649

Mill "E" Bryant Coating

DATE	H.T. Clay	Casein	Col. Carb.	Tank H.T. Clay	Cam. Wite	Latex 630	TSPP	Formalyde-hyde	Salt Sodium Nitrate	Precote Protein
May 2-4	—	25 30		650 00	2 29	144 00	1 57	2 00	40 00	69 00
5-8	—	30 80		700 00	3 50	175 00	1 75	7 00	30 00	84 00
9-12	—	31 90		750 00	3 64	181 25	1 82	7 50	145 00	87 00
13-15	—	19 80		475 00	2 26	112 50	1 13	5 00	90 00	54 00
16-18	—	26 40		600 00	3 00	150 00	1 51	6 25	35 00	72 00
19-22	—	26 40		600 00	2 89	150 00	1 46	6 25	65 00	72 00
23-25	—	25 30		600 00	2 87	138 00	1 44	6 25	120 00	66 00
26-28		25 30		525 00	2 63	133 75	2 32	6 00	115 00	69 00
		211 20		4900 00	23 08	1184 50	13 00	46 25	640 00	573 00
		✓		✓	✓	✓	✓	✓	✓	✓

Parez Resin

Parez Resin	Protein Delta	Borax	Caustic Soda	Nopco 140T	Nopco 1610 A	ULTRA-MARINE BLUE	RED BKP
		345	100	1400			
		420	100	1400			
		435		1500			
		270	100	1000		30	1
		360		1250			
		360		1000			
		330		1250			
		345		1200			
		2865	300	10000		30	1
		✓	✓	✓		✓	✓

SA 066651

Blade Coater

DATE		GAL H.T. Clay	Ammonia	DC-111 Nopco	DF-122 Nopco	TSPP	Unitex	HV Kalgan	Latex 673	Nalco #201	Cam. Wite
May	2	25.00	24	40	16	63	136	60	868		
	3	18.75	18	30	12	48	102	45	651		
	4	21.00	26	30	20	48	102	45	843	4	900
	5	17.30	28	20	24	32	68	30	1029	12	2000
	6-8	31.25	30	50	20	80	170	75	1085		
	9	8.94	14	10	12	16	34	15	409	4	900
	10-11	8.49	14	10	12	16	34	15	409	8	900
	12	29.39	58	50	40	48	102	45	1676		4400
	13-15	37.50	36	48	24	96		95	1302		
	16	12.50	12	20	8	32		30	434		
	17	12.50	12	20	8	32		30	434		
	18		12	20	8	32		30			
	19	12.50	12	20	8	32	68	30	434		
	20-22	37.50	36	60	24	96	204	90	1302		
	23	25.00	30	20	22	79	92	60	868		
	24	18.75	34	30	28	88	68	45	651		
	25	15.65	15	25	10	40	51	38	543		
	26	6.25	7	10	4	40	34	15	217		9100
	27	31.25	30	50	20	80	170	75	1085		
	28	18.75	18	30	12	48	34	45	651		
		1288.27	466	593	332	1046	1469	913	14891	28	18200
		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

38827

Nalco C

SA 066652

Nalco CI-88	#280 PENford Gum	#720 SCRIPTSET	PC-807	ATLAS 229-1	CMC 7-L	#200 PENford Gum	CELLOGIZE
9	175				20		
20	400				40		
	200						
9	200				20		
9	200				20		
44	875				90		
		N	15				
		120	40				
	530			54		400	N
91	2580	135	55	54	190	400	N
✓	✓	✓	✓		✓	✓	✓

SA
B66653

No 7, 8 + 9 — Pulp Used in Beaters (RAWSTOCK)

DATE	allied S.W.	allied H.W.	CELGAR	PR. ALBERT						TOTAL	Alus
May 3			97.88	513.86						611.74	8-
			97.88	513.86						611.74	8-
			✓	✓							✓

SA 066654

TOTAL	Alum	Size	Clay	Nalco	Brope	Raw Matl	Prod'n
61174	840	420	2100	84	22826	57444	11800
61174	840	420	2100	84	22826	87444	71660
	✓	✓	✓	✓			

SA 066655

No. 5+6+ (BROKE LEFT OUT) Comparison of Pulp At "Mill C"

DATE	Hydropulpers	Beaters
May 31	722100	95820
June 1	121966	120700
2	130750	104138
3	112249	99255
	487065	419913
6	157798	132750
7	135081	148500
8	150802	136206
9	182094	157566
10	144144	137664
11	171168	145374
12	141264	153800
	1082351	1011860
13	158646	157800
14	158448	163722
15	149204	137664
16	157228	165058
17	163883	148438
	787409	772682
20	132489	110100
21	112383	100350
22	138165	131136
23	152082	128712
24	186714	150558
25	179976	141594
26	190010	153066
	1091819	915516
27	156640	136650
28	128604	126132
29	114600	120468
30	106508	113160
	506352	496410
	3954996	3612381

No. 7,

DATE

May

June

SA 066656

No. 7, 8, + 9 (BROKE LEFT OUT) COMPARISON of Pulp AT "MILL D"

DATE	Hydropulpers	Beaters
May 31	231598,	188818,
June 1	227880,	180468,
2	186908,	175914,
3	166824,	169186,
	813210,	714386,
6	244348,	193896,
7	228968,	190002,
8	140968,	148212,
9	219800,	191239,
10	197739,	181391,
11	204236,	185823,
12	186160,	163633,
	1422219,	1254196,
13	212084,	156935,
14	176060,	165933,
15	191572,	173102,
16	158528,	148393,
17	152098,	170351,
	890342,	814714,
20	217544,	188820,
21	176608,	167806,
22	194474,	163612,
23	180640,	167348,
24	209960,	180041,
25	224728,	209548,
26	209416,	187848,
	1413370,	1265023,
27	271136,	258716,
28	213356,	183704,
29	205908,	182372,
30	210018,	182362,
	900418,	807154,
	5439559,	4855473,

SA 066657

No. 5+6 Pulp Used in Hydropulper (BROKE LEFT OUT)

DATE	Allied S.W.	Allied N.W.	PR. ALBERT	SEMI-BL DRYDEN	CELGAR	TERR. BAY	PR. GEORGE	ST. FRANCIS	NAHEOLA	ALBACEL
May 31	62634	4730	33396	21340						
June 1	65130	17028	24288	15520						
2	52605	4257	54648		19240					
3			42504		69745					
	180369	26045	154836	36860	88985					
6	41082		64768		51948					
7	33066		18216		47619	36180				
8	9018		73370		29822	38592				
9			129030			53064				
10			91080			53064				
11	57114		56166			57888				
12	35070		53130			53064				
	175350		485760		129389	291852				
13	56112		47058			55476				
14	64128		36432			57888				
15			96140			53064				
16			43010			34488	79730			
17	5511					36582	98490	23300		
	125751		222640			237498	178220	23300		
20	90681					41808				
21	19539				21645	30150		22368	18681	
22			7590		60125	24120		39610		6720
23	8016	2568	28842				32830	58250		16576
24	19038		73876				93800			
25	16032		163944							
26			149270	40740						
	153306	2568	423522	40740	81770	96078	126630	120228	18681	23296
27			118910		14430			23300		
28			5060		57240					66304
29					40404			41940		32256
30		10406			49062					47040
		10406	123970		161136			65240		145600
	634776	43[illegible]	1410728	77600	461280	625478	304850	208765	18681	168896

SA 066658

TOTAL
122100
121966
130740
112249
487065
157798
135081
150802
182094
144144
171168
141264
1082351
158646
158448
149204
157228
163883
787409
132489
112383
138165
152082
186714
179976
190010
1091819
156640
128604
114600
106508
506352
2254996

SA 866659

No. 7, 8 & 9 Pulp Used in Hydropulper (BROKE LEFT OUT)

DATE	Allied S.W	Allied H.W	CELGAR	CRESTBROOK	NAHEALA	DRYDEN SEMI-BL	PR. GEORGE	CONS-KAMLOOPS	PR. ALBERT	ALBACEL	CAM. U
May 31	80160	49192	1924	44462	55860						
June 1	147234	39732	5772	65142							
2	22044	104006	11544	99264		43650					10
3	83720	20812	1924	39292	21076						
	303158	120142	21164	248160	76936	43650					10
6	12024	28380		115808	88136						
7	81696	22704		88924			35644				
8	53106	17974					150008	54880			
9	78156	24596						72520	44528		
10	34649	19866							103224		
11	76152	20812							107272		
12	62424	20812							103224		
	437907	155144		204732	88136		506552	127400	358248		
13	92184	22704		97196							
14	60120	20812		95128							
15	290558	22704	16354	55836				67620			
16	32064	17028	17316					92120			
17	130726	22704	13468					102900			
	2264552	1059552	47138	248160				262640			
20	55210	24596	18278					119560			
21	32064	3784	19240					121520			
22	72144	26488	10582					85260			
23	86172	3784	86558	50666				31360			
24	6012	26488	10582	102366						64512	
25	[illegible]	30272	19240	90992						84224	
26		41624	14430	54802						98560	
	255502	157036	101010	298826				357700		247296	
27	28056	64328	13468	43428						121856	
28	24048	37840	11544	68244						71680	
29	26052	24596	12506	96162						46592	
30	12024	31218	10582	96162						60032	
	90180	157982	48100	303996						300160	
	1309199	696256	217412	1303374	165072	43650	506552	747740	358248	547456	10

0142, 0112, etc

3500 # X BEATERS

CAM. WITE	CAL. CARB.	TOTAL	WT. STRENGTH
		231598	
		227880	7000
10.00	10.00	186908	7000
		166824	3500
10.00	10.00	813210	17500
		244348	3500
		228968	—
		140968	7000
		219800	10500
		197739	10500
		204236	10500
		186160	—
		1422219	42000
		212084	—
		176060	—
		191572	7000
		158528	10500
		152098	7000
		890342	24500
		217544	7000
		176608	3500
		194474	10500
		180640	10500
		209960	10500
		224728	7000
		209416	10500
		1413370	59500
		271136	7000
		213356	7000
		205908	10500
		210018	10500
		900418	35000
[illegible]	[illegible]	[illegible]	178500

SA 066661

No. 5 + 6 Pulp Used in Beaters (BOOK)

DATE		allied S.W.	allied H.W.	PR. ALBERT	SEMI-BL DRYDEN	CELGAR	TERR. BAY	NAHEOLA	FT. FRANCES	ALBACEL
May	31	538.50	46.20	229.50	144.00					
June	1	674.95	154.40	232.05	145.60					
	2	481.30	35.20	285.30						
	3			382.50						
		1694.75	235.80	1129.35	289.60					
	6	387.67		435.38		504.45				
	7	405.90		163.35		584.10	331.65			
	8	110.70				159.30	360.00			
	9						495.00			
	10						540.00			
	11	490.20		154.80			495.00			
	12	399.20		598.80			540.00			
		1793.67		1352.33		1247.85	2761.65			
	13	584.82	498.18				495.00			
	14	755.63		251.87			560.00			
	15						540.00			
	16						550.00			
	17	61.42					411.08			
		1401.87	498.18	251.87			2556.08			
	20	745.50					355.50			
	21	247.50					337.50	195.75	222.75	
	22			81.00			255.15			68.85
	23	44.55	63.00	243.45						144.00
	24	133.65		271.35						
	25	133.65		271.35						
	26			90.00	360.00					
		1304.85	63.00	957.15	360.00		948.15	195.75	222.75	212.85
	27			376.20		118.80				
	28					414.00				732.60
	29					405.00			472.50	327.18
	30		116.34			405.00				610.26
			116.34	376.20		1342.80			472.50	1670.04
		6195.14	913.22	4066.90	649.60	2570.65	6265.88	195.75	695.25	1832.84

[redacted]

SA 066662

[redacted]

TOTAL
95820
120700
80180
38250
334950
132750
148500
63000
49500
54000
114000
163800
715550
167800
156750
54000
55000
47250
470800
110100
100350
40500
49500
40500
40500
45000
426450
49500
114660
120468
113160
397788
2345538

066663 SA

No. 5 + 6 Chemicals Used in Beaters (BOOK)

DATE		Alum	Size	Clay	Anilex	Zeolex	Tite	Talco	
May	31	28.95	3.68	221.73	15.00	—	15.00	1.16	[illegible]
June	1	20.40	4.60	299.79	15.00	—	17.50	1.44	[illegible]
	2	16.83	3.96	150.38	15.50	—	39.50	1.04	[illegible]
	3	72.38	2.13	84.89	21.25	—	46.75	.34	167.74
		78.56	14.37	756.79	66.75	—	118.75	3.98	
	6	33.83	5.37	259.43	34.75	—	76.50	1.18	[illegible]
	7	20.95	6.05	208.18	38.50	—	88.00	1.32	[illegible]
	8	12.65	2.65	103.04	18.00	—	44.00	.56	180.90
	9	8.55	2.20	76.77	16.50	—	44.00	.44	142.16
	10	8.90	2.40	73.19	21.00	—	45.00	.48	150.97
	11	20.07	5.33	192.55	29.00	—	52.50	1.00	300.45
	12	25.65	7.65	192.08	34.50	—	61.00	1.32	322.20
		130.60	31.65	1105.24	192.25		411.00	6.30	
	13	21.65	8.20	216.77	34.00		59.75	1.40	341.77
	14	25.47	7.78	196.22	34.75		68.25	1.34	333.51
	15	7.33	2.40	78.98	24.00		39.00	.48	152.19
	16	8.90	2.40	87.99	24.00		36.50	.48	160.27
	17	8.38	2.10	86.00	15.75		34.13	.42	146.78
		71.73	22.88	665.96	132.50		237.63	4.12	
	20	26.70	6.45	209.36	16.50		38.75	1.44	[illegible]
	21	23.04	4.52	146.87	26.25		62.00	1.02	[illegible]
	22	6.28	1.80	62.82	13.50		29.25	.36	114.01
	23	8.55	2.03	103.21	8.25		22.00	.44	144.48
	24	7.85	1.58	119.51	6.75		22.50	.36	155.55
	25	7.85	1.58	102.90	6.75		22.50	.36	141.94
	26	8.20	3.50	32.46	19.00		44.50	.40	10[illegible].66
		88.47	21.46	777.13	97.00		241.50	4.38	
	27	6.98	2.75	52.73	27.50		54.00	.44	144.40
	28	24.16	7.13	114.14	25.00		45.00	1.28	216.71
	29	21.13	5.67	165.61	35.63		77.00	1.27	[illegible]
	30	16.60	6.55	172.20	22.50		53.00	1.36	[illegible]
		68.87	22.10	504.68	110.63		229.00	4.35	
		438.23	112.46	3307.50	549.13		1237.33	23.13	

SA 066664

BROKE	RAW MATERIAL	PRODTN
49180	173552,	124220,
59300	215873,	200730,
49320	152221,	139290,
4250	59274,	43280,
162050	600920,	507520,
14750	188606,	137330,
16500	201300,	170500,
7000	88090,	81960,
5500	69846,	64650,
6000	75097,	49950,
11000	155045,	135460,
11200	197220,	168780,
71950	975204,	808630,
17200	209177,	210130,
10750	200881,	188070,
6000	75219,	70180,
5000	76027,	64940,
5250	67178,	68760,
44200	628482,	602080,
69900	209920,	182220,
27150	153870,	137430,
4500	56401,	52470,
5500	69448,	67690,
4500	60855,	68460,
4500	59194,	62480,
5000	60806,	54780,
121050	670494,	625530,
5500	69440,	44510,
50340	186671,	165710,
47032	198131,	184510,
56840	197221,	197280,
159712	651463,	592010,
558962	3526563,	3135770,

SA 066665

No. 5&6 Pulp Used in Beaters - (RAWSTOCK)

DATE	Allied S.W.	Allied H.W.	CELGAR	PR. ALBERT	PR. GEORGE	FT. FRANCIS				TOTAL	alu
June 2			10458							10458	1
3			61005							61005	21
			71463							71463	
8			13230	59976						73206	13
9				108066						108066	20
10				83664						83664	21
11				31374						31374	5
			13230	283080						296310	
14				6972						6972	
15				83664						83664	18
16				39258	70800					110058	20
17					86194	14994				101188	19
				129874	156994	14994				301862	66
22			54600			36036				90636	19
23					24024	55188				79212	20
24				30498	79560					110058	24
25				101094						101094	23
26				108066						108066	24
			54600	239658	103584	91224				488066	113
27				66150		21000				87150	18
28				6972						6972	2
				73122		21000				94122	20
			139293	725754	260578	127218				1252843	32
			✓	✓	✓	✓					✓

SA 066666

RAWSTOCK

TOTAL	Alum	Lime	Clay	Anilex	Zeolex	Tite.	Talco	BROKE	WET STRENGTH	RAW MATERIAL	PROFITE
104581	185	88	863				12	4542	78	16226	1042
61005	2493	656	586				70	2649	85	97459	11670
63	2678	744	6728				82	31037	953	113	121
06	1370	526	1872				84	31794	741	109592	9882
108066	2025	1150	2868				124	49634	1226	165093	16343
83664	2140	1500	5211				96	36336	839	129786	11188
31374	578	563	878				36	13626	303	47358	4045
296310	6113	3738	10829				340	131390	3109	451	41452
6972	106	50	243				8	3028	58	10465	770
83664	1882	875	7395				104	39364	954	134238	12716
110058	2085	1550	3525				124	44942	1202	163536	16026
101188	1955	1450	3424				116	43812	1133	153078	1510
301882	6023	3925	14637				352	131146	3347	461217	44614
90636	1927	1138	5708				104	39364	1032	139909	1375
79212	2090	1050	5496				92	35788	940	124668	12528
110058	2490	725	4935				124	44942	1213	164537	16176
91094	2390	725	2192				116	43906	1211	151634	1651
108066	2490	725	2685				124	46934	1181	162255	15742
489066	11387	4463	21016				560	210934	5577	743003	74352
87150	1877	625	4142				100	37850	1044	132788	13919
6972	203	50	315				8	3028	81	10657	1246
94122	2080	675	4457				108	40878	1125	142445	15165
43	28286	13545	57667				14[illegible]	54385	1411	[illegible]	[illegible]

INK x TONS 01140142

SA 066667

No 7,8,+9 Pulp Used in Beatrix (BOOK)

DATE	allied SW	allied NW	CRESTBROOK	NAKEALA	CELGAR	DRYDEN SEMI-BL	PR. GEORGE	COMM-KAMLOOPS	PR. ALBERT	ALBACEL
May 31	21912	17983	21195	35638						
June 1	26694		49881		4209					
2	4298	9120	38798		6538	45600				
3	54398	22152	17160	14842	3269					
	107307	49255	127034	50480	14016	45600				
6	9991	26744	34263	70750						
7	73623	23835	29300				12468			
8	36739	10639					3325	24105		
9								40060	22595	
10	57936	19606							58149	
11	43575	15295							58149	
12	40642	19126							58149	
	262506	115245	63563	70750			15793	64165	197042	
13	47701	15063	52611							
14	46445	21857	58149							
15	16022	17066	25281		7925			38676		
16	1569	1477			8418			45763		
17	15793	26598			8418			84922		
	127530	82061	136041		24811			169361		
20	17738	12266			5316			57468		
21	24375				8861			69938		
22					8749			45935		
23	54028		15964		6903			20279		
24	3822	25314	23260		4430					43796
25		30366	40126		11595					77145
26		37474	25688		7755					84619
	99963	105420	105038		53609			193620		205560
27	23611	35058	36489		11448					65110
28	9291	36828	14360		4505					68394
29	19428	25858	30026		9420					48022
30	10286	29846	26906		8311					55325
	62616	127590	107781		33684					236851
	659917	477571	531457	121250	121250	45600	15793	427146	197042	442411

TOTAL
96728,
80784,
104354,
111821,
393687,
141748,
139226,
74808,
62655,
135691,
117019,
117917,
789064,
115375,
126451,
105020,
57227,
135731,
539804,
92788,
103174,
54684,
97174,
100622,
159232,
155536,
763210,
171716,
133378,
132754,
130674,
568522,
[illegible]

No. 7, 8 & 9 Chemicals Used in Beaters (BOOK)

DATE	Alum	Size	Clay	Anilas	Scales	Tints	Hales	CAM.WHITE	CAL.CARB		BOOK
May 31	12.00	7.20	113.48	20.00	—	35.50	1.44			189.62	472
June 1	9.38	6.33	94.74	34.00	—	61.25	1.13	11.40	11.40	206.51	312
2	5.75	5.35	78.69	19.00	—	38.00	.69			147.45	193
3	14.31	11.07	111.05	14.75	—	32.00	1.72			184.90	599
	41.44	29.95	397.96	87.75	—	166.75	4.98	11.40	11.40		1557
6	16.50	9.83	211.06	4.00	—	14.00	1.98			257.27	5
7	16.75	9.60	200.87	15.00	—	35.00	2.01			279.23	.
8	9.00	5.40	92.47	10.00	—	20.00	1.08			137.95	301
9	5.88	5.93	90.98	19.75	—	39.50	.71			162.75	78
10	14.75	12.00	113.10	21.00	—	43.00	1.77			205.62	426
11	12.50	10.65	109.43	21.00	—	42.00	1.50			197.08	329
12	13.25	11.10	178.58	21.00	—	56.50	1.59			282.02	410
	88.63	64.51	996.49	111.75		250.00	10.64				2757
13	13.75	10.80	157.19	19.00	—	51.00	1.59			252.27	436
14	14.50	11.85	202.21	21.00	—	42.00	1.74			293.30	475
15	11.25	9.20	136.49	18.00		63.00	1.35			239.29	299
16	5.25	6.00	89.58	19.00		40.00	.63			160.46	62
17	14.75	11.70	159.09	19.00		78.00	1.77			284.31	412
	59.00	49.55	744.56	96.00		274.00	7.08				1686
20	9.75	7.65	136.95	12.00		45.00	1.17			212.52	242
21	10.75	9.45	130.05	31.50		64.50	1.29			247.54	258
22	5.25	6.30	103.50	21.00		52.50	.63			189.18	83
23	10.75	9.00	91.88	17.00		39.00	1.29			168.92	318
24	11.75	9.05	108.16	10.00		40.50	1.44			180.90	433
25	19.50	15.50	239.67	16.50		50.50	2.34			349.01	147
26	19.75	15.30	370.50	4.00		22.50	2.37			434.42	814
	87.50	72.25	1180.71	112.00		314.50	10.53				2
27	20.75	19.40	398.54	47.00		32.00	2.49			520.18	
28	17.25	12.63	233.79	—		25.25	2.07			290.99	[illegible]
29	16.00	15.90	246.69	13.50		29.50	1.92			323.51	592
30	15.50	13.13	257.93	12.00		29.00	1.86			329.42	55
	69.50	61.06	1136.95	72.50		115.75	8.34				2654
	346.07	277.32	4456.67	430.00		1121.00	41.57	11.40	11.40		1157

SA 866678

[redacted]

BROKE	RAW MATERIAL	PRODTN
47272	162962	148920
31716	135463	112740
19366	136468	140240
59929	190240	180990
158283	627133	582890
56252	223737	191960
61774	228923	204760
33192	121795	100140
7845	86775	77240
42001	198254	162220
32981	169708	143170
41083	187202	164450
275728	1216394	1043940
43625	184283	162320
47549	203330	201270
29980	158929	132250
6233	79506	71500
41269	205431	203410
168656	831479	770750
24212	138252	107460
25826	153754	134340
8316	81918	81990
31826	145892	126640
43378	162090	164560
74768	268401	226130
81464	280442	235460
289790	1230749	1066580
77284	301018	260690
73622	236099	211640
59246	224351	192650
55326	218942	171300
265478	980410	836280

No. 7, 8, + 9 Pulp Used in Beaters (BLADE COATER)

DATE	Allied SW	Allied HW	CELGAR	CRESTBROOK	NAHEOLA	PR. GEORGE	COHO-KAMLOOPS	PR. ALBERT	ALBACEL	TOTA
May 31	315.40	230.71	33.24	174.48	167.07					920
June 1	677.86	318.98								996
2	157.68	11.81		269.15						438
3	118.80			315.45	24.00					458
	1269.74	561.50	33.24	759.08	191.07					2
6				521.48						
7				365.59		142.17				507
8	263.73	124.11				96.94	249.26			734
9	737.04	285.92					113.78	149.10		1285
10	158.08	6.65						292.27		457
11	307.05	73.15						307.84		688
12	150.86							306.30		457
	1616.76	489.83		887.07		239.11	363.04	1055.51		4651
13	137.15			278.45						415
14	130.29			264.53						394
15	156.94	73.86	63.00	157.51			229.51			680
16	337.43	158.79	66.47				348.97			911
17			55.39				290.81			346
	761.81	232.65	184.86	700.49			869.29			2749
20	324.59	132.57	73.86				429.30			960
21	141.30	66.50	70.16				368.36			646
22	623.01	237.78					228.49			1089
23	322.84	83.44		198.44			97.02			701
24	18.29		53.92	598.55					123.43	794
25			36.93	384.52					81.71	503
26			51.70	271.42						32
	1430.03	520.29	286.57	1452.93			1123.17		205.14	5
27		304.50							565.50	
28	102.86	10.50	49.87	320.53					19.50	503
29				496.18						496
30				516.88						516
	102.86	315.00	49.87	1333.59					585.00	2386
	5181.20	2119.27	554.54	5133.16	191.07	239.11	2355.50	1055.51	790.14	17 14

[redacted]

SA 066672

TOTAL
92090,
99684,
43864,
45825,
281463,
52148,
50776,
73404,
128584,
45700,
68804,
45716,
465132,
41560,
39482,
68082,
91166,
34620,
274910,
96032,
64632,
108928,
70174,
79419,
50316,
32312,
501813,
87000,
50326,
49618,
51688,
238632,
[illegible]

SA 066673

No. 7, 8 & 9 Chemicals Used in Beaters (BLADE COATER)

DATE	Alum	Size	Clay	Anoiles	Zeales	Tite	Halco	CAL. CARB.			BRO
May 31	11.50	11.50	94.13	30.75	+	85.50	1.38			234.76	45
June 1	13.50	11.00	123.32	37.75	−	89.00	1.62			276.19	62
2	5.25	6.20	38.85	21.00	+	58.50	.63			130.43	19
3	5.31	6.21	41.25	20.44	−	60.50	.64			134.35	12
	35.56	34.91	297.55	109.94	−	293.50	4.27				145
6	5.25	6.30	66.05	10.50	−	27.00	.63			115.73	10
7	5.50	6.60	63.36	11.00	−	33.00	.66			120.12	15
8	8.25	9.90	57.79	25.50	−	66.50	.99			168.93	25
9	14.75	17.70	67.25	59.00	−	147.50	1.77			307.97	48
10	5.00	6.00	47.25	20.00	−	50.00	.60			128.85	14
11	8.25	8.25	57.86	22.00	−	55.00	.99			152.35	30
12	5.50	6.60	42.42	22.00	−	55.00	.66			132.18	20
	52.50	61.35	401.98	170.00		434.00	6.30				164
13	5.00	6.00	56.64	18.00	−	50.00	.60			136.24	18
14	4.75	4.80	76.43	18.50		47.50	.57			152.55	12
15	7.25	8.50	66.08	29.00		75.50	.87			187.20	18
16	9.88	12.13	60.78	40.50		97.00	1.22			221.51	27
17	3.75	5.63	8.30	15.00		45.00	.45			78.13	10
	30.63	37.06	268.23	121.00		315.00	3.71				92
20	11.00	11.00	45.20	38.00		91.00	1.32			197.52	35
21	7.25	7.88	42.20	26.50		77.00	.87			161.70	22
22	13.00	13.08	33.55	38.50		121.50	1.56			221.19	48
23	8.75	9.98	21.00	28.00		91.00	1.05			159.78	34
24	9.25	12.75	64.41	37.00		103.00	1.11			227.52	31
25	5.50	7.50	38.04	17.00		46.00	.66			114.70	15
26	3.50	4.20	50.34	7.00		14.00	.42			79.46	9
	58.25	66.39	294.74	192.00		543.50	6.99				1
27		8.82						43.50		52.52	7
28	5.50	5.50	59.85	22.00		64.00	.66	1.50		159.01	18
29	5.25	6.25	69.52	18.50		38.00	.63			138.15	13
30	5.25	6.30	110.34	10.50		31.00	.63			164.02	11
	16.00	26.87	239.71	51.00		133.00	1.92	45.00			43
	192.14	226.58	1502.21	643.94		1719.00	23.19	45.00			44

[redacted]

SA 066674

Bleached Pulps #11 August 1979

Brake	Stg Dye 130	alpha Sizz	Cat Carb	Cabosil	Mapico yellow	Sodium Borate	Titan	Zolex + Analex	Sizz	clay	alum
4200			13300								
4200			13300								
4500			14250								
4500			14250								
4500			14250								
4500			13700								
3900			11700								
300			94750								
700		170	900		1700						480
6800		361			3460						1019
6000		319			3000						899
7200		383			3600						1079
6800		361			3460						1019
6000		319			3000						899
7200		383			3600						1090
12700		2276	900		21700						6485
7200		383			3600						1155
6400		340			3200						959
8000		702			4000						1199
7600		808					1600	950		3800	1346
8000		851					1100	1000		5800	1417
7600		808					1950	950		7300	1346
44800		3892			10800		4650	2900		16900	7422
7600		808					1900	950		7600	1346
7600		808					1900	950		7600	1346
7600		808					1900	950		7600	1346
7200		765					1800	900		7200	1275
6800		723					1700	850		6800	1085
7100	200	638	1200				1850	750		4500	899
4800	800		4800				800				—
18700	1000	4450	6000				11850	5350		41300	7297
500	1000	10739	10150		32500		16500	8250		58200	21204

SA 067671

Date	A H W Bl	A S W Bl	477 Calgar	Eddy	Kamloops	487 Marathon	507 Domtar	504 P Acorst	Chesapeake Bl	Broke
7 30			20034				7098			4200
31			20034				7098			4200
8 1			19080				7098		3000	4500
2			14310				15210			4500
3			14175				15210			4500
4			7632				15210	7056		4500
5							13182	13104		3900
			95265				80,106	20160	3000	30,300
6							1014	16128	1000	2700
7								34272		6800
8								30240		6000
9								36288		7200
10								34272		6800
11								30240		6000
12								36288		7200
							1014	217728	1000	42700
13								36288		7200
14								32256		6400
15								40320		8000
16										
17								38304		7600
18							18252	22176		8000
19							19266	19152		7600
							37518	188496		44800
20							19266	19152		7600
21							19266	19152		7600
[illegible]							19266	19152		7600
23							18[illegible]	18144		7200
24						16558		17136		6800
25						18506		19152		7100
26						15584		16128		4800
						50648	76050	128016		48700
			[illegible]			[illegible]	[illegible]	[illegible]	4000	[illegible]

SA 067672

August 1979

Date	Analex	Tita	Zealex	Tita Indica	Unisize
7 30	—	2500			
31	600	2500			
8 1	600	2500			
2					
3					
4					
5					
	1200	7500			
6					
7					
8	950	4300			
9					
10	600	2500			
11	600	2500			
12					
	2150	9300			
13	500	2700			
14	600	2500			
15					
16					
17					
18					
19					
	1100	5200			
20					
21					
22					
23					
24					
25					
26					
	4[illegible]				

Date
7
8

SA 067673

Unbleached Pulps August 1979
#111

Date
7 30
31
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SA 067674

August 1979
#11

% Ret	Date	A Brake Used	B Pulps	Storage Tank Inv	Slab Waste	Stub Rails	Rep Prod	Good Prod	Storage Tank adj	Total Raw Mat	[illegible]	% Ret
801	730	4200	40432		2000	—	1455	36385		44635	[illegible]	[illegible]
400	31	4200	40432		2700	—	—	37380		44635	[illegible]	[illegible]
648	81	4500	43428		2400	—	2600	33950		47928	[illegible]	[illegible]
980	2	4500	43770		500	—	—	43805		48270	[illegible]	[illegible]
835	3	4500	43635		1550	—	—	34575		48135	[illegible]	[illegible]
712	4	4500	43598		1700	—	—	37465		48098	[illegible]	[illegible]
828	5	3900	37986		2700	—	—	[illegible]		41886	[illegible]	1042
786		30300	293281		13850	—	[illegible]	[illegible]		[illegible]	[illegible]	873
938	6	2700	20912		4800	—	—	7860		23612	[illegible]	536
1037	7	6800	38033		2200	—	1770	40640		44833	44610	995
986	8	6000	33559		2050	—	5775	29585		39559	37410	946
961	9	7200	40271		1400	—	1900	36980		47471	[illegible]	849
859	10	6800	38033		5100	—	—	32905		44833	[illegible]	848
1137	11	6000	33559		1300	—	—	36040		39559	[illegible]	[illegible]
936	12	7200	40271		1050	—	—	39340		47471	[illegible]	[illegible]
977		42700	244638		17700	—	9445	223350		287338	[illegible]	[illegible]
690	13	7200	40271		600	—	2800	39915		47471	[illegible]	912
797	14	6400	35796		4500	—	1000	29830		42196	35330	837
922	15	8000	45022		350	—	—	42370		53022	[illegible]	[illegible]
869	16	5400	37636		3500	1600	1900	29640		43036	36640	851
733	17	7600	45462		3400	1580	2320	38935		53062	36335	683
828	18	8000	49179		450	2450	—	42515		57179	[illegible]	[illegible]
866	19	7600	49426		3300	—	—	42885		57026	[illegible]	810
843		50200	302792		16100	5630	8020	256090		352792	[illegible]	810
902	20	7600	49676		250	—	—	47420		57276	[illegible]	[illegible]
878	21	7600	49676		700	—	—	46350		57276	47050	821
698	22	7600	49676		1200	—	2785	45585		57276	49570	865
1047	23	7200	47061		700	—	—	47585		54261	48285	890
775	24	6800	43767		1900	—	2700	38350		50567	42950	849
836	25	7100	46796		2600	—	—	41500		53896	44100	818
734	26	4800	38112		1700	—	—	34310		42912	36010	839
888		48700	324764		9050	—	5485	301100		373464	315635	845
7[illegible]		171900	1165475		56900	5630	27005	1045040		1331375	[illegible]	[illegible]
	Trial	5400	37636		3500	1600	—	29640		43036	34740	
73		166500	1127839		53400	4030	27006	1015400		1294331	[illegible]	[illegible]

SA 067675

August 1977

Date	A Broke Used	B Pulps	C 6400 Storage Tank Inv	G Slab Waste	D Stub Rolls	E Rej Prod	F Gross Prod	H Storage Tank adj	A+B Total Raw Mat	C+D-E-F Gross Prod	% Rat
7 30	6800	48606	—	1200	—	—	47520	+ 6400	61806	48720	801
31	4000	37172	—	5950	—	10500	—	—	41172	16450	400
8 1	6800	55877	—	4600	—	12455	23530	—	62677	40585	648
2	6000	51105	—	700	—	1500	53760	—	57105	55960	980
3	6000	51225	—	3260	3900	6375	34220	—	57225	47755	836
4	6400	56704	—	650	6300	—	50575	—	63104	57525	912
5	6800	59023	—	2450	6000	4550	41480	—	65823	54480	828
	42800	359712		18910	16200	35380	251085	+ 6400	408912	351475	786
6	6400	55604	—	850	6300	1360	49670	—	62004	58180	938
7	6000	50695	—	1300	6300	—	51190	—	56695	58790	1037
8	6000	48885	—	850	6050	—	47220	—	54885	54120	986
9	6400	51864	—	1800	6000	—	48180	—	58264	55980	961
10	4800	44367	—	6950	250	9440	15460 10120	—	49167	42220	859
11	6400	48768	6400	5750	2900	5040	41470	(6400)	48168	55160	1131
12	6000	52506	6400	950	—	13460	52430	—	58506	54740	936
	42000	352689		18450	27800	17200	315740	- (6400)	388689	379190	977
13	8400	56622	6400	6700	—	—	38160	—	65022	44860	690
14	4800	33098	6400	3450	—	5560	21210	—	37898	30220	797
15	7200	50197	6400	2700	—	—	50240	—	57397	52940	922
16	6400	44623	6400	1750	—	4050	38560	—	51023	44360	869
17	6800	49706	6400	2250	—	10110	40350	—	56506	52710	933
18	7600	54569	6400	2300	—	2840	46340	—	62169	51480	828
19	8000	56921	6400	4900	2800	2350	46140	—	64921	56190	866
	49200	345736		24050	2800	24910	281000	—	394936	332760	843
20	7600	53797	6400	2000	5600	—	47790	—	61397	55390	902
21	12800	52367	6400	800	1200	5460	49740	—	65167	57200	878
22	6800	54470	6400	3900	1600	6040	31240	—	61270	42780	698
23	6400	44676	6400	1600	—	8640	43240	—	51076	53480	1047
24	6400	44577	6400	2100	—	—	47600	—	50977	49700	975
25	7600	54265	6400	3300	—	2760	45660	—	61865	51720	836
26	5200	39448	6400	2000	—	—	39720	—	44648	41720	934
	52800	343600		15700	540[illegible]	22900	304000	—	396400	351990	85[illegible]
	186[illegible]	141737		7101	55[illegible]	[illegible]	11[illegible]	—	15[illegible]	[illegible]	[illegible]
Trial	2800	25372		3100	—	5290	15460		28172	23750	
	18400	37[illegible]		7[illegible]	—	[illegible]	137255	—	[illegible]	13[illegible]	

Yield

7-

8

SA 867676

Treats

Sept 1977
#70

Date	
8	27
	28
	29
	30
	31
9	1
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Date
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SA 067677

Trials

September 1979
#11

Date	Lebert	Eddy	Calc Carb	Sta Loc		Broke
					11-1052 19110	
8 27						
28	[illegible]	7940	2500	500		[illegible]
29						
30						
31						
91						
2						
	10[illegible]	7940	2500	500		
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
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24						
25						
26						
27						
28						
29						
30						
	10080	7940	2500	500		[illegible]

SA 067678

Broke	Nuyphor Sky 87# per gal	8½# per gal Alpha Sky	Calc Carb	Carbon	Superco Yellow	Sodium Bicarb	Analex Iota	Analex Green Sky	Analex Sky	Clay			Ultra Cole	Alum
4800		510					3600	1800		1200				734
5200		553					3900	1950		1300				850
5600		638					4000	2050		2000				781
6400			750				5800	2250		1950				—
5600			950				4700	2100		1400				—
5600			1250				4900	2100		850				—
6800			1700				5950	2550		850				—
40000		1701	4650				3280	14700		7550				2015
6000			1500				5250	2250		750				—
6000			1500				5250	2250		750				—
5600			900				4700	2100		700				—
7200		128	750				5400	2250		1650				196
6000		638					750			2800				781
7200		1003					1650			5400				1177
8000		1190					2000			2000				1297
46000		2959	4650				24800	3000		22050				3662
5200		774					1300			5200				850
7600		1131					3350	900		5500				1308
6400		952					4800	2400		800				1221
7600		1191					5800	3000		1000				2070
8000		1131					2500	2850		950				2595
7600		1131					5600	2550		950				2551
6400		952					6150	2400		800				2176
48800		7262					29500	14400		15200				12416
4000		596					3600	1350		450				1226
5600		833					5150	2100		700				1908
6000		893					5550	2250		750				2044
5600		833					4350	2100		700				1908
6000		893					3950	2250		750				2044
7200		1071					5000	2700		900				2178
6800		1012					4250	2550		850				1669
41200		6071					31500	15300		5100				12776
6000		893					3750	2250		750				1472
5600		833					2500	1500		700				1323
6400		952					4000	2400		800				1570
5200		774					3250	1950		650				1275
4000		595					2500	1500		500				981
6000		893					3750	2250		750				1472
6400		952					4000	2400		800				1570
31600		5892					23750	14250		4750				8991
315600		23885	9300				142450	67600		56850				41795

#10 Stand

SH 09/29/79

Bleached Pulps #10 September 1979

Date	a HW	a SW	Eddy	Grand Prairie	Superior	Cedar	Dryden	P Albert	Broke
			397	587	507	477	397	504	
8 27			14292	14088					4800
28			15483	15262					5200
29			17865	17610					5600
30			17865	17610					[illegible]
31			16674	16436					[illegible]
9 1			16674	16436					[illegible]
2			20247	8248	10140				6800
			119100	105660	10140				40000
3			17865		15210				6000
4			17865		15210				6000
5			16674		14196				5600
6			21438		18252				[illegible]
7			17865		15210				6000
8			21438		18252				7200
9			23820		20280				8000
			136965		116610				46000
10			15483		13182				5200
11			22629		3042	15264			7600
12			19056			15264			6400
13			23820			19080			16000
14			12704			18126	9925		8000
15						18126	22639		7600
16						15264	19056		6400
			93692		16224	101124	51610		48800
17						3386	10719		400
18						13356	16674		5600
19						14310	17865		6000
20						13356	16674		5600
21			11910			14310	5955		6000
22			21438			17172			7200
23			30241			16215			6800
			[illegible]			97308	119517		41000
24			17865			14310			6000
25			16674			3816		10080	5600
26			19056					16128	6400
27			15483					13104	5200
28			11910					10080	[illegible]
29			17865					15120	[illegible]
30			19056					16128	[illegible]
			119119			18126		80640	
			[illegible]	105660	146774	[illegible]	119497	80640	

Improve Sty 8 7d per

SA 067680

Date	a H W Bl	a S W Bl	Celgar	Eddy	Desert	Marathon	Dryden Bl			Brake
				397	504	48.7	397			
8 27				9528	17136	4870				5100
28				5558	7056					1800
29				15086		18506				5000
30				15086		18506				7600
31				15086		18506				[illegible]
9 1				13498		16558				6800
2				15086		18506				7600
				88728	24192	95452				44500
3				15086		18506				7600
4				15880		19480				8000
5				14292		17532				7200
6				16674		20454				8400
7				13498		16558				6800
8				15880		19480				[illegible]
9				12704		15584				6400
				10[illegible]		127594				52400
10				11910	15120					[illegible]
11				11910	15120					4500
12				14292	18144					5400
13				14292	18144					5400
14				7146	19152		7940			5700
15					18144		14292			5400
16					17136		13498			5100
				59550	120960		35730			36000
17					15120		11910			4500
18					15120		11910			4500
19					11088		8734			3000
20					21168	6818				6000
21					28728	9253				7600
22					27216	8766				[illegible]
23					28728	9253				[illegible]
					117168	34090	32554			[illegible]
24					28728	9253				7600
25					28728	9253				7600
26					25704	8279				6800
27					27216	8766				[illegible]
28					25704	8279				[illegible]
29					24192	7792				6400
30					27216	8766				[illegible]
					157488	60388				49600
				25 [illegible]	479 [illegible]	17524	61[illegible]			[illegible]

SA 067681

Bleached Pulps #11 September 1979

Broke	Sta Zac 130	Alpha Size	Calc Carb	Cobalt	Magnesium Yellow	Sodium Bicarb	Sta	Anselex & Zealex	Size	Clay	alum
100	850		5100				250				
800	350		1650								
5000		808			4000						1036
7600		808			3800						1036
7600		808			3800						1036
6800		723			3400						927
7600		808			3800						1036
4500	1200	3955	6750		1880		250				[illegible]
1600		808			3800						1036
1000		850			4000						1090
7200		765			3600						981
8400		893			4200						1145
6800		723			3400						927
7000		850			4000						1090
6400		680			3200						872
42400		5569			26007						7141
4500			13200								
4500			12850								
5400			14350								
5400			13500								
5700			14250								
5400			14400								
5100			13600								
76000			96150								
4500			12500								
4500			12300								
3000			9250								
6000		595			3050						763
7600		808			3800						1090
7200		765			3600						981
7600		808			3800						1036
10400		2976	34050		14250						3870
7600		808			3800						1036
7600		808			3800						1036
6800		723			3400						927
7200		765			3600						981
6800		723			3400						927
6400		680			3200						872
7200		765			3600						981
19600		5272			24800						6760
22900	1200	1772	136950		84050		250				22842

SA 067682

Unbleached Pulps September 1979

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SA 067683

September 1979

Date		Ansilex	Tita	Zealex	Tita India	Unesize						Da
8	27											
	28											
	29											
	30											
	31											
9	1											
	2											
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SA 067684

September 1917 #10

Date	A Broke Used	B Pulps	6400 Storage Tank Inv	C Slab Waste	D Stub Reels	E Rej Prod	F Good Prod	G Storage Tank Adj	A+B+G Total Raw Mat	C+D+E+F Gross Prod	% Eff
827	4800	36490	6400	700	—	7210	36470	—	41290	44380	1075
28	5100	41245	6400	2400	—	—	44310	—	46448	46710	1006
29	5600	44763	6400	1750	2000	2330	46860	—	50363	52940	1051
30	6400	49335	6400	1500	4700	3880	37890	—	55625	49970	898
31	5600	42260	6400	1300	4700	—	44720	—	47860	50720	1060
91	5600	43810	6400	2050	4420	—	43640	—	49410	50110	1014
2	6800	49655	6400	1750	4500	—	45210	—	56455	51460	912
	4[illegible]000	307451		11450	20320	13420	301100	—	347451	346290	997
3	6000	44625	6400	1300	6050	—	49630	—	50625	56980	1126
4	6000	43925	6400	300	5820	4020	38600	—	49925	48740	976
5	5600	46170	6400	1050	5750	—	41910	—	47770	48710	1020
6	7200	51268	6400	4150	6300	—	46560	—	58468	57010	975
7	6000	40263	6400	2300	5800	8160	32140	—	46263	48400	1046
8	7200	49143	6400	2460	7700	4700	45720	—	56343	60520	1074
9	8000	55890	6400	350	8330	—	56110	—	63890	64790	1014
	46000	317284		11850	45750	16880	310676	—	373284	385150	1032
10	5600	36939	6400	2500	4750	1220	31740	—	42139	40210	954
11	7600	52416	6400	500	7630	1820	52530	—	60016	62480	1041
12	6400	45072	6400	2150	4900	—	36790	—	51472	43840	852
13	7600	53891	6400	1760	7040	3540	46275	—	61491	58615	953
14	8000	49986	6400	5010	1620	—	48570	—	57986	55200	952
15	7600	52486	6400	2500	—	4270	45050	—	60086	51820	862
16	6400	47622	6400	1750	—	—	46650	—	54022	48400	896
	48[illegible]	338412		16170	25940	10850	307605	—	377312	360565	931
17	4000	30241	6400	1300	—	9770	11380	—	30241	22150	74[illegible]
18	5600	38413	6400	850	—	1460	46390	—	44413	48700	1097
19	6000	41318	6400	800	—	3480	48140	—	47318	52420	1108
20	5600	39612	6400	4100	—	—	44630	—	45[illegible]12	48730	1075
21	6000	40918	6400	850	1875	1900	45690	—	46918	50315	1[illegible]
22	7200	49781	6400	350	9375	—	43560		56981	53485	93[illegible]
23	6[illegible]	46[illegible]	6400	650	9750	—	43660	—	53127	54060	1018
	41[illegible]00	[illegible]		4100	21000	16610	283440	—	324211	350150	1018
24	6000	40618	6400	2300	7525	1910	36[illegible]10	—	46618	47350	1016
25	5600	37103	6400	2300	7625	5300	30065	—	42703	45485	1065
26	6400	44326	6400	1200	8750	—	41160	—	50736	51110	1007
27	5200	36311	6400	2800	7200	—	34260	—	41411	44260	1069
28	4000	28085	6400	7050	3600	7500	9620		32085	21670	675
29	6000	41628	6400	2450	7750	—	36880	—	47628	47080	988
30	6400	44336	8000	950	8390	—	38250	—(1600)	49136	47590	969
	[illegible]	27[illegible]317		12[illegible]	[illegible]74[illegible]	14170	[illegible]	—(1600)	310317	304550	[illegible]
	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	—(1600)	174[illegible]47	[illegible]	

Date

Date

SA

867685

September 1979

Pot Rat	Date	A Brown Wood	B Pulp on tank for storage	C Slag Waste	D Slag Coils	E Rej Prod	F Good Prod	Storage tank daily	Total Raw Mat	Power Prod	Pot Rat
1075	8 27	5100	37734	1200	—	—	38910		4283[illegible]	[illegible]	[illegible]
1006	28	4800	[illegible]	1700	—	—	35670		4[illegible]	[illegible]	[illegible]
1051	29	8000	38400	3750	—	—	32555		46400	[illegible]	[illegible]
898	30	7600	[illegible]	1450	—	—	[illegible]		45[illegible]	[illegible]	[illegible]
1060	31	7600	38200	400	—	1865	39720		45800	[illegible]	[illegible]
1014	91	6800	34179	600	—	—	35575		40979	[illegible]185	[illegible]
912	2	7600	38200	550	—	—	39850		45500	[illegible]	[illegible]
997		[illegible]	[illegible]547	7[illegible]	—	1865	26[illegible]710		30[illegible]47	[illegible]744[illegible]	[illegible]
1126	3	7600	[illegible]	3550	—	1890	34005		45[illegible]	39[illegible]	[illegible]
976	4	8000	40210	700	—	—	40340		48210	47340	[illegible]
1020	5	7200	36189	1050	—	—	38940		43389	39990	[illegible]
975	6	8400	42221	1000	—	—	40115		50621	41115	[illegible]
1046	7	6800	34179	2850	—	1130	29745		40979	33725	[illegible]
1074	8	8000	40210	850	—	—	41520		48210	42370	879
1014	9	6400	32168	450	—	—	38795		38568	39245	1018
1032		52400	263377	10450	—	3000	263460		315777	276930	877
954	10	4500	40230	4850	—	—	13035		44730	178[illegible]	[illegible]
1041	11	4500	39880	5000	—	—	34360		44380	39360	887
852	12	5400	46786	1700	—	—	39440		52186	41140	[illegible]
953	13	5400	45936	2250	—	700	41675		51336	44625	867
952	14	5700	48488	1050	—	—	43430		54188	44480	821
862	15	5400	46836	700	—	—	44195		52236	44875	[illegible]
896	16	5100	44284	1450	—	—	40060		49384	41510	[illegible]
931		36000	312390	17000	—	700	256195		348370	73195	786
742	17	4500	39530	1250	—	—	36495		44030	37675	856
1097	18	4500	39380	2600	—	—	34410		43880	37010	844
1108	19	3000	29072	2250	—	—	31015		32072	33265	1037
1075	20	6000	31631	850	—	1465	21130		37631	33445	[illegible]
1072	21	7600	42689	4040	—	—	37225		50189	41265	[illegible]
939	22	7200	40347	500	—	—	40940		47547	41440	[illegible]
1018	23	7600	42589	800	—	—	41845		50189	42645	850
1018		40400	265088	12290	—	1465	242790		305458	256745	840
1016	24	7600	42589	400	—	—	43515		50189	43915	875
1065	25	7600	42589	1200	—	200	39695		50189	41695	[illegible]
1007	26	6800	38106	900	—	—	39040		44906	39946	889
1069	27	7200	40347	550	—	—	41950		47547	42500	174
675	28	6800	38106	2500	—	3820	31330		44906	37650	838
988	29	6400	35864	1650	—	—	32895		42264	34545	817
969	30	7200	40347	600	—	—	41410		47547	42010	884
918		49600	277948	7800	—	4020	269835		327548	281655	860
791		259000	1379350	57240	—	11070	1295390		1605250	1363700	850
	Trucks	3000	21020	550	—	—	19110		24020	19660	
		222900	1358330	56690	—	11070	1276280		1581230	1344040	850

Treals October, 1979
11

Brake	Date	Cilgar	Potlatch	alum	Size	clay	Tita	Brake
	10 1							
	2							
	3							
	4 5							
	6							
	7							
	8							
	9							
2000	10							
	11							
	12							
	13							
	14							
2000								
	15							
	16		11-1060					
	17	7155	3500	354	2253	2900	2200	1500
	18							
	19							
	20							
	21							
		7155	3500	354	2253	2900	2200	1500
	22							
	23							
	24							
	25							
1200	26							
	27							
	28							
1200								
2200		7155	3500	354	2253	2900	2200	

SA 067687

Trials

October 1977
#10

Date		Crestbrook	Superior	Weyerhauser	Celgar	Dupal Calc Carb	Ansilex	Tita	Alum	Sizy	Clay		Brake	Dat
10	1													10
	2													
	3													
	4 5													
	6													
	7													
	8													
	9										10-0994			
	10			7215	4770	250	750	2000					2000	
	11													
	12													
	13													
	14													
				7215	4770	250	750	2000					2000	
	15													
	16													
	17													
	18													
	19													
	20													
	21													
	22													
	23										10-1002			
	24													
	25													
	26	3120	4563				300	1200	327	150	1500		1200	
	27													
	28													
		3120	4563				300	1200	327	150	1500		1200	
		[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]					

5A 067688

Bleached Pulps #10 October 1979

Date	AHW	ASW	397 Eddy	504 P Albert	487 Marathon	481 Weyerhauser	477 Algar	507 Superior	520 Crestbrook	Broke
10 1			20247	17136						6800
2			9528	15120		10101				6000
3				14112		20202				5600
4				15120		21645				6000
5				14112		20202				5600
6				15120		21645				6000
7				2016		23088	13356			6400
			27775	92736		116883	13356			42400
8						21645	14310			6000
9						21645	14310			5600
10						15873	10494			4800
11						21645	15264	1521		6400
12							13356	21294		5600
13							14310	22815		6000
14							15264	24336		6400
						80868	97308	69966		40800
15							16218	25857		6800
16							13356	21294		5600
17							11448	18252		5200
18							14310	22815		6000
19							16218	25857		6800
20							4770	25857	12480	6800
21								22815	15600	6000
							76320	162747	28080	42800
22								21294	14560	5600
23								22815	15600	6000
24								21294	14560	5600
25								22815	15600	6000
26								15210	10400	4000
27								24336	16640	6400
28			10322					24336	3120	6400
			10322					152100	90480	40000
			[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	118560	

[redacted]

19	Rayphor Step 8 7# per gal							Ansulex								#10 Stand
Broke		Alpha Step	Calc Carb	Calcium Carbonate	Magnesium Silicate	Sodium Acetate	Ita	Yellow	Size	Clay			Ultra Cote	alum		
6800		1012					4250	2550					850	1559		1800
6000		893					3750	2250					750	1308		[illegible]
5600		833					4850	2100					700	1221		[illegible]
6000		893					6750						750	1308		[illegible]
5600		833					6300						700	1221		[illegible]
6000		893					6750						750	1308		[illegible]
[illegible]		952					7500	1500					800	1395		[illegible]
42400		6307					40150	8100					5300	[illegible]		[illegible]
6000		893					5250	2250					750	1350		2600
5600		893					5250	2250					750	1390		2000
4800		655					2650	1100					550	1019		3500
6400		952					2250	1600					800	1482		[illegible]
5600		833					2750	1400					700	1297		[illegible]
6000		893					2300	800					3000	1390		[illegible]
6400		952					2400	1000					3200	1395		2600
40800		6071					22850	10400					9750	7325		15400
6800		1012					2000	1700					5950	1313		[illegible]
5200		833					1400	1400					4900	1068		[illegible]
5200		714					2600	1200					1200	916		[illegible]
6000		298					3750	1500	250				1500	1144		[illegible]
6800							4250	1700	425	1700				1297		—
6800							4250	2400	425	1700				1297		600
6000							3750	2250	375	1500				1455		1600
42800		2857					23000	12150	1475	4900			13550	8490		9700
5600							3000	2100	350	1950				1450		600
6000							3000	2250	375	2250				1499		1200
5600							2800	2100	350	2100				1450		1000
6000							3900	1800	375	2200			Bag	250 938		2200
4000							2250	1000	250	1350				976		3900
6400							4000	1600	400	2400				1744		—
6400							4000	1600	400	2400				1744		1500
40000							22950	12450	2500	14450				10051		10400
46000		7557					10890	4810	975	19500			28600	37181		[illegible]

SA 887698

Bleached Pulps #11 October 1979

Broke	Ita Tac 130	Alpha Sizer	Dayal Calc Carb	Cabosil	Magnesium Yellow	Barium Carb	Ita	Anatase Zinc	Size	Titan Dioxide Clay	clay	alum
200		595			2800							763
200		765					200			6800		[illegible]
6800		723					850			6800		1204
6400		638					2250	1200		3600		1063
6800		723					2550	1700		3400		12[illegible]
7600		808					2850	1700		3800		1347
8800		935					3300	2200		4400		1559
9200		5187			2800		4700	7000		28800		8415
9600		1020					2800	2400		4800		1700
10300		1105					3050	2600		5200		1842
7200		978					3450	2300		4600		1630
8400		893					2900	2100		4200		1488
6800		850					6000	3000		—		1417
7200		765					4550	2500		1700		1275
8800		935					4450	3300		2200		1559
10300		6546					27500	18500		22700		10911
7600		850					4000	3000		2000		1417
7600		808					3800	2850		2900		1346
7100		563					3000	1300		1300		921
4800		43					2400	700	220	1200		850
5200					1200		1400	350	180		700	850
5600					2800				210			992
6800					3400				255			1204
44700		2254			7400		14600	8200	865	7400	700	7580
6400					3200				240			1134
5200					2800				210			992
7600							1800	1250	270		5400	981
7200							5000	2350	270		2200	Dry 500 534
7600							5000	2000	300		2000	1417
5100			750				5200	2300	45		1800	213
6600			1100				5700	3300			2300	
45700			1850		6000		22900	11200	1335		13700	5771
7100		13987	1850		7600		77500	44600	2200	58900	14400	32677

SA 867691

Date	a H W Bl	a S W Bl	P Albert	Marathon	Chesapeake	Calgary	Potlatch	Superior	Weyerhaeuser	Broke
		500	504	487	344	477	450	507	481	
10 1			21168	6818						5200
2			27216	8766						7600
3			25704	1461	4816					6800
4			28728		1032					6400
5			34272							6800
6		9750	28476							7600
7		16500	27720							8800
		26250	193284	17045	5848					49200
8		9500	5040			23840	7650			9600
9		9260				26946	17450			10300
10		11500				21942	16100			9200
11		10500				20034	14700			8400
12						28620	14000			6800
13						25758	12600			7200
14						31482	15400			8800
		40750	5040			178622	97900			60300
15						28620	14000			7600
16						27189	13300			7600
17						18603	9100			7100
18						11925	700	11154		4800
19						2862	7700	12168	3367	5200
20							9800	14196	6734	5600
21							11900	17238	8177	6800
						89199	66500	54756	18278	44700
22							11200	16224	7696	6400
23							9800	14196	6734	5200
24							12600	9126	17316	7600
25							12600	9126	17316	7200
26							14000	10140	19240	7600
27							12600	9126	17316	5100
28							2100	20787	21164	6600
							74900	85725	106782	45700
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	125063	

SA 067692

October 1979

Date	Ansilex	Teta	Zeolex	Teta India	Unisize
10 1					
2					
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26					
27					
28					

SA 067693

Phelps Bates October 1979

Date	Eddy	Albert	Marathon	Weyerhauser	Chesapeake	Cilgar	A.S.W	Potlatch	Superior	Westbrook
101	51	76	14							
	24	84	15	21						
3		79	3	42	14					
4		87		45	3					
5		96		42						
6		86		45			20			
7		59		48		28	23			
	75	567	35	43	17	28	[illegible]			
8		10		45		80	19	7650		
9				45		86	19	17450		
10				48		78	23	16100		
11				45		74	21	14700	3	
12						88		14000	42	
13						84		12600	46	
14						98		15400	48	
		10		183		588	82	97900	138	
15						94		14000	51	
16						85		13300	42	
17						78		12600	36	
18						55		700	67	
19				7		40		7700	75	
20				14		10		9800	79	4
21				17				11900	79	30
				38		362		70000	427	54
22				16				11200	74	28
23				14				9800	73	30
24				36				12600	60	28
25				36				12600	63	30
26				40				14000	59	26
27				36				12600	66	32
28	26			44				2100	89	6
	26			222				74900	484	180
	101	577	35	686	17	978	135	242800	1051	[illegible]

SA 067694

October 1979
#11

Date	A Broke Used	B Pulp	Storage Tank No	C Slab Waste	D Stub Reels	E Rej Prod	F Good Prod	Storage Tank adj	Total Raw Mat	Sigma Prod	% Ret
1	5200	31381		2050	—	—	38020		36581	[illegible]	10[illegible]
2	7600	44540		1050	2720	820	33905		52[illegible]	[illegible]	74[illegible]
3	6800	40254		2050	5300	—	39640		47154	[illegible]	[illegible]
4	6400	37448		3400	2430	—	37295		43848	[illegible]	[illegible]
5	6800	42645		1700	—	—	37740		49[illegible]	39440	79[illegible]
6	7[illegible]00	47584		700	—	—	52015		55184	[illegible]	[illegible]
7	8800	55[illegible]		450	—	—	60265		63[illegible]	[illegible]	[illegible]
	47200	279[illegible]14		11400	10450	820	298970		348214	[illegible]1640	7[illegible]
8	9600	57050		1150	—	—	59135		66650	[illegible]	70[illegible]
9	10300	65601		1400	—	—	58870		75701	62[illegible]70	77[illegible]
10	9200	60870		900	—	—	60105		70070	61005	871
11	8400	55327		250	—	—	54335		63727	54585	857
12	6800	52470		4450	1110	5090	37675		59270	48325	815
13	7200	47873		1350	1680	—	48400		55073	51430	934
14	8800	57767		1350	1810	—	49445		66567	52605	790
	60300	396958		10850	4600	5090	367965		457258	388505	85[illegible]
15	7600	52470		900	1770	2000	45050		60070	47720	828
16	7600	50847		2150	1950	1780	42210		58447	48070	823
17	7100	51864		1050	1650	3800	30640		58964	37140	630
18	4800	28340		600	1550	940	23960		33142	[illegible]7650	816
19	5200	29927		6800	1200	—	19720		35127	27720	789
20	5600	33740		2100	—	3520	26520		39340	32140	817
21	6800	40970		1400	—	—	38805		47770	40205	842
	44700	289160		15000	8120	12040	226905		332860	[illegible]2015	787
22	6400	38560		1000	—	—	41920		44960	[illegible]20	95[illegible]
23	5200	33740		3700	—	—	34160		38940	37860	97[illegible]
24	7600	47762		800	3200	—	32265		55362	36265	655
25	7200	48862		2200	3070	1230	37770		56062	44270	79[illegible]
26	7600	52680		3050	3555	—	45490		60280	52095	864
27	5100	49137		2900	1930	4850	34995		54237	44675	824
28	6600	56651		1830	4620	1600	48170		63251	56220	889
	45700	327392		15480	16375	7680	274770		373092	314305	84[illegible]
	199[illegible]00	1311[illegible]4		52730	39545	25630	1168610		1511424	1[illegible]15	8[illegible]
Trucks	1500	18008				3800	—		19508	[illegible]800	
	1984[illegible]	1[illegible]				218[illegible]30			1491916	1[illegible]715	86[illegible]

SA 067695

October 1979, #10

Date	A Broke Used	B Pulps	8000 Storage Tank Inv	C Slab Waste	D Stub Rolls	E Rej Prod	F Good Prod	G Storage Tank adj	A+B+G Total Raw Mat	[illegible] Gross Prod	% Ret
10 1	6800	47845	8000	1750	8800	—	41500	—	54645	52050	[illegible]
2	6000	43992	8000	1400	8710	—	39490	—	49992	49600	992
3	5600	44997	8000	3950	7725	—	35600	—	50597	47275	[illegible]
4	6000	47158	8000	2750	7875	—	36610	—	53158	47235	889
5	5600	43147	8000	3100	7250	—	33660	—	48747	44010	9[illegible]3
6	6000	47558	8000	950	1500	1480	45720	—	53558	49650	927
7	6400	50912	8000	800	—	1330	52495	—	57312	54625	953
	42400	325609		14700	41860	2810	285075		368009	344445	936
8	6000	47698	8000	1450	—	—	52160	—	53698	53610	998
9	5600	47098	8000	1350	3760	—	48540	—	52698	53650	1018
10	6800	49507	8000	13850	3000	2800	17920	—	56307	37570	667
11	6400	47232	8000	2150	—	—	48420	—	53632	50570	943
12	5600	44133	8000	2850	—	—	34600	—	49733	37450	753
13	6000	45118	8000	1900	—	—	50080	—	51118	51980	1017
14	6400	49752	8000	1150	—	1940	50160	—	56152	53250	948
	42800	330538		24700	6760	4740	301880	—	373338	338080	906
15	6800	54937	8000	1050	—	—	51200	—	61737	52250	846
16	5200	43983	8000	6550	—	—	42910	—	49183	49460	1006
17	5200	38714	8000	5100	—	1500	26730	—	43914	33330	759
18	6000	46623	8000	800	—	4330	49370	—	52623	54500	1036
19	6800	50150	8000	550	—	—	53020	—	56950	53570	941
20	6800	52482	8000	1000	—	1100	52880	—	59282	54980	927
21	6000	47890	8000	1100	—	2980	47200	—	53890	51280	952
	42800	334779		16150	—	9910	323310	—	377579	349370	925
22	[illegible]	43854	8000	2000	—	200	52190	—	49454	54390	1100
23	6000	[illegible]	8000	2450	—	—	48[illegible]	—	53490	51050	954
24	5600	44204	8000	[illegible]500	—	2180	41690	—	49804	50370	1011
25	6000	48890	8000	5950	—	1400	46220	—	54890	53570	976
26	5200	45193	8000	6150	—	4600	42685	—	50393	52435	1000
27	6400	49376	8000	2600	—	—	53210	—	55776	55810	1001
28	6400	47678	6400	1450	—	—	54670	+1600	55678	56120	1008
	41200	326685		27100	—	8380	331265	+1600	369485	374745	1014
	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
Trials	3200	25518		300		4600	—		29018	4900	
	[illegible]	[illegible]		[illegible]		[illegible]			[illegible]	[illegible]	

SA 067696

Trials

November 1911
#10

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SA 067697

Trials November 1979 # 11

Date	Weyerhauser	Superior	Prince Albert	Eddy	Calc Carb	Sta Loc	Daypal	Clay	Teta	Zeolex Amelex			Broke
10 29	1924	2028					100	500	900	300	10-11-1002	3[illegible]	[illegible]
30	11544		12096		3000	600	600				11-1072-11 1073.	[illegible]	[illegible]
31	5772		6048		1200	300	300				11-1072	1475	[illegible]
11 1													
2													
3													
4													
	19240	2028	12144		4200	900	1000	500	900	300			6000
5													
6													
7			12096	9528	5500		300				11-1074	20070#	3300
8													
9													
10													
11													
			12096	9528	5500		300						3300
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25													
	19240	2028	30240	7528	9700	900	1300	500	900	300			[illegible]

5A 067698

Bleached Pulps #10 November 1977

Date	Western AHW 1197	A & W 500	Superior 507	Eddy 397	Potlatch	Prince Albert 504	Crestbrook 520	Broke
10 29		4000	22815	5568	5600			6000
30		7000	6084	11910	9800			4600
31		8000		19056	11200			7600
11 1		3000		14292	10500	9072		7000
2				9528	8400	12096		7200
3				10322	9100	13104		7800
4		17000				25704		6800
		39000	28899	70666	54600	59976		51000
5		17000				25704		6800
6		16000				24192		6400
7		1000		7940		16632		4400
8				12704		24192		6400
9				11116		21168		5600
10			9633	11910		13104		6000
11			22815	11910				6000
		34000	32448	55580		124992		41600
12			19773	10322				4800
13			19773	10322				5600
14			27378	14292				7200
15			25857	13498				6800
16			15210	13498			10920	6800
17				12704			24960	6400
18				14292			28080	7200
			107991	88928			63960	44800
19				12704			24960	6400
20				12704			24960	6400
21				11910			23400	6000
22				13498			26520	6800
23	4233			13498			26520	6800
24	4482			14292			28080	7200
25	4731			15086			29640	7600
	13446			93692			184080	47200
	13446	73000	161337	218866	54600	184896	184080	

1 sur 87

[redacted]

v 1979 Phosphor Slag 87¢ per gal

Broke				Alpha Size	Calc Carb	Pisco yellow	Sodium Acero	Ita	Analysis Zinc	Size	Clay		Ultra Coat	alum	#10 Stand
[illegible]								2350	1100	375	2050			[illegible]	[illegible]
4600								2900	1150	350	2450			1233	[illegible]
2600								4800	1600	400	2400			1221	
9000								4250	1500	375	2250			1145	[illegible]
7200								4200	[illegible]	300	1500			916	[illegible]
7800								4350	1950	325	2100			[illegible]	[illegible]
2800								2650	1000	400	5700				[illegible]
7000								25500	9400	2550	17750			5143	[illegible]
6800								3000	1700	425	5100			1101	
6400								3200	1600	400	4800			959	[illegible]
4400								2200	1100	275	3300			735	[illegible]
6400								5300	2200	400	300			1755	[illegible]
5600								5500	1400	350				1677	[illegible]
6000								4460	1500	375	1500			1799	[illegible]
6000								3250	1500	375	1500			1799	[illegible]
41600								26900	11000	2600	16500			9817	[illegible]
4800								3100	1300	325	1300			1559	[illegible]
5600								3250	1300	325	1300			1557	[illegible]
7200								4850	1800	450	2150			2191	[illegible]
6800								4550	1700	275	2300			2316	[illegible]
6800								4250	1700	425			1700	2316	[illegible]
6400								4800	1600	400			1600	2180	[illegible]
7200								5400	1800	450			1800	2453	[illegible]
44800								30200	11200	2650	7050		5100	14574	17500
6400								4550	1600	400			2200	2180	3100
6400								4800	1600	400			1600	2180	[illegible]
6000								3750	1500	375			1500	1815	[illegible]
6800								4600	1700	425			1700	1357	[illegible]
6800								3650	1700	425			1700	1112	[illegible]
7200								3350	1800	450			1800	1177	[illegible]
7600								6250	1900	475			1900	1243	[illegible]
47200								31150	11800	2950			12400	11064	11100
[illegible]								11750	4440	1075	4300		17500	4390	[illegible]

SA 867700

Bleached Pulps #10 November 1971

	1197	500	507	397		504	520				
Date	Western AHW	A & W	Superior	Eddy	Pollatch	Prince Albert	Crestbrook				Broke
10 29		4000	22815	5568	5600						[illegible]
30		7000	6084	11910	9800						[illegible]
31		8000		19056	11200						[illegible]
11 1		3000		14292	10500	9072					[illegible]
2				9528	8400	12096					7500
3				10322	9100	13104					[illegible]
4		17000				25704					6500
		34000	28899	70666	54600	59976					51[illegible]00
5		17000				25704					6800
6		16000				24192					6400
7		1000		7940		16632					4400
8				12704		24192					6400
9				11116		21168					5600
10			9633	11910		13104					6000
11			22816	11910							6000
		34000	32448	55580		124992					41600
12			19773	10322							4800
13			19773	10322							5600
14			27378	14292							7200
15			25857	13498							6800
16			15210	13498			10920				6800
17				12704			24960				6400
18				14292			28080				7200
			107991	88928			63960				44[illegible]
19				12704			24960				6400
20				12704			24960				6400
21				11910			23400				6000
22				13498			26520				6500
23	4233			13498			26520				[illegible]
24	4482			14292			28080				7[illegible]00
25	4731			15086			29640				7600
	13446			93692			184080				47[illegible]00
	13446	75[illegible]	[illegible]	1[illegible]86	54600	184992	1[illegible]				[illegible]

1 super Slip 87 pm

SH 067701

Date	Western a H W Bl	a S W Bl	481 Weyerhaeuser	507 Superior	Potlatch	504 Prince Albert	397 Eddy	520 Crestbrook	487 Marathon	Broke
10 29			14430	10647	6300					4500
30			3848		2100	2520				900
31			10582			11088				3600
11 1			17316			18144				5400
2			17316			18144				5400
3			14430			15120				4600
4			15392			16128				4800
			93314	10647	8400	81144				27200
5			2886			17136	11776			5100
6						16128	12704			4800
7						5040	3970			1800
8						15120	11910			4200
9				8112		13104	16674			8800
10				19266			15086			7600
11				19266			15086			7600
			2886	46644		66528	86546			39100
12				15210			11910			6000
13				20280			15880			8000
14				20280			15880			8000
15				12168			14292	6240		7200
16							7940	10400		4000
17							12704	16640		6400
18							13498	17680		6800
				67938			92104	50960		46400
19							14292	18720		7200
20							14292	18720		7200
21							12704	16640		6400
22	8449						2382	3120	24837	8000
23	8946								26298	7200
24	9443								27759	7600
25	9940								29220	8000
	36778						43670	57200	108114	51600
	36778		96200	[illegible]	8400	[illegible]	[illegible]	[illegible]	108114	[illegible]

067702

Bleached Pulps #11 — November 1979

Time	Dayco	Sta Foc 130	8.3# per gal Resine Size	Calc Carb	Gasoline	Pepco Yellow	Sodium Bicarb	Ita	Analex & Zeta	Size	Ultra Cote Clay	Clay	alum
500	750	250		1250				3450	1300			2500	
900	200	200		1000									
2600	550	550		2200									
400	900	900		3600									
400	1150	700		6800									
600	1500			10460									
800	1600			10250									
1200	6650	1600		35100				3450	1300			2500	
100	1700			10950									
1800	1600			10500									
1800	500			3400									
1200	1500			9900									
8800				900				7900	2300		2100		
7600				950				7250	1900		1900		
7600				950				6650	1900		1900		
700	5300			37550				21800	6100		5900		
6000				750				5250	1500		1500		
2000				1000				7000	2000		2000		
8000	350			650				7050	2800		2000		
7200	250			650				6300	2700		1800		
4000				500				3500	1500		1000		
6400	800							5600	2400		1600		
6800	600							5700	2300	75	1700		414
6400	2000			3550				40400	15200	75	11600		414
7200								4000	950	270	1800		1177
7200								4500	1500	270	1800		1177
6400								4000	1600	240	1600		1044
8000								6350	2700	300	2000		1493
7200								5050	2700	270	900		1373
7600			663					4750	2850	30	950		1482
8000								5000	1700	300	1000		1526
7600			663					33650	14000	1680	10050		9274
1100	17200	1600	663	76700				99200	36600	1755	27550	2500	9655

SB 867783

Pulps Bales — November 1979

Date	397 Eddy	504 Albert	507 Superior	500 W S W	Potlatch	49 Weyerhauser	520 Crestbrook	497 Marathon	497 Western H W
10 27	14		70	8	11900	34			
30	30	29	12	14	11900	32			
31	48	34		16	11200	34			
11 1	36	54		6	10500	36			
2	24	60			8400	36			
3	26	56			9100	30			
4		83		34		32			
	178	316	82	78	63000	234			
5	28	85		34		6			
6	32	80		32					
7	54	67		2					
8	62	78							
9	70	68	16						
10	68	26	57						
11	68		83						
	382	404	156	68		6			
12	56		69						
13	66		79						
14	76		94						
15	70		75				12		
16	54		30				41		
17	64						80		
18	70						88		
	456		347				221		
19	68						84		
20	68						84		
21	62						77		
22	40						57	51	17
23	34						51	54	27
24	36						54	57	28
25	38						57	60	30
	346						464	222	102
	1362	720	5[illegible]	146	63000	240	685	[illegible]	102

November 1979

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SA 067705

November 1977
#10

Date	Brake Used	B Pulps	Storage Tank In	C Stat Waste	D Stub Rocks	E Rej Prod	F Good Prod	G Storage Tank Adj	A+B+G Total Raw Mat	C+D+E+F Gross Prod	% Ret
10 29	6000	47848	6400	7450	1550	6550	37980	—	53848	53470	993
30	4600	41644	6400	2200	1500	4140	41190	—	46244	49030	1060
31	9600	48456	6400	1200	3250	—	53490	—	58056	57940	998
11 1	9000	45839	6400	4000	1750	1420	47420	—	54839	54590	923
2	7200	38724	6400	2650	950	2730	40190	—	45924	46520	1013
3	7800	42151	6400	600	2470	—	45115	—	49951	48185	965
4	6800	53479	6400	1600	4200	—	49985	—	60279	55785	941
	51000	318141		19700	15670	14840	315310	—	369141	365520	979
5	6800	53929	6400	1400	5025	3810	51670	—	60729	61905	1019
6	6400	51192	6400	4650	4425	—	47430	—	57592	56505	981
7	4400	35347	6400	7750	2075	2520	19890	—	39747	32235	811
8	6400	45096	6400	600	3850	9930	36990	—	51496	51370	998
9	5600	42234	6400	4000	1630	—	42595	—	47834	48225	1008
10	6000	44072	6400	3300	1650	1350	44140	—	50072	50440	1007
11	6000	41950	6400	1800	2100	—	48290	—	47950	52190	1088
	41600	313820		23500	20755	17610	291005	—	355420	352870	993
12	4800	38720	6400	3500	1400	—	38780	—	43520	43680	1004
13	5600	37270	6400	850	—	—	34535	—	42870	35385	825
14	7200	53620	6400	1000	810	—	55870	—	60820	57680	948
15	6800	50280	6400	700	1140	—	55470	—	57080	57310	1000
16	6800	50503	8000	2110	—	—	51960	-(1600)	55703	54070	971
17	6400	49464	8000	350	—	—	55060	—	55864	55410	992
18	7200	54522	8000	1050	—	—	56180	—	61722	57230	927
	44800	334379		9560	3350	—	347855	-(1600)	377579	360165	955
19	6400	49514	8000	4800	—	4100	48140	—	55914	57040	1020
20	6400	49364	8000	350	—	—	57640	—	55764	57990	1040
21	6000	46435	8000	2700	—	—	47600	—	52435	50300	959
22	6800	49643	8000	1200	—	—	56380	—	56443	57580	1020
23	6800	54726	8000	1000	—	—	53000	—	61526	54000	878
24	7200	56854	8000	550	—	1900	52100	—	64054	54550	852
25	7600	62882	8000	3910	—	1410	51210	—	70482	56530	802
	47200	369412		14510	—	7410	366070		416618	387990	931
	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1518758	1467145	[illegible]

Date
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November 1979
#11

Cut	Date	Bribe Used	Pulpwood	Storage Tank Ins	Hot Waste	Stens Cells	Rep Pulp	Good Prod	Storage Tank Day	Total Raw Mat	Gross Prod	% Eff
993	10 29	5100	46[illegible]		[illegible]	2300	—	36420		51727	[illegible]410	82 1
060	30	4800	37708		1850	—	1600	32460		42508	35910	[illegible]
798	31	5100	38590		750	—	—	36280		43670	37030	84 [illegible]
923	11 1	5400	40860		150	—	—	40190		46260	40340	[illegible]
013	2	5400	44110		1300	—	—	40380		49510	41650	842
765	3	4600	41450		1600	—	—	41890		46050	43480	[illegible]
941	4	4800	43470		1000	—	—	42710		48[illegible]	[illegible]	[illegible]
779		35[illegible]	27[illegible]		10400	[illegible]	1600	270320		[illegible]	84620	[illegible]
019	5	5100	43788		750	—	800	40830		48888	42380	867
981	6	4800	40932		2000	—	2900	37690		45732	41590	909
811	7	5100	40334		10000	—	—	32520		45434	42520	936
998	8	4200	38430		1700	—	—	39910		42630	41610	976
008	9	8800	51090		5800	1110	2550	33300		59890	42760	714
007	10	7600	46352		950	990	2540	43260		53952	47740	885
088	11	7600	45752		1100	780	—	43975		53352	45805	859
993		43200	5[illegible]678		[illegible]1300	2880	8790	271485		349878	[illegible]4455	870
004	12	6000	36120		3500	140	—	27385		42120	31025	737
825	13	8000	48160		1450	175	—	43470		56160	45095	803
948	14	8000	49010		2800	—	—	41805		57010	44605	78[illegible]
000	15	7200	44400		1500	—	—	39520		51600	41020	79[illegible]
971	16	4000	24840	6200	[illegible]	—	3800	10270	-(6200)	22640	20470	904
992	17	6400	39744	6200	1250	—	—	38860	—	46144	40110	869
927	18	6800	41553	6200	750	—	—	45115	—	48353	45865	949
755		46400	28[illegible]7		17650	315	3800	246425	-(6200)	324027	268190	828
020	19	7200	40032	6200	2000	—	—	40050	—	47232	42050	890
040	20	7200	41082	6200	2100	—	—	39255	—	48282	41325	856
959	21	6400	36784	6200	1950	—	—	37230	—	43184	39180	907
020	22	8000	50138	6200	4950	—	—	44000	—	58138	48750	[illegible]
878	23	7200	44164	6200	4150	—	—	43655	—	51364	47805	[illegible]
852	24	7600	46445	6200	2000	—	—	48515	—	54045	50515	[illegible]
902	25	8000	47160	7450	1250	—	—	48235	-(1250)	53910	49485	877
731		51600	305805		18400	—	—	300910	-(1250)	356155	319310	897
166		176400	1181127		67750	5495	14170	1089140	-(7450)	1358077	1176575	866
	Totals	19300	74636		9550	—	1600	64755		183936	75905	
		167100	1114491		58200		12590	1024385		1274141	1100670	864

SA 867787

November 1917
#10

Date	Broke Used	Pulps	Storage Tank Inv	Seat Waste	Stub Rails	Ray Prod	Good Prod	Storage Tank Adj	Total Raw Mat	Gross Prod	% Rat
		B		C	D	E	F	G	A+B+C	C+D+E+F	
10 29	6000	47848	6400	7450	1550	6550	37920	—	53848	53470	993
30	4600	41644	6400	2200	1500	4140	41190	—	46244	49030	1060
31	9600	48456	6400	1200	3250	—	53490	—	58056	57940	998
11 1	9000	45839	6400	4000	1750	1420	47420	—	54839	54590	923
2	7200	38724	6400	2650	950	2730	40190	—	45924	46520	1013
3	7800	42151	6400	600	2470	—	45115	—	49951	48185	965
4	6800	33479	6400	1600	4200	—	49985	—	60279	55785	941
	51000	318141		19700	15670	14840	315310	—	369141	365520	979
5	6800	53929	6400	1400	5025	3810	51670	—	60729	61905	1019
6	6400	51192	6400	4650	4425	—	47430	—	57592	56505	981
7	4400	35347	6400	7750	2075	2520	19890	—	39747	32235	811
8	6400	45096	6400	600	3850	9930	36990	—	51496	51370	998
9	5600	42234	6400	4000	1630	—	42595	—	47834	48225	1008
10	6000	44072	6400	3300	1650	1350	44140	—	50072	50440	1007
11	6000	41950	6400	1800	2100	—	48290	—	47950	52190	1088
	41600	313820		23500	20755	17610	291005	—	355420	352870	993
12	4800	38720	6400	3500	1400	—	38780	—	43520	43680	1004
13	5600	37270	6400	850	—	—	34535	—	42870	35385	825
14	7200	53620	6400	1000	810	—	55870	—	60820	57680	948
15	6800	50280	6400	700	1140	—	55470	—	57080	57310	1000
16	6800	50503	8000	2110	—	—	51960	-(1600)	55703	54070	971
17	6400	49464	8000	350	—	—	55060	—	55864	55410	992
18	7200	54522	8000	1050	—	—	56180	—	61722	57230	927
	44800	334379		9560	3350	—	347855	-(1600)	377579	360165	955
19	6400	49514	8000	4800	—	4100	48140	—	55914	57040	1020
20	6400	49364	8000	350	—	—	57640	—	55764	57990	1040
21	6000	46435	8000	2700	—	—	47600	—	52435	50300	959
22	6800	49643	8000	1200	—	—	56380	—	56443	57580	1020
23	6800	54726	8000	1000	—	—	53000	—	61526	54000	878
24	7200	56854	8000	550	—	1900	52100	—	64054	54550	852
25	7600	62882	8000	3910	—	1410	51210	—	70482	56530	802
	47200	367412		14510	—	7410	366070		416618	387990	931
	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	—	1518758	1467145	[illegible]

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Trials

December 1974
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Trials

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SH 0677709

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December 1979
#11

Date	361 H.O. Eddy	397 Eddy	Cilgas	Day Cat	Sta. Loc	Calc. Cat	Imported Cylinders	aluminum	Light Stge		Brace
11 26											
27											
28											
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12 1											
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7											
8											
9											
10		15086	18126		950	4350				11-1084 27440#	6000
11		6352	7632	300	250	3100				11-1084 - 85 12490#	2100
12	7220		28620				4000	1014	230	11-1081 - 86 5000#	—
13	5776		22896				3200	872	408	11-1081 14860#	—
14	7940		31480				4400	1199	561	11-1081 30[illegible]10#	—
15	3249		12879				1800	491	230	11-1081 17020#	—
16											
	24187	21438	121635	300	1200	7450	13400	3576	1429		8100
17											
18											
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29											
30											
	24187	31458	121635	300	1200	7450	13400	3576	1429		

SA 067710

November 1979
#11

Date	Broke Used	Pulpe	Storage Tank	Slag Waste	Steo Coils	Rej Pebble	Good Prod	Storage Tank day	Total Raw Mat	[illegible]	% Eff
10-29	5100	46029		3750	2300	—	36420		51729	[illegible]	82.1
30	4800	37708		1850	—	1600	32460		42508	359.0	[illegible]
31	5100	38590		750	—	—	36280		43690	37030	84.8
11-1	5400	40860		150	—	—	40190		46260	40340	87.2
2	5400	44110		1300	—	—	40380		49510	41650	84.2
3	4600	41450		1600	—	—	41880		46050	43480	94.4
4	4800	43470		1000	—	—	42270		48270	[illegible]	[illegible]
179	35200	292517		10400	[illegible]	1600	270320		326017	[illegible]	85.[illegible]
5	5100	43788		750	—	800	40830		48888	42380	86.7
6	4800	40932		1000	—	2900	37690		45732	41590	90.9
7	5100	40334		10000	—	—	32520		45434	42520	93.6
8	4200	38430		1700	—	—	39910		42630	41610	97.6
9	8800	51090		5800	1110	2550	33300		59890	42760	71.4
10	7600	46352		950	990	2540	43260		53952	47740	88.5
11	7600	45752		1100	780	—	43975		53352	45855	85.9
793	43200	306678		21300	2880	8790	271485		349878	[illegible]4455	87.0
12	6000	36120		3500	140	—	27385		42120	31025	73.7
13	8000	48160		1450	175	—	43470		56160	45095	80.3
14	8000	49010		2800	—	—	41805		57010	44605	78.[illegible]
15	7200	44400		1500	—	—	39520		51600	41020	79.[illegible]
171	4000	24840	6200	[illegible]	—	3800	10270	-(6200)	22640	20470	90.4
192	6400	39744	6200	1250	—	—	38860	—	46144	40110	86.7
27	6800	41553	6200	750	—	—	45115	—	48353	45865	94.7
55	46400	283827		17650	315	3800	246425	-(6200)	324027	[illegible]8190	82.8
20	7200	40032	6200	2000	—	—	40050	—	47232	42050	89.0
40	7200	41082	6200	2100	—	—	39225	—	48282	41325	85.6
59	6400	36784	6200	1950	—	—	37230	—	43184	39180	90.7
20	8000	50138	6200	4950	—	—	44000	—	58138	48750	84.[illegible]
78	7200	44164	6200	4150	—	—	43655	—	51364	47805	93.1
52	7600	46445	6200	2000	—	—	48515	—	54045	50515	93.5
2	8000	47160	7450	1250	—	—	48235	-(1250)	53910	49485	89.7
1	51600	305805		18400	—	—	300910	-(1250)	356155	319310	89.7
6	176400	1187127		67750	5495	14170	1089140	-(7450)	1358077	1176575	86.6
Totals	19300	74636		9550	—	1600	64755		183936	75905	
	167100	1114491		58200		12590	1024385		1274141	1106670	56.4

November 1977
#10

Date	Broke Used	B Pulps	Storage Tank Inv	C Seat Waste	D Stub Rails	E Rej Prod	F Good Prod	G Storage Tank adj	A+B+G Total Raw Mat	C+D+E+F Gross Prod	% Ret
10 29	6000	47848	6400	7450	1550	6550	37920	—	53848	53470	993
30	4600	41644	6400	2200	1500	4140	41190	—	46244	49030	1060
31	9600	48456	6400	1200	3250	—	53490	—	58056	57940	998
11 1	9000	45839	6400	4000	1750	1420	47420	—	54839	54590	923
2	7200	38724	6400	2650	950	2730	40190	—	45924	46520	1013
3	7800	42151	6400	600	2470	—	45115	—	49951	48185	965
4	6800	53479	6400	1600	4200	—	49985	—	60279	55785	941
	51000	318141		19700	15670	14840	315310	—	369141	365520	979
5	6800	53929	6400	1400	5025	3810	51670	—	60729	61905	1019
6	6400	51192	6400	4650	4425	—	47430	—	57592	56505	981
7	4400	35347	6400	7750	2075	2520	19890	—	39747	32235	811
8	6400	45096	6400	600	3850	9930	36990	—	51496	51370	998
9	5600	42234	6400	4000	1630	—	42595	—	47834	48225	1008
10	6000	44072	6400	3300	1650	1350	44140	—	50072	50440	1007
11	6000	41950	6400	1800	2100	—	48290	—	47950	52190	1088
	41600	313820		23500	20755	17610	291005	—	355420	352870	993
12	4800	38720	6400	3500	1400	—	38780	—	43520	43680	1004
13	5600	37270	6400	850	—	—	34535	—	42870	35385	825
14	7200	53620	6400	1000	810	—	55870	—	60820	57680	948
15	6800	50280	6400	700	1140	—	55470	—	57080	57310	1000
16	6800	50503	8000	2110	—	—	51960	-(1600)	55703	54070	971
17	6400	49464	8000	350	—	—	55060	—	55864	55410	992
18	7200	54522	8000	1050	—	—	56180	—	61722	57230	927
	44800	334379		9560	3350	—	347855	-(1600)	377579	360165	955
19	6400	49514	8000	4800	—	4100	48140	—	55914	57040	1020
20	6400	49364	8000	350	—	—	57640	—	55764	57990	1040
21	6000	46435	8000	2700	—	—	47600	—	52435	50300	959
22	6800	49643	8000	1200	—	—	56380	—	56443	57580	1020
23	6800	54726	8000	1000	—	—	53000	—	61526	54000	878
24	7200	56854	8000	550	—	1900	52100	—	64054	54550	852
25	7600	62882	8000	3910	—	1410	51210	—	70482	56530	802
	47200	369418		14510	—	7410	366070		416618	387990	931
	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	- [illegible]	1518758	1467145	[illegible]

SA 067712

Trials

[illegible] #10

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SA 067713

Treatos

December 1979
#11

Date	361 N W Eddy	397 Eddy	Calgar	Day Cat	Stir Lime	Calc. Carb	Impure zylebo	aluminum	ulphate		Broke
11 26											
27											
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29											
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12 1											
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7											
8											
9											
10		15086	18126		950	4350				11-1084 27440#	6500
11		6352	7632	300	250	3100				11-1084 - 85 12480#	2100
12	7220		28620				4000	1014	230	11-1081 - 86 5500#	—
13	5776		22896				3200	872	408	11-1081 1486#	—
14	7940		31480				4400	1199	561	11-1081 36[illegible]#	—
15	3249		12879				1800	491	230	11-1081 170[illegible]#	—
16											
	24187	21438	121635	300	1200	7450	13400	3576	1429		8100
17											
18											
19											
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28											
29											
30											
	24187	21438	121635	300	1200	7450	13400	3576	1429		

SA 867714

7	Nitrophos Soda 8.7# per gal								Analex Zinley								# 15 Starch
Brake					Appra Size	Calc Carb	Magnesium Yellow	Bicarb	Ita		Sizy	Clay		Nitra Cate	alum		
6800									5800	1700	425			1700	[illegible]		[illegible]
7000									3500	1000	250			1000	654		[illegible]
7400									4000	1600	400			1600	1046		[illegible]
6400									4000	1600	400			1600	1046		[illegible]
6400									4000	1600	400			1600	1046		[illegible]
6000									3500	1500	375			1750	987		[illegible]
6800									2250	1700	425			2550	1112		[illegible]
42800									26050	10700	2675			11800	6519		[illegible]
6400									2700	1600	400			2400	1046		[illegible]
6400									2650	1600	400			2950	1046		[illegible]
6800									2650	1800	425			3400	1112		[illegible]
7600									2350	1900	475			3800	1243		[illegible]
6000									3500	1500	375			3000	1057		[illegible]
6000									4550	1500	375			3000	1145		[illegible]
5600									5250	1500	375			3000	1145		[illegible]
44800									23650	11400	2825			21550	7794		13800
4800									2700	1100	275			1600	840		—
6400									3200	1600	400			1600	1221		—
5200									2600	1300	325			1300	992		600
5600									3200	1400	350			1400	1215		600
6000									3750	1500	375			1500	1390		1000
4400									3900	1200	300				1112		1600
5200									4500	1200	300				1112		—
37600									23850	9200	2325			7400	7882		[illegible]
6400									6550	1350	400				1482		[illegible]
6400									5600	1050	400			1000	1483		1600
5600									3500	2000	350			400	1297		[illegible]
6400									4400	2400	400				1482		[illegible]
5200									3900	1950	325				1204		[illegible]
6400									1350	800	400	4800			1482		[illegible]
4400									600		300	1200		2400	1112		[illegible]
10800									25900	9550	2575	6000		3800	9545		14400
4400									800		250	3000			927		1600
6400									1250		400	4800			1482		
6400									800		400	4800			1482		
6000									750		375			4500	1389		—
3200									3600		1425	12600		4500	5280		1600
1200									[illegible]	40450	18850	18600		47250	37376		40000

SA 067715

Bleached Pulps #10 December 1979

Date	AHW	Tarot HW	Crestbrook	Eddy	Superior	Pontiac Western N.W.	Weyerhauser	Prince Albert	Eddy	Marathon	Brake
		537	520	397	507	460	481	504	361	487	
11 26			15600	13498	10647	3910					6800
27				7940	15210	2300					4000
28				12704	24336	2300					6400
29				12704	24336						6400
30				12704	24336						6400
12 1				11910	[illegible]						6000
2				13498	25857						6800
			156[illegible]	84959	147537	8510					42800
3				12704	24336						6400
4				12704	5577		17797				6400
5				13498			24531				6800
6				15086			27417				7600
7				11910			21645				6000
8				11910			21645				6000
9				11910			5772	16632			5600
				89722	29913		118807	16632			44800
10				8734				16632			4800
11				12704				24192			6400
12				10322				19656			5200
13				11116				21168			5600
14				11910				22680			6000
15				9528				18144			4400
16				9528				18144			5200
				73842				140616			37600
17				12704				24192			6400
18				12704				24192			6400
19				11116				21168			5600
20				12704				24192			6400
21				10322				19656			5200
22				12704				16128	5776		6400
23				9528				12096	4332		4400
				81782				141624	10108		40800
24											
25											
26											
27				7940				10584	722	3409	4400
28		7518		12704				16128		974	6400
29		8592		12704				16128			6400
30		8055		11910				15120			6000
		24165		45[illegible]				57960	722	4393	[illegible]
		[illegible]	[illegible]	[illegible]	17742[illegible]	8510	11[illegible]	[illegible]	10830	4[illegible]	

SA 067716

Date		A H W Bl	A S W Bl	487 Marathon	460 Fontiac Western H.W	504 Prince Albert	397 Eddy	477 Celgar	361 H W Eddy	Brake
11	26			29707	1380					6400
	27			24350	6440	6048				7600
	28			5844	920	23184	12704			9600
	29					20160	15880			[illegible]
	30					23184	18262			9600
12	1					20160	15880			[illegible]
	2					22176	17468			[illegible]
				59901	8740	114912	80194			58000
	3					8064	17468	13356		[illegible]
	4						15880	19080		[illegible]
	5						17468	20988		[illegible]
	6						14292	17172		5400
	7						14292	17172		6100
	8						14292	17172		5900
	9						9528	11448		3300
						8064	103220	116388		46300
	10		Trials							
	11		"				5558	6678		2100
	12		Trials							
	13		"							
	14		"							
	15						8734	10494		3600
	16						12704	15264		4800
							26996	32436		10500
	17				6900		2382	24327		6000
	18				8740			27189		7600
	19				4600			27189	3249	7600
	20							28620	7220	8000
	21						3176	28620	43[illegible]	[illegible]
	22						7940	25620		7600
	23						5161	18603		3900
					20240		18659	183168	14801	48700
	24									
	25									
	26									
	27						3970	14310		3300
	28						5956	21465		1500
	29						5558	20034		[illegible]
	30						6749	24327		5100
							22232	80136		17100

SA 067717

Bleached Pulps #11

December 1979

Brake	Nuspel	Sta Lite 130	Alpha Sizy	Calc Carb	Cabosil	Magnesium Silicate	Sodium Silicate	Sodium Acetate	Atlas	Anaby or Zyrox	Sizy	Filtre Cotte Clay	Clay	Alum
6400									4750	800	240	800		
7600									6650	950	285	750		1150
7600									7150	1150	345	1150		1755
8000									6000	1000	300	1000		152
9600									6000	[illegible]	345	1750		1755
7000									4000	[illegible]	300	1055		152
8800									3500	330	330	1100		1679
7000									3850	1345	245	7150		10[illegible]
8800									4900	2250	330	1100		1984
8000									4000	000	300	1000		1962
5800				200					4800	2400	270	1300		
5400	1350			7000					2700	1350		900		
6100	3000			11000										
5900	2300			10560										
3300	2250			7200										
16300	8900			36150					16400	8000	900	4300		5712
2100	700			4900										
2600	1100			6500										
1800	1600			11200										
2500	3400			22600										
2000	300			2100					1500	750	225	3750		899
1600									1900	950	285	4750		1137
7600									1900	950	285	4750		1137
8000									2000	1000	300	5000		1199
5000									2400	1400	840		3800	1199
7600									2650	2000	300		2000	1199
3900	1200			8750										
18700	1500			10850					12250	7050	2235	18250	5800	6774
4300	1000			8650										
1500	1500			13750										
1200	3750			8550										
5100	7450			7450										
7100	13700			37400										
6600	27500			107200					16600	28500	[illegible]	9700	5[illegible]	[illegible]

SA 067718

Brake	Peroxhon Sulfe 8.7# per gal					Appra Size	Calc carb	Impicolidum yellow	Bicarb	Ita		Size	Clay		ultra Cate	alum	# 15 Starch
												Amaulex zeolex					
6800										5800	1700	425			1700	[illegible]	[illegible]
5000										2500	1000	250			1000	654	[illegible]
6400										4000	1600	400			1600	1046	[illegible]
6400										4000	1600	400			1600	1046	[illegible]
6400										4000	1600	400			1600	1046	[illegible]
6000										3500	1500	375			1750	781	[illegible]
6800										2250	1700	425			2550	1112	1000
12800										6050	10700	2675			11800	6813	15300
6400										2700	1600	400			2400	1046	[illegible]
6400										2650	1600	400			2950	1046	[illegible]
6800										2650	1800	425			3400	1112	2600
7600										2350	1900	475			3800	1243	[illegible]
6000										3500	1500	375			3000	1057	1000
6000										4550	1500	375			3000	1145	1600
5600										5250	1500	375			3000	1145	2000
44800										23650	11400	2825			21550	7794	13800
4800										2700	1100	275			1600	840	—
6400										3200	1600	400			1600	1221	—
5200										2600	1300	325			1300	992	600
5600										3200	1400	350			1400	1215	600
[illegible]000										3750	1500	375			1500	1390	1000
4400										3900	1200	300				1112	1600
[illegible]200										4500	1200	300				1112	—
7600										23850	7200	2325			7400	7882	[illegible]
[illegible]400										6550	1350	400				1482	[illegible]
[illegible]400										5600	1060	400			1000	1483	1600
5600										3500	2000	350			400	1297	[illegible]
[illegible]400										4400	2400	400				1482	[illegible]
[illegible]200										3900	1950	325				1204	[illegible]
[illegible]400										1350	800	400	4800			1482	[illegible]
4400										600		300	1200		2400	[illegible]	[illegible]
[illegible]800										25900	9550	2575	6000		3800	9542	14400
[illegible]400										800		250	3000			927	1600
[illegible]400										1250		400	4800			1482	—
[illegible]100										800		400	4800			1482	—
[illegible]000										750		375			4500	1389	—
[illegible]500										3600		1425	10600		4500	5280	1600
1200										[illegible]	[illegible]	1825	18600		[illegible]	3376	[illegible]

SH 867719

Bleached Kraft #10 December 1979

Date	A+W	Jerome W	Crestbrook	Eddy	Superior	Pontiac Western N.W.	Weyerhaeuser	Prince Albert	Eddy	Marathon	Brake
		537	520	397	507	460	481	504	361	487	
11 26			15600	13498	10647	3910					6800
27				7940	15210	3300					4000
28				12704	24336	2300					6400
29				12704	24336						6400
30				12704	24336						6400
12 1				11910	22815						[illegible]
2				13498	25857						[illegible]
			156[illegible]	84958	147537	8510					47500
3				12704	24336						6400
4				12704	5577		17797				6400
5				13498			24531				6800
6				15086			27417				7600
7				11910			21645				6000
8				11910			21645				6000
9				11910			5772	16632			5600
				89722	29913		118827	16632			44800
10				8734				16632			4800
11				12704				24192			6400
12				10322				19656			5200
13				11116				21168			5600
14				11910				22680			6000
15				9528				18144			[illegible]
16				9528				18144			5200
				73842				140616			37600
17				12704				24192			6400
18				12704				24192			6400
19				11116				21168			5600
20				12704				24192			6400
21				10322				19656			5200
22				12704				16128	5776		6400
23				9528				12096	4332		4400
				81782				141624	10108		[illegible]
24											
25											
26											
27				7940				10584	722	3409	4400
28		7518		12704				16128		974	6400
29		8692		12704				16128			6400
30		8055		11910				15120			6000
		24165		45258	174[illegible]	8510	[illegible]	57960	722	4383	[illegible]

Sub
1 7#/pk

SH
0067720

Date	a H W Bl	a & W Bl	487 Marathon	460 Pontiac Western H.W.	504 Prince Albert	397 Eddy	477 Calgary	361 H W Eddy	Brake
11 26			29707	1380					1400
27			24350	6440	6048				7600
28			5844	920	23184	12704			9600
29					20160	15880			5000
30					23184	18262			9600
12 1					20160	15880			[illegible]
2					22176	17468			[illegible]
			59901	8740	114912	80194			55000
3					8064	17468	13366		[illegible]
4						15880	19080		[illegible]
5						17468	20988		[illegible]
6						14292	17172		5400
7						14292	17172		6100
8						14292	17172		5400
9						9528	11448		3500
					8064	103220	116388		46300
10		Trials							
11		"				5558	6678		2100
12		Trials							
13		"							
14		"							
15						8734	10494		3600
16						12704	15264		4900
						26996	32436		1650
17				6900		2382	24327		6000
18				8740			27189		7600
19				4600			27189	3249	7600
20							28620	7220	8000
21						3176	28620	4342	[illegible]
22						7940	25620		7600
23						5161	18603		2900
				20240		18659	183168	14801	49900
24									
25									
26									
27						3970	14310		3300
28						5966	21465		1900
29						5558	20034		[illegible]
30						6749	24327		5100
						22232	80136		[illegible]

SA 067721

Bleached Pulps #11 — December [illegible]

Beater	Nuxpel	Sta Loc 730	Alpha Sizer	Tax Cars	Cabelle	Mpuc Pulp Yellow Cards	Ultra	Analoxy	Sizer	Ultra Cafe Clay	Clay	alum
6400							4750	800	240	800		[illegible]
7600							6650	950	230	750		1150
9600							7150	1150	340	1150		1755
8000							6000	1000	300	1000		1500
9600							6000	[illegible]	340	1150		1755
8000							4000	3000	300	1000		1500
8800							3500	3300	330	1100		1679
28000							38000	13450	2140	7150		10[illegible]
8800							4900	2250	330	1100		1684
8000							4000	[illegible]	300	1000		1962
8800				200			4800	2400	270	1300		[illegible]
5400		1350		7000			2700	1350		900		
6100		3000		11000								
5900		2300		10560								
3300		2250		7200								
116300		8900		36150			16400	8000	900	4300		5712
2100		700		4900								
3600		1100		6500								
4800		1600		11200								
10500		3400		22600								
6000		300		2100			1500	750	225	3750		899
7600							1900	950	285	4750		1137
7600							1900	950	285	4750		1139
8000							3000	1000	300	5000		1799
8000							2400	1400	840		3800	1199
7600							2650	2000	300		2000	1199
3900		1200		8750								
48700		1500		10850			12350	7050	2235	18250	5800	6774
3300		1000		8650								
1500		1500		12750								
1200		3750		8550								
5100		7450		7450								
7100		13700		37400								
[illegible]		27500		107100			16600	26500		27700	5800	[illegible]

58 867722

Neuphor Silt 8 7# per gal

Analysis

Brake	Appra Size	Calc Carb	Mapico yellow	Sodium Bicarb	Kta		Sil	Clay	Ultra Cate	alum	# / Stack
800					5800	1700	425		1700	[illegible]	[illegible]
1000					2500	1000	250		1000	654	[illegible]
400					4000	1600	400		1600	1046	[illegible]
400					4000	1600	400		1600	1046	
400					4000	1600	400		1600	1046	[illegible]
000					3500	1500	375		1750	781	
800					2250	1700	425		2550	1112	
12800					2650	1700	2675		1180	6518	[illegible]
400					2700	1600	400		2400	1046	[illegible]
400					2650	1600	400		2950	1046	
6800					2650	1800	425		3400	1112	[illegible]
7600					2350	1900	475		3800	1243	[illegible]
6000					3500	1500	375		3000	1057	[illegible]
000					4550	1500	375		3000	1145	[illegible]
5600					5250	1500	375		3000	1145	[illegible]
14800					23650	11400	2825		21550	7794	138[illegible]
1800					2700	1100	275		1600	840	—
1400					3200	1600	400		1600	1221	—
5200					2600	1300	325		1300	992	600
5600					3200	1400	350		1400	1215	600
000					3750	1500	375		1500	1390	1000
400					3900	1200	300			1112	1600
200					4500	1200	300			1112	—
7600					23860	7200	2375		7400	7582	[illegible]
400					6550	1350	400			1482	[illegible]
400					5600	1050	400		1000	1483	1600
5600					3500	2000	350		400	1297	[illegible]
400					4400	2400	400			1482	[illegible]
200					3900	1950	325			1204	[illegible]
400					1350	800	400	4800		1482	[illegible]
400					600		300	1200	2400	111[illegible]	[illegible]
800					25900	9550	2575	6000	3800	9542	144[illegible]
400					800		250	3000		927	1600
400					1250		400	4800		1482	—
400					800		400	4800		1482	
000					750		375		4500	1389	—
3200					3600		1425	12600	4500	5280	1600
1200					103000	40150	11850	18600	41550	37316	[illegible]

SH 867723

Bleached Pulps #10 December 1979

Date	A+W	537 Torrent H W	520 Crestbrook	397 Eddy	507 Superior	460 Pontiac Western H W	481 Weyerhauser	504 Prince Albert	361 Eddy	487 Marathon	Brake
11 26			15600	13498	10647	3910					6800
27				7940	15210	2300					4000
28				12704	24336	2300					6400
29				12704	24336						6400
30				12704	24336						6400
12 1				11910	22815						[illegible]
2				13498	25857						6800
			15600	84958	147537	8510					4[illegible]800
3				12704	24336						6400
4				12704	5577		17797				6400
5				13498			24531				6800
6				15086			27417				7600
7				11910			21645				6000
8				11910			21645				6000
9				11910			5772	16632			5600
				89722	29913		118807	16632			44800
10				8734				16632			4800
11				12704				24192			6400
12				10322				19656			5200
13				11116				21168			5600
14				11910				22680			[illegible]
15				9528				18144			[illegible]
16				9528				18144			5200
				73842				140616			37600
17				12704				24192			6400
18				12704				24192			6400
19				11116				21168			5600
20				12704				24192			[illegible]
21				10322				19656			5200
22				12704				16128	5776		640
23				9528				12096	4332		4400
				81782				141624	10108		[illegible]
24											
25											
26											
27				7940				10584	722	3409	4400
28		7518		12704				16128		974	6400
29		8592		12704				16128			6400
30		8055		11910				15120			6000
		24165		45258				57960	7[illegible]	4383	[illegible]
		[illegible]	[illegible]	[illegible]	17742	[illegible]	[illegible]	[illegible]			

SA 067724

Date	A H W Bl	A S W Bl	487 Marathon	460 Frontier Western H W	504 Prince Albert	397 Eddy	477 Calgar	361 H W Eddy	Brake
11 26			29707	1380					6400
27			24350	6410	6048				7600
28			5844	920	23184	12704			9600
29					20160	15880			[illegible]
30					23184	18262			9600
12 1					20160	15880			
2					22176	17468			[illegible]
			59901	8740	114912	80194			[illegible]
3					8064	17468	13356		[illegible]
4						15880	19080		[illegible]
5						17468	20985		[illegible]
6						14292	17172		[illegible]
7						14292	17172		[illegible]
8						14292	17172		5900
9						9528	11448		3300
					8064	103220	116388		46300
10		Trials							
11		"				5558	6678		2100
12		Trials							
13		"							
14		"							
15						8734	10494		3600
16						12704	15264		4800
						26996	32436		10500
17				6900		2382	24327		[illegible]
18				8740			27189		[illegible]
19				4600			27189	3249	7600
20							28620	7220	[illegible]
21						3176	28620	4332	[illegible]
22						7940	25620		[illegible]
23						5161	18603		3900
				20240		18659	183168	14801	[illegible]
24									
25									
26									
27						3970	14310		[illegible]
28						5966	21465		[illegible]
29						5558	20034		[illegible]
30						6749	24327		[illegible]
						22232	80136		[illegible]
						[illegible]		[illegible]	

SA 067725

Bleached Pulps #11 December 1974

Scribe	Sta Lite 130	Alpha Size	Cab Carb	Cabolite	Mapico Yellow	Solution Red	Attapulgite	Analog Zeolex	Size	Ultra Cafe Clay	Clay	alum
100							4750	800	240	800		1221
7600							6650	950	285	750		1450
7600							7150	1150	345	1150		1755
5000							6000	1000	300	1000		1526
9600							6000	[illegible]	345	1150		1755
000							4000	3200	300	1000		1531
800							3500	3300	330	1100		1679
200							3850	1350	245	7150		10 712
800							4900	2250	330	1100		1784
000							4000	2000	300	1000		1962
5800			200				1500	2400	270	1300		[illegible]
5400		1350	7200				2700	1350		900		
6100		3000	11000									
5900		2300	10560									
3300		2250	7200									
16300		8700	36150				16400	8000	900	4300		5712
2100		700	4900									
600		1100	6500									
1800		1600	11200									
500		3400	22600									
000		300	2100				1500	750	225	3750		899
600							1900	950	285	4750		1139
7600							1900	950	285	4750		1139
5000							2000	1000	300	5000		1199
000							2400	1400	840		3800	1199
7600							2650	2000	300		2000	1199
3900		1200	8750									
18700		1500	10850				12350	7050	2235	18250	5800	6774
300		1000	8650									
500		1500	12750									
200		3750	8550									
100		7450	7450									
00		13700	37400									
600		17500	101000				16500	2850	[illegible]	29700	5800	23373

SA 0677726

Pulps
Bales

December 1979

Date	397 Eddy	520 Crestbrook	507 Superior	460 Pontiac Western HW	487 Marathon	504 Prince Albert	481 Weyerhauser	477 Celgar	361 H.W. Eddy	[illegible] Lorenc
11.26	34	30	21	12	61					
27	20		30	19	50	12				
28	64		48	7	12	46				
29	72		48			40				
30	78		48			46				
12.1	70		45			40				
2	78		51			44				
	416	30	291	38	[illegible]	[illegible]				
3	76		48			16		28		
4	72		11				37	40		
5	78						51	44		
6	74						57	36		
7	66						45	36		
8	66						45	36		
9	54					33	12	24		
	486		59			49	247	244		
10	60					33		38		
11	62					48		30		
12	26					39		60	20	
13	28					42		48	16	
14	30					45		66	22	
15	46					36		49	9	
16	56					36		32		
	308					279		323	67	
17	38			15		48		51		
18	32			19		48		57		
19	28			10		42		57	9	
20	32					48		60	20	
21	34					39		60	12	
22	52					32		60	16	
23	37					24		39	12	
	253			44		281		384	69	
24										
25										
26										
27	30				7	21		30	2	
28	47				2	32		45		14
29	46					32		42		16
30	47					30		51		15
	170				9	115		168	2	45
	1633	30	350	82	13[illegible]	15[illegible]	247	1119	138	4[illegible]

SA 067727

Date	Waste	Brine Clean	Pulps	Storage Tank Acc	Stub Waste	Stub Cooler	Rej Prod	Good Prod	Storage Tank Ady	Total Raw Mat	[illegible]	[illegible]
74	11 26	6400	37677	7450	500	—	1250	37955	—	44[illegible]	[illegible]	[illegible]
895	27	7600	45673	7450	700	—	—	54[illegible]	—	53[illegible]	[illegible]	[illegible]
976	28	9600	52447	7450	4050	1150	—	42670	—	62047	[illegible]	[illegible]
1017	29	8000	44340	7450	3130	1200	[illegible]	44435	—	52340	[illegible]	[illegible]
977	30	9600	52191	6200	5220	770	—	43[illegible]	+ 1250	63041	[illegible]	[illegible]
935	12 1	7000	44370	6200	5200	—	2430	37765	—	50340	[illegible]	[illegible]
970	2	8800	47874	6200	500	—	—	[illegible]	—	56[illegible]	[illegible]	[illegible]
773		58[illegible]	[illegible]542		1930[illegible]	[illegible]	4960	21331[illegible]	+ 1250	83[illegible]	[illegible]	[illegible]
078	3	8800	47468	6200	[illegible]	[illegible]	[illegible]	43335	—	61[illegible]	[illegible]	[illegible]
030	4	8000	42[illegible]60	6200	1650	[illegible]	—	48[illegible]	—	50360	[illegible]	[illegible]
913	5	[illegible]	47[illegible]	6200	1950	2495	—	43630	—	56[illegible]	[illegible]	[illegible]
899	6	5400	44964	6200	12550	820	910	25180	—	50364	39[illegible]	753
091	7	6100	45464	6200	1400	—	—	40500	—	51564	41700	813
942	8	5900	44314	6200	1350	—	—	42870	—	50214	44[illegible]	881
1015	9	3300	30426	6200	2750	—	—	27765	—	33726	30515	70
784		46300	302[illegible]2		24000	8105	3310	271875	—	348[illegible]	[illegible]	[illegible]
814	10	6000	38512	6200	2460	—	3080	27440	—	44512	32780	741
1063	11	4200	35470	6200	5750	—	—	32280	—	39670	38030	957
1066	12	—	40070	6200	6690	—	8855	5505	—	40070	21050	525
1084	13	—	32280	6200	14400	—	—	14860	—	32280	[illegible]7260	706
1032	14	—	44385	6200	900	—	—	36910	—	44385	37[illegible]0	85
889	15	3600	44986	6200	4150	—	—	28850	—	48586	33[illegible]	679
1185	16	4800	40768	6200	1550	—	—	42140	—	45568	43[illegible]	95
1025		186[illegible]	276471		35700	—	11935	187985	—	295071	235820	77
938	17	5400	42234	6200	3200	1500	—	36030	—	47634	40730	85
834	18	7600	43814	6200	400	2630	—	46840	—	51414	49[illegible]	97
1081	19	7600	42923	4950	1600	2470	—	42630	+ 1250	51773	46700	90
543	20	8000	44140	4950	700	[illegible]490	—	45130	—	52140	48320	92
956	21	8000	44568	4950	4200	1550	3720	36925	—	52568	46[illegible]	88
1032	22	7600	43510	4950	400	—	5150	38780	—	51110	44330	86
1168	23	3900	33714	4950	2950	—	9400	18290	—	37614	24640	65
784		48100	[illegible]9493		13450	10640	12270	264625	+ 1250	344[illegible]3	300785	[illegible]
	24	Holiday										
	25	"										
	26	"										
723	27	3300	27930	4950	800	—	4700	14120	—	31230	19620	63
1024	28	4500	41670	4950	3000	—	2515	33200	—	46170	38715	83
540	29	4200	37872	4950	2050	—	—	38825	—	42092	[illegible]	[illegible]
106	30	5100	45976	—	800	—	—	40920	+ 4950	56026	41720	74
795		17100	153468		6650	—	7215	127065	+ 4950	175518	140930	80
190		18[illegible]	1351756		79300	21265	39670	1164325	+ 7450	1547[illegible]	[illegible]	[illegible]
	Trials	8100	191039		29260	—	11985	114215		199139	155409	
		180[illegible]	1160667		70050		27755	1050[illegible]		1348117	[illegible]	16

SH

067728

December 1977
#10

Date	Broke Used	Pulps	Storage Tank Inv	Slab Waste	Stub Rolls	Rep Prod	Good Prod	Storage Tank Adj	Total Raw Mat	Gross Prod	% Ret
11 26	6800	55[illegible]90	8000	3500	2100	9570	37080	—	62080	5[illegible]50	[illegible]
27	4000	32600	8000	4700	—	1000	27060	—	36600	32760	[illegible]
28	6400	49340	8000	1100	—	1980	51340	—	55740	54420	[illegible]
29	6400	46240	8000	2600	—	—	50920	—	52640	53520	1017
30	6400	48540	6400	1300	—	—	53920	+ 1600	56540	55220	977
12 1	6000	43850	6400	3950	5850	—	41810	—	49850	51610	[illegible]
2	6800	47280	6400	800	8970	—	48100	—	54080	57870	[illegible]
	42800	323130		17950	167[illegible]	12550	310[illegible]	+ 1600	367530	357650	973
3	6400	47740	6400	550	3840	—	50750	—	54140	55110	1018
4	6400	44278	6400	1200	—	2600	48400	—	50678	52200	1030
5	6800	48904	6400	6270	1000	2060	41550	—	55704	50880	[illegible]
6	7600	53228	6400	2700	6050	—	45920	—	60828	54670	899
7	6000	42930	6400	2900	5550	1200	43750	—	48930	53400	1091
8	6000	44580	6400	4960	2900	10530	29290	—	50580	47670	942
9	5600	46639	6400	5550	2300	6690	38480	—	52239	53020	[illegible]
	44800	328299		24120	21640	23080	298110		373099	366950	984
10	4800	31041	6400	2950	1200	3790	21230	—	35841	29170	814
11	6400	43696	6400	1500	2400	—	49350	—	50096	53250	1063
12	5200	36103	6400	2050	1900	2350	37730	—	41303	44030	[illegible]
13	5600	39234	6400	2700	2200	10790	32930	—	44834	48620	1084
14	6000	42715	6400	1200	2400	—	46665	—	48715	50265	1032
15	4400	34672	6400	550	1200	12620	20380	—	39072	34750	889
16	[illegible]	33672	6400	[illegible]	4360	—	39360	—	38872	46070	1185
	37600	[illegible]1133		13300	15660	27550	[illegible]7645	—	298733	306155	1025
17	6400	47996	6400	1100	5880	—	44060	—	54396	51040	938
18	6400	46546	6400	8750	4100	—	31320	—	52946	44170	834
19	5600	40334	6400	1000	5790	4020	38850	—	45934	49660	1081
20	[illegible]	46692	6400	2300	5910	—	41860	—	53096	50070	943
21	[illegible]	37353	6400	1500	4790	1270	33140	—	42553	40700	956
22	6400	43558	6400	5800	—	4080	41680	—	49958	51560	[illegible]
23	4400	33256	6400	800	—	—	43200	—	37656	44000	1168
	40800	295739		21250	[illegible]470	7370	274110	—	336539	331200	984
24	[illegible]										
25											
26											
27	4400	28305	6400	3200	—	—	20460	—	32705	23660	[illegible]
28	6400	43774	6400	1100	—	—	50300	—	50174	51400	[illegible]
29	6400	43424	6400	300	—	—	51500	—	49824	51800	[illegible]
30	6000	40710	6400	600	—	1940	49100	—	46710	51640	1106
	[illegible]	156[illegible]		[illegible]	—	1940	171360	—	179413	178500	995
	[illegible]	[illegible]		[illegible]		[illegible]	[illegible]		[illegible]	[illegible]	

SA 067729

Trials

January 1980
#100

Date		Prince Albert	P George	Cariboo	Champion	Amelia	Calc Carb	Tita	Broke
12	31								
1	1								
	2								
	3								
	4								
	5								
	6								
	7								
	8								
	9								
	10								
	11								
	12								
	13								
	14								
	15								
	16								
	17								
	18								
	19								
	20								
							10-1031		15340#
	21	1512	11680	10604	2550	1650	550	4400	4000
	22								
	23								
	24								
	25								
	26								
	27								
		1512	11680	10604	2550	165[illegible]	550	4400	4000
		[illegible]	116[illegible]	[illegible]	[illegible]	165[illegible]	550	440[illegible]	4[illegible]

SA 067730

Trials

January 1980
#11

Broke	Date	Weyerhauser	Pontiac	Champion	Alzar	Crestbrook	Mapeco Eyelid	Alphasize	Cab Case	Alum	Brook
	12 31										
	1 1										
	2										
	3										
	4										
	5										
	6										
	7										
	8										
	9										
	10										
	11										
	12										
	13										
	14										
	15								[illegible]		11-1[illegible]
	16	5772	920	1018	11448		2100	213		[illegible]	[illegible]
	17										
	18										
	19										
	20										
#		5772	920	1018	11448		2100	213		[illegible]	[illegible]
4000	21										
	22										
	23						11-	1085		[illegible]	
	24				3816	4160			3600		[illegible]
	25										
	26										
	27										
1000					3816	4160			36[illegible]		900
		577[illegible]	9[illegible]	1018	15[illegible]44	4160	21[illegible]	21[illegible]		[illegible]	

SA 067731

30	Nauphor size 8.7# per gal	8.7# per gal					Analy & Ziolly						#10 Starch
Broke		Alpha Size	Calc Carb	Magnesium Silicate	Pulp	Recov	Ita		Size	clay	Ultra Cote	alum	
400							800		400		4800	1417	700
400							800		400		4800	1395	
800							850		425		5100	1482	
800							1400		425		5100	1482	
400							1600		400		4800	1395	
000							2350		500		6000	1744	1800
600							1900		475		5650	1656	
400							9700		3025		36250	10571	4000
000							1400		400		4800	1395	
000							5300	2250	355			1308	
400							4600	2400	345			1395	1600
000							3750	2250	365			1308	
800							1400	450	400		3900	1396	
000							750		375		4500	1308	500
400							800		400	3500	2100	1396	600
13600							18000	7350	2440	3500	15300	9506	8000
400							850		425	1950	4000	1482	1000
6400							1750	750	375		3750	1308	1600
7200							2350	550	450	200	4650	1567	2200
8000							1850	200	500		6100	1744	1600
7600							450		475		7100	1657	2600
000							1000		500		8000	1744	1200
7600							1000		500		8000	1744	1200
7200							9250	1500	3225	2150	41600	11248	11600
1000							2000	1100	143		1000	703	1200
400							2460	1600	200		3200	1134	1200
7600							1500	1900	238		4600	1346	1200
6400							3450	2100	326		1800	1286	1600
6400							4800	2400	400			1657	2400
6000							4500	2250	375			1308	
6000							4500	2250	350			1308	
12800							23150	13600	2031		10600	8742	8800
6000							80100	22450	10921	5650	103150	40067	5[illegible]

SA 067732

Bleached Pulps #10 January 1980

Date	a HW	504 Prince Albert	397 So Eddy	537 SW Forest	509 Champion	467 Prince George	477 Calgary	482 Caribou	Broke
1231		16128	12704	8592					6400
11		16128	12704	8592					6400
2		17136	13498	9139					6800
3		17136	13498	5370	3563				6800
4		16128			8144	14944			6400
5		20160			10180	18680			8000
6		19152			9671	17746			7600
		121968	52404	31683	31558	51370			18400
7		16128			8144	14944			6000
8		22680				14010			6000
9		24192				14944			6400
10		22680				14010			6000
11		17640			6617	14944			6800
12		15120			7635	14010			6000
13		4032			8144	14944	11448		6400
		122472			30540	101806	11448		43600
14					8653	15878	16218		6400
15						21015	14310		6400
16					3563	21949	9540	7762	7200
17					10180	18680		19280	8000
18					9671	17746		18316	7600
19					10180	18680		19280	8000
20					10180	18680		19280	7600
					52427	132628	40068	83868	51200
21		11088			2545		8586		4000
22		16128			8144		15264		6400
23		19152			9671		18126		7600
24		6048			3054	14010	15264		6400
25						22416	15264		6400
26						21015	14310		6000
27						21015	14310		6000
		52416			23414	78456	101124		42800
		[illegible]	[illegible]	31683	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

SA 067733

Date	a HW Bl	a SW Bl	509 Champion	Fordson Western HW	Prince Albert	397 Eddy	477 Calgary	361 HW Eddy	481 Weyerhauser	520 Creatbrook	Broke
12 31						5955	21465				4500
11						5558			20202		3400
2						4764			17316		3400
3						3573			12987		2700
4			6108			1588			23088		6100
5			11198						31746		8800
6			10180						28860		8000
			27486			21438	21465		134199		37900
7			10180						28860		8000
8			8653			794			27417		7600
9						7543			27417		6600
10						4764			17316		3600
11						3573			12987		2700
12						5161			18759		3900
13						5161			18759		3300
			18833			26996			151515		35700
14						6749			24531		5400
15						5161			18759		3600
16	Trucks										
17							24804			14560	6300
18							18126			19760	7600
19							17172			18720	7200
20							16218			17680	5500
						11910	76320		43290	70720	35600
21							15264			16640	4800
22							15264			16640	4800
23							13356			14560	[illegible]
24							7632			8320	2400
25							11448			12480	5200
26							12492			13520	[illegible]
27							15264			16640	6400
							90630			98800	33000
			46519			[illegible]	158415		[illegible]	[illegible]	14[illegible]

SA 867734

Bleached Pulps # 11 January 1980

[illegible]	Dispalita	Beta 130	alpha Sizer	Calc Carb	Cassett	Supra yellow	Sodium Bicarb	Beta	Analiz & zyme	Size	ultra Cra clay	clay	alum
[illegible]0	8750			4950									
[illegible]00	12700												
[illegible]0	12200												
[illegible]00	9400												
[illegible]00	4000							600		300	3600		850
[illegible]00								400		550	9150		1567
[illegible]00								1200	600	500	8800		1417
[illegible]900	47050			4950				[illegible]	600	1350	[illegible]		3816
[illegible]00								200	300	500	7000		1417
[illegible]600								950	100	460	7350		1346
[illegible]00	1700			7750				1200	450	225	3600		638
[illegible]600	2400			7800									
[illegible]700	1800			5850									
[illegible]900	2600			8450									
[illegible]300	2600			8450									
[illegible]700	11100			38300				2350	850	1185	17950		3401
[illegible]400	1850			7700									
[illegible]600	1300			6500									
[illegible]300			425			4000							654
[illegible]600			497			3800							621
[illegible]00			536			3600							774
[illegible]500	1200		149	9600		1000							218
[illegible]5600	4350		1607	23800		12400							2267
[illegible]800	500			13900									
[illegible]800				14750									
[illegible]200				12600									
[illegible]400				7200									
[illegible]200			264			2500							523
[illegible]200			332			2600							763
[illegible]400			408			3200							872
[illegible]000	500		1004	48450		8300							2158
[illegible]	[illegible]		2611	115500		[illegible]		4550	1450	[illegible]	39500		1165

SH 8677235

Pulps Bales January 1980

Date	504 Prince Albert	397 S W Eddy	537 S W Forest	477 Celgar	361 N W Eddy	481 Weyerhauser	509 Champion	467 Prince George	482 Cariboo	460 Pontiac	520 Crestbrook
12 31	32	47	16	45							
1 1	32	46	16			42					
2	34	46	17			36					
3	34	43	10			27	7				
4	32	4				48	28	32			
5	40					66	42	40			
6	38					60	39	38			
	242	186	59	45		279	116	110			
7	32					60	36	32			
8	45	2				57	17	30			
9	48	19				57		32			
10	45	12				36		30			
11	35	9				27	13	32			
12	30	13				39	15	30			
13	8	13		24		39	16	32			
	243	68		24		315	97	218			
14		17		34		51	17	34			
15		13		30		39		45			
16				44		12	9	47	16	2	
17				52			20	40	40		20
18				38			19	38	38		38
19				36			20	40	40		36
20				34			20	40	40		34
		30		268		102	105	284	174	2	136
21	25			50			10	25	22		32
22	32			64			16				32
23	38			66			19				28
24	12			56			6	30			24
25				56				48			24
26				56				45			26
27				62				45			32
	107			410			51	193	22		198
	59[illegible]	2[illegible]4	59	747		696	367	805	196	2	331

SA 067736

January 1980
#11

Date	Broke Wood	Pulpe	Storage Tank Ho	Slab Waste	Slab Rocks	Rej Pole	Good Pole	Storage Tank Ady	Total Pole Mill	[illegible]	[illegible] Pct
12 31	4500	41120	—	1900	—	—	35840	—	45620	[illegible]	[illegible]
1 1	3900	38460	—	1200	—	—	35185	—	42360	[illegible]	[illegible]
2	3900	34280	—	3900	—	—	26935	—	38180	[illegible]	[illegible]
3	2700	25960	—	1900	—	—	15540	—	28660	[illegible]	[illegible]
4	6100	39284	—	1000	1800	4580	26245	—	45384	[illegible]	[illegible]
5	8800	53044	—	600	4200	—	52365	—	61844	[illegible]	[illegible]
6	8000	50140	—	3950	1190	—	44265	—	58140	[illegible]	[illegible]
	37900	282288		14450	7190	45[illegible]	236375	—	320185	[illegible]	[illegible]
7	8000	47046	—	600	7110	—	45270	—	56046	[illegible]	[illegible]
8	7600	45724	—	1560	6905	—	43225	—	53324	[illegible]	[illegible]
9	6600	49885	—	—	1210	2600	29735	—	56485	[illegible]	[illegible]
10	3600	32280	—	5700	—	8575	13910	—	35880	[illegible]	[illegible]
11	2700	24210	—	1750	—	—	21380	—	26910	[illegible]	[illegible]
12	3900	34970	—	6050	—	4780	24720	—	38870	35550	91.5
13	3300	34970	6200	7650	—	6290	20160	-(6200)	32070	34100	106.3
	35700	269079		23300	15[illegible]	22[illegible]45	198400	-(6200)	298577	257170	86.8
14	5400	40830	6200	2850	—	4000	25640	—	46230	[illegible]	70.3
15	3600	31720	6200	1800	—	—	38120	—	35320	39720	113.0
16	3000	21471	6200	2000	—	2940	—	—	24471	4940	20.2
17	6300	43789	6200	4580	—	7040	30010	—	50089	[illegible]	[illegible]
18	7600	42183	6200	1400	—	—	40230	—	49783	41630	83.6
19	7200	40028	6200	1950	—	—	37065	—	47228	[illegible]	[illegible]
20	5500	45847	6200	4200	—	1940	25440	—	51347	31580	61.5
	38600	265868		18780	—	15920	196505	—	304468	231205	75.9
21	4800	46304	6200	3750	—	—	29625	—	51104	33375	65.3
22	4800	46654	6200	4500	—	—	36400	—	51454	40900	79.5
23	4200	40516	6200	2250	—	—	37490	—	44716	[illegible]	[illegible]
24	3300	34728	6200	1700	—	—	34105	—	38028	35805	94.2
25	5200	26692	6200	8295	—	10480	—	—	31892	[illegible]	58.7
26	5200	28854	6200	9000	—	5015	18830	—	34054	[illegible]	96.5
27	6400	35512	—	1700	—	4450	25990	+ 6200	48162	[illegible]	66.8
	33900	259260		31195	—	19945	182440	+ 6200	279360	233580	78.0
	146100	1076495		87725	[illegible]	[illegible]	813720	—	[illegible]	[illegible]	[illegible]
Totals	3900	33047		2800		2940	2215		36947	7955	
	142200	1043448		84925		59750	811505		1115648	[illegible]	[illegible]

SA 067737

January 1980
#10

Date	A Broke Used	B Pulps	Storage Tank Inv	C Slab Waste	D Stub Rolls	E Ry Prod	F Good Prod	G Storage Tank Adj	A+B+C Total Raw Mat	C+D+E+F Gross Prod	% Ret
12 31	6400	44124	6400	1000	—	—	46760	—	50524	47760	94 5
1 1	6400	43424	6400	200	—	—	54920	—	49824	55120	110 6
2	6800	46738	6400	5100	—	5545	37805	—	53538	48450	90 5
3	6800	47392	6400	500	—	—	52380	—	54192	52880	97 8
4	6400	46016	6400	2820	—	—	51580	—	52416	54400	103 8
5	8000	59670	6400	700	—	1900	51820	—	67670	54420	80 4
6	7600	54594	6400	2100	—	—	51670	—	62194	53770	86 5
	48400	341958		12420	—	7445	346935	—	390358	366800	94 0
7	6000	49216	6400	1800	—	8760	43970	—	55216	54530	98 8
8	6000	46195	6400	1100	6000	—	34900	—	52195	42900	80 5
9	6400	48081	6400	1700	6640	2400	38560	—	54481	49300	90 5
10	6000	43056	6400	2350	7540	2230	39985	—	49055	52105	106 2
11	6800	45351	6400	6200	1700	1110	39345	—	52151	48355	92 7
12	6000	43190	6400	300	2700	1860	53835	—	49190	58695	119 3
13	6400	45968	8000	200	4250	—	55980	-(1600)	50768	60430	119 0
	43600	321056		13650	28830	16360	306575	-(1600)	363056	365415	100 7
14	6400	49174	8000	200	5300	—	54640	—	55574	60140	108 2
15	6400	43550	8000	1250	9040	—	32280	—	49950	42570	85 2
16	7200	53164	8000	700	8350	—	43670	—	60364	52720	87 3
17	8000	58390	8000	3100	4880	—	46645	—	66390	54625	82 3
18	7600	56358	8000	1900	5300	540	57255	—	63958	64995	101 6
19	8000	58840	8000	400	3200	—	63420	—	66840	67020	100 3
20	7600	58840	8000	600	3300	550	60245	—	66440	64695	97 4
	51200	378316		8150	39370	1090	358155	—	429516	406765	94 7
21	8000	60608	8000	1200	3320	6040	36270	—	68608	46830	68 3
22	6400	48136	6400	1000	3010	4920	49655	+ 1600	56136	58585	104 4
23	7600	56387	6400	200	3690	—	54110	—	63987	58000	90 6
24	6400	47651	6400	1600	—	5160	50540	—	54051	57300	106 0
25	6400	47680	6400	1700	—	2600	44540	—	54080	48840	90 3
26	6000	42450	6400	5100	—	1400	42880	—	48450	49380	101 9
27	6000	43625	6400	3400	—	1400	45440	—	49625	50240	101 2
	46800	346537		14200	10020	21520	323435	+ 1600	394937	369175	93 5
	190000	[illegible]		[illegible]	[illegible]	46415	[illegible]	—	[illegible]	[illegible]	[illegible]
Trials	4000	32946			300	4500	15340		36946	20140	
	186000	354921			77920	41915	1319760		[illegible]	148801	[illegible]

SA 067738

Trials

February 1980
#10

Date	
1	28
	29
	30
	31
2	1
	2
	3
	4
	5
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	7
	8
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	22
	23
	24

5A 067739

Treals February 1980
#11

Date	Weyerhauser Crestbrook	Calc Carb	Ultimate	Tota	Brake
1 28					
29					
30					
31					
2 1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
					11.1105
11	7808 8272	800	2400	4800	2400
12					
13					
14					
15					
16					
17					
	7808 8272	800	2400	4800	2400
18					
19					
20					
21					
22					
23					
24					
	7808 8272	800	2400	4800	[illegible]

SA 067740

	Neuphor Size 8 7# per gal	8½# per gal				Ansilex & Zeolex						#10 starch
rake		Alpha Size	Calc Carb	Magnesium Yellow	Sodium Bicarb	Tita		Size	Clay	Ultra Cote	alum	
600						4500	2250	375			1308	[illegible]
800		213				2400	1200	75			698	[illegible]
400		213				6900	3450	450			2006	[illegible]
000		340				2300	900	150		2400	1221	1200
400						3850	2400	350			1395	180
400						3200	2400	320			1395	1200
000						3000	2050	300			1308	1200
800						3400	1700	340			1482	600
1600		340				15750	9450	1460		2400	6801	6000
600						2100	1400	280			1221	2400
400						3700	1600	320			1395	—
200						3200	900	180			785	1800
200						9000	3900	780			3401	4200
00		553				31650	16800	2690		2400	12208	114[illegible]

SA 067741

Bleached Pulps # 10 February 1980

Date	AHW	ASW	467 Prince George	475 Celgar	481 Prince Albert	460 Pontiac	509 Champion			Broke
1 28			21015	6650	7696	1380				5600
29			11208		7696	460				7800
30										
31										
21										
3										
			32223	6650	15392	1840				8400
4										
5										
6			15878		13468		4072			6000
7			22416		15392					6400
8			22416		15392					6400
9			21015		14430					6000
10			23817		16354					6800
			105542		75036		4072			31600
11			19614		13468					5600
12			22416		15392					6400
13			12609		8658					3200
14										
15										
16										
17										
			54639		37518					15:00
18										
19										
20										
21										
22										
23										
24										

Date		a HW Be	a SW Be	488 Weyerhaeuser	517 Crestbrook						Broke
1	28			14640	15510						6000
	29			10736	11374						4000
	30										
	31										
2	1										
	2 3										
				25376	26884						10000
	4 5										
	6			14640	15510						4800
	7			15616	16544						4800
	8			15616	16544						4800
	9			15616	16544						4900
	10			15616	16544						4800
				77104	81686						24000
	11			4880	5170						1800
	12			14640	15510						4500
	13			10736	11374						3000
	14 15										
	16										
	17										
				30256	32054						9300
	18										
	19 20										
	21										
	22										
	23										
	24										
				[illegible]	[illegible]						

Bleached Pulps #11 February 980

...ke		Dayal	Sta Loc 130	Alpha Size	Calc Carb	Cabolite	Mapico yellow	Sodium Bicarb	Tela	Ansilex & zeolite	Size	ultra Cote Clay	clay	alum
...00				382			3000							916
...00				281			2200							719
00				663			5200							1635
800			750		3500									
800			800		3200									
1800			800		3200									
1800			450		8100									
1800					14400									
1000			2800		32400									
800					4450									
1500					12750									
000					8800									
300					26000									
300			2800	663	5840		5200							1635

SA 067744

Neuphor Size 8 7# per gal	8½# per gal				Ansilex & zeolex						#10 starch
...ake	Alpha Size	Calc Carb	Magnesium Gallium	Sodium Bicarb	Tela		Size	Clay	Ultra Cote	alum	
...00					4500	2250	375			1308	[illegible]
...00	213				2400	1200	75			698	[illegible]
...00	213				6900	3450	450			2006	[illegible]
...00	340				2300	900	150		2400	1221	1200
...400					3850	2400	350			1395	1800
...400					3200	2400	320			1395	1200
...000					3000	2050	300			1308	1200
...800					3400	1700	340			1482	600
...1600	340				15750	9450	1460		2400	6801	6000
...600					2100	1400	280			1221	2400
...400					3700	1600	320			1395	—
...200					3200	900	180			785	180
...00					9000	3900	780			3401	4200
...00	553				31650	16800	2690		2400	12208	[illegible]

SA 067745

Bleached Pulps # 10 February 1980

Date	AHW	ASW	467 Prince George	475 Celgar	481 Prince Albert	460 Pontiac	509 Champion			Brok
128			21015	6650	7696	1380				5600
29			11208		7696	460				2800
30										
31										
21										
3										
			32223	6650	15392	1840				8400
4										
5										
6			15878		13468		4072			6000
7			22416		15392					6400
8			22416		15392					6400
9			21015		14430					6000
10			23817		16354					6800
			105542		75036		4072			31600
11			19614		13468					5600
12			22416		15392					6400
13			12609		8658					3200
14										
15										
16										
17										
			54639		37518					15[illegible]
18										
19										
20										
21										
22										
23										
24										

SA 867746

Date	a H W Be	a S W Be	488 Weyerhaeuser	517 Crestbrook	Broke
1 28			14640	15510	6000
29			10736	11374	4000
30					
31					
2 1					
2					
3					
			25376	26884	10000
4					
5					
6			14640	15510	4800
7			15616	16544	4800
8			15616	16544	4800
9			15616	16544	4800
10			15616	16544	4800
			77104	81686	24000
11			4880	5170	1800
12			14640	15510	4500
13			10736	11374	3000
14					
15					
16					
17					
			30256	32054	9300
18					
19					
20					
21					
22					
23					
24					
			[illegible]	[illegible]	[illegible]

5A 067747

Bleached Pulps #11 February 1980

coke		Daycal	Sta Roc 130	Alpha Size	Calc Carb	Cabolite	Mexico yellow	Sodium Bicarb	Tela	Ansilex & zeolite	Size	ultra Cote Clay	clay	alum
00				382			3000							916
00				281			2200							719
00				663			5200							1635
800			750		3500									
800			800		3200									
1800			800		3200									
1800			450		8100									
1800					14400									
1000			2800		32400									
800					4450									
1500					12750									
000					8800									
300					26000									
300			2800	663	58400		5200							1635

SA 067748

...ake	Neuphor Size 8.7# per gal	Alpha Size 8½# per gal	Calc Carb	Mapico Yellow	Sodium Bicarb	Ansilex & Zeolex Tela		Size	Clay	Ultra Carb	Alum	#10 Starch
[illegible]00						4600	2250	375			1308	[illegible]
[illegible]00		213				2400	1200	75			698	[illegible]
[illegible]		213				6900	3450	450			2006	[illegible]
[illegible]00		340				2300	900	150		2400	1221	1200
[illegible]400						3850	2460	350			1395	[illegible]
[illegible]400						3200	2400	320			1395	1200
[illegible]000						3000	2050	300			1308	1200
[illegible]800						3400	1700	340			1482	600
1600		340				15750	9450	1460		2400	6801	6000
[illegible]00						2100	1400	280			1221	2100
[illegible]400						3700	1600	320			1395	—
[illegible]200						3200	900	180			785	1800
[illegible]00						9000	3900	780			3401	4[illegible]
[illegible]		553				3160	16800	2610		2400	12208	[illegible]

Bleached Pulps # 10 February 1980

Date	AHW	ASW	467 Prince George	475 Calgar	481 Prince Albert	460 Pontiac	509 Champion	Brok.
28			21015	6650	7696	1380		5600
29			11208		7696	460		2800
30								
31								
21								
2								
3								
			32223	6650	15392	1840		8400
4								
5								
6			15878		13468		4072	6000
7			22416		15392			6400
8			22416		15392			6400
9			21015		14430			6000
10			23817		16354			6800
			105542		75036		4072	31600
11			19614		13468			5600
12			22416		15392			6400
13			12609		8658			3200
14								
15								
16								
17								
			54639		37518			15:00
18								
19								
20								
21								
22								
23								
24								

SA 867750

Date	@ HW Be	@ 8:40 Be	488 Weyerhaeuser	517 Crestbrook					Broke
1-28			14640	15510					6000
29			10736	11374					4000
30									
31									
2-1									
3									
			25376	26884					10000
4									
5									
6			14640	15510					4800
7			15616	16544					4800
8			15616	16544					4800
9			15616	16544					4800
10			15616	16544					4800
			77104	81686					24000
11			4880	5170					1800
12			14640	15510					4500
13			10736	11374					3000
14									
15									
16									
17									
			30256	32054					7300
18									
19									
20									
21									
22									
23									
24									

SA 867751

Bleached Pulp #11 February 980

…ke		Dyal	Sta Loc 130	Alpha Size	Calc Carb	Cabolite	Mapico yellow	Sodium Bicarb	Tala	Amalt & Zeolite	Size	Ultra Cote Clay	clay	alum
00				382			3000							916
00				281			2200							719
00				663			500							1635
700			750		3500									
200			800		3200									
300			800		3200									
800			450		8100									
800					14460									
1000			2800		32400									
00					4450									
500					12750									
00					8800									
00					26000									
			2800	663	5244		5200							1635

5A 0677752

	Neuphor Size 8 7# per gal	8½# per gal				Ansilex & Zeolex						#10 starch
rake		Alpha Size	Calc Carb	Magnesium Yellow	Sodium Bicarb	Teta		Size	Clay	Ultra Cote	alum	
600						4600	2250	375			1308	[illegible]
800		213				2400	1200	75			698	[illegible]
100		213				6900	3450	450			[illegible]	[illegible]
000		340				2300	900	150		2400	1221	1200
400						3850	2400	350			1395	18[illegible]
400						3200	2400	320			1395	1200
000						3000	2050	300			1308	1200
800						3400	1700	340			1482	600
1600		340				15750	9450	1460		2400	6801	600
600						2100	1400	280			1221	2400
400						3700	1600	320			1395	—
200						3200	900	180			785	1800
200						9000	3700	780			3401	42[illegible]
00		553				31150	16800	2690		2400	12208	[illegible]

SA 067753

Bleached Pulps # 10 February 1980

Date	AHW	ASW	467 Prince George	475 Celgar	481 Prince Albert	460 Pontiac	509 Champion	Broke
1 28			21015	6650	7696	1380		5600
29			11208		7696	460		2800
30								
31								
2 1								
2								
3								
			32223	6650	15392	1840		8400
4								
5								
6			15878		13468		4072	6000
7			22416		15392			6400
8			22416		15392			6400
9			21015		14430			6000
10			23817		16354			6800
			105542		75036		4072	31600
11			19614		13468			5600
12			22416		15392			6400
13			12609		8658			3200
14								
15								
16								
17								
			54639		37518			15[illegible]00
18								
19								
20								
21								
22								
23								
24								

[illegible] 665 [illegible] [illegible] 4[illegible]

SA 067754

Date	a H W Be	a S W Be	488 Weyerhaeuser	517 Crestbrook						Broke
1 28			14640	15510						6000
29			10736	11374						4000
30										
31										
2 1										
2										
3										
			25376	26884						10000
4										
5										
6			14640	15510						4800
7			15616	16544						4800
8			15616	16544						4800
9			15616	16544						4800
10			15616	16544						4800
			77104	81686						24000
11			4880	5170						1800
12			14640	15510						4500
13			10736	11374						3000
14										
15										
16										
17										
			30256	32054						7300
18										
19										
20										
21										
22										
23										
24										
			[illegible]	140[illegible]						

SH 867755

Bleached Pulp #11 — February 1980

...ke			Dispal	Sta Loc 130	Alpha Size	Calc Carb	Cobalt	Mexico yellow	Sodium Bicarb	Tala	Anabt & Yelot	Size	Ultra Cote Clay	clay	alum
00					382			3000							916
00					281			2200							719
00					663			5500							1635
?00				750		3500									
?00				800		3200									
800				800		3200									
800				450		8100									
800						14400									
1000				2800		32400									
00						4450									
500						12750									
00						8800									
00						26000									
50				2800	663	58400		5500							1635

SR 0677756

10	Neuphor Size 8 7# per gal			8½# per gal				Ansilex & Zeolex						#10 starch
Brake				Alpha Size	Calc Carb	Magnesium Yellow	Sodium Bicarb	Tita		Size	Clay	Ultra Cote	alum	
600								4600	2250	375			1308	600
800				213				2400	1200	75			698	[illegible]
400				213				6900	3450	450			2006	[illegible]
6000				340				2300	900	150		2400	1221	1200
6400								3850	2400	350			1395	1800
6400								3200	2400	320			1395	1200
6000								3000	2050	300			1308	1200
6800								3400	1700	340			1482	600
21600				340				15750	9450	1460		2400	6801	6000
5600								2100	1400	280			1221	2400
6400								3700	1600	320			1395	—
3200								3200	900	180			785	1800
5200								9000	3900	780			3401	4200
200				553				51650	16800	2670		2400	12208	[illegible]

SA 067757

Bleached Pulps # 10 February 1980

Date	AHW	A&W	467 Prince George	475 Celgar	481 Prince Albert	460 Pontiac	509 Champion	Broke
1 28			21015	6650	7696	1380		5600
29			11208		7696	460		2800
30								
31								
2 1								
2								
3								
			32223	6650	15392	1840		8400
4								
5								
6			15878		13468		4072	6000
7			22416		15392			6400
8			22416		15392			6400
9			21015		14430			6000
10			23817		16354			6800
			105542		75036		4072	31600
11			19614		13468			5600
12			22416		15392			6400
13			12609		8658			3200
14								
15								
16								
17								
			54639		37518			15200
18								
19								
20								
21								
22								
23								
24								
			[illegible]	6650	[illegible]	[illegible]	4072	

SA 067758

Date	a H W Be	a S W Be	488 Weyerhaeuser	517 Crestbrook	Broke
1 28			14640	15510	6000
29			10736	11374	4000
30					
31					
2 1					
2					
3					
			25376	26884	10000
4					
5					
6			14640	15510	4800
7			15616	16544	4800
8			15616	16544	4800
9			15616	16544	4800
10			15616	16544	4800
			77104	81686	24000
11			4880	5170	1800
12			14640	15510	4500
13			10736	11374	3000
14					
15					
16					
17					
			30256	32054	9300
18					
19					
20					
21					
22					
23					
24					
			[illegible]	140[illegible]4	

SA 067759

Bleached Pulps #11 February 950

...oke		Dayal	Sta Loc 130	Alpha Size	Calc Carb	Cabosil	Mexico yellow	Sodium Bicarb	Tela	Ansilex & Zeolite	Size	ultra Cote Clay	clay	alum
...00				382			3000							916
...00				281			2200							719
...00				663			5200							1635
300			750		3500									
300			800		3200									
1800			800		3200									
1800			450		8100									
1800					14400									
1000			2800		32400									
800					4450									
1500					12750									
200					8800									
300					26000									
200			2800	663	5840		5200							1635

SA 067760

80

Neuphor Size 8 7# per gal

8½# per gal

Ansilex & Zeolex

Broke	Alpha Size	Calc Carb	Magnesium Sulfate	Sodium Bicarb	Tita		Size	Clay	Ultra Cote	alum	#10 starch
5600					4500	2250	375			1308	600
2800	213				2400	1200	75			698	[illegible]
2400	213				6900	3450	450			2006	[illegible]
6000	340				2300	900	150		2400	1221	1200
6400					3850	2400	350			1395	[illegible]
6400					3200	2400	320			1395	1200
6000					3000	2050	300			1308	1200
6800					3400	1700	340			1482	600
31600	340				15750	9450	1460		2400	6801	6000
5600					2100	1400	280			1221	2400
6400					3700	1600	320			1395	—
3200					3200	900	180			785	1800
5200					9000	3900	780			3401	4[illegible]
[illegible]200	553				31650	16800	2690		2400	12200	[illegible]

SA 067761

Bleached Pulps # 10 February 1980

Date	AHW	ASW	467 Prince George	475 Celgar	481 Prince Albert	460 Pontiac	509 Champion				Broke
1 28			21015	6650	7696	1380					5600
29			11208		7696	460					2800
30											
31											
2 1											
2											
3											
			32223	6650	15392	1840					8400
4											
5											
6			15878		13468		4072				6000
7			22416		15392						6400
8			22416		15392						6400
9			21015		14430						6000
10			23817		16354						6800
			105542		75036		4072				31600
11			19614		13468						5600
12			22416		15392						6400
13			12609		8658						3200
14											
15											
16											
17											
			54639		37518						15200
18											
19											
20											
21											
22											
23											
24											
			[illegible]	6650	[illegible]	[illegible]	4072				[illegible]

SA 067762

Date	a H W Be	a S W Be	488 Weyerhaeuser	517 Crestbrook	Broke
1 28			14640	15510	6000
29			10736	11374	4000
30					
31					
2 1					
2					
3					
			25376	26884	10000
4					
5					
6			14640	15510	4800
7			15616	16544	4800
8			15616	16544	4800
9			15616	16544	4800
10			15616	16544	4800
			77104	81686	24000
11			4880	5170	1800
12			14640	15510	4500
13			10736	11374	3000
14					
15					
16					
17					
			30256	32054	9300
18					
19					
20					
21					
22					
23					
24					
			[illegible]	140[illegible]4	

SA 067763

Bleached Pulps #11 February 980

roke	Dyal	Sta Loc 130	Alpha Size	Calc Carb	Cabolite	Mapco yellow	Sodium Bicarb	Tela	Ansilex & Zeolex	Size	ultra Cote Clay	clay	alum
000			382			3000							916
1000			281			2200							719
000			663			5200							1635
1800		750		3500									
1800		800		3200									
1800		800		3200									
1800		450		8100									
1800				14400									
4000		2800		32400									
1800				4450									
1500				12750									
2000				8800									
300				26000									
300		2800	663	58400		5200							1635

SA 067764

50	Neuphor Size 8 7# per gal			8½# per gal				Ansilex & Zeolex						#10 starch
Brake				Alpha Size	Calc Carb	Magnesium Yellow	Sodium Bicarb	Teta		Size	Clay	Ultra Cote	alum	
600								4600	2250	375			1308	600
2800				213				2400	1200	75			698	600
400				213				6900	3450	450			2006	1200
6000				340				2300	900	150		2400	1221	1200
6400								3850	2400	350			1395	1800
6400								3200	2400	320			1395	1200
6000								3000	2050	300			1308	1200
6800								3400	1700	340			1482	600
21600				340				15750	9450	1460		2400	6801	6000
600								2100	1400	280			1221	2400
400								3700	1600	320			1395	—
3200								3200	900	180			785	1800
200								9000	3900	780			3401	4200
200				553				31650	16800	2690		2400	12208	114[illegible]

SA 067765

Bleached Pulps # 10 February 1980

Date	AHW	ASW	467 Prince George	475 Celgar	481 Prince Albert	460 Pontiac	509 Champion				Broke
128			21015	6660	7696	1380					5600
29			11208		7696	460					2800
30											
31											
21											
2											
3											
			32223	6650	15392	1840					8400
4											
5											
6			15878		13468		4072				6000
7			22416		15392						6400
8			22416		15392						6400
9			21015		14430						6000
10			23817		16354						6800
			105542		75036		4072				31600
11			19614		13468						5600
12			22416		15392						6400
13			12609		8658						3200
14											
15											
16											
17											
			54639		37518						15200
18											
19											
20											
21											
22											
23											
24											
			[illegible]	6650	[illegible]	[illegible]	[illegible]				

SA 867766

Date	@ H W Be	@ S W Be	488 Weyerhaeuser	517 Crestbrook					Broke
1 28			14640	15510					6000
29			10736	11374					4000
30									
31									
2 1									
3									
			25376	26884					10000
4									
5									
6			14640	15510					4800
7			15616	16544					4800
8			15616	16544					4800
9			15616	16544					4800
10			15616	16544					4800
			77104	81686					24000
11			4880	5170					1800
12			14640	15510					4500
13			10736	11374					3000
14									
15									
16									
17									
			30256	32054					9300
18									
19									
20									
21									
22									
23									
24									

Bleached Pulps #11 February 980

Broke		Dayal	Sta Loc 130	Alpha Size	Calc Carb	Cabotite	Mapico yellow	Sodium Bicarb	Tela	Ansilex & zeolite	Size	ultra Cote Clay	clay	alum
000				382			3000							916
1000				281			2200							719
-000				663			5200							1635
1800			750		3500									
1800			800		3200									
4800			800		3200									
4800			450		8100									
4800					14400									
4000			2800		32400									
1800					4450									
4500					12750									
3000					8800									
7300					26000									
-300			2800	663	58400		5200							1635

SA 067768

Pulps Bales

February 1980

Date	467 Prince George	475 Calgar	481 Prince Albert	460 Pontiac	488 Weyhauser	517 Crestbrook	509 Champion
128	45	14	16	3	30	30	
29	24		16	1	22	22	
30							
31							
21							
2							
3							
	69	14	32	4	52	52	
4							
5							
6	34		28		30	30	8
7	48		32		32	32	
8	48		32		32	32	
9	45		30		32	32	
10	51		34		32	32	
	226		156		158	158	8
11	42		28		26	26	
12	48		32		30	30	
13	27		18		22	22	
14							
15							
16							
17							
	117		78		78	78	
18							
19							
20							
21							
22							
23							
24							
	412	14	266	4	288	[illegible]	8

5A 067769

February 1980
#11

Ret	Date	Broke Used	Pulp	Storage Tank	Slab Waste	Slab Rolls	Rig Pulp	Good Pulp	Storage Tank	Total Pulp	[illegible]	% Rit
907	28	6000	33532	—	1400	—	5180	24100	—	39552	[illegible]	776
1208	29	4000	24591	—	1300	—	—	27700	—	28591	29900	1014
	30	"										
	31	"										
	1	"										
	3	"										
1011		10000	58113		2700	—	51[illegible]	51800	—	681[illegible]	57620	76
	4	"										
	5	"										
831	6	4800	34400	—	8400	—	—	19140	—	39200	27540	70[illegible]
991	7	4800	36160	6200	2850	—	—	34980	-(6200)	34760	37830	108
983	8	4800	36160	7450	4400	—	—	32555	-(1250)	39710	36955	731
1031	9	4800	40710	7450	4500	—	—	36160	—	45510	40660	893
935	10	4800	46560	7450	900	—	225	43645	—	51360	44770	872
955		24000	193970		21050	—	225	166480	-(7450)	210540	157755	97.2
935	11	4200	38580	7450	12150	—	—	17750	—	42780	29900	699
990	12	4500	42900	7450	1300	—	—	41260	—	47400	42560	898
829	13	3000	30910	—	1500	—	—	31940	+ 7450	41360	33440	809
	14	"										
	15	"										
	16	"										
	17	"										
924		11700	112390		14950	—	—	90950	+ 7450	131540	[illegible]	805
	18	"										
	19	"										
	20	"										
	21	"										
	22	"										
	23	"										
	24	"										
956		45700	364[illegible]		31700		5405	309230	—	410203	[illegible]	861
	Totals	2400	24080		10500			2860		26480	13360	
		43[illegible]	340423		28[illegible]			306370		383723	[illegible]1775	[illegible]

SH 867778

February 1980
#10

Date	A Brake Used	B Pulps	6400 Storage Tank Inv	C Slab Waste	D Stub Rolls	E Rej Prod	F Good Prod	G Storage Tank adj	A+B+G Total Raw Mat	C+D+E+F Gross Prod	% Ret
28	5600	44466	6400	2550	—	100	42740	—	50066	45390	907
29	2800	23852	6400	500	—	—	31690	—	26652	32190	1208
30	Down										
31	"										
2 1	"										
2	"										
3											
	8400	[illegible]9318		3050	—	100	74430	—	76718	77580	1011
4	"										
5	"										
6	6000	40708	6400	1850	1600	1050	34310	—	46708	38810	831
7	6400	46208	8000	4450	3850	1200	41070	-(1600)	51008	50570	991
8	6400	44928	8000	1200	3550	—	45715	—	51328	50465	983
9	6000	41995	8000	1250	2950	—	45300	—	47995	49500	1031
10	6800	46211	8000	2700	—	1360	45480	—	53011	49540	935
	31600	[illegible]0050		11450	11950	3610	211875	-(1600)	250050	238885	955
11	5600	39262	8000	1850	—	2670	37410	—	44862	41930	935
12	6400	43428	8000	2000	—	4840	42465	—	49828	49305	990
13	3200	27347	—	1700	—	2550	27685	+8000	38547	31935	829
14	[illegible]										
15	"										
16	"										
17	"										
	15200	11[illegible]37		5550	—	10060	107560	+8000	133237	123170	924
18	"										
19	"										
20	"										
2	"										
22	"										
23											
2	"										
	[illegible]	[illegible]405		[illegible]	11750	13770	393[illegible]	+6400	460005	43[illegible]	[illegible]

SA 067771

Trials March 1980
#10

Date	Caribou	Pontiac	Calc Carb	Amsilex	Tita	Clay	#10 Starch	Brake
2 25								
26								
27								
28								
29								
31								
3								
4								
5								
6								
7								
8								
10								
11								
12								
13								
14								
15								
17								
18								
19								
20								
21								
22								
						10-1048		
24	39042	4140	900	3600	4100	700	4800	4550
25	8676	920	200	800	650	500	1200	600
26								
27								
28								
29								
30								
	47718	5060	1100	4400	4750	1200	6000	5150
	4771	[illegible]	1100	44[illegible]	4750	1200	6[illegible]	[illegible]150

SA 867772

Trials

March 1980
11

Broke	Date
	2 25
	26
	27
	28
	29
	31
	3
	4
	5
	6
	7
	8
	10
	11
	12
	13
	14
	15
	17
	18
	19
	20
	21
	22
4550	24
600	25
	26
	27
	28
	29
	30
5150	
150	

5A 067773

Bleached Pulps #10

March 1980

Date	a HW	a SW	467 Prince George	509 Champion	460 Pontiac	488 Weyerhauser	388 SW Eddy	482 Cariboo			Broke
25			28020		6900						6400
26			29888		7360						6400
27			31756		7820						6800
28			31756		7820						6800
29					6440	27328					5200
31											
			121420		36340	27328					31600
3					5980	25376					5600
4					6900	19520	7760				6000
5					1380		33756				7200
6							31040				6400
7					1380		31816				6400
8											
					15640	44896	104372				31600
10					6900		4656	23136			6400
11					460			35668			6000
12								36150			6000
13								36150			6000
14								31330			5200
15											
					7360		4656	162434			29600
17								36150			6000
18								36150			6000
19								33740			5600
20								36150			6000
21					5060			28438			4800
22											
					5060			170628			28400
24											
25					5980			25064			5600
26					7360			30848			6400
27					7360			30848			6400
28					7820			32776			6800
29					1840			31812			5600
30								33740			5600
					30360			185088			36400
			[illegible]		[illegible]	[illegible]	[illegible]	[illegible]			[illegible]

Coke	Nerphos Sizing 8. lb per gal	8 1/2 per gal	Resin Size	Calc. Carb	Mapico Yellow	Sodium Bicarb	Ita	Anchor + Glue	Size	Clay	Titra Cote	Alum	Dic Starch
400							1350		375		4500	1308	[illegible]
400							1600		400		4800	1395	[illegible]
8800							1700		425		5100	1482	[illegible]
300							1950		425		5500	1482	[illegible]
200							1400		350		5500	1201	[illegible]
1600							8000		1975		25400	6894	[illegible]
5600							1300		325		5200	1434	4800
000							1000		375		6000	1308	[illegible]
7200							2550	1500	450		4200	1570	—
400							2400	1600	400		3200	1395	3100
6400							2250	1400	425		3700	1483	—
21600							9500	4500	1975		22300	7190	12300
6400							1100		375		5100	1308	3600
6000							2000	600	378		4800	1308	1500
6000							3350	2100	375		3000	1308	[illegible]
6000							3050	2250	375		3000	980	2100
5200							2600	1950	325		2600	850	—
9600							12100	6900	1825		18500	5754	7800
6000							3350	2250	375		3000	981	3000
6000							3400	1500	375		3000	981	1200
5600							4600	1850	350		800	916	1200
6000							4750	2250	375			981	2800
4800				100			2950	2200	300			785	—
8400				100			12250	10050	1775		6800	4644	8200
5600							800	650	325		2600	850	2200
6400							800	800	400		6350	1046	[illegible]
6400							1250		400		7050	1046	[illegible]
6800							850		406		7650	1111	1200
5600							3900	1300	350		2700	872	2600
5600							4850	2800	350			763	1200
16400							12450	5550	2260		25350	5688	10400
[illegible]				100			61300	27000	9800		78350	30164	443[illegible]

SH 86275

Bleached Pulps #11 March 1948

Sure	Star Fro 130	Alpha Sup	Can Carb	Carbolite	Magnesium Silicate	Sodium Borate	Atu	Zeolite	Sup	Ultra Cote	Clay	Alum
200		357			3000							523
1800		306			2400							523
1200		459			3600							785
200		459			3600							785
5600		358			2800							611
800		1939			15400							3317
200							4000	2000	300	4000		1526
200							3600	1800	270	3600		1373
000							4000	2000	300	4000		1526
7600							3800	1900	285	3800		1450
7200							4100	2050	315	3200		1483
9000							19500	9750	1470	18600		7358
2400							4000	2200	500	2000		1744
7600							2650	1900	475	2560		1657
6800							2550	1700	405	2000		1482
7600							3200	1900	475	1900		1657
6000							2550	1500	375	1500		1308
36400							14950	9200	2250	9950		6191
1400							3200	1600	400	1600		1395
4900			9100				1000	500	125	500		436
4200			13950									
4200			13550									
4200			9900		760				45			98
3900			46500		750		4200	2100	570	2100		1929
1200					3400				255			927
7200					3600				270			981
7600					3800				285			1036
6800					3400				255			927
7200					3800				285			1036
7200							900		360	2450	3850	981
5700		900		5500								
18900		900		5500	18000		900		1710	2450	3850	5888
Uses		900	1939	51000	41150		39550	21050	6000	33100	3850	24593

Date	a HW Bl	475 Calgar	481 Prince Albert	488 Weyerhauser	498 Domtar	481 Marathon	509 Champion	460 Pontiac	517 Crestbrook	488 Rambler Weyerhauser	Broke
2 25			16354	10736							6000
26			17316	5856							4800
27			18759	8784	7470						7200
28				8784	26892						[illegible]
29				6832	20976						5600
31											
			52427	40992	55278						31800
3					29880	2886	7126				8000
4					26892		8653	460			1200
5					29880			9200			8000
6					28386			8740			7600
7					28386			7860	1651		7200
8											
					143424	2886	15779	25760	1551		38000
10					29880				10340		8400
11		22800			4482				9823		7600
12		24225							8789		6800
13		27075							9823		7600
14		21375							7755		6000
15											
		95475			34362				46530		36400
17		22800							8272		6400
18		21375							7766		4900
19		19950						1610	7238		4200
20		19950							7238		4200
21		15675			4482				7238		4200
22											
		99750			4482			1610	37741		23900
24					25398				8789		7000
25					26892				9306		7200
26					28386				9823		7600
27					25398				8789		6800
28					5976	21645			9823		7200
29						25974			9306		7200
30		17100								17568	5700
		17100			112050	47619			55836	17568	49900
		[illegible]	[illegible]	[illegible]	141596	[illegible]	[illegible]	27370	141651	17568	[illegible]

SR 867777

488
Kam Loyer
Weyer

36
36

SA 867778

Pulps
Bakes

March 1980

488		467	460	481	488	498	481	509	388	517	[illegible]	[illegible]
[illegible]	Date	Prince George	Pontiac	Prince Albert	Weyerhauser	Domtar	Marathon	Champion	Eddy	Crestbrook	[illegible]	Calgary
	25	60	15	34	22							
	26	64	16	36	12							
	27	68	17	39	18	15						
	28	68	17		18	54						
	29		14		70	42						
	31											
		260	79	109	140	111						
	3		13		52	60	6	14				
	4		16		40	54		17	20			
	5		23			60			87			
	6		19			57			80			
	7		19			57			82	3		
	8											
			90		92	288	6	31	269	3		
	10		15			60			12	20	48	
	11		1			9				19	74	48
	12									17	75	[illegible]
	13									19	75	[illegible]
	14									15	65	45
	15											
			16			69			12	90	[illegible]	[illegible]
	17									16	75	48
	18									15	75	45
	19		4							14	70	[illegible]
	20									14	75	[illegible]
	21		11			9				14	59	[illegible]
	22											
			15			9				73	[illegible]	[illegible]
	24		9			51				17	81	
	25		15			54				18	70	
	26		16			57				19	[illegible]	
	27		16			51				17	64	
	28		17			12	45			19	68	
	29		4				54			18	66	
36	30										70	36
36			77			225	99			108	483	36
36		260	277	109	[illegible]	[illegible]	105	31	281	271	[illegible]	[illegible]

SA 067779

March 1980
11

[illegible]	Date	A Brine used	Purge	Storage Tank	Sino Waste	Sani Rebs	Ap Fluid	Used Fluid	Storage Tank	Total Raw Mat	[illegible]	[illegible]
[illegible]	25	6000	30447	—	2000	—	—	16110	—	36447	[illegible]	[illegible]
[illegible]	26	4800	25878	—	1400	—	—	23730	—	30678	[illegible]	[illegible]
110	27	7200	39072	—	1300	—	—	38570	—	46272	39570	[illegible]
061	28	7200	39735	—	700	—	—	40070	—	46735	40790	86 7
093	29	5600	30906	—	950	—	—	39270	—	36506	[illegible]	[illegible]
	31											
042		30800	166038	—	6350	—	—	157490	—	196838	[illegible]	13
959	3	8000	50192	—	3500	1590	—	35920	—	58192	41010	70 5
089	4	7200	45275	—	1850	2020	—	47955	—	52475	51825	98 8
103	5	8000	49380	—	1350	3240	—	53735	—	57380	57325	99 9
052	6	7600	46911	—	2050	2280	—	50855	—	54511	55185	[illegible]
192	7	7200	46962	6200	2050	2120	—	43260	(6200)	47962	47430	98 9
	8	Down										
033		38400	238720		10800	10260	—	231725	-(6200)	[illegible]	[illegible]	73 4
883	10	8400	48920	6200	4675	—	—	33120	—	57320	37795	65 7
969	11	7600	44680	6200	1400	—	—	46990	—	53280	48390	92 6
026	12	6800	39689	6200	3650	—	—	43280	—	46489	46930	101 0
984	13	7600	44373	6200	1200	—	1260	46000	—	51973	48460	93 2
972	14	6000	35055	6200	4450	—	—	35300	—	41055	39750	96 8
	15	Down										
967		364400	212717		15375	—	1260	204690		249117	221325	88 9
788	17	6400	37872	6200	3150	—	—	36795	—	44272	39945	90 2
890	18	4900	40355	6200	1700	—	—	36330	—	45255	38630	85 9
1072	19	4200	42748	6200	3000	—	—	32370	—	46948	35870	75 3
078	20	4200	40738	6200	1400	—	—	41990	—	44938	43390	96 6
787	21	4200	38090	6200	600	—	—	32950	—	42290	33550	79 3
	22	Down										
759		23900	199205		9850	—	—	180435	—	223705	190285	85 1
852	24	7200	37842	6200	—	—	1955	33795	—	45042	35750	79 4
929	25	7200	40068	6200	900	—	1900	42120	—	47268	44920	95 0
972	26	7600	42294	6200	1350	—	5065	37916	—	49894	44320	88 8
865	27	6800	37842	6200	2000	—	—	38745	—	44642	40745	91 3
047	28	7200	41529	7450	5620	—	—	37440	-(1250)	47479	43060	90 7
833	29	7200	42840	7450	5180	1960	—	39155	—	50040	46295	92 5
020	30	5700	41068	7460	3200	2060	—	33330	—	46768	38590	82 5
729		48900	283493		18250	4020	8910	262500	-(1250)	331133	273680	88 7
[illegible]		[illegible]	[illegible]		[illegible]	[illegible]	10170	[illegible]	-(7450)	[illegible]	[illegible]	[illegible]
83												

SA

0677780

March 1980
#10

Date	A Broke Used	B Pulps	C Storage Tank Inv	D Slab Waste	E Stub Rolls	F Rep Prod	G Good Prod	H Storage Tank Adj	I Total Raw Mat	J Gross Prod	% Rec
225	6400	42545	—	—	7960	1980	30800	—	48945	40740	[illegible]
26	6400	45648	—	200	11459	—	45690	—	[illegible]048	57340	[illegible]
27	6800	48201	—	2200	11310	—	47550	—	55001	61060	[illegible]
28	6800	48051	—	350	11550	—	46320	—	54851	58220	[illegible]
29	5200	41618	—	200	9950	—	41020	—	46818	51170	[illegible]
31											
	31600	226063	—	2950	[illegible]	1980	211380	—	[illegible]	268530	[illegible]
3	5600	42981	—	1150	7550	3210	29820	—	48581	41730	[illegible]
4	6000	45355	—	1400	6900	1100	46510	—	51355	55910	[illegible]
5	7200	43836	—	3300	1210	630	46060	—	51036	51200	[illegible]
6	6400	42340	—	3500	—	11010	36760	—	48740	51270	[illegible]
7	6400	40971	8000	1300	—	1390	44250	-(8000)	39371	46940	[illegible]
8	Down										
	31600	215483		10650	15660	17340	203400	-(8000)	[illegible]	247050	[illegible]
10	6400	44867	8000	2200	8450	2040	32600	—	51267	45290	88 3
11	6000	45403	8000	5500	7205	—	37100	—	51403	49805	96 9
12	6000	45575	8000	2400	4280	1290	44920	—	51575	52890	102 6
13	6000	46925	8000	2300	3400	1280	45120	—	52925	52100	98 4
14	5200	38805	8000	650	—	2720	39420	—	44005	42790	97 2
15	Down										
	29600	221575		13050	23335	7330	199160	—	251175	242875	96 1
17	6000	48125	8000	1150	—	2750	38760	—	54125	42660	78 8
18	6000	45625	8000	1650	—	1350	42930	—	51625	45930	89 0
19	5600	42540	8000	1750	3220	—	46630	—	48140	51600	1 72
20	6000	46525	8000	10200	2140	6680	37610	—	52525	56630	107 8
21	4800	39048	8000	2450	—	—	40820	—	43848	43270	[illegible]
22	Down										
	28400	221863		17200	5360	10780	206750	—	250263	240090	95 9
24	4550	57282	8000	3800	3620	7520	37760	—	61832	52700	85 2
25	6200	50565	6400	7050	3140	3020	41025	+ 1600	58365	54235	92 9
26	6400	46768	6400	1300	5050	1050	44280	—	53158	51680	97 2
27	6400	48908	6400	3450	4345	6070	33950	—	55308	47815	86 5
28	6800	50721	8000	750	5510	—	52260	-(1600)	55921	58520	104 7
29	5600	44502	8000	7400	2400	7000	24920	—	50102	41720	83 3
30	5600	42940	8000	4450	—	—	45040	—	48540	49490	102 0
	41550	341676		28200	24065	21660	277235	—	383226	356160	92 9
	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
Trials	5150	69528		4200	3620	7520	55180		74678	70520	
	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	

SA 067781

Trials

April 1980
#10

Date						
3 31						
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58
867782

Trials

April 1980
#11

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SA 0677783

Scoke	Nerphor Sye 8 7# per gal	5½# per gal Belacle	Sepia Sye	Calc Carb	Magnesium Yellow	Sodium Picrate	Analex + Zolex Tita		Sye	Clay	Tuebra Cote	Alum	# 10 Stain
6000							4500	3000	375			818	1800
7600							4250	2800	350			818	555
7200							4650	2600	325			752	[illegible]
7200							4800	2600	325			709	[illegible]
4400							3400	2000	300	800		654	500
400							21600	13000	1675	800		3751	[illegible]
4400							2600	1500	250	1000		545	400
5600							4450	2100	350	400		763	2500
000							3100	1550	375	2850		818	1300
5400							1900	800	400	5900		872	1100
600							1600	700	350	6300		763	[illegible]
600							1400	700	350	6300		763	—
600							1550	700	350	6300		763	—
7200							16600	8050	2425	29050		5287	10400
5600		950					1400	700	350	5350		763	400
5200		5850					1400	650	325			785	[illegible]
2000		6750					2250	750	375			981	2000
7600		6300					2100	700	350			916	900
7200		4950					2850	1000	350			883	[illegible]
7600		24800					10000	3800	1750	5350		4328	6100
6000							5800	2500	350			763	1700
6000							6750	2250	375			818	1400
5200							5850	1950	325			709	[illegible]
6000		2250					4750	1000	375			872	[illegible]
6000		7200					800		400			1046	—
7200		9450					23950	7700	1825			4208	43
160		34250					71150	33550	7675	35200		17574	[illegible]

SA 867784

Bleached Pulps #10 April 1900

Date	AHW	ASW	Cariboo 482	Grand Prairie 574	Calgar 475	Pontiac 460	Prince Albert 481	Superior 498	Broke
331			36150						6000
41			21690	14350					5600
2				37310					5200
3				37310					5200
4				34440					4400
5									
6									
			57840	123410					26400
7				28700					4400
8				34440	4750				5600
9				29848	7600	3220			6000
10				36736		7360			6400
11				32144		6440			5600
12				32144		6440			5600
13				32144		6440			5600
				226156	12350	29900			39200
14				32144		6440			5600
15				29848		5980			5200
16				34440		6900			6000
17				32144		6440			5600
18				25256		5060	7215		5200
19									
				153832		30820	7215		27600
21							33670		6000
22							36075		6000
23							31265		5200
24						2300	6734	27888	6000
25						12420		26394	6000
26									
						14720	107744	54282	27200
			57840	[illegible]	[illegible]	7544	114[illegible]	54[illegible]	[illegible]

SA 067785

Date	A H W Bl	492 W S W Bl	475 Celgar	488 Weyerhauser Kamloops	460 Pontiac	517 Crestbrook	574 Grand Prairie	388 Eddy			Brake
3 31			17100	17568							5400
4 1			8550	21960	2300	2068					5400
2				26362	2760	9306					7200
3				27816	4370	9823					7600
4			4275	7320	3450	7755	12054				5600
5											
6											
			29925	101016	12880	28952	12054				31200
7					3450	7755	25830				6400
8					4140	9306	30996				7200
9					3910	8789	29274				6800
10					3910	8789	29274				6800
11			13300		460	1034	19516				4300
12			11400			3102	17220				4800
13			14250				17220				4500
			38950		15870	38775	169330				40800
14			950		460		39606				5400
15							36736				4800
16							29848				3900
17		4428			4140		28700				6100
18		6396			5060		22960				6000
19											
		10824	950		9660		157850				26200
21							36736				6800
22							41328				7200
23							36736				6400
24				12688			11480	15132			7200
25				16592				19788			6400
26											
				29280			126280	34920			34000
		[illegible]	69[illegible]	[illegible]	[illegible]	67727.4	[illegible]	34[illegible]			[illegible]

SA 067786

Bleached Pulps #11 April 95

ice	Rita Cole	Cary Clark	Mypuc Applnc	Star F.C.	Light Sizer	Cabelli	Cole Board	Wilkins Board	Star	Golden Amaranth	Size	Ultra Cole	clay	alum
400				130										
				900			5460							
400				450			2700		900	460	225		2700	589
200									2750	2150	450		4100	1177
600									3950	1900	475	2850		1243
600									3200	1500	375	1150	1100	981
00				1350			8100		10800	6000	1525	4000	7700	3970
400									3000	1500	375		2250	981
200									4100	1800	450		3900	1177
800									3450	2250	425		4250	1112
800									3400	2550	425		4250	1112
1300							14000		400	300	50		500	131
300							15000							
500							15800							
800							44800		14350	8400	1725		15150	4513
400							10150							
800							14100							
900							14100							
100		1800	1400				7460		1800	900	225			589
000		2600		750					3050	1300	370			1014
200		4400	1400	750			45750		4850	2200	595			1603
800				3200							246			872
1200				3600							270			981
400				3275							233			872
1200				3600							270			981
400				3400	179						150			927
000				17675	179						1163			4633
00		4400	1400	17675	1350	179		78650	30000	11600	5008	4000	23550	14737

SA 0677787

Pulpe Bales April 1980

Date	482 Cariboo	475 Celgar	488 Kamloops	574 Grand Prairie	460 Pontiac	517 Crestbrook	49[illegible] A S W	481 Prince Albert	498 Superior	[illegible]
331	75	36	36							
41	45	18	45	25	5	4				
2			54	65	6	18				
3			57	65	10	19				
4		9	15	81	8	15				
5										
6										
	120	63	207	236	29	[illegible]				
7				95	8	15				
8		10		114	9	18				
9		16		103	16	17				
10				115	25	17				
11		28		90	15	2				
12		24		86	14	6				
13		30		86	14					
		108		689	101	75				
14		2		125	15					
15				116	13					
16				112	15					
17				106	23		9			
18				84	22		13	15		
19										
		2		543	88		22	15		
21				64				70		
22				72				75		
23				64				65		
24			26	20	5			14	56	[illegible]
25			34		27				53	51
26										
			60	220	32			224	109	[illegible]
	[illegible]	173	267	[illegible]	250	131	22	[illegible]	[illegible]	

SA 067788

½ per Day — April 1980 — # 11

Prod. Rate	Date	Broke Used	Pumped	7450 Storage Tank Inv.	Alas Waste	Site Brine	Eq. Fluid	F Brine	Brine Storage Tank adj.	Total Gen Mat	Gross Gen	Net Gen
945	31	5400	40968	7450	850	2125	815	37605	—	46368	[illegible]	573
1033	1	5400	42303	7450	4150	3000	3010	30185	—	47703	39345	525
971	2	7200	47868	6200	3850	3415	—	43655	+ 1250	56318	[illegible]	956
1003	3	7600	51184	7450	2250	2235	—	43500	− (1250)	57534	47985	534
886	4	5600	42179	7450	2800	1780	—	32370	—	47779	36950	773
	5	Down										
	6	"										
769		31200.	224502		13900	10555	38[illegible]5	127315.	—	255702	[illegible]	43
1093	7	6400	44160	7450	2300	2235	3660	36145	—	50560	[illegible]	577
935	8	7200	54692	7450	850	2690	—	48520	—	61892	[illegible]	541
990	9	6800	52348	7450	400	2780	—	50045	—	59148	[illegible]	900
959	10	6800	52598	7450	300	2685	—	49505	—	59398	[illegible]	884
963	11	4300	49560	6200	3300	600	3000	31755	+ 1250	55110	39655	701
1063	12	4800	46722	6200	700	—	—	41990	—	51522	46690	829
1051	13	4500	47270	6200	950	—	—	42320	—	51770	43270	836
1003		40800.	347550		8800	10990	6660	300280.	+ 1250	389400	326730	837
960	14	5400	51166	6200	3950	—	3800	39380	—	56566	47130	833
1119	15	4800	50836	6200	2200	—	—	44800	—	55636	47000	841
924	16	3900	43948	6200	1100	—	—	43050	—	47848	44150	923
1065	17	6100	50793	6200	1450	—	—	42490	—	56893	43940	772
938	18	6000	42486	7450	800	—	—	41030	− (1250)	47236	41830	88[illegible]
	19	Down										
1014		26200.	239229		9500	—	3800	210750	− (1250)	264179	[illegible]4050	842
944	21	6800	40176	7450	6995	—	8295	24135	—	46976	39425	839
897	22	7200	45198	7450	700	—	1935	40305	—	52398	42740	820
1022	23	6400	40244	7450	1000	—	—	41580	—	46644	42580	913
958	24	7200	43170	7450	2050	—	1850	41810	—	50370	45710	908
829	25	6400	40109	7450	1300	—	—	36200	—	46509	37500	[illegible]
	26	Down										
927		34000	208897		12045	—	12080	184030		242897	204155	157
782		13[illegible]00	1[illegible]1979		44345	1541[illegible]	26.365	89375	—	115217	[illegible]	[illegible]

2 per k

#10

Date	A Brake Used	F Pulps	8000 Storage Tank Inv	C Seat Waste	D Stub Rails	E Rej Prod	F Good Prod	G Storage Tank adj	A+B+G Total Raw Mat	C+D+E+F Gross Prod	% Bt
3 31	6000	45825	8000	2850	—	—	46140	+	51825	48990	945
41	5600	43990	8000	750	—	—	50480	—	49590	51230	1033
2	5200	45485	6400	—	—	—	50740	+ 1600	52285	50740	971
3	5200	46835	8000	900	—	2190	47580	-(1600)	50436	50580	1003
4	4400	41440	8000	550	—	—	40080	—	45840	40630	886
5	Down										
6											
	26400	223575		5050	—	2100	235020	—	249975	242170	969
7	4400	36450	8000	4100	—	4010	36540	—	40850	44650	1093
8	5600	49290	8000	1800	1050	2870	45610	—	54890	51330	935
9	6000	49843	8000	750	1705	—	52850	—	55843	55305	990
10	6400	54196	8000	150	4715	—	53270	—	60596	58135	959
11	5600	50334	6400	750	6420	—	48610	+ 1600	57534	55780	963
12	5600	47334	6400	300	6620	—	49330	—	52934	56250	1063
13	5600	47484	6400	900	6210	—	48655	—	53084	55765	1051
	39200	334931		8750	26720	6880	334865	+ 1600	375731	377215	1003
14	5600	47734	6400	2200	5310	1170	42545	—	53334	51225	960
15	5200	45653	6400	700	5960	—	50230	—	50853	56890	1119
16	6000	52665	6400	800	5710	3860	47960	—	58665	58330	994
17	5600	48934	6400	1400	6140	—	50540	—	54534	58080	1065
18	5200	48681	8000	400	5410	1600	41710	-(1600)	52281	49020	938
19	Down										
	27600	243667		5500	28530	6530	232985	-(1600)	269667	273545	1014
21	6000	44020	8000	2500	2110	1350	41250	—	50020	47210	944
22	6000	46860	8000	1050	2240	1210	42930	—	52850	47430	897
23	5200	39990	8000	950	2400	2040	40795	—	45190	46185	1022
24	6000	45897	8000	2300	2990	1200	43240	—	51897	49730	958
25	6000	47214	8000	1800	500	—	41830	—	53214	44130	[illegible]
26	Down										
	29200	223971		1600	10240	5800	210045	—	253171	234685	927
	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	—	1145544	[illegible]	

SA 067790

Trials

May 1980
#10

Date	
4	28
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SA 067791

Trials

May 1980
11

Date
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5A 067792

JUNE 1980 REJECTED R.S. AT THE BLADE

	09-2461 0202	08-1732 0276	09-2410 0246
6/4	1000		
6-20		1000	
6-21			6300

SA 067861

ED ARNOLD × 250

JULY 1980

MILL "C" CHEMICALS

DATE	ALUM	3960 × TK CLAY	GAL × .25 SIZE	753 × 100 CLAYSIZE	STAYTYME J × 100	STAYSIZE 112 × 100	TITANIUM	ANSILEX	DEFOAMER	PARAMEL	ALUM-OR TANK
7-1-80	500	23760	1118	—	—	—	4100	2300	15	—	
7-2	750	31680	1130	—	—	—	3800	1700	15	—	
7-3	250	19800	1003	—	—	—	3700	2000	15	—	
7-7	750	27720	1110	—	—	6200	5550	2600	15	—	
7-8	550	19800	1313	—	3000	—	6800	2100	15	—	
7-9	750	23760	1002	—	—	—	7100	3100	15	—	
7-10	550	23760	1125	—	—	—	3550	1000	15	—	
7-11	650	27720	953	—	—	—	2550	1600	15	—	
7-12	660	27720	987	—	—	—	3450	1300	15	—	
7-13	550	23760	1877	—	—	—	2450	1350	15	37720	
7-14	900	19800	2781	—	—	—	3300	1600	15	50600	
7-15	700	27720	1322	—	—	—	4500	2500	15	11400	
7-16	425	27720	935	—	—	—	3800	1900	15	—	
7-17	525	39600	986	—	—	—	3650	2050	15	—	
7-18	800	43560	965	—	—	—	3800	2500	15	—	
7-19	750	27720	2188	—	—	—	2250	1350	10	51160	
7-20	800	47520	1050	—	—	—	2900	1350	10	—	
7-21	700	23760	1203	—	—	—	3300	1500	10	—	
7-22	1050	51480	1136	—	—	—	2600	1200	10	—	
7-23	650	23760	1068	—	—	—	3450	1475	10	—	
7-24	400	35640	1202	—	—	—	3050	1350	15	—	
7-25	700	35640	1367	—	—	—	4150	1750	15	—	
7-26	550	35640	1473	—	—	—	3050	1350	15	—	
7-27	750	47520	1420	—	—	—	3450	1700	15	—	
Totals	15,460	736560	30714	—	3000	6200	90300	42625	335	150380	.59

SA 067862

IM-ON INK	CLAY TANK	Nopco-FLOC 224-L	x100 STAZYME GA	NALCO 7651	x100 DOUGLASS STARCH	x100 (UNION) 6778
2	2500	10	10800	—	—	—
3	3300	10	11200	—	800	—
1	2800	30	—	—	3600	—
3	3000	60	—	—	16400	—
2	2500	30	—	—	3200	7000
3	3300	15	—	—	—	12000
2	2800	30	—	—	—	9600
3	3100	20	—	—	—	16900
2	3200	5	—	—	—	12000
2	2800	20	—	—	—	9600
3	3000	40	—	—	—	6000
2	3200	15	—	—	—	12000
2	3000	25	—	—	—	10800
2	2700	30	—	—	—	10800
3	4900	20	—	—	—	12000
3	3800	30	—	—	—	6000
3	5400	30	13000	—	—	2600
3	2700	30	12000	—	—	—
4	5500	40	9600	—	—	—
2	2000	—	7400	50	6000	—
1	3200	—	—	100	12000	—
3	4200	—	—	100	12000	—
2	4600	—	—	100	14400	—
3	5500	—	—	—	15600	—
59	82200	490	64000	350	84000	127300

SA 067863

OSKAR DIKERTS

JULY 1980

MILL "D" CHEMICALS

DATE	BLUE	100 TK SIZE	C-7	J x100	CLINCO 55 x100	TITANIUM x50	CLAY COUNTER x5400	SODIUM ALUMINATE	71 M VALCO
7-1-80	49	500	—	9800	11200	10500	—	—	—
7-2	49	720	—	4800	4800	10000	—	—	—
7-3	490	375	—	6600	4200	10000	—	—	—
7-7	196	500	—	4600	4600	10000	—	—	—
7-8	147	375	—	11200	9800	10000	—	—	—
7-9	49	125	—	6400	6200	10000	—	—	1
7-10	97	—	—	5800	5800	10000	—	—	—
7-11	49	660	—	4600	4800	12500	—	—	—
7-12	49	480	—	5000	3000	12500	—	—	—
7-13	196	540	—	7000	6400	12500	—	—	—
7-14	147	900	—	7000	8000	12500	—	—	—
7-15	—	900	—	7400	8000	12500	—	—	—
7-16	98	600	—	5600	6400	12500	—	—	—
7-17	49	780	—	4600	4200	12500	—	—	—
7-18	49	660	—	4400	4800	9100	—	1	—
7-19	49	420	—	8000	6000	12000	—	1	—
7-20	49	300	—	9400	6000	14250	—	1	—
7-21	49	420	—	7000	7400	10000	—	2	—
7-22	49	880	—	7000	7000	14350	—	1	—
7-23	196	480	—	6600	6600	14650	—	1	—
7-24	147	300	—	6200	4800	12650	—	1	—
7-25	147	480	—	4800	9600	10500	—	—	—
7-26	—	480	—	7700	6400	12500	—	—	—
7-27	49	480		6400	3200	10000	—	—	—
Totals	2449	12355	—	157900	149700	278000	—	8	1

JULY 1980 CLAY ROTO-DIP USAGE (GALLONS)

DATE	#5	#6	TOTAL
7-1-80			
2			
3			

SA 067865

JULY 1980

MILL "E" CHEMICALS 7.27

DATE	H.T. CLAY TK	CAMIL WITE	CAUSTIC SODA	LATEX 620 x.5	TSPP	RED B=P	AMMONIA	SALT	BORAX	NOPCO 1407	FORMALDEHYDE
6/30, 7/1, 7/2, 7/3	20000	104	40	4800	56		168		120	300	20
7, 8, 9	20000	104	–	4800	56		168		120	320	20
10, 11	16000	52	50	2400	28		84		60	180	10
14, 15, 16, 17, 18	45000	208	40	9600	192		336		240	640	40
21, 22, 23, 24, 25	40000	195	40	9000	105		315		225	150	[illegible]
				30600 x.5			1071 x 7.27				
	[illegible]	663	[illegible]	15300	[illegible]	–	[illegible]	–	[illegible]	[illegible]	

SA 0678866

FORMALDE-HYDE	PROCOTE PROTEIN	ALC
200	3200	
200	3200	
100	1600	
400	6400	
325	6200	
[illegible]	[illegible]	

SA 067867

MACH 5&6
MILL C
JULY 1980

PULP USED IN HYDROPULPERS

DATE	Grande Prairie	Southwest H.W	Eddy SW	Allied S.W	Pulp Sub	Cellgar	Southern HW	Alpha cw	Ell/HW	BWK HW	Damtal
July 1 80	143	39	—	24		28					
2	96	61	49	102	29						
3		29	128	17							
	737	129	177	143	27		—				
7			63	210	27		43				
8		10	125	142	33		17				
9			50	168			9				
10		16	80	188				36			
11			26	236					50		
12		4	42	229	23				82		
13			166	68	11				47	57	
	—	30		1241	14	—	[illegible]	[illegible]	[illegible]	57	
14			220								120
15			30		20					74	102
16		5			11					38	30
17		17		139						7	
18		63		189		20					
19		27		54		157					
20		91		234							
	—	203	[illegible]	616	31	117				121	[illegible]
21		62		154							
22		39		130							
23		36		188							
24				160							
25				112		66	17				
26				19	16	76	71				
27				38	17	57	102				
	—	137		801	[illegible]	[illegible]	[illegible]				

SA 067868

M	Southwest SW	Kamloops SW	Allied HW	Albacel SW	Total
					234
					337
					174
					[illegible]
					343
					327
					227
					320
					312
					380
					349
					[illegible]
122					342
102	111				337
30	148	30			262
		64			229
		51			323
		63			301
		57			382
[illegible]	[illegible]	[illegible]			2176
		63			279
		39			208
		54	20		298
		60	53		273
			41	68	304
			19	124	325
			19	169	402
		216	[illegible]	361	[illegible]

SA 067869

March 7, 8, 9
Mill D
July 1980

Pulp Used In Hydrapulpers

Date	Eddy	Allied SW	Allied HW	Superior	BWK HW	Dryden	Kamloops	Crestbrook	Celgar	Grande Prairie	Panama
7-1-80	72	148	24	56	36						
2	60	120	86	94							
3	78	100	100	36							
	[illegible]	36[illegible]	[illegible]	156	6						
7	48	162	104			10					
8	6	128	74			104					
9		48	56			96	88				
10		76	98				66	124			
11		116	82					90			
12		128	88					48			
13	30	154	88			40		24			
	74	812	[illegible]			252	154	216			
14	156	104	72			6			8		
15	160	80	74						10		
16	70	120	96							110	
17	110	96	67							55	8
18	10	222	134			18				22	
19	64	120	67							99	
20	32	112	56			77				11	
	602	854	566			91			18	97	
21	33	118	89			55					
22	147	65	94								
23	50	64	42					84			
24		40	22	46				114			
25		56	42	202							
26		154	67	40							
27		112	78								
	[illegible]	609	424	288		55		111			

SA 067870

ama	Carbon	Southwest H.W.		Total
				336
				360
				314
				1010
				324
				312
				288
				364
				288
				264
				336
				2176
				346
				324
				396
8				336
				396
				350
				288
8				2136
				295
	18			324
	92			332
	60	6		288
	6			306
	71			326
	98			288
	345	6		2159

SA 867871

MACH 5,6
MILL C
JULY 1980

Y.25

CHEMICALS USED IN BEATERS

DATE	ALUM #	SIZE #	CLAY #	ANSILEX #	SCM ① #	TITANIUM ②	TI-PURE ③ #	AX # ④	WDB # ⑤	ZEALEX #	TOTAL
7-1	200	675	3800	2350		4000					1102-
2	175	823	5500	1750		3500					1174
3	163	769	3450	2000	3100	750					[illegible]
	538	2267	12750	6100	3100	8250					[illegible]
7	250	628	4200	2600	5250	—					[illegible]
8	225	709	4600	2350	—	6850					1112
9	213	813	4200	3000	—	7275					15301
10	125	685	5400	1000	—	3400					10611
11	300	643	6300	1750	—	6150					1514
12	325	710	5650	1300	—	3650					1163
13	338	1215	2275	1350	400	2025					760
	1776	5403	32625	13350	5650	29350					8815
14	200	2138	—	1600	—	3300					723
15	200	1166	3000	2500	2500	1800					11166
16	175	718	3700	1900	2800	1000					10293
17	201	635	4700	1338	—	2375					9249
18	275	565	5000	2700	1500	2000					12040
19	225	1278	900	1350	—	2250					6003
20	225	680	5900	1350	—	2250					10405
	1501	7180	23200	12738	6800	14975					66394
21	250	724	4650	1500	—	3363					10487
22	200	465	3800	1200	—	2050					7115
23	175	763	4700	1475	—	3250					10363
24	225	738	4100	1350	—	3050					9163
25	250	950	5600	1750	—	4200					12750
26	225	798	4900	1350	—	2950					10223
27	225	905	6100	1400	—	2600					11230
	1550	5343	33850	10025	—	21463					12231

41,213

SA 067872

MACH 7,8,9
MILL D
JULY 1980

x.25

CHEMICALS USED IN BEATERS

DATE	ALUM #	SIZE #	CLAY #	ANSILEX #	GCM ① #	AX ② #	TIPORE ③ #	TITANIUM ④ #	WDB # ⑤	NALCO 680 #	TOTA.
7-1-80	2513	3118	9120	6714	2625				10800	250	3514
2	3320	3130	5420	2250	4950				—	180	192
3	3000	2885	7950	3600	2500				1100	141	211
	8833	9133	22490	12564	10075				11900	571	7556
7	2680	2150	10050	6200	—			11450	1550	291	313
8	3220	2533	14850	5600					12450	252	3890
9	3075	3600	5530	4250	2150				7713	139	2675
10	3190	3333	4940	3050	3650				3100	156	214
11	2635	2312	9000	2050	—				4050	210	202
12	2130	2215	8520	4100	4500				7300	255	290
13	2505	2410	8430	5450	2800				9900	264	317
	19435	18553	61320	30700	13400			11450	46063	1567	2024
14	3075	2588	9860	2400	1200				1850	213	308
15	3650	3508	9330	3250	—				5150	177	250
16	2950	2658	11900	3300	—				7400	243	284
17	3075	3849	8400	3150	7088				—	143	257
18	2410	2160	14550	2400	4350				—	276	261
19	2230	1800	9280	5050	11900				—	243	305
20	2118	1809	5264	4914	11550				2025	232	279
	19508	18372	68584	24164	36088				16425	1527	1846
21	1930	2035	6330	4000	6150				3250	210	239
22	2605	3175	6930	7560	2450			11800	—	210	347
23	2415	1618	6625	10550	7050			7150	700	243	363
24	2075	1333	4413	10850	1200			—	10550	242	3066
25	2385	1833	5900	14050	4875				8150	275	3746
26	2650	2160	8100	5600	9200				—	297	2800
27	2550	1670	10100	4400	6350					255	2530
	16610	13824	48398	57010	37275			18950	22650	1732	21644

SA 067873

[redacted]

CHEMICALS AT W.S. PULPERS

AL	ZEALEX	ALPHA SIZE	DATE	DRY ALUM
40			1-1-80	900
350			2	1100
76		37	3	800
66		37		
71			7	700
05		41	8	800
257		66	9	900
119		40	10	1000
257			11	1100
020			12	700
759			13	900
488		147		
886		31	14	900
065		35	15	900
451		24	16	900
705		81	17	200
146		30	18	800
503		—	19	800
912			20	900
668		201		
3905			21	700
230		55	22	900
635		10	23	700
663			24	600
468			25	800
007			26	900
325			27	100
649		65		1100

5A

067874

HARRY VOCLER x 278
NO R&D TRIALS

use factors at month-end only

JULY 1980

BLADE COATER CHEMICALS

DATE	LATEX x298 673	DEFOAMER DF-122 #	x818 DC-111	KELGIN H.V. #	TSPP #	CLAY x10 H.T. WET	x227 AMMONIA	UNITEX #	CAMIL # WITE	PG 208 #	74-B PENC
7-1-80	871	24	30	45	48	2315	60	—	500	—	—
7-2	217	84	10	15	41	2970	182	—	250	—	—
7-3	48	—	—	—	20	2676	167	—	200	—	—
7-7	—	80	—	—	25	2345	45	—	250	—	
7-8	—	8	20	30	32	1250	132	—	—	—	
7-9	1085	70	50	75	90	4063	166	—	100	—	
7-10	—	60	—	—	25	2345	160	—	250	—	
7-11	195	88	4	—	30	2814	83	—	900	—	
7-12	390	48	30	—	20	2386	62	—	2000	—	
7-14	1302	48	60	90	96	3750	36	136	—	900	
7-15	—	30	—	—	—	2075	127	—	2500	1100	—
7-16	—	R+D	TRIALS	—	—	—	—	—	—	—	—
7-17	—	R+D	TRIALS	—	—	—	—	—	—	—	—
7-18	200	112	16	—	30	3154	68	—	1500	2000	
7-21	—	64	—	—	20	1876	32	—	200	—	
7-22	651	40	30	45	52	2188	113	—	50	—	
7-23	434	16	20	30	32	1250	27	—	—	—	
7-24	542	36	25	28	45	2032	23	—	50	—	
7-25+26	165	88	8	25	42	2815	46	—	250	—	
7-27 DOWN											
	6200 x 298		303 x 8.18			42304 x 10	1529 x 7.27				
	24676 ✓	896 ✓	2479 ✓	393 ✓	642 ✓	423040 ✓	11116 ✓	136 ✓	7000 ✓	4000 ✓	—

SA 067875

#	#	#	#	#	#	x 10	#	#	2.27	8.64	x 8.36	x 4.33
CORE	STAYSIZE 112	CLINSIZE 703	NOPCOSIDE 120	CALGON T	GLYCERINE	NOPCOSANT K	CELLOLOSE	CMC-76	SCRIPTSET 720	FC-807	ATLAS	LATEX 620
	—	—	—	—	—	2	—	—	—	—	—	207
	—	—	—	—	—	—	—	60	—	—	—	1238
	—	—	—	—	—	—	—	—	—	—	—	380
—	600	—	—	—	—	—	—	60	—	—	—	1100
—	—	—	—	—	—		—	—	—	—	—	—
—	—	—	—	—	—	—	—	24	—			440
—	—	—	—	—		—	—	12			—	1100
—	—	—	4	9	—	3	—	90	—	—	—	1320
—	—	—	—	18	—	6	—	60	—	—	—	880
—	1200	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	11	—	—	—	—	—	1100
	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	16	12	—	4	—	72	—	—	—	1320
—	—	—	—	—	—	—	—	—	—	—	—	880
—	—	—	—	—	—	—	—	8	—	—	—	145
—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	12	—	—	—	220
—	4500	—	—	—	—	—	—	60	—	—	—	1100
						26 x 10						11930 x 4.33
—	6300	—	20	1	—	260	—	458	—	—	—	1
	✓		✓	✓		✓		✓				✓

SA 067876

3.98 LATEX 722	BORAX #	LU PROTEIN #	SODIUM NITRATE #	ELVANOL #	BERSET 8.09	Formula 2036
88	16	1500	3200	—	22	
—	75	6500	8000	—	78	
—	60	1200	7200	—	61	
—	75	1500	—	150	37	
—	—	4400	6400	—	28	
—	30	5000	6400	—	43	
—	75	5900	—	—	66	
—	—	2350	800	—	56	
—	60	1200	—	—	30	
—	—	—	3000	525	—	
440	78	4250	4800	150	58	
—	—	—	—	—	—	
—	—	—	—	—	—	
	90	1800			45	35
—	60	1200		—	30	
—	10	3500	4800	—	26	
—	—	550	800	—	4	
—	15	300	—	—	8	
—	75	1500	—	—	37	
528 x 3.98					629 x 9.09	
2101	719	42650	4400	825	5718	72
✓	✓	✓	✓	✓		

JULY 1980 BLADE COATER BROKE

DATE	UNCOATED	COATER	TOTAL	RED TRIAL UNCOATED	RED TRIAL COATED	RED TRIAL TOTAL
7-1	4700	10950	15650			
2	4880	7520	12406			
3	4100	2825	6925			
7	—	4220	4220			
8	1875	9350	11225			
9	3690	6710	10400			
10	1430	4970	6400			
11	1150	13730	14880			
12	500	3400	3900			
14	1850	8180	10030			
15	1100	7800	8900			
16	—	8400	8400			
17	1400	9990	11390			
18	900	7100	8000			
21	—	8400	8400			
22	597	2401	2998			
23	2696	3485	6181			
24	3255	4078	7333			
25	450	1250	1700			
26	—	—	—			
27	—	—	—			
	[illegible]	[illegible]	1[illegible]352			

SA 067878

DEP ARNOLD X250

AUGUST 1980

Mill "C" Chemicals

DATE	ALUM	3960 X TK CLAY	GAL X .25 SIZE	753 CLINSIZE x100	STAZYME x100	J STAYSIZE x100	TiO_2	Ansilex	Defoamer	Paramel	Alum on Tank
7-28-80	750	35640	1590				5450	2150	15	17600	3
29	550	19800	1242				2000	1200	15	20500	2
30	450	23760	1600				2250	1350	125	34840	2
31	500	27720	3093				2750	1750	15	27400	4
1	600	19800	1080				4250	3200	15	—	[illegible]
2	500	19800	948				4575	3200	15		[illegible]
4	750	19800	1260			1000	7800	4400	15		[illegible]
5	300	19800	949				5450	2500	15		1
6	500	23760	1131				6750	3450	15		2
7	750	15840	1061				6850	4300	15		[illegible]
8	800	15840	967				5500	3200	15		[illegible]
9	800	28720	2044				1400	850	15	49600	[illegible]
10	850	31680	2127				1550	550	15	[illegible]	[illegible]
11	1000	23760	1088				5700	2950	10	11840	[illegible]
12	550	23760	883				6950	4350	10		[illegible]
13	600	43560	895				7450	4550	15		[illegible]
14	400	27720	800				8400	5200	15		[illegible]
15	750	23760	873			1000	8250	4425	15		[illegible]
16	650	27720	1096				8800	4200	15		[illegible]
17	650	27720	740				8825	4250	15		[illegible]
18	600	35640	553				5550	2850	15		[illegible]
19	750	23760	741				3000	1875	15		[illegible]
20	700	31680	713				4700	2400	15		[illegible]
21	700	27720	703				6800	4050	15		[illegible]
22	350	23760	642				5650	3900	15		[illegible]
23	850	23760	752				5300	3500	10		[illegible]
24	450	31680	846				7325	4400	15		[illegible]
TOTALS	17100	697960	30417			2000	149225	85000	500	197240	7[illegible]

5A 067879

n on ank	Clay Tank	Nopco Floc 224 L	Stayzone x100 6A	Nalco 7651	Douglas x100 Starch	Clinton x100 6773	Kal Chem KC-064
3	2600			250	1200		
2	2200			50	6000		
2	4600			50	3600	4800	
4	—			100		6000	
2	2500			100		8400	
2	2400			100		7200	
3	3400			100		7000	
1	2200			200		8400	
2	1000			100		9600	
3	1600			50		7200	
3	2200			250		6000	
3	4600		3700			1200	
3	4000		8400				40
3	2600		9600				45
2	2800		8400				110
2	4400		7200				150
2	3400		9700				220
3	2300		8400	200		1000	30
3	2800		7200	100			
3	3200		10800	150			
3	4500		7000	200		6600	
3	1700			300		9600	
3	3500			130		10800	
3	2700			90		10800	30
2	2900					9600	35
3	2800					7200	130
2	3900					10800	215
70	76800		80400	2520	10800	132200	1005
x220							
15400 x 6.45							

OSKAR DIKERTS

AUGUST 1980

Mill "D" CHEMICALS

DATE	GLUG	X20X TIC SIZE	C-7	J X100	CLINCO X100 SS	TiO_2 X50	CLAY X5400 COUNTER	SODIUM ALUMINATE	71-M NALCO
7-28-80	98	6 720		4500	6400	10000			
29	97	7 420		1500	12000	9000			
30	147	4 600		—	6400	9000			
31	98	8 800		—	9600	9000			
1	294	6 720			9600	3000			
2	147	6 720			17700	3806			
3	147	6 720			16000	13250		4	
4	98	8 800			15200	9950			
5	147	2 360			17600	10350		3	
6	57	6 720			14400	6350		1	
7	59	6 720			11100	5100		1	
8	49	3 360			11200	12500			
9	196	4 570		3200	4800	12500			
10	147	3 360		4500	18[illegible]	12500			
11	147	5 720			6400	12500			
12	—	540			14400	12500			
13	195	540			17600	12500			
14	196	300			14400	12500			
15	49	4 360			14400	12500		1	
16	147	3 300			11200	9150		1	
17	98	3 420			15100	6750		1	
18	343	4 360			16500	12800		1	
19	49	4 360			19200	14300		1	
20	98	6 720			11200	11500		1	
21	294	7 900			14400	3000		1	
22	98	5 720			11200	12500			
23	98	2 680			12800	10000			
24	49	5 640			14400	11550			
TOTALS	3592	16150		14000	350500	285650			16

SA 867881

AUGUST 1980 Mill "E" Chemicals

DATE	H.T. CLAY 1K	CAMIL WHITE	CAUSTIC SODA	LATEX K.5 620	TSPP	RED 3X2	AMMONIA 7.27	SALT	BORAX	Napco 1407	FORMALDE HYDE
JULY 28,29,30,31, AUG 1	42500	169	30	7800	91		273		195	520	325
4,5,6,7,8	45000	208	25	9600	112		336		[illegible]	560	400
11 12 13	[illegible]	6	—	7200	164		252		180	400	300
		3		6090	91		273		195	455	325
			55 ✓	30690	458 ✓		1134 (1790.12) 82-44 ✓ 8811.24		810 ✓	1935 ✓	135 ✓
				15345							

THE Taylor S

PIPE—VALV

PIPE FABRICATION

4700 BEAUFAIT AVE.
DETROIT, MICH. 48207
(313) 925-6700

~~Usage~~
Ammonia
926
~~78~~

ALDO-DE	PROCOTE PROTEIN	ALC
325	5200	
400	6400	
300	4800	
325	5200	
1350	21600	

SA 867883

MACH 5+6
MILL C
AUGUST 1980

Chemical Used In Beaters

DATE	ALUM	1.25 SIZE	CLAY #	ANSILEX	① Sem TiO_2	② TiO_2	Ti Pure ③	Ax ④	WBD @	Zealex	Total
7-28-80	250	1323	4800	2350		5900					
29	225	1250	2400	1350		2250					
30	250	1345	3600	1500		2500					
31	225	1203	3500	1850		2900					
1	295	938	4300	3600	2200	2750					
2	280	775	4100	3550		5625					
3	280	1075	4400	4300	3350	6900					
	1805	7909	27100	18500	5550	28825					
4	280	1013	3750	4050	5450	3000					
5	280	735	2500	2700		5600					
6	245	863	4100	4000		7650					
7	245	875	3700	4750		7650					
8	245	800	2500	3550		6050					
9	315	1825	1510	900	700	800					
10	341	1939	1755	488		1613					
	1951	8050	19815	20438	6150	32363					
11	245	998	3040	3150	—	5750					
12	245	655	3760	4450		8350					
13	315	720	7010	4550		7450					
14	245	723	7680	5450		8800					
15	280	670	3570	4275		7950					
16	245	1071	3340	4300	4500	4050					
17	280	679	3710	4150		8675					
	1855	5516	32110	30325	4500	51025					
18	280	588	4960	2850		5500					
19	263	596	5925	1875		2700					
20	280	726	6160	2500	1000	3850					
21	280	583	4760	4050		6000					
22	280	633	4360	3900		5650					
23	280	513	3560	3500		5300					
24	263	605	4830	4150		7250					
	1926	4244	34555	22825	1000	36250					

MACH 7, 8, 9
MILL D
AUGUST 1980

Chemicals Used in Beaters

DATE	ALUM	SIZE 2.25	CLAY	ANSILEX	SCM ①	AX ②	TiO_2 Pure ③	TiO_2 ④	WDB ⑤	Nalco 680	Total
7-28-80	3060	1755	12140	5800	6300					216	[illegible]
29	2710	1638	9800	4575	5125	1800				247	[illegible]
30	3155	2815	7470	3700	—	4950				234	[illegible]
31	3370	1831	9210	2200	—	3800				318	[illegible]
1	2880	3313	10360	1600		3000				318	[illegible]
2	3430	2293	14300	2050	800	3000				354	[illegible]
3	3130	1905	11650	5125	8100	1900				341	[illegible]
	21735	15550	74930	25050	20325	18450				2128	178168
4	2755	3508	6880	5050	9950	5950				303	344 53
5	2720	1848	6970	5950	9450	1000				213	282 11
6	3035	2063	8760	8200	7525	—				204	2978
7	2540	1830	4920	8600	5100	—				240	2323[illegible]
8	2660	1995	7540	4550	7900	[illegible]				255	249 00
9	2160	1966	5300	4050	7550	500				210	217 36
10	2700	2190	3660	4700	5750	2600		600		261	224 61
	[illegible]	[illegible]	[illegible]	[illegible]	32 25	[illegible]		600			[illegible]
11	3115	10290	6000	5450	300	11100				294	365 4[illegible]
12	2545	1733	6990	6650	1650	7350	—	—	—	252	271 70
13	2820	1760	9250	6300	8150	—	—	—	350	282	289 12
14	2620	1530	[illegible]	11550	11950	—	—	1150	150	252	338 2[illegible]
15	3150	1775	4080	10050	11250	—	—	—	—	315	376 2[illegible]
16	3000	1950	7940	6250	9000	—	—	—	—	240	283 8[illegible]
17	3536	1808	10190	5425	6888	—	—	50	—	286	281 8[illegible]
	201 46	20[illegible]46	[illegible]	[illegible]	49188	154 50		[illegible]		[illegible]	[illegible]
18	2835	1518	5885	6850	5095	—	—	—	825	212	232 2[illegible]
19	3120	1830	6910	9350	6650	4300	—	—	800	248	349 0
20	2605	2793	6740	3000	6475	—	—	—	—	179	218 16
21	2250	3095	9050	1350	2800	—	—	—	—	192	187 37
22	2415	3280	[illegible]	1650	—	—	—	—	—	213	200 0[illegible]
23	2205	3060	9600	1500	—	—	—	—	—	192	195 57
24	1970	2600	6320	3800	[illegible]	—	—	—	—	180	[illegible]
	174 00	1[illegible]76	536 55	27500	[illegible]570	4300				[illegible]	[illegible]

Chemicals at W.S. Pulpers

al	UNITANE	Zealex	Alphasize	DATE	DRYALUM
71				7-28	200
95			16	29	800
224			8	30	800
129			24	31	900
171			93	1	800
27			33	2	900
151				3	800
3168			174		
14 53			57	4	1000
8211				5	900
9787				6	900
13230				7	800
24900				8	300
21736				9	200
24 61				10	800
177			57		
6549				11	900
71 70	—	—	—	12	900
89 12	—	—	—	13	900
38 22	—	—	—	14	1000
376 20	—	—	—	15	500
283 80	—	—	—	16	500
281 83	—	—	—	17	600
236					
232 20	—	—	—	18	800
349 08	1200	—	—	19	600
18 16	—	—	— 24	20	700
187 37	—	—	—	21	1000
200 08	3300	—	—	22	1000
195 57	3000	—	—	23	1000
224 20	3000	—	—	24	1000
[illegible]	10500		24		
	[illegible]		[illegible]		

5A 067886

MACH 5+6
MILL C
AUGUST 1980

Pulp Used in Hydropulpers

DATE	Colgas SW	Allied SW	Alabama HW	Alabama SW	Westvaco Craft HW	Coatbrook SW	Prince George SW	Gulf Sup	Nekoosa Inotex 90	Kolp HW	Eddy SW
7-28-80	70	112	73	12	85	68					
29	54	36	18	—	26	104					
30	26	74	43	—	15	100	51				
31	130	81	16		2		48	12			
1	117	32	—		71		120				
2	108	27	—		16		90				
3	98	50			33		90				
TOTALS	603	412	150	12	140	272	399	12			
4	32	80			48		90				
5		99			48				85	33	
6		43			22				143	7	20
7		22		20	20		75				88
8				56	43						12
9			34	68	11						164
10			32	64							52
TOTALS	32	244	66	208	192		165		228	40	336
11				96	64	20					
12	51			124	79	34					
13	54			108	72	36					
14	45			104	4	30					
15	51					34					
16	39				6	44					
17						26	39	9			
TOTALS	240			432	225	224	39	9			
18				80		20	85				
19				160			—				
20				180			57				
21				136			150				
22				116			75				
23				76			90				
24				165			71				
TOTALS				913		20	528				
	875	656	216	1565	557	516	1131	21	228	40	336

SA 88-288

SW	Grande Puare	Nebosa SW	Marathon SW	Pulp Subs	Southwest HW	TOTAL
						360
						238
						309
						289
						292
						241
						271
						2000
						250
						265
20						235
88						225
12	60	44				215
164	10	1				287
52			120	14		282
336	70	44	120	14		1759
	60		52			292
						288
						270
		48				231
		128				213
		146				235
		168			13	255
	60	490 52	52		73 21	1784 258
					—	160
					15	252
					36	322
					15	206
					16	182
					16	252
		52			119	1632
36	130	586	172	14	132	7175

MACH 7,8,9
MILL D
AUGUST 1980

Pulp Used in Hydrapulpers

DATE	Southwest SW	Panama HW	Carbon	Allied SW	Allied HW	Superior	Marathon	Crestbrook	Grande Prairie	Lindrop	[illegible]
7-28-80	114	126	108	46	28						
29			80	177	119						
30			207	72	69						
31			141	120	87						
1				120	84	144					
2				226	138	75					
3				176	102		130				
TOTALS	114	126	536	937	627	219	130				
4				120	84		120				
5				228	114		18	66			
6				296	148		12				
7				160	88				88		
8				140	84				88		
9				112	88				88		
10				106	107				99		
TOTALS				162	713		150				
11				108	149				109	20	
12				84	77				120	103	
13				210	72	48				48	
14				156	60	132					
15				124		212					84
16				96	14	166	24				
17				128	60		10	100			
TOTALS				906	432	558	34	100	229	171	84
18				80	58			82			
19				82	71				50	49	
20				60	60					168	
21				148	126					204	
22				156	114	96				90	
23				138	98	156					
24				114	82			72			
TOTALS				778	609	252		154	50	511	

SA 867889

[illegible]	Colgan	Eddy	Domtar	Dryden	Total
					422
					376
					348
					348
					348
					439
					408
					2689
					324
					426
					456
					336
					312
					288
					312
					[illegible]
					386
					384
					378
					348
84					420
	36				336
	68				366
84	104				2618
	36	20	60		336
	36		72		360
	20		40		348
					478
					456
				4	396
				104	372
	92	20	172	108	2746
[illegible]	196	20	172	108	10507

SA 067890

MACH 7,8,9
MILL D
AUGUST 1980

Pulp Used in Hydrapulpers

DATE	Southwest SW	Panama HW	Caribou	Allied SW	Allied HW	Superior	Marathon	Crestbrook	Grande Prairie	Kamloops	Western	Celg
7-28-80	114	126	108	46	28							
29			80	177	119							
30			207	72	69							
31			141	120	87							
1				120	84	144						
2				226	138	75						
3				176	102		130					
TOTALS	114	126	536	937	627	219	130					
4				120	84		120					
5				228	114		18	66				
6				296	148		12					
7				160	88				88			
8				140	84				88			
9				112	88				88			
10				106	107				99			
TOTALS				1162	713		150	[illegible]	[illegible]			
11				108	149				109	20		
12				84	77				120	103		
13				210	72	48				48		
14				156	60	132						
15				124		212					84	
16				96	14	166	24					
17				128	60		10	100				
TOTALS				906	432	558	34	100	229	171	84	
18				80	58			82				
19				82	71				50	49		
20				60	60					168		
21				148	126					204		
22				156	114	96				90		
23				138	98	156						
24				114	82			72				
TOTALS				778	609	252		154	50	511		
	114	126	536	3783	2381	1029	314	320	642	682	84	1[illegible]

5A 067891

tern	Calgary	Eddy	Dominion	Dryden	Total
					422
					376
					348
					348
					348
					439
					108
					2689
					324
					426
					456
					336
					312
					288
					312
					1
					386
					384
					378
					348
84					420
	36				336
	68				366
84	104				2618
	36	20	60		336
	36		72		360
	20		40		348
					478
					456
				4	396
				104	372
	92	20	172	108	2746

SH 867892

H. Vogler x278
No R+D Trials
AUGUST 1980

Blade Coater Chemicals

DATE	LATEX x3.98 673	DEFOAMER DF 122 #	DC-111 x8.18	KELGIN # H.O	TS89 #	CLAY HT WET x10	Ammonia x7.27	UNITEX	CAMIL # White	PG 280	74-B PENCORE
7-28-80	1094	30	52	130	102	3160	36	68			
29	651	32	30	45	48	1875	78	102			
30	—	128			45	3752	199		400		
31	—	96			40	3752	124		400		
1		84			25	3225	60		1250		
2	DOWN										
3	DOWN										
4	—	28				1229	28		50		
5	367	128	22	15	36	2756	53	34	1100	1500	
6	1552	34	80	90	96	4175	61	204	1500	2500	
7	944	26	57	38	40	2245	56	34	2400	4000	
8-12	1500	74	120	—	—	2550	150		9000	10000	120
13	868	16	40	60	64	2500	24	136			
14	816	16	38	70	65	2345	24	102			
18	877	20	42	115	84	2505	30	34		500	
19	482	8	18	40	33	1095	12	34			
20	495	12	24	25	51	1410	18				
21	747	26	32	90	62	2115	21			1200	
22	—	60	—	—	25	2345	40	250	—	—	—
23 } DOWN											
24 } DOWN											
TOTALS	10393	818	555	768	816	43034	1014	998	16100	24200	120
	x3.98 = 41364		x8.18 = 4540			x10 = 430340	x7.27 = 7372			✓	✓
						= 32630 ✓					

SA 067893

'Y-B UCORE	STAYSIZE 112	CLINSIZE 703	NOPLOSIDE 120	CALGON T	GLYCERINE	NOPLOSANT K x10	# CELLULOSE	CMC-7L	x 2.27 SCRIPTSET 720	x8.64 FC-807	x 8 36 ATLAS	x 4.2 LATEX 6a
								96				176(
	2800							96				115
	3500					4		60				154(
	3800					5						
				9		3		48				88(
				15		5						
				24		8						
1200	800			90		30						
								25				
	4000											
	2400							100				
	3600							60				110(
	7200											
1200 ✓	28100			138		55 x10=550		485				7094 x433=307

LATEX x3.98 722	BORAX #	LV PROTEIN #	SODIUM NITRATE #	ELVANOL #	BERSET x9.09	FORMULA 2036
		2200	3200		14	
	120	7350	7200		92	
	120	4600	8000		74	
175	107	2100	4000	250	54	
DOWN						
DOWN						
176	46	900	4800		23	
	60	1200			30	
18				150		
19						
20			8000			
1	-	-	4800	300	-	-
22	-	75	1500	7200	-	38	-
			14400			
351	528	19850	61600	700	325	
x3.98 = 1397					x9.09 = 2954	

AUGUST 1980 Blade Coater Broke R+D Trial

DATE	UNCOATED	COATED	TOTAL	UNCOATED	COATED	TOTAL
7-28-80	3950	5470	9450			
29	3700	5740	9440			
30	2050	9050	11100			
31	1500	10600	12100			
1	1000	15200	16200			
4	500	9600	10100			
5	500	21500	22000			
6	1700	12300	14000			
7	3400	10000	13400			
8	DOWN					
9						
10						
11						
12						
13	800	2400	3200			
14	3150	7500	10650			
18	2410	4835	7245			
19	2475	4695	7170			
20	2900	6000	8900			
21	2700	4350	7050			
22	1675	5800	7475			
23	Down					
24						
TOTALS	34440	135040	169480			

SA 067896

ED ARNOLD X250

SEPTEMBER 1980

MILL "C" CHEMICALS

DATE	ALUM	3960 X 7K CLAY	GAL. X .25 SIZE	753 X100 CLINRZE	X100 STAYZME J	X100 STAYZME 112	TiO2	ANSILEX	DEFOAMER	PARAMEL	ALUM ON TANK
AUG 25	800	31680	804	12000			4250	1950	15		
26	750	27720	797				4800	3100	15		
27	400	15840	1741				3850	2300	15	35600	
28	1150	23760	1884				2400	1800	15	22540	
29	700	35640	723				2125	1700	15		
30	DOWN						—				
31							—				
1							—				
2	1100	23760	1213			2000	7450	4300	15		
3	650	27720	996				9100	4650	15		
4	775	51480	843				6200	2825	15		
5	950	47520	781				5600	3400	15		
6	1400	31680	2113				4650	2700	15	22600	
7	850	23760	2813				3750	1950	15	13200	
8	950	27720	1063				8050	3800	15	11380	
9	750	31680	950				3400	2150	15		
10	650	39600	683				4250	2050	15		
11	700	55440	860				4350	2250	15		
12	900	31680	1003				8950	4500	15		
13	850	23760	753				8650	4500	15		
14	1350	31680	1299				1600	1300	15	23000	
15	1500	27720	1915				400	800	10	30240	
16/17	1825/400	31680/26600	559/485	—	—	— / 1000	3400/4850	2600/2900	15/15	2100/—	3/2
18	550	35640	305	—	—	1000	4150	2600	15	—	
19/20	500/450	35640/23760	653/377	—	—	—	4500/3000	2725/1500	15/15	—	2/
21	750	31680	958	—	—	4000	8150	3800	15	—	3
22/23	900/250	15840/15840	1049/1011	—	—	2000/8000	2700/7800	3650/3200	15/15	—	3/2
24	650	23760	848			10100	5800	2400	15		
25/26	625/625	23760/23760	1087/719				9200/9775	4000/4150	15/15		3/3
27	550	31680	903				8300	4000	15		3
28	700	31680	1018				8300	3500	20		3
				12000		33100	177750			4118	43

SH 867897

ON NK	CLAY TANK	NOPCO FLOC 224 L	x100 STAYZME GA	NALCO 7651	x100 DOUGLAS STARCH	x100 CLINTON 677B	ICAL CHEM KC-064	Alpha Size
3	3100						80	
3	2900		8000			1600	80	
2	2100		4800				185	
4	2200		4800				95	
3	4200		6000				20	
3	3000		13600			2000	180	
3	2800		12000				105	
3	6000		4600			9800	105	
4	5200					14400	150	
2	3100					8400	100	
1	2600		1400			4600	100	
4	2700		7200				75	
3	3900		9600				100	
2	4900		8400				225	
3	6600		14400				300	
4	3300		10800				250	
3	2700		8400				300	
5	3900		600				150	
6	3600				4800		100	60
3/2	4100/4600	—	—	—	10800/4600	—/1000	50/300	—
2	4400	—	10600	—	—	—	175	—
2/1100 SAL	3600/3100	—	12000/6000	—	—	—	125/25	—
3	3600	—	7600	—	—	—	75	—
3/2	2300/1800	—	1000/—	—	—	—	150/200	—
3	2400		2400				100	
/3	3100/2500		10800/10800				150/150	
	3200		9600				150	
3	4300		10700		400		100	
	112 200		181 470		25 100	41 800		

OSKAR DIKERTS

SEPTEMBER 1980

Mill "D" CHEMICALS

DATE	GLUE	X20XTK SIZE	C-7	J X100	CLINCO SS X100	TiO_2 X50	CLAY COUNTER X5400	SODIUM ALUMWATE	71-M NALCO
AUG 25	88 5	640			20800	10450			
26	98 5	640			9600	9000			
27	98 5	640			17600	10000			
28	98 3	360			16000	8500			
29	98 3	360			9600	8750			
30	DOWN								
31	DOWN								
1	DOWN								
2	56 6	720			11200	6350			1
3	58 6	720			14600	4800			2
4	60 6	720			11200	5850			6
5	147 3	360			17600	12500			—
6	147	240			19200	12500			—
7	98	360			19200	12500			—
8	196 4	360	1		12800	10000			—
9	98 4	360			9600	12500			1
10	98 6	600			14400	12500			—
11	98	480			9600	12500			—
12	98 4	360			7000	5000			—
13	147	240			16000	6050			7
14	147	360			14600	13700			1
15	98	240			18600	14900			1
16/17	147/98	360/360	—	—	12400/12600	18050/11200	—		1/1
18	98	360	—	—	12800	5150	—		2
19/20	98/98	360/360	—	4400/4800	9600/4800	10000/10500	—	—	
21	98	240	—	6400	3600	9500	—	—	
22/23	49/98	240/680	—	4800/8000	2400/4800	10000/10000	—	—	
24	98	360	—	11200	6400	9500	—	—	
25/26	147/196	240/480			17600/14400	10000/12750			
27/28	196/98	240/1200			14400/11200	8500/8650			2/-
						322150			

SA 867899

Mill "E" CHEMICALS

SEPTEMBER 1980

DATE	H.T CLAY TK	CAMIL WHITE	CAUSTIC SODA	LATEX 620 X.5	TSPP	RED BXP	X7.27 AMMONIA	SALT	BORAX	NOPCO 1407	FORMAL HYDE
AUG 25,26,27,28,29	40000	156		7200	84		252		180	450	[illegible]
Sept 2,3,4,5	37500	169		7800	91		273		195	520	[illegible]
8,9,10,11,12,13	37500	169		7800	191		273	200	195	520	[illegible]
15,16,17,18,19,20	45000	208	25	9600	112		336		240	640	[illegible]
22,23,24,25,26,27	40000	195		8000	205		315		225	600	3
	200000	897	25	41400	683		1449				
				20700			10534	200	1035	2730	17.

SA 067900

ORMALDE-HYDE	PROCOTE PROTEIN	ALC.
300	4800	
325	5200	
325	5280	
400	6400	
325	6000	
	27600	
1700		

SA 067901

MACH 5+6
MILL C
SEPTEMBER 1980

CHEMICALS USED IN BEATERS

DATE	ALUM	X.25 SIZE	CLAY #	ANSILEX	SCM TiO_2 ①	TiO_2 ②	TiO_2 PURE ③	Ax ④	WBD	Zealex	TOTAL
Aug 25-80	340	765	5600	1950		2800					114.55
26	350	643	3700	3300		6900					148.92
27	315	1458	400	2200		2650					70.23
28	315	1588	—	1800		2350					105.3
29	300	620	4500	1700		2125					124.5
	20	50.74	14								
2	350	825	3100	4700		8150					171.25
3	280	823	3550	4750	8600	700					182.0
4	350	623	11450	4050		6300					227.73
5	590	675	3200	3400		5600					134.65
6	367	1669	5900	2850		4950					157.36
7	395	2440	4300	1850		2550					115.3
	32	705	1[illegible]0	[illegible]		[illegible]					
8	385	1070	4250	3900		7950					175.55
9	315	870	7200	2150		3600					141.35
10	465	863	6300	2500		5150					152.79
11	315	680	7600	2250		4250					150.95
12	350	770	3400	4700		7900					171.20
13	315	740	3200	3200		4450					119.05
14	455	1493	3550	1300		1700					84.98
	2[illegible]0	[illegible]86	355[illegible]	[illegible]		34[illegible]					
15/16	280/420	560/453	1200/4600	800/2100	—	400/3300	—	—	—	—	3240/[illegible]
17/18	385/[illegible]	418/493	5650/6150	2900/2600	—	5600/4200	—	—	—	—	14[illegible]
19/20	351/263	611/375	5675/5750	2925/1500	675/—	3825/3000	—	—	—	—	14062/[illegible]
21	315	725	5200	4050	1000	7600	—	—	—	—	1[illegible]890
	23[illegible]9	3635	32[illegible]	175[illegible]	15[illegible]75	[illegible]	—	—	—	—	
22/23	245/245	800/833	3000/2950	3650/3000	—	7700/7[illegible]0	—	—	—	—	16095/[illegible]
24/25	280/280	708/890	4600/3500	2400/4100	9400	5700/					13[illegible]
26/27	192/170	660/735	4400/5600	3850/4300	7825/8550						1692/[illegible]
28	685	770	4800	3400	4300	2550					16505
	[illegible]17	5376	[illegible]0	2[illegible]00	[illegible]015	[illegible]700					[illegible]
		ok									
		03 13									

TAL	ALPHASIZE
4 55	
4893	
7023	
6053	
9245	
1	
7125	
18703	
12773	
3465	
157.36	
15.35	
37	
175.55	
141.35	
152.78	
5095	
7120	
1905	
8498	
136	
11773	
14028	
8926	38
18890	
15	38
15478	
18120	
19355	
05	

SH 067903

MACH 7+8+9
MILL D
SEPTEMBER 1980

AT MONTH END

CHEMICALS Used in BEATERS

DATE	ALUM	SIZE X.25	CLAY	ANSILEX	① SCM TiO2	② AX	③ TiO2 PURE	④ TiO2	⑤ WBD	Nalco 680	Total
8-25	30 90	104 80	76 80	71 50	40 00	—	—	—	—	279	377 2[illegible]
26	27 60	89 30	75 30	50 00	87 00	—	—	—	—	276	331 9[illegible]
27	41 20	92 60	102 00	32 50	78 50	—	—	—	—	314	349 9[illegible]
28	27 00	72 60	135 20	48 00	63 00	—	—	—	—	297	348 7[illegible]
29	31 50	67 10	144 70	31 00	28 00	—	—	—	—	324	305 5[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]		—	—	—	—		[illegible]
2	32 00	60 00	84 80	42 50	63 50	—	—	—	—	300	290 8[illegible]
3	25 00	72 30	85 20	72 50	46 50	—	—	—	—	276	304 2[illegible]
4	25 90	91 70	99 10	43 00	53 50	—	—	—	—	282	316 02
5	24 50	59 00	116 40	27 00	28 00	—	—	—	—	282	257 72
6	24 70	55 80	89 20	61 50	67 50	—	—	—	—	249	301 19
7	29 40	67 60	133 30	44 50	42 00	—	—	—	—	324	320 2[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—	—		—		[illegible]
8/9	2910/2590	6550/9070	13260/10560	2450/5250	6100/8900	—	—	—	—	315/288	33585/3665
10	30 80	153 80	64 90	71 50	74 00	—	—	—	—	300	398 02
11/12	2613/2810	10485/6760	7935/10240	4750/4300	5575/2600	—	—	18 50	—	262/282	31634/[illegible]
13	26 25	22 00	70 10	74 60	71 00	—	—	—	—	294	316 89
14	23 40	71 60	72 50	85 50	137 00	—	—	—	—	264	392 64
	126 98	646 05	627 45	397 10	[illegible]	—	—	18 [illegible]	—	[illegible]	1414 00
15/16	2310/2580	8005/7260	5725/3420	7500/5950	14650/12650	—	—	—	—	232/240	38402/37100
17	27 75	68 90	89 95	64 25	26 75	—	—	—	75 50	275	355 85
18/19	2585/2460	6660/6320	14100/8320	1900/8350	1400/1900	7575	—	900/800	2050	285/282	29880/34707
20	18 75	48 50	52 40	51 75	59 00	12 50	—	—	—	188	244 78
21	24 00	38 40	50 00	79 00	10 650	—	—	—	—	240	302 30
	171 85	438 25	508 00	42 00	515 25	38[illegible]		17 00		17[illegible]	2304 02
22/23	2190/3295	5340/10100	5250/6690	6800/6000	6750/2900	3800				218/192	26549/31977
24	26 10	52 20	97 00	41 00	—	26 50	—	—	—	258	245 38
25/26	2820/2580	5640/5580	9000/8080	6450/8050	—	4100/15250				292/258	283.2/39698
27	28 95	67 80	110 75	68 75	—	82 25				287	36137
28	32 90	124 80	77 00	42 00	—	86 90				177	36447
	[illegible]	511 40	571 4[illegible]	4[illegible]475	1650	425 75				[illegible]	[illegible]

need to be mult x.25

CHEMICALS AT W.S. PULPERS

Total	Uatane	Zealex	Alphasize	DATE	DRY ALUM
37729	5050	—	—	8-25	400
331 96	—	—	—	26	800
349 94	—	—	—	27	1000
48 77	—	—	—	28	1000
305 54	—	—	—	29	500
				30	
290 80	—	—	—	31	POWN
304 26	—	—	—	1	
316 02	—	—	—	2	200
257 72	—	—	—	3	900
301 19	—	—	—	4	900
320 24	—	—	—	5	600
[illegible]	—	—	—	6	700
585 / 36658	—	—	—	7	700
98 02	—	—	2	8	700
1639 / 34772	—	—	10	9	500
316 89	—	—	—	10	1100
392 64	—	—	—	11	900
14 00	—	—	12	12	800
02 / 37100	—	—	—	13	800
585	—	—	—	14	800
80 / 34707	—	—	—	15	800
44 78	—	—	—	16/17	600/800
302 30	—	—	—	18/19	800/900
04 02	—	—	—	20/21	800/200
49 / 31977	—	—	—	22	400
45 38	—	—	—	23	600
.2 / 39698				24	700
137				25	800
3497				26	700
[illegible]				27	800
				28	800

SA 067905

MACH 5+6
MILL C
SEPTEMBER 1980

Pulp Used in Hydropulpers

DATE		Prince Albert	Southwest HW	Allied SW	Allied HW	Dryden	Brunswick BKW HW	Marathon SW	Eagle Pub	Western HW	[illegible]	[illegible]
AUG.	25	100	18	128		16	4					
	26	105	21	160								
	27	75	15	16				152				
	28	70	14			20		173	2			
	29	60	39	121					27			
	30 } DOWN											
	31 }											
		410	107	[illegible]	—	6	[illegible]	[illegible]	[illegible]		—	
	1	DOWN										
	2		6	190		90				15	15	
	3		3	184					16	15	90	
	4		64	200					16		72	
	5		48	164						52	60	3[illegible]
	6			94				112		58		[illegible]
	7			42				184		21		6[illegible]
		—	121	874	—	90	—	[illegible]	[illegible]	[illegible]		1
	8/9			166/140				72/		20/16		60/
	10/11			150/200					/11	35/19		
	12/13			178/176	12/				9/16	18/21		
	14		16/	100/				166/	14/	20/		
		—	16	11[illegible]	12	—	—	[illegible]	[illegible]0	11		
	15/16	—	36/40	36/98	—	—	—	30/	—	—	180/86	—
	17/18	—	42/46	93/49	—	—	—	—	—	—	—	—
	19/20	—	30/6	34/	—	—	—	—	—	—	—	
	21	10	21	28	—	—	—	—	—	—	—	35
		10	221	338	—	—	—	[illegible]	—	—	[illegible]	
	22/23	80/70	39/35									12[illegible]/84
	24/25	75/	15/	99/164	33/							
	26/27	70										
	28	85										
		380	87	203	33							
		800	554	2950	45	126	4	889	11	310	513	499
		465	537	503	497	471	460	454		432	525	191

SA 067906

[illegible]mtoop	Celgar	Triangle Pinnacle	EDDY	SUPERIOR	Nekoosa SW	TOTAL	Mexico Falcon
						266	
						286	
						258	
						279	
						247	
						16	
						316	
						308	
						352	
30						354	
82						346	
63						310	
175						14 x 6	
60	30/90					348/246	
	87/95					272/325	
	99/73					312/286	
	20	26				362	
40	110					2151	
		36/40	20			318/294	
		42/45	116/152			252/283	
		20	140/125	18/66		242/192	36.8
35			25	162		281	
35		181	578	246		1718	
127/84						246/189	
18		25/90	16		32	265/242	
		50	10/14		136/136	196/220	
			17		132	234	
11		16	57		436	1592	
499	490	375	635	246	436	8983	
491	485	559	388	518	505		

MACH 7, 8, 9
MILL D
SEPTEMBER 1980

Pulp Used in Hydropulpers

DATE	Dryden	Eddy	Allied SW	Allied NW	Crestbrook	Ultra Tex	Marathon	Celgar	Dryden/Tarte	Kamloops	Fau
8-25	12	36	82	53	27						
26		90	210	96							
27		78	244	122							
28		72	200	106		6					
29			140	118		54					
30	} Down										
31											
	12	276	876	415		60	-	—			
Sept. 1	} Down										
2		62	180	155	54	6					
3		59	125	164							
4		144	137	22							
5			216	192							
6		81	207	87							
7		160	159	20							
	—	506	1 [illegible]	640	54		—	—	—		
8/9		173/142	172/142	25/52							
10/11		119/	95/113	73/54			106/198				
12/13			122/123	84/46	70		172/52				
14			97		70		66	84			
	—	431	[illegible]	338	200	—	5[illegible]	[illegible]	—		
15/16		63	71/68	23/29				147/36	24/20		
17/18		32/40	83/85	59/32					46/88		
19/20		48/	96/57	68/40					100/92	18	—
21			913	67					95	4	
	—	200	[illegible]	358	—	—	—	[illegible]	15		
22/23			80/56	73/98					99/33	141	
24/25			118/46	86/102							
26/27			164/163	88/91					/12		
28			65	102					110		
			809	640					25	141	
	12	1416	4155	2471	281	66	554	267	919	153	296
	471	388	503	497	526	474	454	488	559	119	
	5652	549 409	2089 925	[illegible]	[illegible]						

SA

06,908

SA 062909

JOY HW	PRINCE ALBERT	Totals
		210
		396
		444
		384
		312
		457
		348
		303
		408
		325
		339
		22 20
		370 / 336
		393 / 365
		342 / 351
		317
		2474
		279 / 316
		322 / 315
		312 / 201
		259
4		2004
4	24	259 / 372
	40 / 64	246 / 312
	66	363 / 382
18 / 121		394
117	196	2306
786	196	10,280
290	465	
30		

5217606

H. Vogler
~~[illegible]~~
September 1980

Blade Coater Chemicals

DATE		LATEX x398 673	DEFOAMER DF122	DC-111 x8.18	KELGIN # H.O.	TSPP #	CLAY H.T. WGT. X10	AMMONIA x7.27	UNITEX	CAMIL WHITE #	PG 280	74-B PENC
AUG.	25		36			15	1407	24		100		
	26	450	44	36		15	2172	69		2850	1500	
	27	584	38	32	30	42	2443	43	68	1000	1500	
	28	434	8	20	30	32	1250	12	68	—		
	29	—	40			10	1767	36		1100		
	30											
	31	DOWN										
	1											
	3	400	22	32	—	—	951	58		2700	4000	
	4	250	34	20		10	1363	36		1600	2500	
	5	—	12	—	—	5	469	8		50		
[illegible]	8	934	74	60	30	47	3507	86	68	3150	5000	
	9	375	30	24	—	5	979	38	—	1850	3000	
	10	—	36	—	—	5	1300	28	—	1050		
RED	11	—	10				268	11		300		
RED 1/3 day	12	—	82			5	468	8		50		
[illegible]	13		48			5	1714	38		1550		
	15		24			5	884	18		550		
	16	—	24	—	—	10	938	16	—	100	—	—
	17	217	28	10	15	26	1563	22	34	100	—	—
	18	434	8	20	30	32	1250	12	68	—	—	—
	19	73	14	4	5	10	676	10	11	50		
	20	—	24	—	—	10	938	16	—	100		
	22	—	36	—	—	15	1407	24	—	150		
	23	—	12	—	—	—	415	24	—	500	—	—
	24	—	24	—	+	10	958	21	—	100	—	—
	25	—	12			15	1407	24		150		
	26	—	24	—	—	10	938	16	—	100	—	
	27	217	16	10	15	21	1094	14	34	50		
		4386	690	268	155	360	32527	712	351	19300	20000	
		17456		2192			325270	5176				

SH 067910

-B ENCORE	STAYSIZE 112	CLINSIZE 703	NOPCOSIZE 120	CALGON T	GYLCERINE	x10 NOPCOSANT K	# CELLULOSE	CMC 7L	x7.27 SCRIPTSET 720	x8.64 FC-807	x8.36 ATLAS	x4.23 LATEX 620
	400							36				660
				27		9		36				660
				9		3		24				440
						4		48				880
				24		10		7				132
				15		5		24				440
								12				220
			1	30		10		36				660
	400			18		6		12				220
	4000					4		36				660
	1600					1		8				132
								12				220
						6		48				880
						2		24				440
	—	—	—	—	—	—	—	24	—	—	—	440
	—	—	—	—	—	—	—	24	—	—	—	440
	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	12	—	—	—	220
	—	—	—	—	—	—	—	24	—	—	—	440
	—	—	—	—	—	—	—	36	—	—	—	660
	2300	—	1	—	—	2	—	40	—	—	—	220
	—	—	—	—	—	—	—	24	—	—	—	440
	—	—	—	—	—	—	—	36	—	—	—	660
	—	—	—	—	—	—	—	24	—	—	—	440
	4400	—	1	—	—	—	—	12	—	—	—	220
	13100	—	3	127	—	62	—	619	—	—	—	10824
						60						46368

LATEX 722 x3.98	BORAX #	LV PROTEIN #	SODIUM NITRATE #	ELVANOL #	BERSET x9.09	FORMULA 2036
	45	900	800		23	
	45	900			23	
	30	600			15	
176	64	1200			31	
165	10	200			5	
	30	600			15	
	15	300			8	
	45	900			23	
	15	300	800		8	
176	57	900	7000	300	24	
147	10	200	3200		5	
	15	300			8	
264	63	1200			32	
88	31	600			16	
–	30	600	–	–	15	
–	30	600	–	–	15	
–	–	–	–	–	–	
–	15	300	–	–	8	
–	30	600	–	–	15	
–	45	900	–	–	23	
113	16	650	3200	300	8	
92	30	600	–	–	15	
–	45	900	–	–	23	
–	30	600	–	–	15	
–	15	300	8800	–	8	
1221	761	15350	23600	600	381	
4860					3463	

SEPTEMBER 1980 — Blade Coater Brake — R+D TRIAL

DATE	UNCOATED	COATED	TOTAL		UNCOATED	COATED	TOTAL
8-25	800	3600	4400				
26	800	3600	4400				
27	800	4800	5600				
28	1000	3300	4300				
29	800	2800	3600				
30			DOWN				
31							
1							
2	800	3600	4400				
3	R+D	Trials			600	2400	3000
4							
5	1200	3000	4200				
6	DOWN						
7							
8	600	3000	3600				
9	1100	2400	3500				
10	1000	3000	4000				
11	R+D	Trials		11	800	4000	4800
12	800	5000	5800				
13	400	3000	3400				
15	450	4000	4450				
16	2150	2000	2250				
17	500	4000	4500				
18	800	3200	4000				
19	800	4500	5300				
22	300	4900	5200				
23	—	5000	5000				
24	—	—	—			5000	5000
25	300	5000	5300				
26	—	2000	2000				
27	—	5000	5000				

SH 867913

ED ARNOLD x250

OCTOBER 1980 X at month-end X Mill "C" CHEMICALS

DATE	ALUM	3960 x TK CLAY	GAL x .25 SIZE	753 CLINSIZE	X100 STAYZME S	STARCH X100 STAYZME 112	TiO_2	Ansilex	Defoamer	X Paramel	Alum To
9-29	750	43560	3631				8500	1800	15		
9-30	700	31680	3195				4525	1875	15		
10-1	1050	23760	2952				6640	1500	15		
10-2	850	23760	3675				5300	1650	15		
10-3	700	35640	2645				7710	1200	15		
10-4	725	35640	3990			1000	1575	800	15	14000	
10-5	725	31680	6580			600	—	—	15	35880	
10-6	600	15840	3590			600	4275	1400	15	31240	
10-7	650	27720	3104				7270	3375	15	1500	
10-8	600	19800	3301				6685	3050	15	—	
10-9	500	23760	2751				9630	4400	15	—	
10-10	700	27720	3500				8500	4000	15		
10-11	950	27720	3570				6255	2300	15		
10-12	450	29520	2861				7575	2600	15		
10-13	650	33210	3300				6700	1850	15	3500	
10-14	500	22150	2640				4175	1400	—	—	
10-15	500	29520	3180				3600	1700	—	—	
10-16	500	29520	3300			2000	6180	3000	15		
10-17	650	29520	3150				4495	1950	15		
10-18	850	22140	2061				4545	2050	15		
10-19	750	19800	2331				3780	1850	15		
10-20	700	27720	1791				2880	1700	15		
10-21	950	27720	1880				3215	2075	15		
10-22	750	27720	2701				4210	1825	15		
10-23	1000	35640	3740				3555	2150	15		
10-24	750	27720	3650				3425	2100	15		
10-25	550	35640	3270				4545	2450	15		
10-26	700	31680	3121				3490	3000	15		
			89460								
	19750	797520	325 = 22365								

(31, 220)

SA 067914

On wk	Clay Tank	Nopco Flo 224 L	Stayzme GA (Starch ×100)	Nalco 7651	Douglas Starch (Starch ×100)	Clinton 677 B (×100)	Kal-Chem KC-064 (X)	Alpha-Size	Sodium Nitrate (X)
3	5300				12000		75		
3	3800				10800		50		
4	3100				7200		125		
3	3500				10800		150		
3	3800				9600		100		
2	3800				8400		50	12	
3	3200				6100		75		2200
3	2200				2400		125	90	2200
3	3800				10800		50		
3	2000				7200		50		
2	3400				9600		175		
3	2700				10800		125		
3	3100				9600		100		
3	3600				9600		50		
3	3100		9700		3600		100		
2	—		720		—		50		
2	3500		3200		5200		50		
2	5400				9600		200		
3	3700				8400		150		
3	2500				9600		250		
3	1800				6000		300	-	
3	3700		5300		1900		200	36	
4	3000		8400		—		175	45	
3	3400		7200		—		275	36	
4	3600		6000		—		200	-	
3	2900		7200				250		
2	4000		9600				250		
3	3700		7800				300		
15									
15									
	92100		64420	—	164200		4050 ×8	219	[illegible]

SA 067915

OSKAR DIKERTS

OCTOBER 1980

Mill "D" CHEMICALS

DATE	GLUE	X120 X77C SIZE	G7	J X100	X100 CLINCO 55	X50 TiO_2	CLAY X5400 COUNTER	SODIUM ALUMINATE	71-M NALCO
9-29	195	160			6400	11500		1	
9-30	147	120			14400	10500		1	
10-1	98	480			13200	11150		1	
10-2	—	960			12000	14300		2	
10-3	—	840			12800	12500		—	
10-4	—	240			14400	12500		—	
10-5	—	480			12800	12500		—	
10-6	—	360			9600	12500			
10-7	147	360			9600	10000			
10-8	—	480			12800	12500			
10-9	147	600			11200	10000			
10-10	—	360			12800	8500			
10-11	—	360			9600	13850		1	
10-12	49	600			4800	9500		1	
10-13	146	600			4800	10750		1	
10-14	98	240			9600	11100		1	
10-15	147	360			9600	12200		1	
10-16	245	360			9600	13500		1	
10-17									
10-18	98	480			8000	10500			
10-19	196	480			8000	10000			
10-20	147	240			4800	9500			
10-21	98	360			4800	8500			
10-22	146	480			3200	8500			
10-23	98	720			—	9500			
10-24	49	600			8000	6200			
10-25	—	240			8000	10250		1	
10-26	196	840			9200	11750			
	2447	11800			224400	294050		12	

SA 867916

Mill "E" CHEMICALS

OCTOBER 1980

DATE	H.T CLAY IK	CAMIL WHITE	CAUSTIC SODA	LATEX 620 X.5	TSPP	RED BXP	X727 AMMONIA	SALT	BORAX	NOPCO 1407	FORMAL H.D.
Wk of 9-29	55000	260	150	12000	140		420		300	0	5
Wk of 10-6	50000	234	50	10800	126		378		270	720	4
Wk of 10-13	35000	156	50	7200	84		252		180	740	3
Wk of 10-20	30000	156	50	7710	84		252		180	420	
	170000	806	300	37710	434	—	1302				
				X.5=18855			X727=9466		930	2580	14

SH

867917

...MAL-HYDE	~~PROCOTE~~ PROTEIN ALC
500	8000
450	7200
300	4800
300	4800
1550	24800

SA 067918

MACH 5+6
MILL C
OCTOBER 1980

CHEMICALS USED IN BEATERS

DATE	ALUM	SIZE x.25	CLAY #	ANSILEX	SCM ① TiO_2	Dupont X ② TiO_2	TiO_2 PURE ③	AK	WDG	ZEALEX	TOTAL
9/29	965	3210	4600	1700	5050						
9/30	160	2935	3900	1600	4075						
10/1	160	2650	3000	1600	1200	2550					
10-2	145	3230	4600	1450	—	3238					
10-3	140	2450	4500	1400	—	1350					
10-4	270	4920	4000	600	—	675					
10-5	490	6180	2800	1400		1400					
	2330	25555 x.25 = 6394	27400	9750	10325	9213					
10-6	160	4448	—	1600	—	1935					
10-7	160	2845	4700	3375	—	5080					
10-8	140	3200	4300	3025	—	4645					
10-9	175	2660	4600	3500	—	6930					
10-10	140	2870	4000	4000	—	5400					
10-11	140	2870	5200	2700	—	3510					
10-12	207	2695	5900	2550	—	3370					
	1122	21585 x.25 = 5397	28700	20750		30870					
10-13	245	2980	5550	1750	—	2845					
10-14	245	2310	3000	1400		1575					
10-15	245	2215	3500	1750		2700					
10-16	245	3300	4300	2850		6210					
10-17	60	2250	3300	1950		4995					
10-18	130	1975	4150	2075		4185					
10-19	140	1900	4500	2000		4185					
	1310	16930 x.25 = 4233	28300	13775		26695	26695				
10-20	120	1600	3800	1700		2880					
10-21	150	1900	4550	2075		3217					
10-22	210	2050	4125	2075		4703					
10-23	140	3000	3700	2150		3465					
10-24	140	2780	3600	2300		3420					
10-25	160	2860	4600	2400		4500					
10-26	120	2620	3800	2150		3240					
	1040	16810	28175	14850		25425					

AL ALPHASIZE

18
39
42
36
135
45
27
—
—

72

SA 067920

MACH 7+8+9
MILL D
OCTOBER 1980

CHEMICALS USED IN BEATERS

DATE	ALUM	SIZE X.25	CLAY	ANSILEX	SOM TiO2	AX	TiO2 PUEE	TiO2	WBD	NALCO 680 UNITS
9-29	2930	12300	5500	5250		11050				150
9-30	2440	5060	8780	4150		8700				252
10-1	2630	5680	10500	5850		11100				285
10-2	2655	8590	10400	6300		13900				279
10-3	2980	7940	9620	5850		10250				303
10-4	2300	6120	9020	5900		11100				249
10-5	2850	8060	10840	5700		11450				300
10-6	2180	5700	5420	5350		11600				231
10-7	2120	11425	7945	6700	300	11650				165
10-8	2405	7305	8970	8250	7300	1900				273
10-9	2075	7350	9350	5050	—	4450				307
10-10	1675	6170	9850	5050	—	8700				249
10-11	2015	8340	6560	7550		13200				207
10-12	1715	10660	3490	5850		9650				135
10-13	2010	12380	2890	6950		10535				153
10-14	2385	8540	6020	7100		10805				222
10-15	2630	6120	6890	7950		12920				243
10-16	2100	5460	5100	6750		12650				210
10-17	2550	8850	6600	8100		10900				255
10-18	2640	9240	7230	10300		17400				264
10-19	2640	9270	3400	11200		15900				264
10-20	1920	5760	4850	7950		9050				192
10-21	1990	8560	2950	4000	9650	550				120
10-22										
10-23	1835	10120	1900	5200		5300				177
10-24	1890	5560	2140	6800	800	5500				198
10-25	1615	4980	4800	8650	3750	6450				174
10-26	1930	4740	3250	8400	4350	7200				165

SA 867921

CHEMICALS AT W.S. PULPERS

WATER	Zeatex	Alphasize	TOTAL
			37180
			29382
			36045
			42124
			36943
			34689
			39200

DATE	DRY ALUM
9-29	600
9-30	900
10-1	800
10-2	700
10-3	700
10-4	800
10-5	700
10-6	900
10-7	800
10-8	800
10-9	800
10-10	900
10-11	600
10-12	900
10-13	600
10-14	1200
10-15	900
10-16	900
10-17	800
10-18	800
10-19	900
10-20	700
10-21	900
10-22	800
10-23	800
10-24	900
10-25	600
10-26	900
	21700

SA 067922

MACH 5+6

OCTOBER 1980

Pulp Used in Hydropulpers

DATE	Prince Geo	Elly HW	Nekoosa SW (505)	Allied S-W (503)	Albacel SW (529)	Allied HW (497)	Grande Prairie (559)	Pontiac HW (513)	Pulp Sub	Manitoba (454)	Cutbiwon (525)
9-29	90	16	160	—							
9-30	75	15	40	72							
10-1	90	16	—	112							
10-2	65	13		152							
10-3	50			28	128	10	30	6	22		
10-4					110		20	34		120	
10-5					81			27	27	225	
	370	60	200	364	319	10	50	67	49	345	
10-6							95	19		72	13
10-7					119		65	28	21		5
10-8				40	16			16			5
10-9				146		12		30			
10-10				168				14			
10-11				188		10		6	30		
10-12				148		49			21		
				690	135	71	160	113	72	72	216
10-13				152		38					
10-14			96			13					
10-15					92	16					
10-16	22				73	13					
10-17	88				69	14					
10-18	147				42	15					
10-19					54	22					
	257		96	152	330	131					
10-20					56	20			6		
10-21					54	16			27		
10-22					54	16			27		
10-23					44	15					
10-24					41	15					
10-25			28		30	19					
			56			12					
			84		282	13			60		
Bales	627	60	380	1206	1066	325	210	180	181	417	216

58 867923

525 Brook	485 Celgar	491 Kamloop	518 Dontas	518 Superior	TOTAL
					266
					202
					218
					230
					274
					284
					360
					1834
130	10				326
53	—				286
33	90	51			246
	80				268
	70				252
	90				324
	85				303
216	425	51			2005
	80				270
	65				174
	114				222
	125				233
	28				199
	4				208
		54	90		220
	416	54	90		1526
		56	70		208
		54	80		231
		54	80		231
		44		75	178
		44		75	178
		153			230
		116			184
		521	230	150	1440
216	841	626	320	150	6805

3,279,603

SA 067924

MACH 7+8+9

OCTOBER 1980

Pulp Used in Hydropulpers

DATE	Superior	Bagasse Prairie	Tamtop	Allied H/W	Eddy	Allied S/W	Weyerhaeuser 448 S/W	Southwest H/W	Panama H/W	Prince George H/W	Cigar
9-29	11	66	33	96	150	65					
9-30	14			110	–	128					
10-1	99			113	–	175					
10-2				104	128	137					
10-3				123	91	139					
10-4				77	152	99					
10-5	139			117	11	18	75				
	293	66	33	740	532	761	75				
10-6	130			83			84				
10-7	207			81		12	60				
10-8	78			111		152	10				
10-9				144		288					
10-10		66		26	6	68	50	64	4		
10-11		77		39	179	89			21		
10-12				67	177	52				88	
	415	142		551	362	661	204	64	25	88	
10-13				80	207	48			110		
10-14	9			67		68			118	58	
10-15				55		74		33		228	
10-16				39		32		12		88	
10-17				64		170			36		
10-18	77			75		154					
10-19	66			61		148			39		
	152			441	207	694		45	294	374	
10-20	54			21		118			65		
10-21	66			11	48	24			37		
10-22				44	110						
10-23											
10-24				111	66	90					
10-25				59	66	96					
10-26				23	37	56					
Bales	980	209	33	2001	592,864 528	1,256,448 2490	279	109	225 540 421	218,988 462	681

867935 SH

Marathon	537 Southwest SW	Denton	Total
			421
			282
			387
			369
			353
			328
			360
			2500
			297
			360
			351
			432
			284
			405
			384
			2513
			445
			348
			390
54	26		318
24		48	410
46			407
48			408
172	26	48	2726
			303
			274
			264
			312
			276
			276
78,088	26	48	9444
~~40,360~~	13,962	24864	4,558,182

SH 867926

n. vogler

Blade Coater Chemicals

OCTOBER 1980

DATE	LATEX 673 x3.98	DEFOAMER DF 122	DC-111 x8.18	KELGIN # NO.	TSPP #	CLAY H.T. WET x10	AMMONIA x7.27	UNITEX	CAMIC # WHITE	PG 280	74-B PENCORE	STAYS 11
9-29	651	12	30	45	48	1875	18	34				3
9-30	434	8	20	30	32	1250	12	68				
10-1	—	36	—	—	15	1407	24		150			
10-2	450	66	36	—	10	1649	81		3800	4500		
10-3	50	14	4	—	—	500	15		800	500		
10-4	—	24	—	—	10	938	16		100			
10-6	—	36	—	—	15	1407	24		150			
10-7	—	36	—	—	15	1407	24		150			
10-8	250	46	20	—	15	1832	49		1650	2500		
10-9	300	48	24	—	15	1917	54		1950	3000		
10-10	50	26	4	—	10	1023	21		400	500		
10-11+12	434	44	20	30	47	2657	36	68	150			
10-13	217	28	10	15	26	1563	22	34	100			
10-14	—	12	—	—	5	469	36	—	50			
10-15	—	48	—	—	20	1836	32	—	200			
10-16	150	30	12	—	—	1085	35	—	1600	1500		
10-17	400	28	32	—	—	1149	48	—	2450	4000		
10-18+19	800	80	64	—	20	3236	112	—	5000	8000		
10-20	100	28	8	—	10	1108	26	—	700	1000		
10-21	—	18	—	—	5	649	8	—	50			
10-22	—	36	—	—	15	1407	24	—	150			
10-23	—	24	—	—	10	938	16	—	100			
10-24	—	24	—	—	10	938	16	—	100			
10-25	—	24			10	938	16		100			
10-26	—	24			10	938	16		100			
	4286	800	284	120	373	34116	781	204	20000	25900		15
	x3.98=17058		x8.18=2323			x10=341160	x7.27=5678					

SA 867927

FAYSIZE 112	CUNSIZE 703	NOPCOSIZE 120	CALGON I	GYCERINE	NOPCO K (x10)	CELLOSE #	CMC-7L	SCRIPSET 720 (x7.27)	FC-807 (x8.64)	ATLAS (x8.36)	LATEX 620 (x4.33)
3200											
							36				660
			27		13		48				880
			3				12				220
		1					24				440
							36				660
							36				660
			15		5		36				660
			18		6		36				660
			3		1		24				440
							36				660
							24				440
							57				220
							—				880
			9		7		24				440
			24		8		—				220
			48		16		48				440
			6		2		24				[illegible]
2000							12				
5000							36				660
3500							24				440
							24				440
							24				220
							24				440
13700		1	153		58		645				9980
					x10 = 580						x4.33 = 43213

5A 067928

x398 LATEX 722	BORAX #	LV PROTEIN	SODIUM NITRATE #	ELVANOL #	x909 BERSET	2036 FORMULA	CLINSIZE 753B
			6400				
	45	900			15		
176	62	1200			31		
88	16	300			8		
	30	600	6200		15		1600
	45	900			23		
	45	900	7200		23		3600
	45	900	800		23		400
	45	900			23		
	30	600			15		
	45	900	12000		23		6000
	30	600	6400		15		4000
	15	1400	800	100	16		300
	60	1200	—	—	30		—
176	32	600	—	—	16		—
	15	300	—	—	8		—
	60	1200	—	—	30		—
	30	600	—	—	15		—
122	15	300	7200	—	8		2500
	45	900	8000	—	23		—
	30	600	5600	—	15		—
	30	600	—	—	15		—
	30	600			15		
	30	600			15		
562	830	17600	60600	100	420		18400
x398 = 2237					x909 = 38.8		

Oc
DA

SH 067929

October 1980 — Blade Coater Bruce — R+D Trial

DATE	UNCOATED	COATED	TOTAL					Uncoated	Coated	Total
9-29	1075	2275	2350							
9-30	225	1900	2125							
10-1	1100	1925	3025							
10-2	575	4425	5000							
10-3	550	5025	5575							
10-4	200	6100	6300							
10-5	Down									
10-6	325	4725	5050							
10-7	350	5050	5400							
10-8	–	5500	5500							
10-9	–	5500	5500							
10-10	150	4400	4550							
10-11	–	5500	5500							
10-12	–	6600	6600							
10-13	800	1350	2150							
10-14										
10-15	775	[illegible]	6775							
10-16	480	7129	7609							
10-17	434	5000	5434							
10-18	346	4000	4346							
10-19	450	2880	3330							
10-20	400	2564	2964							
10-21	400	3280	3680							
10-22										
10-23	450	12800	13250							
10-24	450	3385	3835							
10-25	500	10000	10500							
10-26	450	4862	4812							

067930

ED ARNOLD X250

Mill: C CHEMICALS

NOVEMBER 1980

DATE	ALUM	X 3960 X TK CLAY	X 6 FLEX .25 SIZE	753 STARCH CLINSIZE	STARCH X100 STAYZME J	X100 STAYZME 112	T_1O_2	ANXSILEX	DEFOAMER	X 5% PARMEL	ALUM ON TANK
10-27	500	31680	2840				2475	1850	15		3
28	850	23760	2311				1080	1050	15		3
29	750	27720	2041				3140	1400	15		3
30	1000	27720	2130				300	150	15		4
31	750	31680	3381				3800	1750	15		3
11-1	400	35640	4471				5700	3100	15		2
2	700	35640	3321				6050	3000	15		3
	4950	213840	x.25 = 20495 5124				22545	12300	105		21
3	550	31680	4801	2000			6100	2650	15	17180	2
4	700	19800	6699				2400	1200	15	28360	
5	500	15840	4442				1200	600	15	26680	1
6	560	—	4535		8400		2900	1050	15	16600	4
7	600	—	3801				6600	2625	15		3
8	1850	59400	3141				8560	2650	15		2
9	925	35640	3080				8190	3050	15		10
	5685	162460	x.25 = 30499 7625	2000	8400		35950	13825	105	88820	32
10	550	23760	2691				5285	2525	15		4
11	675	31680	3380				8150	4300	15		4
12	700	39600	3621				8300	2625	15		4
13	750	35640	3750				3600	1600	15		5
14	575	35640	3440				5950	3200	15		4
15	725	31680	3046				6900	3500	15		4
16	500	35640	3500	2000			6470	3050	15		3
		233640	23428	[illegible]			44655	[illegible]			[illegible]
17	500	23760	2405				5400	2350	15		3
18	650	39600	3367				8235	3600	15		4
19	850	31680	3460				6660	3350	15		5
20	900	43560	3301				5220	3450	15		6
21	1550	43560	3471				7500	3400	15		5
22	550	31680	3901				10050	3500	15		1
23	750	31680	2902				8250	2650	15		3
		245520	22807				51315	22300			[illegible]
		855460	97229	4000	8400		154465	69[illegible]		88[illegible]	129492 108

CLAY TA[illegible]

SA 067931

CLAY TANK	NOPCO FLO 224L	STARCH X100 STAYZIME GA	NALCO 7651	X100 DOUGLAS STARCH	STARCH X100 CLINTON 677B	X KAL CHEM KC-064	ALPHA 5126	X SODIUM NITRATE	STARCH CLINTON 625 B	CYCLO. FILL
3700		7200				200	—			
3200		6000				100	40			
3400		8400				200	40			
4300		9600				150	40			
2100		7200				150				
4700		10800				200				
4300		12000				250				
25700		61200				1250	120			
3800		8600				225	—	2200	600	
2400		6000				225	—			
1900		4800				200	48			
1800		—				200				
2000		12000				200				
5800		10200			3000	50				
3800					12000	200				
21500		41600			15400	1300	48	2200	600	
3200					4800	150				
3300					10800	150				
4300					10800	200				
4100					12000	200				200
3300		7400			3400	150				
3400		10800			—	200				
3800		7400				250				
		25400			41800	1350				200
3800		7200				150				
5500		9600				400				
3700		9600				375				
4600		12000				225				
4400		10800				200				
3600		9600				200				
3800		6000				200				
		64800				1750				
		193000			56800	5250 x 8.42		2200	600	

OSKAR DIKERTS [redacted]ALS

NOVEMBER 1980

DATE	GLUE	X120 XTK SIZE	C-7	J X100	CUBCO 55 X100	TiO_2 X50	CLAY COUNTER X5400	SODIUM ALUMINATE	71-M NALCO
10-27	98	240			4600	7800		—	
28	49	240			4400	7500		1	
29	49	480			3200	3700		1	
30	49	720			1600	5700		1	
31	—	480			4800	12500		—	
11-1	—	480			8000	12500		—	
2	49	360			19200	12500		—	
	294	3000			45800	62200		3	
3	49	360			16000	12500		—	
4	97	720			12800	12500		—	
5	97	480			11200	12500		—	
6	49	240			14600	12500		—	
7	—	360			16000	16400		1	
8	—	240			28800	8800		1	
9	146	360			11200	10400		1	
	438	2760			110600	85600		3	
10	294	480			9600	8000		1	
11	147	840			6400	5250		1	
12	98	360			9600	8500		—	
13	245	360			12600	15750		1	
14	186	360			11200	12500		—	
15	245	240			9600	12500			
16	195	240			11200	10000			
17	245	360			8100	11000			
18	245	360			9600	11000			
19	147	600			6400	10500			
20	294	720			8000	12000			
21	54	720			8000	8150			
22	244	480			9600	11400		1	
23	60	720			9600	9250		1	
					139,500	145800			
					285,900	293600			

[redacted]

H. Noyler.

NOVEMBER 1980

Mill E CHEMICALS

DATE	H.T. CLAY	CAMIL WHITE	CAUSTIC SODA	LATEX 620 x.50	TSPP	RED EXP	x7.27 AMMONIA	SALT	BORAX	NOPCO 1407	FORMAL HYDE	PROTE
Wk of 10-27	32500	169	—	3000	91		273	—	195	360	325	
Wk of 11/3	32500	169	30	7800	171		273		195	520	325	
Wk of 11/10	2250	117	20	4800	63		189		135	360	225	
Wk of 11/17	35000	169		3600	91		273		195	520	325	
	122500	624	50	~~20010~~ x.50 = ~~10050~~	416	—	1008 x7.27 = 7328	—	720	1760	1200	12

19200
x.5
9600

[redacted]

PROTEIN	BUTANOL	SARNIA LATEX	620 DRUMS
5200	Yes		3900
5200	—		
3600	Yes	600	
5200	—	4200	
19200	1	4800	3900
		x.46	x.5
		2204	1950

SH 067935

TOTAL
11105
8760
9900
7760
12940
17750
17010
84725
16095
10880
3124
11990
18510
21170
18910
100679
13153
21750
19980
14565
15325
18065
19027
21465
13155
20790
18445
18915
18515
17060
15060
12940

SA 867936

MACH 5+6
MILL C
NOVEMBER 1980

C[redacted] BEATERS

DATE	ALUM	SIZE X.25	CLAY #	ANSILEX	SCM	TITANIUM DUPONT TiO_2	TiO_2 PURE	AX TiO_2	WDB TiO_2	Zealex	ALPHASIZE	TOT
10-27	90	2440	4250	1850		2475					—	11
28	315	2000	4000	1000		900					45	8
29	245	1680	3400	1400	1700	1440					35	9
30	280	1840	5000	200		400					40	7
31	245	2695	4200	1800	4000	—						12
11-1	280	3970	5200	3300	5000	—						17
2	210	3000	4800	3000	6000	—						12
	1665	17625 x.25=4406	30850	12550	16700	5215					120	84
3	245	3750	3700	2550	5850	—						16
4	280	6200	800	1200	2400	—						16
5	140	600	400	600	1200	—					184	3
6	140	5150	2700	1050	2950	—						11
7	160	2975	6100	2475	6800	—						18
8	370	2650	6950	2650	7470	1080						21
9	270	2430	5200	3000	—	8010						18
	1605	23755 x.25=5939	25850	13525	26670	9090					184	100
10	150	1915	3000	2625	3100	2363						1
11	350	3250	4750	4500	8500	—						21
12	315	3340	5000	3175	8150	—						19
13	315	3950	5400	1800	3600							1
14	245	2830	4450	3100	4700							1
15	315	2550	4350	3600	7250							1
16	280	3290	5025	3050	2037	5345						1
	1970	20625 x.25=5156	31975	21850	37337	7708						121
17	315	2190	2900	2350	—	5400						1
18	280	3120	5600	3600	—	8190						20
19	245	2890	5300	3350	—	6660						18
20	315	3030	5100	3450	—	7020						18
21	315	2950	4900	3350	1600	5400						18
22	280	3230	4300	3550	3600	2100						11
23	210	3000	4200	2800	4850	—						15
	1960	20410 x.25=5103	32300	22450	10050	34770						121
				70375	90757	56783						

[redacted]

SA 067937

Chemicals at W.S. Pulpers

Alphasize Total							DATE	Dry Alum			
20020											
23039											
19728											
24593											
29001											
35298											
43758											
195437	^										
39382											
41358											
28993											
37082											
47105											
39008											
35287											
268215	~										
36684											
26022											
31700											
43648											
41483											
37933											
35120											
252590	~										
38231											
35998											
37811											
35050											
34857											
37083											
32069											
251099	~										

SA 067938

MACH 7+8+9
MILL D
NOVEMBER 1980

CHEMICALS USED IN BEATERS

DATE	ALUM	SIZE x.25	CLAY	ANSILEX	SEM TiO_2	AX	LW TiO_2 Pure	LW DB	NALCO 680	UNITEX	Zealex	Alphasi
10-27	1265	3720	1450	5650	2700	5100			135			
28	1315	4380	3450	6250	7500	—			144			
29	1045	9090	2980	2850	1000	2700			63			
30	1075	10520	4370	2850	5700				78			
31	1480	10760	3900	4200	8550				111			
11-1	2840	10300	13600	3050	5250				258			
2	2670	5760	13440	9050	12550				288			
	11690	54530 x.25 = 13633	43190	33400	43250	7800			1077			
3	2420	5520	9640	8050	13500				252			
4	2565	6950	7870	9000	14250			450	223			
5	2105	4660	8000	5750	3750			4500	228			
6	2845	6140	14360	5800	7650				287			
7	2850	7500	13520	7550	—		15400		285			
8	2290	7500	9020	7750	1000		11205		243			
9	2330	7740	6350	7900	8000		2745		222			
	17405	46010 x.25 = 11503	68760	51800	48150		29350	4950	1790			
10	1915	12500	6060	8050	4950		3080		129			
11	1553	11160	3300	5150	—		4745		114			
12	1990	5360	9560	6950	3850		3780		210			
13	2240	6280	8420	11550	14900				258			
14	2080	6510	9800	10600	12250				243			
15	2395	5930	10530	9000	5600		4200		278			
16	2370	4070	8060	9800	2700		7850		270			
	14543	51810 x.25 = 12953	55730	61100	44250		23655		1502			
17	2625	6150	6940	11650	2700		7908		258			
18	2640	6144	9810	6550	9150		1440		264			
19	2515	11450	8115	5075	10450				206			
20	2070	14780	4900	4100	9050				150			
21	1960	13160	5690	6000	7900				147			
22	2485	9000	7110	6850	11410				228			
23	2145	6640	9570	4200	9250				264			
	16440	67384 x.25 = 16838	52135	44485	59910		9348		1517			

5A 067939

MACH 5+6

NOVEMBER 1980

Pulp Used in Hydropulpers

DATE		Kamloops 491	Eldg 561 HW	Nekoosa 505 SW	Allied 497 H/W	Allied 503 SW	Prince Albert 465	Celgar 486	Caribou 478	Pulp Sub	Grande Prairie 559	Pontiac 583 HW	Utes
10	28	147	17	62	–								
	27	112	–	62	10								
	29	60	12	60	6	105							
	30	25	40		8	139							
	31		34			104	90						
Nov	1		15		24	161	75						
	2		15		36	144	75						
		394	133	184	84	649	240						
	3		25		16	96		85	70	14			
	4		15					75	235	45			
	5	10	12					60	197				
	6	85	46			51		55			25		
	7	85	50			162				20	51		
	8		108			190				15		56	
	9		95	45		147						42	
		180	351	45	16	646		275	502	94	76	98	
	10		85	136								68	
	11		110	121						31		65	
	12		100	139	9					18		57	
	13		90	147	147								
	14		100	110	68	30							
	15		90		60	143							
	16				62	136				6	90		
			575	653	346	309				55	90	190	
	17				19	53		80			5		
	18				41	123		95					
	19					160		75					
	20					156		90		37			
	21					140		90		28			
	22					162		113		11			
	23				16	56		174	3				
					76	850		717	3	76	5		
		574	1059	882	522	2454	240	992	506	225	171	288	
		281 834	382,299	445 410	259 434	1,234,602	111 600	481,120	241,390		95 589	147 744	86

[redacted]

5A 067940

432 Western Hall					Total					
					226	~				
					184	~				
					243	~				
					258	~				
					228	~				
					275	~				
					290	~				
					1684					
					306	~				
					370	~				
					279	~				
					262	~				
					368	~				
					369	~				
					379	~				
					2283					
					289	~				
					377	~				
					323	~				
18					402	~				
15					323	~				
					293	~				
					294	~				
33					2251	~				
					157	~				
6					265	~				
69					304	~				
41					324	~				
28					286	~				
23					309	~				
					249					
167					1894	~				
200					8112					
96 400										

SA 867941

491 Kamloops	432 Western NW	525 Crestbrook NW	505 Nekoosa SW	Total
				261
				168
				216
				300
				350
				466
				444
				2205
				384
				444
				360
				432
				492
				373
				364
				2849
				342
64				336
85				302
54				384
				348
				432
				278
213				2422
				372
				422
144	60			440
57	74			516
	22			420
		142		300
			14	360
201	156	142	14	2830
414	156	142	14	10306
203274	67392	74550	7070	

SA 067942

MACH 7+8+9

Pulp Used in Hydro Pulpers

NOVEMBER 1980

		Eddy 308	Allied SW 503	Allied HW 459	Calgar 485	Prince Albert 434	Courtland HW	Canbar HW 478	Southland HW 537	Grande Prairie 558	Domtar 518	Marathon 454	Hamber 491
10	27	133	56	27	45	–							
	28	48	24	23	55	18							
	29			40	79	97							
	30				113	138	49						
	31		56	77	92	135							
11	1	52	224	66	20	20	–	84					
	2		228	–	–	28	110	78					
		233	588	233	404	426	159	162					
	3		208	18		103			55				
	4		220	102		122							
	5		148	96		116							
	6		288	48		—			96				
	7		216	93		91		55	37				
	8		–	62	28	42		44		190	7		
	9		86	54	96						128		
			1166	473	124	474		99	188	190	135		
	10			40	158						81	63	
	11		32	41	108							91	
	12		102	53	52								
	13	40	128	65	12					85			
	14	18	160	74						96			
	15	48	204	102						78			
	16	66	100	56						56			
		172	726	431	330					315	81	154	
	17	60	152	83						77			
	18	111	192	119									
	19	132	180	24									
	20	329	56										
	21	308	44	46									
	22	6	78	74									
	23	152	68	89		37							
		1098	670	435		37				77			
		1503	3150	1572	858	937	159	261	188	582	216	154	4
		583164	1581450	781284	416130	425398	80931	127758	100956	325338	111888	69916	203

SH

B67945

H. Volpler +
November 1980

Blade Coater Chemicals

DATE	LATEX 673 x3.98	DF 122	DC-111 x8.18	KELGIN H.O. #	TSPP #	CLAY H.T. WET x10	AMMONIA x7.27	VNITEX	CAPRIC # WHITE	PG 280	74-B PENCORE	STAYSTO 112
10-27		36			15	1407	24		150			
-28		24			10	938	16		100			
29		24			10	938	16		100			
30		24			10	938	16		100			
31		24			10	938	16		100			
11-1		36			15	1407	24		150			
3	100	36	8		5	1469	39		1650	1000		
4	100	24	8		5	1914	56		2600	1000		
5		25			15	1407	24		1050			
6		40			20	1757	24		3000			
7		72			30	2814	48		300			
8	434	20	20	30	37	1719	20	68	50			
10	877	20	42	115	85	2505	30	34	–			
11	660	16	32	100	68	1880	24		–			
12	660	16	32	100	68	1880	24		–			
13	660	16	32	100	68	1880	24		–			
14	–	48	–	–	20	1876	32		200			
15	–	48	–	–	20	1876	32		200			
17	–	72	–	–	30	2814	48		300			
18	–	48	–	–	20	1876	32		200			
19	434	64	20	30	37	2549	40	102	1500	1200		
20		36	–	–	10	1353	26		600			
21		48	–	–	20	1876	32		–			
22	217	16	10	15	21	1094	14		50			
TOTALS	4142	833	204	490	649	41105	681	204	12400	3200		
	x3.98 = 16485		x8.18 = 1669			x10 = 411050	x7.27 = 4951					

5-

SA 067944

STAYSIZE 112	CUNSIZE 703	NOPCO 120	CALGON T	GYCERINE	NOPCO K (X10)	CELLULOSE #	CMC-7L	SCRIPTSET 720 (X7.27)	FC-807 (X 8.64)	ATLAS (X8.36)	LATEX (X 4.33)
											620
							36				660
900							99				440
3900							99				440
500							24				440
							24				440
							36				440
			6		7		36				660
			6		8		36				880
							12				660
					5		48				880
							72				1320
							12				220
							—				
							—				
							—				
							—				
							48				880
							48				880
							72				1320
							48				880
					5		136				660
					2		36				660
							48				880
							12				220
5300			12		27		982				13860
					X10 = 270						X4.33 = 60014

SA 067945

x398 LATEX 722	2[illegible] BORAX #	LV PROTEIN	SODIUM NITRATE	# ELVANOL	x909 BERSET	2036 FORMULA	753B CLINSIZE
	45	900			23		
	30	600		225	15		
	30	600	4800	225	15		
	30	600	7200		15		4000
	30	600	7200		15		4500
	45	900	1600		23		1000
176	48	900			24		
414	61	1200			32		
46	45	900			23		
	60	1200			30		
	90	1800			46		
	15	300	2400		8		1500
	—	—	8800		—		5500
			4800				3000
—	60	2200	—	—	30		
	60	1200	—	—	30		
	90	1800			45		
	60	1200	2400		32		1500
2641	47	900	2400	300	24		1500
88	46	900	7200		23		4500
	60	1200	7800		30		3500
	15	300			8		
988	967	~~19200~~	56600	750	491		31500
x398= 3932		20200			x909= 4463		

NOV
DAT

SA 067946

November 1980 — Blade Coater Broke

DATE	UNCOATED	COATED	TOTAL	R+D Trials Uncoated	R+D Trials Coated	R+D Trials Total
10-28						
10-29	470	10281	10751			
10-30	475	6135	6610			
10-31	475	6908	7383			
11-1	475	9325	9800			
11-3	900	23125	24025			
11-4	700	5580	6280	470	3720	1190
11-5	350	18628	18978			
11-6	1175	11700	12875			
11-7	875	16273	17148			
11-8	650	9739	10389			
11-10	750	14908	15658			
11-11	750	8654	9404			
11-12	800	8431	9231			
11-13	750	14812	15562			
11-14	600	12416	13016			
11-15	700	35447	36147			
11-17	350	36166	36516			
11-18	4131	23860	27991			
11-19	600	18518	19118			
11-20	300	12050	12350			
11-21	700	28842	29542			
11-22	—	8000	8400			

067947 SA

ARNOLD x 250

EC. 1979

MILL "C" CHEMICALS

DATE	ALUM GAL	3960 TK CLAY	GAL x .25 SIZE	6758 LBS CLINTON x 100	753 CLINSIZE	STAZYME-J x 100	STAYSIZE 112 x 100	TITANIUM	ANSILEX	DEFOAMER x 8.09	CP-7 x 8.42	NALCO 68
11-26 79	7 50	356 40	17 22	—	—	48 00	12 00	18 00	9 00	15	1 50	—
27	6 00	277 20	19 05	—	70	36 00	18 00	14 50	9 00	10	1 50	—
28	9 00	237 60	25 08	—	55	24 00	15 00	15 00	10 00	15	1 50	—
29	6 50	396 00	8 45	—	—	108 00	—	45 50	18 00	15	1 50	—
30	4 00	316 80	7 67	—	—	84 00	—	29 50	15 00	15	1 50	—
12-1	7 00	356 40	9 30	—	—	84 00	—	31 00	12 00	10	1 50	—
2	6 00	316 80	10 78	—	—	72 00	—	52 50	19 50	15	1 00	—
3	9 00	396 00	8 63	—	—	75 00	—	35 00	10 50	15	—	—
4	7 00	396 00	7 97	—	—	108 00	—	28 25	9 50	15	1 50	—
5	4 50	198 00	8 25	—	—	109 00	—	49 50	12 00	10	1 50	—
6	6 50	237 60	7 21	—	—	74 00	—	59 00	16 00	15	1 50	—
7	9 00	396 00	8 85	—	—	96 00	—	72 50	10 00	15	1 00	—
8	7 00	316 80	12 48	—	—	96 00	18 00	50 50	9 00	15	1 50	—
9	10 50	158 40	27 90	—	—	36 00	18 00	37 50	17 50	15	50	—
10	21 00	158 40	34 10	—	—	36 00	24 00	72 00	30 00	15	50	—
11	3 50	316 80	31 96	—	—	60 00	—	66 00	27 50	15	50	—
12	6 50	435 60	9 83	—	—	110 00	—	50 50	24 00	15	1 00	—
13	5 50	356 40	6 35	—	—	60 00	—	30 25	13 50	10	1 00	—
14	14 50	475 20	7 78	—	—	84 00	—	22 50	—	15	1 50	—
15	7 50	475 20	7 90	—	—	96 00	—	23 50	2 00	15	1 00	—
16	5 50	475 20	9 12	—	—	96 00	—	36 00	12 00	15	1 50	—
17	5 00	435 60	7 78	—	—	96 00	—	27 50	12 00	15	1 00	—
19	8 50	514 80	9 45	—	—	132 00	—	16 50	11 00	15	1 00	—
19	7 00	594 00	7 15	—	—	134 00	—	23 50	12 00	15	1 00	—
20	5 50	[illegible]	19 93	—	—	[illegible]	24 00	30 50	17 00	15	1 50	—
21	9 50	1[illegible]8 00	31 60	—	—	60 00	24 00	22 00	11 00	15	50	—
22	7 00	158 40	34 98	—	—	36 00	24 00	22 00	13 00	15	1 50	—
23	10 00	15[illegible] 40	29 62	—	13	—	10 00	28 00	14 00	15	1 50	—
27	7 00	475 20	10 54	—	—	160 00	9 00	64 50	30 00	10	2 00	—
28	5 50	435 60	6 90	—	—	108 00	—	54 00	3[illegible] 00	10	[illegible]	—
29	3 00	[illegible]	6 86	—	—	[illegible]	—	49 50	31 00	15	1 00	—
30	[illegible]	396 00	5 58	—	—	[illegible]	—	[illegible] 50	[illegible] 00	10	50	—
	237 00	[illegible] 20	456 21	—	1 38	2654 [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible] 0	
											307 [illegible] 3	

SA 067948

NALCO 680	PARAMEL x.08	ALUM-ON-TANK	CLAY TANK	SODIUM NITRATE x100	ALPHA SIZE gal	DOUGLAS STARCH x100	DRY CLAY
—	271 20	3	31 00	46 00	—	—	—
—	179 40	3	22 00	—	—	—	—
—	245 00	4	18 00	—	—	—	—
—	—	3	29 00	—	—	—	—
—	—	2	27 00	—	—	—	—
—	—	3	31 00	—	—	—	—
—	—	2	26 00	—	—	—	—
—	—	4	33 00	—	—	—	—
—	—	3	39 00	—	—	—	—
—	—	2	18 00	—	—	—	—
—	—	3	20 00	—	—	—	—
—	—	4	30 00	—	—	—	—
—	40 00	3	27 00	67 00	—	—	—
—	280 00	5	13 00	68 00	—	—	—
—	274 20	8	13 00	91 00	—	—	—
—	273 60	2	25 00	—	—	—	—
—	27 00	3	40 00	—	—	—	—
—	—	2	29 00	—	—	—	—
—	—	3	41 00	—	—	—	—
—	—	2	40 00	—	—	—	—
—	—	2	39 00	—	—	—	—
—	—	2	33 00	—	—	—	—
—	—	3	[illegible]	—	—	—	46 00
—	—	[illegible]	45 00	—	—	—	—
—	[illegible]	3	39 00	72 00	—	—	
—	205 00	4	16 00	89 00	—	—	—
—	310 80	[illegible]	12 00	89 00	—	—	—
—	[illegible]	5	12 00	[illegible]	—	—	—
—	—	3	34 00	—	—	—	—
—	—	2	32 00	—	—	—	—
—	—	1	4 00	—	—	—	—
—	—	9	29 00	—	—	—	—
—	[illegible]	[illegible]	[illegible]	[illegible]	—	—	[illegible]

X ALUM ON TANK
104
x220
22880 GAL
5.45
124696 LBS

OSKAR DIKERTS

DEC 1979

MILL "D" CHEMICALS

DATE	GLUE	SIZE 120x TK	C-7 GAL	J	CLINCO SS	TITANIUM	71-M. NALCO	CLAY COUNTER	SODIUM ALUMINATE
				x100	x100	x50		x5400	
11-26 79	32	4.80	—	—	96.00	103.50	—	26	2
27	34	4.80	—	—	112.00	91.00	—	— 4	—
28	37	4.80	—	—	112.00	31.00	—	— 5	1
29	39	4.80	—	—	80.00	37.50	—	— 5	2
30	41	3.60	—	—	128.00	37.50	—	— 5	—
12-1	1.47	6.00	—	—	156.00	105.00	—	— 2	—
2	98	4.80	—	—	218.00	105.00	—	4	—
3	98	5.40	—	102.00	100.00	105.00	—	4	—
4	49	5.40	—	15.00	74.00	105.00	—	5	—
5	98	3.60	—	15.00	90.00	95.00	—	3	—
6	98	3.60	—	—	96.00	105.00	—	3	—
7	1.47	3.60	—	—	144.00	119.50	—	14	1
8	49	3.00	—	—	90.00	161.00	—	2	1
9	98	3.60	—	—	96.00	109.00	—	4	1
10	49	5.60	—	—	112.00	86.00	—	5	1
11	48	3.20	—	—	96.00	38.00	—	6	1
12	49	7.20	—	—	96.00	37.50	—	7	1
13	49	5.40	—	—	144.00	57.50	—	8	1
14	98	4.80	—	—	112.00	100.00	—	3	—
15	49	4.80	—	—	112.00	105.00	—	3	—
16	49	4.80	—	—	112.00	95.00	—	3	—
17	98	3.60	—	—	64.00	100.00	—	2	—
18	97	3.60	—	—	48.00	105.00	—	2	—
19	2.45	5.40	—	—	112.00	96.00	—	20	1
20	1.47	3.60	—	—	176.00	90.00	—	3	1
21	46	6.00	—	—	144.00	74.00	—	19	10
22	98	7.20	—	—	176.00	66.50	—	1	1
23	49	—	—	—	32.00	49.00	—	3	1
27	98	[illegible]20	—	—	224.00	88.00	—	—	—
28	98	3.60	—	—	112.00	100.00	—	3	1
29	98	3.60	—	—	160.00	105.00	—	3	—
30	1.47	3.60	—	—	120.00	100.00	—	3	—
	26.77	145.00	—	13.00	3744.00	2797.50	—	1.80 972.000	27

SA 067950

CLAY ROTO-DIP USAGE (GAL)

DATE	#5	#6	TOTAL
11-26 79	85 32	20 97	106 29
27	77 18	12 88	90 06
28	56 60	12 72	69 32
29	13 90	40 77	54 67
30	21 89	24 46	46 35
12-1	20 79	32 53	53 32
2	22 66	27 37	50 03
3	23 79	35 52	59 31
4	30 34	34 32	64 66
5	11 15	18 26	29 41
6	16 90	21 76	38 66
7	21 92	44 85	66 77
8	26 04	25 08	51 12
9	27 05	15 11	42 16
10	25 27	17 24	42 51
11	35 19	41 86	77 05
12	34 30	49 20	83 50
13	46 55	22 98	69 53
14	65 84	37 26	103 10
15	59 25	33 95	93 20
16	51 02	38 08	89 10
17	52 36	33 85	86 21
18	57 09	41 12	98 21
19	[illegible]	44 46	111 86
20	60 66	32 08	92 74
21	53 [illegible]	[illegible]	61 51
22	[illegible]	54	44 44
23	43 56	16 10	59 66
27	40 90	14 50	55 40
28	45 99	22 83	68 82
29	43 89	44 58	88 47
30	[illegible] 21	24 18	57 39
	[illegible]	[illegible]	2204 [illegible]

SA 067951

ARRY VOGLER x 202 & 205

DEC 1979

MILL "E" CHEMICALS

x 48

DATE	SOY FLOUR	NT CLAY	CASEIN	NT CLAY TK	CAMIL WHITE	CAUSTIC SODA	LATEX DOW 620	LATEX DOW 636	TSPP	ULTRA BLUE	PAREZ RESIN	RED BLP
1/26-28 79	–	–	1.60	375.00	2.08	–	96.00	–	.96	–	–	–
29-30	–	–	1.50	375.00	1.95	–	80.00	–	1.05	–	–	–
3-4-5	–	–	.70	450.00	2.21	–	102.00	–	1.19	–	–	–
6-7-10	–	–	.20	325.00	1.69	1.00	78.00	–	1.10	–	–	–
11-15	–	–	–	675.00	3.64	1.00	168.00	–	2.69	–	–	–
17-19	–	–	–	50.00	2.47	–	80.00	–	10.00	–	–	–
20-22	–	–	–	850.00	4.29	–	204.00	–	4.88	–	–	–
27-29	–	–	–	825.00	2.06	–	102.00	–	2.10	–	–	–
	–	–										
			4.50	3975.00	20.41	2.00	960.00		23.97			
			✓	✓	✓	✓	460.80 ✓		✓			

SA 067952

RED BLP	AMMONIA (7.27)	SALT	BORAX	NOPCO 178 (7.73)	FORMALDEHYDE	PROCOTE PROTEIN	LATEX 600 (DOW)	STALEY STA GUARD	DYLEX LATEX	NOPCO 1407	ALC
—	3 36	—	2 40	—	4 00	64 00	—	—	—	4 48	2
—	3 15	10 00	2 25	—	3 75	60 00	—	—	—	4 50	—
1	3 57	—	2 55	—	4 25	68 00	—	—	—	5 10	—
—	2 73	—	1 95	—	3 25	52 00	—	—	—	3 90	1
—	5 67	—	4 05	—	6 75	108 00	—	—	—	8 10	—
2	4 20	—	2 85	—	4 75	80 00	—	—	—	5 70	—
—	6 93	—	4 95		8 25	132 00	—	—	—	9 24	1
—	3 36	—	2 40	—	4 00	64 00	—	—	—	4 40	4
3	32 97	10 00	23 40		39 00	625 00				45 42	8
	239 69										

SA 867953

MACH 586 Mill C

DEC 1979

PULP USED IN HYDROPULPER

DATE	DRYDEN SEMI BL (481)	NAHOLA (462)	MARATHON (487)	SUPERIOR (502)	PR GEORGE (467)	CELGAR (477)	CREST-BROOK (520)	BRUNS-WICK (489)	WEST-VACO (327)	KAMLOOPS (481)	TOTAL	DRYD FT
11-26-79	—	—	—	—	—	—	—	—	—	—	327	—
27	—	—	—	—	—	—	—	—	—	—	339	—
28	—	—	—	—	—	1 00	—	—	—	—	4 42	—
29	—	—	—	—	—	—	—	—	—	—	2 52	—
30	—	—	—	—	—	—	—	—	—	—	2 60	—
12-1	—	—	—	—	—	—	—	—	—	—	3 26	—
2	—	—	94	—	—	—	—	—	—	—	3 75	—
	—	—	14	—	—	1 00	—	—	—	—	[illegible]	—
3	28	—	82	—	—	—	—	—	—	—	3 25	—
4	36	—	93	—	—	—	—	—	—	—	3 17	—
5	—	—	58	—	—	—	—	—	—	—	2 57	—
6	—	—	84	—	—	—	—	—	—	—	2 10	—
7	—	—	72	—	—	40	—	—	—	—	2 67	—
8	60	—	—	—	—	1 61	—	—	—	—	2 84	—
9	14	—	—	—	—	2 70	—	—	—	—	1 02	—
	1 42	—	3 41	—	—	4 11	—	—	—	—	[illegible]	—
10	—	—	—	—	—	2 45	—	—	—	—	3 95	—
11	—	—	—	—	—	2 12	—	—	—	—	3 96	—
12	—	—	—	—	—	—	—	—	—	—	3 40	—
13	—	—	—	—	—	11	—	—	—	—	2 54	—
14	—	—	—	—	—	1 08	—	—	—	—	3 12	—
15	—	—	—	—	—	1 25	—	—	—	—	2 92	—
16	—	—	—	—	—	1 30	—	—	—	—	2 95	—
	—	—	—	—	—	8 31	—	—	—	—	2 24	—
17	—	—	—	—	—	—	—	—	—	—	2 89	—
18	—	—	1 25	—	—	—	—	—	—	—	3 17	—
19	—	—	1 60	—	—	—	—	—	—	—	3 26	—
20	—	—	6	—	—	—	—	—	—	—	3 22	—
21	—	—	1 05	—	—	—	—	—	—	—	3 88	—
22	—	—	95	—	—	—	1 60	—	—	—	3 67	—
23	—	—	—	—	—	—	1 85	—	—	—	2 85	—
	—	—	4 91	—	—	—	2 45	—	—	—	[illegible]	—
27	—	—	—	—	—	—	—	—	—	—	2 49	—
28	—	—	—	12	—	—	2 49	—	—	—	4 46	—
29	—	—	—	1 59	—	—	12	—	—	—	2 41	—
30	—	—	—	1 71	—	—	2 70	—	—	—	[illegible]	—
	1 42	—	4 74	1 71	—	14 [illegible]	5 15	—	—	—	[illegible]	—
	683 021	—	474338	86697	—	668254	267800	—	—	—	5,000,365	221

[redacted]

SA 067954

397 DRYDEN AB	587 GD PRAIRIE	397 EDDY	500 ALLIED SW	507 DOMTAR	497 ALLIED NW	504 PR. ALBERT	537 SOUTH-WEST	414 TERRANCE BAY	560 BUCKEYE	557 PANAMA	484 CARIBO	1295 +583 ROLLS POTLATCH
—	90	195	—	—	—	42	—	—	—		—	—
—	120	204	3	—	—	—	—	—		12	—	—
—	12	172	32	—	—	126	—	—	—		—	—
—	—	—	174	—	—	78	—	—	—		—	—
—	—	—	170	—	—	90	—	—	—		—	—
—	—	—	200	—	—	126	—	—	—		—	—
—	—	—	161	—	—	120	—	—	—		—	—
—	..	571	740	—	—	582	—	—	—	12		—
—	—	30	149	—	—	36	—	—	—		—	—
—	—	72	116	—	—	—	—	—	—		—	—
—	—	—	87	—	7	105	—	—	—		—	—
—	—	—	126	—	—	—	—	—	—		—	—
—	—	—	90	—	18	97	—	—	—		—	—
46	12	—	—	—	7	—	—	—	—		—	—
—	16	96	—	—	—	—	—	—	—		—	—
48	3[illegible]	172	518	—	[illegible]	238	—	—	—		—	—
—	—	150	—	—	—	—	—	—	—		—	—
—	30	150	—	—	—	—	—	—	—		—	—
—	120	—	185	—	35	—	—	—	—		—	—
—	30	30	160	—	23	—	—	—	—		—	—
—	—	156	48	—	—	—	—	—	—		—	—
—	—	156	—	—	—	—	—	—	—		—	11
—	5	150	—	—	—	—	—	—	—		—	10
—	1[illegible]	[illegible]	393	—	59	—	—	—	—		—	2[illegible]
—	114	150	—	—	—	—	—	—	—		—	15
—	14	18	143	—	—	—	—	—	—		—	17
—	—	—	114	—	—	42	—	—	—		—	10
25	[illegible]	—	51	—	18	184	—	—	—		—	7
220	40	—	—	—	23	—	—	—	—		—	—
155	—	—	92	—	15	—	—	—	—		—	5
[illegible]		163	430	—	—	—	10	—	—		—	5
118	55	—	66	—	56	226	10	—	—		—	10
—	78	—	229	—	—	—	—	—	—		—	—
—	16	—	—	—	164	—	—	—	—		—	—
—	—	—	—	—	100	—	—	—	—		—	—
118	144	—	[illegible]	—	244	—	—	—	—		—	—
516	[illegible]	[illegible]	[illegible]	—	410	1046	10	—		12	—	[illegible]
224702	460208	688001	1188000	—	203770	527184	5370	—	—	6494	—	130 11

SA 067955

ACH 7,8 F9 MILL D

DEC. 1979 PULP USED IN HYDROPULPER

DATE	SUPERIOR 507	KAMLOOPS 481	SIMPSON 397	NAHOLA 462	MARATHON 467	CREST BROOK 520	GD PRAIRIE 587	ALLIED SW 500	WEST VALD 327	PR GEORGE 467	TOTAL	ALLIED HL 49
11-26-79	–	–	–	–	–	–	–	8	–	–	360	
27	–	–	–	–	–	–	–	32	–	–	297	
28	–	18	–	–	–	–	–	86	–	–	312	
29	–	44	–	–	–	–	–	146	–	–	312	
30	–	40	–	–	–	–	–	164	–	–	336	
2-1	–	32	–	–	–	–	–	154	–	–	336	
2	–	–	–	–	–	–	–	144	–	–	372	
	–	134	–	–	–	–	–	234	–	–	[illegible]	
3	110	–	–	–	–	–	–	88	–	–	300	
4	14	190	–	–	–	–	–	42	–	–	324	
5	–	126	–	–	–	–	–	40	–	–	286	
6	–	20	–	–	–	–	–	–	–	–	312	
7	–	–	–	–	–	112	–	–	–	–	312	
8	–	–	–	–	–	–	–	280	–	–	384	
9	–	136	–	–	–	–	–	72	–	–	420	
	124	472	–	–	–	112	–	522	–	–	[illegible]	
10	–	56	–	–	–	–	–	136	–	–	372	
11	–	92	–	–	–	–	–	112	–	–	300	
12	–	–	–	52	–	–	–	32	–	–	336	
13	–	–	–	132	–	24	–	–	–	–	336	
14	–	36	–	–	–	132	–	–	–	–	316	
15	–	208	–	–	–	–	–	–	–	–	262	
16	–	–	–	–	16	–	–	36	–	–	290	
	–	392	–	[illegible]	16	156	–	316	–	–	[illegible]	
17	–	–	–	–	–	–	–	54	–	–	342	
18	–	–	–	–	–	–	–	72	–	–	336	
19	–	–	–	–	–	–	–	106	–	–	330	
20	–	–	–	–	–	–	–	114	–	–	366	
21	–	–	–	–	–	–	–	114	–	–	242	
22	–	–	–	–	–	–	–	124	–	–	300	
23	–	–	–	–	–	–	–	40	–	–	132	
	–	–	–	–	–	–	–	624	–	–	[illegible]	
27	150	–	–	–	–	–	–	98	–	–	344	
28	–	–	–	–	–	–	–	266	–	–	370	
29	–	–	–	–	–	–	–	160	–	–	308	
30	–	–	–	–	–	–	–	164	–	–	[illegible]	
	150	–	–	–	–	–	–	688	–	–	[illegible]	
	274	998	–	184	16	268	–	2884	–	–	102[illegible]	
	13891 8	11800 [illegible]	–	8500 8	7792	13936 0	–	14120 00	–	–	5,035,449	

SA 067956

497 ALLIED NW	477 CELGAR	423 DRYDEN FB	489 BRUNSWICK	397 EDDY	481 DRYDEN SEMI BL	414 TERRACE BAY	537 SOUTH WEST	512 NORAL	484 CARIBO 537 PANAMA	504 DR ALBERT	507 DOMTAR
36	96	—	—	84	—	—	—	136	—	—	—
23	72	54	—	116	—	—	—	—	—	—	—
16	50	—	—	—	100	—	—	—	42	—	—
42	44	8	—	—	—	—	—	—	28	—	—
74	40	—	—	—	—	—	—	—	18	—	—
64	36	—	—	—	—	—	—	32	18	—	—
72	52	—	—	—	—	—	—	104	—	—	—
327	3	62		200	100			272	106	—	—
20	64	—	—	—	—	—	—	—	18	—	—
18	36	—	—	—	—	—	—	—	8	24	—
42	36	—	—	—	—	—	—	—	—	36	—
68	42	—	—	—	—	—	—	—	—	182	—
20	104	—	—	—	—	—	—	—	—	76	—
20	42	—	—	—	—	—	—	—	—	42	—
12	134	—	—	—	—	—	—	—	—	66	—
200	456	—	—	—	—	—	—	—	26	426	—
—	76	—	—	—	—	—	—	—	104	—	—
—	44	—	—	12	—	—	40	—	—	—	—
—	—	—	—	226	—	—	—	—	26	—	—
60	16	—	—	104	—	—	—	—	—	—	—
72	—	—	—	76	—	—	—	—	—	—	—
42	—	—	—	—	12	—	—	—	—	—	—
16	8	—	—	—	132	—	2	—	8	72	—
190	144	—	—	118	144	—	42	—	138	72	—
36	78	—	—	—	—	—	—	—	14	160	—
68	48	—	—	—	—	—	—	—	—	148	—
106	54	—	—	—	—	—	—	—	—	64	—
60	66	—	—	—	—	—	—	—	126	—	—
64	42	—	—	—	—	—	—	—	—	72	—
48	26	—	—	40	—	—	—	—	—	68	—
24	20	—	—	40	—	—	—	—	—	8	—
186		—	—	40	—	—	—	—	140		—
0	36	—	—	—	—	—	—	—	50	—	—
4	30	—	—	—	—	—	—	—	—	78	—
72	—	—	—	—	—	—	—	—	—	68	—
68	—	—	—	—	—	—	—	—	—	62	—
154	[illegible]	—	—	—	—	—	—	—	50	200	—
[illegible]	[illegible]	62	—	[illegible]	244	—	42	272	460	[illegible]	—
[illegible]	6611	[illegible]	—	2771 06	1173 64	—	27 34	1392 64	247 020	61[illegible]	—

SA 067957

CH 5,6 MILL C

EC 1979

CHEMICALS USED IN BEATER

DATE	ALUM #	SIZE #	CLAY GAL	ANSILEX	SCM ①	NALCO 680	TITANIUM ②	ZEALEX	TI PURE ③	DU PONT	TOTAL	Ax
11-26-79	3 15	13 80	22 50	9 00	—	—	18 00	—	—	—	66 45	—
27	3 15	13 30	22 50	9 00	—	—	14 50	—	—	—	62 45	—
28	3 50	18 50	25 00	10 00	—	—	15 00	—	—	—	72 00	—
29	2 10	6 63	50 00	—	36 00	—	9 50	18 00	—	—	122 23	—
30	5 60	7 01	60 50	15 00	—	—	29 50	—	—	—	117 61	—
12-1	2 80	7 55	64 00	12 00	—	—	24 00	—	—	—	110 35	—
2	2 45	7 36	55 50	19 50	—	—	52 50	—	—	—	137 31	—
	22 75	74 15	300 00	74 50	36 00	—	[illegible] 00	18 00	—	—	[illegible] 4	—
3	3 50	7 53	74 00	10 50	29 00	—	6 00	—	—	—	130 53	—
4	3 33	7 28	75 00	9 50	14 25	—	14 00	—	—	—	123 36	—
5	2 10	6 10	44 00	12 00	—	—	49 50	—	—	—	113 70	—
6	2 80	5 45	28 00	—	—	—	59 00	—	—	—	111 25	—
7	3 15	7 23	44 00	10 00	—	—	69 50	—	—	—	133 88	—
8	2 98	9 55	61 00	8 50	—	—	47 25	—	—	—	127 28	—
9	3 50	4 38	12 50	17 50	—	—	37 50	—	—	—	95 38	—
	21 36	67 [illegible]	331 50	68 00	43 [illegible]	—	2[illegible]	—	—	—	[illegible]	—
10	4 20	33 98	6 00	30 00	—	—	72 00	—	—	—	146 18	—
11	3 85	29 75	5 50	27 50	—	—	66 00	—	—	—	132 60	—
12	2 80	7 38	50 00	24 00	—	—	50 50	—	—	—	134 68	—
13	8 33	5 25	48 00	13 50	—	—	30 25	—	—	—	100 33	—
14	4 20	5 51	59 00	—	—	—	22 00	—	—	—	90 71	—
15	4 38	5 67	59 00	19 00	—	—	4 50	—	—	—	92 55	—
16	4 20	6 14	60 00	12 00	—	—	36 00	—	—	—	118 34	—
	26 96	93 68	2[illegible] 50	1[illegible]	—	—	2[illegible]	—	—	—	[illegible]	—
17	4 20	6 51	73 00	12 00	—	—	27 50	—	—	—	123 21	—
18	3 85	7 16	64 00	11 00	—	—	16 50	—	—	—	103 41	—
19	4 20	6 58	82 00	12 00	—	—	23 50	—	—	—	128 28	—
20	3 50	13 48	46 00	17 00	—	—	20 00	—	16 50	—	[illegible] 48	—
21	3 85	23 72	22 00	11 00	—	—	22 00	—	—	—	82 57	—
22	4 55	32 93	26 00	13 00	—	—	22 00	—	—	—	91 48	—
23	3 50	27 00	18 00	13 00	—	—	28 00	—	—	—	88 50	—
	27 65	117 38	331 00	8[illegible] 00	—	—	15[illegible] 50	—	[illegible]	—	[illegible]	—
27	3 68	5 26	45 50	27 50	—	—	56 00	—	—	—	137 84	—
28	4 55	5 93	66 00	31 00	—	—	54 00	—	—	—	[illegible]	—
29	4 55	6 83	78 00	31 00	—	—	27 00	—	22 50	—	169 88	—
30	3 33	4 91	56 00	6 50	—	—	14 50	—	—	—	85 24	—
	16 11	[illegible]	24[illegible] 50	46 00	—	—	151 50	—	[illegible]	—	5[illegible] 54	—
	114 83	37[illegible]	150[illegible] 50	455 50	79 25	—	1[illegible]38 00	1[illegible]	3[illegible]		3631 64	—
	✓			✓	✓	✓	✓	✓	✓	+		

SA 067958

Ax ④	ALPHA SIZE	cyclo-Al	PAPERAD	DEY CLAY
—	—	—	—	—
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—	—	—	—	—
—	—	—	16 00	—
—	—	—	—	—
—	—	—	—	—
—	—	—	—	—
—	—	—	1[illegible]	—
—	—	—	—	—
—	—	—	—	—
—	—	—	—	—
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—	—	—	—	—
—	—	—	—	—
—	—	—	—	—
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—	—	—	16100	190
—			✓	

SA 067959

ACH 28,69 MILL D

DEC 1979

CHEMICALS USED IN BEATER

DATE	ALUM #	SIZE #	CLAY	ANSILEX	SCM ①	NALCO 680	AX ②	TI-PURE ③	CAMEL-WITE	CALCIUM CARBONATE	TOTAL	TITAN
11-26 79	27 60	18 05	97 40	66 20	105 00	261	—	—	—	—	316 66	—
27	23 95	19 75	59 10	86 50	91 25	120	—	—	—	—	280 75	—
28	24 85	12 75	73 90	33 25	44 25	2 51	—	—	—	—	191 51	—
29	24 60	12 58	62 10	20 50	37 50	2 46	—	—	—	—	159 74	—
30	25 50	12 75	37 60	12 00	35 00	2 55	—	—	—	—	125 40	—
12-1	26 70	14 85	98 00	46 50	28 50	2 67	—	26 50	—	—	243 72	—
2	28 43	18 56	108 78	75 88	10 50	2 84	—	84 75	—	—	329 74	—
	181 63	108 29	536 88	340 63	352 00	16 84	—	111 25	—	—	1647 52	—
3	25 05	18 00	98 50	87 00	45	2 51	—	94 00	—	—	325 51	—
4	28 30	23 77	66 00	86 00	—	1 92	—	100 00	—	—	305 93	—
5	23 30	13 45	60 90	73 00	40 50	2 31	—	29 50	—	—	266 96	2
6	29 60	15 51	63 20	53 25	39 00	2 47	—	73 50	—	—	304 53	—
7	22 80	16 60	54 20	76 00	107 00	2 28	—	10 50	—	—	289 38	—
8	16 80	14 55	37 80	56 50	68 00	1 68	—	30 00	60 00	—	285 33	—
9	21 15	16 00	63 90	47 25	62 00	2 12	—	5 75	36 00	—	354 17	—
	162 00	117 8[illegible]	444 50	479 00	[illegible]	[illegible]	—	343 25	[illegible]	—	2031 [illegible]	2
10	27 60	17 85	81 00	43 50	57 00	2 76	—	—	—	—	273 21	2
11	24 40	12 98	95 90	32 00	33 00	2 37	—	3 50	—	—	204 15	—
12	28 25	21 40	69 90	25 50	—	2 64	—	34 00	—	—	181 69	—
13	29 50	16 60	111 30	56 00	58 50	2 94	—	1 00	—	—	275 84	—
14	32 10	20 55	97 10	61 50	76 00	3 24	—	3 00	—	—	293 49	—
15	26 93	14 97	67 55	51 88	55 75	3 23	—	33 50	—	—	253 81	—
16	24 65	17 48	54 70	77 75	3 50	2 45	—	76 50	—	—	257 03	—
	183 43	121 [illegible]	577 45	[illegible]	[illegible]	19 63	—	151 5	—	—	17[illegible] 9 22	[illegible]
17	25 90	23 86	40 70	46 50	90 50	2 40	—	—	—	—	229 86	—
18	25 53	22 77	44 75	40 63	101 15	2 38	—	—	—	—	237 19	—
19	27 60	23 40	50 50	40 50	92 50	2 70	—	—	—	—	269 26	—
20	24 45	20 52	36 50	89 75	—	2 22	—	128 25	—	—	302 69	—
21	27 30	31 00	69 60	64 00	—	2 73	—	77 50	—	—	272 33	—
22	26 70	15 90	53 40	37 00	7 00	2 67	—	59 50	—	—	236 17	—
23	18 40	13 45	69 90	27 50	22 50	1 84	—	30 08	—	—	178 14	—
	176 38	151 30	424 55	305 88	313 63	16 [illegible]	—	295 25	—	—	17[illegible] 19	—
24	25 05	20 43	113 95	26 00	30 00	2 [illegible]	—	46 00	—	—	26[illegible] 68	—
25	27 30	20 23	81 30	72 00	—	2 73	—	115 50	—	—	343 76	—
26	28 95	29 70	113 50	69 25	—	2 90	—	34 30	—	—	321 80	—
27	20 40	19 98	55 10	76 00	—	2 04	—	6 00	—	—	266 02	—
30	101 [illegible]	71 34	334 05	245 [illegible]	[illegible]	9 92	—	2 [illegible]	—	—	[illegible] 76	—
	815 14	541 58	2315 43	1758 89	1298 [illegible]	76 67	—	120 [illegible]	[illegible]	—	8350 19	57

TITANIUM	ZEALEX	ALPHA-SIZE	UNITANE	BIOCIDE	PAPERAD	DRY [illegible]	WDB
—	—	—	—	—	—		
—	—	—	—	—	—		
—	—	—	—	—	—		
—	—	—	—	—	—		
—	—	—	—	—	—		
—	—	—	—	—	—		
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2400	—	—	—	—	—		
300	—	—	—	—	3000		
—	—	—	—	—	—		
—	—	—	—	—	—		
—	—	—	—	—	—		
27[illegible]	—	—	—	—	3[illegible]		
2900	—	—	—	—	1450		
—	—	—	—	—	—		
—	—	—	—	—	—		
—	—	—	—	—	—		
—	—	—	—	—	—		
—	—	—	—	—	—		
—	—	—	—	—	—		
[illegible]	—	—	—	—	1[illegible]50		
—	—	—	—	—	—		
—	—	—	—	—	—		
—	—	—	—	—	—		
—	—	—	—	—	—		
—	—	—	—	—	—		
—	—	—	—	—	—		
—	—	—	—	—	—		
100	—	—	—	—	4 00	18 00	32 50 21 00
100	—	—	—	—	41 0	[illegible]	23 50 77 [illegible]
[illegible]00	—	—	—	—	4[illegible]0	1[illegible]20	[illegible]0

DEC 1979 BLADE COATER CHEMICALS

DATE	LATEX 673 GAL x3.98	DEFOAMER DF-122	STEGRATE DC-111 GAL x6.09	KELGIN NU #	TSPP #	CLAY GAL HT. WAX x10	AMMONIA GAL x7.27	UVITEX	CAMIL WITE #	LATEX 6107 GAL x4.37	PG-208	74-PENC
11-26 79	6 51	12	30	45	48	18 75	18	1 02	—	—	12 00	—
27	4 34	8	20	30	32	12 50	22	—	—	—	34 00	—
28	—	—	—	—	—	—	—	—	—	—	—	—
29	2 17	4	10	15	16	6 25	6	1 16	—	—	—	—
30	8 68	12	40	60	64	25 00	24	68	—	—	—	—
12-1	8 68	16	40	60	64	25 00	24	—	—	—	—	—
2	8 68	16	40	60	64	25 00	24	1 36	—	—	—	—
3	8 68	16	40	60	64	25 00	24	1 36	—	—	15 00	—
4	10 85	20	50	75	80	31 25	30	1 70	—	—	24 00	—
5	—	—	—	—	—	—	—	—	—	—	—	—
6	—	4	10	15	16	6 25	6	34	20	—	—	—
7	13 02	24	60	96	96	37 50	36	2 04	—	—	—	—
8	8 68	88	40	60	1 54	25 00	60	1 36	—	—	54 00	—
10	4 34	8	20	30	50	12 50	12	68	91 00	—	11 00	—
11	—	—	—	—	27	—	1	—	136 50	—	3 00	—
12	4 34	8	20	30	32	12 50	12	68	—	—	24 00	—
13	—	—	—	—	—	—	—	—	—	—	—	—
14	—	—	—	—	—	—	—	—	—	—	—	—
15	8 68	12	40	60	64	25 00	24	1 36	—	—	—	—
16	6 51	12	30	45	48	18 75	18	—	—	—	—	—
19	6 25	4	10	15	16	6 25	6	—	—	—	—	—
20	10 85	20	50	75	80	31 25	30	1 70	—	—	—	—
21	10 85	20	50	75	80	31 25	36	1 36	—	—	—	—
22	6 51	12	30	45	48	18 75	18	—	—	—	—	—
27	13 11	28	62	1 45	1 16	37 55	52	1 02	—	—	—	—
28	9 25	20	40	1 25	85	23 50	30	—	—	—	—	—
29	13 02	24	60	90	96	37 50	36	2 04	—	—	—	—
30	14 52	27	72	96	96	40 05	45	2 04	2 00	—	15 00	—
	18 52	1 15	8 64	13 [illegible]	15 36	532 35	5 94	21 90	[illegible]	—	[illegible]	
	750 31	✓	61 90	✓	✓	532 50	43 18	✓	12 50		✓	
	✓		✓			220 00	3 71					
						5543 50	46 89		249 20			

14-B ENCORE	STAYSIZE 112 #	CLINSIZE 763	NOPCOSIDE 120	CALGON T #	GLYCERINE	NOPCOSANT K GAL	CELLO-LOSE	CMC-ZL	SCRIPTSET 720 GAL	GAL FC-807	239 ATLAS
									x 2.27		x 8.36
—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	✓	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
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—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	2 70	90	—
800	—	—	20	—	18	10	—	—	—	—	54
1200	—	50	6	—	39	15	—	—	—	—	81
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—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	9	—	3	—	—	—	—	—
2 00	—	[illegible]	2	9	57	35	—	—	2 70	40	[illegible]
✓		✓	✓	✓	✓	10			6 13		
						45			✓	✓	

SA 067963

620 GAL LATEX (4.33)	722 GAL LATEX (3.99)	BL 325 BERSET	BORAX #	LU PROTEIN	SODIUM NITRATE	PREZ 707 GAL (+10)	NT CLAY DRY	MISSISSIPPI CLAY	HYB CLAY	FORMULA 2036 GAL	ELGUANOL #
-	-	-	-	-	5.00	-	-	-	-	-	-
4.40	-	-	1	-	8.00	-	-	-	-	-	1.50
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
-	20	-	-	-	24.00	-	-	-	-	-	-
-	-	-	-	-	48.00	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
2.20	-	1	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	2.50
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	13.00	-	-	-	-	-	6.00
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
6.60	20	1	1	-	78.00	-	-	-	-	-	10.00
28.58		24	79	1500							
17.51	V	25	80	1500							
46.09	179										

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867964

DEC 1979

BLADE COATER BROKE

DATE	UNCOATED	COATED BROKE	TOTAL	R&D TRIAL UNCOATED	R&D TRIAL COATED	R&D TRIAL TOTAL
11 26 79	43 95	100 15	144 10	–	–	–
27	39 48	89 44	128 92	–	–	–
28	–	–	–	9 60	22 80	32 40
29	6 00	18 00	24 00	12 00	45 85	57 85
30	14 00	86 36	100 36	–	–	–
12-1	5 85	29 80	35 65	–	–	–
2	36 22	51 29	87 51	–	–	–
3	7 00	43 45	50 45	–	–	–
4	9 85	32 80	42 65	–	–	–
5	–	–	–	4 70	25 90	30 60
6	8 00	34 00	42 00	5 80	10 75	16 55
7	14 15	57 20	71 35	–	–	–
8	12 30	42 80	55 10	–	–	–
10	48 85	55 85	109 70	–	–	–
11	9 80	55 75	65 55	–	–	–
12	8 50	63 35	71 85	–	–	–
13	–	–	–	10 25	36 50	46 75
14	–	–	–	20 50	44 40	64 90
15	3 60	32 60	36 20	–	–	–
16	21 70	21 50	43 26	–	–	–
17	–	–	–	26 70	46 40	73 10
18	–	–	–	37 20	58 00	95 20
19	1 50	10 00	11 50	17 50	102 00	119 50
20	14 [illegible]	32 00	46 50			
21	5 80	57 60	63 40			
22	27 00	54 50	81 50			
27	14 90	51 35	66 25			
28	88 45	147 50	235 95			
[illegible]	[illegible]	93 60	163 77			
30	26 50	85 00	111 50			
	538 67	[illegible]	183 96	144 25	[illegible]	[illegible]

SA 067965

:D ARNOLD x 250

JAN 1980 — MILL x100 "C" CHEMICALS x100 x100 409 x8 [illegible]

DATE		ALUM	GAL 3960 TK CLAY	GAL x .25 SIZE	675B LBS CLINTON	763 CLINSIZE	STAZYME 3	STAYSIZE 112	TITANIUM	ANSILEX	DEFOAMER	CP-7	NALCO
12-31	79	6.50	475.20	10.03	—	—	96.00	—	40.50	14.00	.15	1.00	—
1-1	80	5.50	277.20	20.90	—	.18	48.00	—	18.00	9.60	.15	.50	—
1-2		7.00	198.00	32.34	—	.24	12.00		18.50	8.00	.20	.50	—
3		6.50	158.40	34.51	—	.30	48.00		23.00	10.00	.20	—	—
4		6.00	158.40	37.22	—	—	60.00	—	47.50	16.50	.20	—	—
5		6.50	356.40	9.70	—	—	96.00	—	41.00	15.00	.15	1.00	—
6		8.00	396.00	8.98	—	—	144.00	—	36.00	18.00	.15	1.0[illegible]	—
7		8.00	514.80	8.64	—	—	144.00	—	27.50	16.50	.15	1.50	—
8		7.00	514.80	7.81	—	—	120.00	—	17.50	10.50	.15	1.00	—
9		9.00	514.80	7.18	—	—	120.00	—	28.00	15.50	.15	1.50	—
10		8.00	396.00	7.13	—	.10	94.00	—	34.00	12.00	.15	1.00	—
11		5.00	277.20	4.03	—	—	60.00	—	28.50	15.00	.10	1.50	—
12		3.00	475.20	7.16	—	—	132.00	—	31.50	15.50	.15	1.00	—
13		5.00	514.80	7.57	—	—	120.00		32.50	8.00	.15	1.00	—
14		7.00	435.60	10.22	—	—	144.00	—	56.00	12.00	.15	1.00	—
15		8.50	198.00	18.02	—	—	48.00	—	64.00	16.00	.15	1.00	—
16		7.00	237.60	19.29	—	.20	48.00	—	40.00	12.00	.15	1.50	—
17		6.50	[illegible]	10.57	—	.13	91.00	—	54.50	15.00	.15	1.00	—
18		9.00	633.60	10.53	—	—	108.00	—	72.00	19.00	.15	1.50	—
19		7.00	316.80	9.95	—	—	96.00	—	60.00	12.00	.15	1.00	—
20		8.50	316.80	5.43	—	—	108.00		52.50	0.50	.15	1.00	—
21		7.50	475.20	7.90	—	—	120.00	—	84.75	18.75	.15	1.00	—
22		9.00	237.60	6.98	—	—	84.00	—	112.00	38.00	.15	1.00	—
		161.00	8276.40	302.09	—	1.15	2141.00	—	1019.75	336.75	3.55	22.50	—
23		10.00	316.80	7.23	62.00	—	22.00	—	62.00	16.50	.15	1.00	—
24		6.50	435.60	6.08	106.00	.10	—	—	57.00	13.50	.15	1.00	—
25		6.50	237.60	4.05	60.00	—	—	—	81.00	28.00	.15	.00	—
26		9.00	356.40	4.10	82.00	.22	8.00	—	77.00	23.50	.15	1.00	—
27		9.00	435.60	3.45	24.00	.34	50.00		73.50	24.00	.15	1.00	—
		202.00	10[illegible]	327.00	334.00	.81	2221.[illegible]	—	1370.25	442.[illegible]	4.30	[illegible]	—
						181.00					[illegible]4.79	231.55	

SA 067966

NALCO 680	PARAMEL x .08	ALUM-ON TANK	CLAY TANK	SODIUM NITRATE x 100	ALPHA GAL SIZE	DOUGLAS STARCH x 100
—	60.00	3	39.00	—	—	—
—	298.20	2	22.00	67.00	—	—
—	266.40	3	16.00	90.00	—	—
—	271.60	3	13.00	112.00	—	—
—	3[illegible].00	3	10.00	—	—	—
—	31.80	3	30.00	—	—	—
—	—	3	36.00	—	—	—
—	—	4	42.00	—	—	—
—	15.00	3	35.00	—	—	—
—	—	4	44.00	—	—	—
—	—	3	36.00	—	—	—
—	—	2	16.00	—	—	—
—	—	2	35.00	—	—	—
—	—	3	41.00	—	—	—
—	—	2	36.00	—	—	—
—	231.40	4	17.00	—	—	—
—	260.00	3	16.00	—	—	—
—	66.80	3	17.00	—	—	—
—	—	4	48.00	—	—	—
—	—	3	24.00	—	—	—
—	—	4	28.00	—	15	—
—	—	3	39.00	—	31½	—
—	—	8	16.00	—	24	—
—	1847.20	75	656.00	264.00	70½	—
—	—	5	28.00	—	21	—
—	—	3	34.00	—	—	—
—	—	3	20.00	—	—	—
—	—	4	30.00	—	72	—
—	—	4	31.00	—	72	—
—	[illegible]	94	[illegible]	[illegible]	[illegible]	—
	147.78					
		[illegible]				

SA 867967

OSKAR DIKERTS

JAN 1980

MILL "D" CHEMICALS

DATE		GLUE	SIZE 120 x TK	C-7 GAL	J (100)	CLINCO 55 (100)	TITANIUM (x50)	71-M NALCO	CLAY COUNTER (x5400)	SODIUM ALUMINATE
12-31	79	98	7 26	–	–	104 00	60 00	–	3	1
1-1	80	98	5 40	–	48 00	28 00	75 00	–	3	–
2		98	9 00	–	32 00	–	75 00	–	4	–
3		97	3 60	–	–	–	100 00	–	3	–
4		49	3 60	–	–	138 00	100 00	–	16	1
5		98	5 40	–	66 00	128 00	80 00	–	7	1
6		49	5 40	–	160 00	–	26 00	–	8	1
7		147	12 60	–	12 00	102 00	51 00	–	8	1
8		49	9 00	–	–	128 00	40 00	–	7	1
9		49	5 40	–	–	144 00	67 00	–	10	1
10		49	5 40	–	–	144 00	103 50	–	6	1
11		98	3 60	–	–	144 00	100 00	–	3	–
12		98	4 80	–	–	140 00	105 00	–	3	–
13		98	4 80	–	–	144 00	100 00	–	3	–
14		98	4 80	–	–	166 00	107 50	–	3	–
15		98	4 80	–	–	80 00	100 00	–	4	–
16		98	3 60	–	–	128 00	95 00	–	3	–
17		98	3 60	–	–	128 00	105 00	–	3	–
18		196	–	–	–	112 00	157 00	–	3	12
19		49	–	–	–	128 00	140 50	–	10	1
20		49	6 00	–	–	192 00	90 00	–	8	2
21		98	6 00	–	–	176 00	121 00	–	8	–
22		–	7 20	–	–	96 00	75 50	–	5	1
23		–	6 00	–	–	160 00	110 00	–	6	1
24		–	7 20	–	–	160 00	72 50	–	7	2
25		–	4 80	–	–	128 00	105 00	–	3	–
26		–	5 40	–	–	144 00	105 00	–	3	–
27		–	5 40	–	–	160 00	105 00	–	5	1
		19 09	150 00	–	318 00	3[illegible] 00	2571 50	–	155	28
									837000	

SA 067968

CLAY ROTO-DIP USAGE (GAL)

DATE	#5	#6	TOTAL
12-31-79	51.36	34.25	85.61
1-1-80	51.79	32.72	84.51
2	48.99	16.89	65.88
3	22.30	[illegible].36	31.66
4	25.75	18.53	44.28
5	32.99	31.94	64.93
6	30.70	35.73	66.43
7	49.47	42.75	92.22
8	29.90	37.26	67.16
9	56.57	46.95	103.52
10	59.31	34.76	94.07
11	55.74	5.40	61.14
12	53.58	31.82	85.40
13	45.39	56.70	102.09
14	11.95	47.90	59.85
15	17.27	26.60	43.87
16	30.68	25.16	55.84
17	25.35	35.37	60.72
18	28.45	29.51	57.96
19	40.70	16.62	57.32
20	29.66	22.02	51.68
21	23.40	41.15	64.55
22	39.09	2.39	41.48
23	47.62	12.57	60.19
24	28.15	38.16	66.31
25	14.70	19.66	34.36
26	23.61	34.18	57.79
27	23.85	48.45	72.30
	998.32	[illegible]	[illegible]

SA 867969

HARRY VOGLER x 202 & 205

JAN 1980

MILL "E" CHEMICALS x.48

DATE	SOY FLOUR	N.T. CLAY	CASEIN	N.T. CLAY TK	CAMIL WITE	CAUSTIC SODA	LATEX DOX 620	LATEX DOW 636	TSPP	ULTA BLUE	PAREZ RESIN	RED B
12-31-2 79	—	—	—	40000	2 08	—	96 00	—	1 46	—	—	—
3-5	—	—	—	350 00	1 96	—	90 00	—	1 98	—		—
7-9	—	—	—	454 47	1 69	—	84 00	—	1 20	—	—	—
10-11	—	—	—	50 00	1 17	—	54 00	—	1 63	—	—	—
14-16	—	—	—	475 00	2 47	—	120 00	—	1 83	—		—
17-18	—	—	—	225 00	1 17	—	54 00	—	1 72	—	—	—
21-22	—	—	—	275 00	1 30	—	66 00	—	1 05	—	—	—
23-25	—	—	—	375 00	4 74	—	109 58	—	4 50	—	—	—
	—	—	—	2604 47	16 58	—	673 58	—	15 37	—	—	—
				✓	✓		323 31		✓			

SA 067970

x 7.27

371

RED BAP	AMMONIA	SALT	BORAX	NOPCO 178	FORMALDEHYDE	PRO COTE PROTEIN	LATEX 620	DOW STALEY STA COTE D6	DYLEX LATEX	NOPCO 1407	ALC
—	3 36	—	2 40	—	4 00	64 00	—	—	—	4 48	—
—	2 94	-	2 10	—	3 50	56 00	—	—	—	4 20	1
—	2 94	-	2 10	—	3 50	56 00	—	—	—	4 20	—
—	1 89	—	1 35	—	2 25	36 00	—	—	—	2 70	½
—	3 99	30 00	2 85	—	4 75	76 00	—	—	—	5 70	½
—	1 89	45 00	1 35	—	2 25	36 00	—	—	—	2 70	½
—	2 10	50 00	1 50	—	2 50	40 00	—	—	—	3 00	½
—	—	110 00	-	—	4 95	48 50	—	—	—	-	—
—	19 11	235 00	13 65	—	27 70	412 50	-	—	—	26 98	2
✓	138 93 ✓	✓	✓	✓	✓					✓	—

SA 867971

IACH 5&6
MILL C
AN 1980

PULP USED IN HYDROPULPER

DATE	DRYDEN SEMI BL (481)	NAHOLA (462)	MARATHON (487)	SUPERIOR (507)	PR. GEORGE (467)	CELGAR (477)	CREST BROOK (520)	BRUNSWICK (489)	WEST. VACO (327)	KAMLOOPS (481)	TOTAL	DRYDEN FB (39)
12-31 79	—	—	—	213	—	—	—	—	—	—	315	—
1-1 80	—	—	—	35	—	195	—	—	—	—	315	—
2	—	—	—	—		230	—	—	—	—	326	—
3	265	—	—	—	—	50	—	—	—	—	332	—
4	30	—	—	190	—	—	—	—	—	—	346	—
5	7	—	—	100	—	—	—	—	—	—	342	—
6	—	—	—	—	—	—	—	—	—	—	380	—
	302	—	—	538	—	475	—	—	—	—	[illegible]	—
7	—	—	—	—	—	164	—	—	—	—	372	—
8	—	—	—	—	—	24	—	—	—	—	361	—
9	8	—	—	—	—	—	—	—	—	—	354	—
10	180	—	—	—	—	—	—	—	—	—	352	—
11	25	—	—	—	—	70	—	—	—	—	209	—
12	—	—	—	36	—	220	—	—	—	—	358	—
13	—	—	—	24	—	62	—	—	—	—	381	—
	213	—	—	60	—	540	—	—	—	—	[illegible]	—
14	—	—	—	—	—	54	65	—	—	—	312	—
15	—	—	—	—	—	12	162	—	—	—	272	—
16	—	—	—	139	—	113	25	—	—	—	283	—
17	—	—	—	101	—	12	36	—	—	—	299	—
18	—	—	—	—	—	—	105	—	—	—	291	—
19	—	—	—	—	—	18	52	—	—	—	250	—
20	—	—	—	—	—	134	—	—	—	—	327	—
	—	—	—	24	—	343	[illegible]	—	—	—	[illegible]	
21	—	—	—	—	—	67	—	—	—	114	331	—
22	—	—	36	—	—	—	—	—	—	120	[illegible]	—
23	—	—	147	—	18	—	—	—	—	—	314	—
24	—	—	—	—	138	—	—	—	—	—	277	—
25	—	—	33	—	39	—	—	—	—	—	192	—
26	—	—	108	—	—	—	—	—	—	—	270	—
27	—	—	—	—	—	—	—	—	—	173	315	—
	—	—	324	—	195	67	—	—	—	407	[illegible]	—
	515	—	324	838	195	1425	445	—	—	407	8167	—

[redacted]

5A 067972

397 DRYDEN FD	587 GD PRAIRIE	397 EDDY	500 ALLIED SW	507 DOMTAR	497 ALLIED NW	504 PR ALBERT	537 SOUTH-WEST	414 TERRANCE BAY	POTLATCH	CHAMPION	BULKLEY	PULP SW
—	—	—	—	—	88	—	—	—	14	—	—	—
—	—	—	—	—	20	65	—	—	—	—	—	—
—	—	—	—	—	28	68	—	—	—	—	—	—
—	—	—	—	—	17	—	—	—	—	—	—	—
—	—	—	—	—	21	105	—	—	—	—	—	—
—	30	56	—	—	44	66	—	—	—	—	—	39
—	96	198	—	—	—	—	—	—	—	69	—	11
—	126	254	—	—	[illegible]	304	—	—	11	[illegible]	—	[illegible]
—	84	—	—	—	—	—	46	—	—	78	—	—
—	83	—	164	—	24	—	—	—	—	48	9	9
—	115	38	170	—	23	—	—	—	—	—	—	—
—	150	4	18	—	—	—	—	—	—	—	—	—
—	102	—	—	—	—	12	—	—	—	—	—	—
—	—	—	32	—	—	70	—	—	—	—	—	—
—	—	—	295	—	—	—	—	—	—	—	—	—
—	534	42	67[illegible]	—	47	[illegible]	4[illegible]	—	—	126	1	7
—	54	—	93	—	—	—	23	—	—	—	—	23
—	90	—	—	—	—	—	4	—	—	—	—	4
—	6	—	—	—	—	—	—	—	—	—	—	—
—	48	—	—	—	—	21	70	—	—	—	—	11
—	51	—	—	—	—	51	84	—	—	—	—	—
—	60	—	—	—	—	60	60	—	—	—	—	—
—	51	—	—	—	—	51	88	—	—	—	—	3
	[illegible]	—	93	—	—	[illegible]	[illegible]	—	—	—	—	41
—	51	—	—	—	—	51	5	—	—	—	—	43
—	57	—	—	—	—	57	—	—	—	—	—	23
—	—	—	—	—	—	—	102	—	—	—	—	47
—	—	—	—	—	—	102	—	—	—	—	—	37
—	42	—	—	—	—	—	54	—	—	—	—	24
—	63	—	—	—	—	63	—	—	—	—	—	36
—	66	—	—	—	34	42	—	—	—	—	—	
—	279	—	—	—	34	[illegible]	161	—	—	—	—	210
—	1299	296	772	—	299	884	536	—	14	195	9	316

5A 067973

MACH 7,8,9
MILL D
JAN 1980

PULP USED IN HYDROPULPER

DATE	SUPERIOR 567	KAMLOOPS 481	SIMPSON 397	NAMOLA 462	MARATHON 487	CRESTBROOK 520	GD PRARIE 587	ALLIED SW 500	WEST UNCO 327	PR. GEORGE 467	TOTAL
12-31 79	6	–	–	–	–	–	–	80	–	–	168
1-1 80	–	–	–	–	98	–	–	4	–	–	278
2	–	–	–	–	172	–	–	4	–	–	192
3	–	–	–	–	130	–	–	208	–	–	360
4	48	–	–	–	16	–	–	248	–	–	372
5	60	–	–	–	–	–	–	184	–	–	396
6	–	50	–	–	–	–	–	204	–	–	372
		5	–	–	116	–	–	232	–	–	
7	–	30	–	–	–	–	–	144	–	–	288
8	–	–	–	–	–	–	–	160	–	–	360
9	–	–	–	–	–	–	–	24	–	–	372
10	176	–	–	–	–	–	–	–	–	–	284
11	96	–	–	–	–	–	–	–	–	–	432
12	132	–	–	–	–	–	–	92	–	–	372
13	–	–	–	–	–	–	–	240	–	–	456
	4	30	–	–	–	–	–	[illegible]	–	–	
14	–	–	–	–	160	–	–	8	–	–	396
15	–	60	–	–	–	–	–	120	–	–	240
16	–	132	–	–	–	–	–	72	–	–	300
17	–	–	–	–	–	–	–	180	–	–	312
18	–	–	–	–	–	–	–	114	–	–	348
19	–	–	–	–	–	–	–	90	–	–	300
20	–	–	–	–	–	–	–	92	–	–	360
	–	17	–	–	160			–			
21	–	52	–	–	–	–	–	128	–	–	324
22	48	74	–	–	–	60	–	60	–	–	266
23	36	–	–	152	–	24	–	36	–	–	330
24	22	146	–	–	–	–	–	–	–	–	276
25	–	124	–	–	–	–	–	–	–	–	404
26	–	–	–	–	–	–	–	138	–	–	364
27	–	–	–	–	–	–	–	120	–	–	300
	624	446	–	152	576	84	–	482	–	–	64
		718	–	152		84	–	2750			9172

ALL

SH 067974

497	477	473	489	397	481	414	537			304	
ALLIED N.W.	CELGAR	DRYDEN FB	BRUNSWICK	EDDY	DRYDEN SEMI BI	TERRANCE BAY	SOUTH WEST	CARIBO	PANAMA	ALBERT	PONTIAC NW
26	—	—	—	—	48	—	—	—	—	8	—
20	—	—	—	—	106	—	—	—	—	—	—
16	—	—	—	—	—	—	—	—	—	—	—
22	—	—	—	—	—	—	—	—	—	—	—
60	—	—	—	—	—	—	—	—	—	—	—
152	—	—	—	—	—	—	—	—	—	—	—
118	—	—	—	—	—	—	—	—	—	—	—
414	—	—	—	—	154	—	—	—	—	2	—
28	—	—	—	36	—	—	—	—	—	—	—
80	—	—	—	120	—	—	—	—	—	—	—
80	16	—	—	252	—	—	—	—	—	—	—
38	44	—	—	26	—	—	—	—	—	—	—
76	56	—	—	192	—	—	—	—	—	12	—
36	36	—	—	—	—	—	—	—	—	76	—
116	—	—	—	—	—	—	—	100	—	—	—
504	152	—	—	[illegible]	—	—	—	100	—	88	—
130	—	—	—	—	—	—	—	98	—	—	—
60	—	—	—	—	—	—	—	—	—	—	—
36	—	—	—	—	—	—	—	—	60	—	—
24	—	—	—	40	—	—	—	—	60	8	—
64	—	—	—	82	—	—	—	—	—	88	—
62	18	—	—	—	—	—	—	—	—	130	—
60	30	—	—	—	—	—	—	—	—	178	—
436	48	—	—	[illegible]	—	—	—	[illegible]	[illegible]	404	—
28	52	—	—	—	—	—	—	—	—	64	—
—	24	—	—	—	—	—	—	—	—	—	—
—	54	—	—	—	—	—	—	—	—	—	28
22	54	—	—	—	—	—	—	—	—	—	32
40	128	—	—	62	—	—	—	—	—	—	—
36	66	—	—	124	—	—	—	—	—	—	—
—	48	—	—	132	—	—	—	—	—	—	—
126	42	—	—	[illegible]	—	—	—	—	—	64	[illegible]
1480	626	—	—	1066	154	—	—	198	120	564	60

SH 867975

MACH 5,6
MILL C
JAN 1980

CHEMICALS USED IN BEATER

DATE	ALUM #	SIZE #	CAP gal	ANSILEX	SCM ①	NALCO 680	TITANIUM ②	ZEALEX	Ti PURE ③	DU PONT	TOTAL	Ax
12-31 79	3.50	16.24	53.00	13.88	—	—	10.00	—	31.13	—	127.75	—
1-1 80	3.15	17.79	13.50	9.00	—	—	—	—	18.00	—	61.44	—
2	2.80	28.15	12.00	8.00	—	—	—	—	18.50	—	69.45	—
3	2.71	28.67	14.63	10.75	—	—	22.36	—	—	—	79.14	—
4	2.90	37.30	1.25	16.00			46.50				103.95	—
5	2.63	7.19	52.00	15.00	—	—	41.00	—	—	—	117.82	—
6	3.15	8.46	67.00	18.00	—	—	36.00	—	—	—	132.61	—
	20.84	1[illegible]3.20	213.38	90.[illegible]	—	—	155.[illegible]8	—	67.63	—	[illegible]	—
7	3.85	6.78	76.00	16.50	—	—	—	—	27.50	—	130.63	—
8	8.45	5.25	20.00	10.50	—	—	—	—	17.50	—	111.70	—
9	4.38	6.26	75.00	15.50	—	—	28.00	—	—	—	129.14	—
10	4.20	5.95	80.00	12.00	—	—	24.00	—	—	—	126.15	—
11	4.20	3.15	38.00	12.00	—	—	24.00	—	—	—	81.35	—
12	3.51	5.62	75.00	38.50	—	—	3	—	—	—	188.63	—
13	3.85	7.40	82.00	8.00	—	—	3.00	—	—	—	122.25	—
	32.44	40.41	446.00	113.00	—	—	79.00	—	45.00	—	[illegible]	—
14	2.10	6.98	54.00	12.00	—	—	8.00	—	—	—	131.08	—
15	2.80	13.78	6.00	16.00	—	—	—	—	—	—	102.58	—
16	3.85	15.80	10.00	14.60	—	—	15.00	—	—	—	83.65	—
17	2.80	10.15	47.00	15.00	—	—	54.50	—	—	—	129.45	—
18	2.80	8.21	48.00	19.60	—	—	13.00	—	—	—	151.01	—
19	2.80	7.33	38.00	12.00	—	—	—	—	60.00	—	120.13	—
20	2.45	5.06	58.00	7.50	—	—	52.50	—	—	—	125.68	—
	19.60	47.[illegible]	261.00	9[illegible]	—	—	143.00	—	60.00	—	[illegible]	—
21	2.45	5.26	60.00	13.50	—	—	—	—	58.50	—	139.92	—
22	2.80	4.55	42.00	38.00	—	—	—	—	112.00	—	199.59	—
23	2.45	5.43	59.00	16.50	—	—	9.50	—	52.50	—	145.59	—
24	3.15	4.93	20.00	16.50	—	—	4.50	—	67.50	—	166.85	—
25	4.20	2.00	32.00	34.00	—	—	111.00	—	—	—	183.56	—
26	2.50	2.88	46.00	23.50	—	—	77.00	—	—	—	152.42	—
27	2.80	3.00	48.50	24.00	—	—	—	—	73.50	—	152.04	—
	20.65	24.[illegible]	317.50	166.00	—	—	202.00	—	[illegible]	—	137.97	—
	93.53	279.59	1327.88	465.13	—	—	578.88	—	536.63	—	3565.56	—

SH 867978

Ax	ALPHA SIZE	Cyclo-Pil	PAPERAD	WOB
—	—	—	—	—
—	—	—	—	—
—	—	—	—	—
—	—	—	—	—
—	—	—	—	—
—	—	—	—	—
—	—	—	—	—
—	—	—	—	—
—	—	—	—	—
—	—	—	—	—
—	—	—	—	—
—	—	—	—	—
—	—	—	—	—
—	—	—	—	—
—	—	—	—	6600
—	—	—	—	1800
—	—	—	—	[illegible]
—	—	—	—	4800
—	—	—	—	6400
—	—	—	—	2500
—	—	—	—	—
—	—	—	—	6000
—	—	—	—	—
—	15	—	—	—
		—	—	[illegible]
—	21	—	—	—
—	24	—	—	—
—	21	—	—	—
—	27	—	—	—
—	36	—	—	—
—	24	—	—	—
—	24	—	—	—
—	177	—	—	—
—	192	—	—	28100

SA 067977

MACH 7,8 & 9
MILL D
JAN 1980

CHEMICALS USED IN BEATER

DATE	ALUM #	SIZE #	CLAY	ANSILEX	SCM ①	NALCO 680	AX ②	TI ARR ③	CAMEL WITE	CALCIUM CARBONATE	TOTAL	TITANIUM
2-31 79	25 28	24 74	33 00	86 25	—	2 45	—	44 75	—	—	284 47	—
-1 80	19 20	26 88	17 20	37 50	—	1 92	—	29 50	—	—	141 10	—
2	19 20	27 40	9 00	34 50	—	1 92	—	34 50	—	—	128 32	—
3	26 55	20 68	77 00	44 00	—	2 66	—	21 00	—	—	231 37	—
4	30 00	20 60	124 50	13 50	—	3 27	—	40 00	—	—	237 38	56
5	34 80	19 75	143 20	71 50	—	3 48	—	51 00	—	—	371 73	480
6	29 30	23 90	116 30	19 50	—	2 82	—	40 50	—	—	232 32	—
	184 73	[illegible]	520 [illegible]	306 75	—	18[illegible]	—	[illegible]	—	—	[illegible]	[illegible]
7	32 10	36 97	135 00	15 50	—	3 06	—	51 00	—	—	274 09	—
8	27 78	37 75	103 20	28 50	—	3 06	—	58 00	—	—	259 41	—
9	26 05	15 48	133 00	41 00	—	2 84	—	65 00	—	—	292 87	—
10	25 80	22 30	78 00	85 50	—	2 58	—	91 00	—	—	309 68	—
11	27 30	19 60	112 00	62 00	—	2 73	—	62 00	—	—	289 63	—
12	29 18	20 50	106 25	59 75	—	2 92	—	76 13	—	—	294 73	—
13	33 00	17 35	158 00	22 00		3 30		35 00			268 65	—
	201 21	[illegible]	[illegible]	[illegible]	—	[illegible]	—	441 [illegible]	—	—	[illegible]	—
14	30 90	19 05	139 00	26 50	—	3 09	—	52 00	—	—	275 04	—
15	23 20	19 95	34 00	67 50	28 00	2 22	—	64 00	—	—	253 37	—
16	29 10	25 35	65 50	87 80	22 00	2 91	—	85 00	—	—	317 66	—
17	29 30	23 03	33 65	104 60	—	2 37	—	124 50	—	28 50	340 95	—
18	21 30	12 40	47 25	63 50	—	1 56	—	90 00	—	30 75	307 26	—
19	27 90	20 05	48 10	64 90	—	2 79	—	84 50	—	—	261 27	—
20	31 50	20 80	111 90	74 50	—	3 15	—	91 00	—	—	339 85	—
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—	[illegible]	—	[illegible]	[illegible]	—
21	29 40	24 08	114 50	87 25	—	[illegible]	—	97 [illegible]	—	—	377 68	—
22	26 25	24 00	54 50	41 00	—	1 68	—	68 50	—	—	219 43	—
23	30 30	19 30	58 00	76 00	—	2 10	—	52 00	—	—	298 70	57
24	30 00	17 55	67 30	58 00	—	2 73	—	56 25	—	—	247 83	—
25	32 70	18 00	103 90	48 50	—	3 27	—	44 00	—	—	258 37	—
26	33 00	20 70	107 50	91 00	5 00	3 00		100 00			360 20	—
27	27 00	17 55	103 40	63 00	—	2 70	—	66 50	—	—	288 15	8
	208 [illegible]	14[illegible]	[illegible]	4[illegible]	[illegible]	1[illegible]	—	4[illegible]	—	—	2[illegible] 36	[illegible]
	782 [illegible]	615 74	2434 15	1574 55	55 00	75 53	—	1738 13	—	54 25	7761 51	118

SA 067978

TITANIUM ①	ZEALEX	ALPHA SIZE	URETHANE	BIOCIDE	PAPERAD	WOB
—	—	—	—	—	—	68.00
—	—	90	—	—	—	8.00
—	—	180	—	—	—	—
—	—	46	—	—	—	38.00
5.00	—	51	—	—	—	—
48.00	—	—	—	—	—	—
—	—	—	—	—	—	—
53.0	—	[illegible]	—	—	—	115.00
—	—	96	—	—	—	—
—	—	112	—	—	—	—
—	—	—	—	—	—	9.50
—	—	—	—	—	—	1.50
—	—	—	—	—	—	4.00
—	—	—	—	—	—	—
—	—	—	—	—	—	—
—	—	208	—	—	—	15.00
—	—	—	—	—	—	4.50
—	—	—	—	—	—	14.50
—	—	—	—	—	—	—
—	—	—	—	—	—	—
—	—	—	—	—	—	40.50
—	—	—	—	—	—	13.00
—	—	—	—	—	—	7.00
—	—	—	—	—	—	[illegible]
—	—	—	—	—	—	2.00
—	—	—	—	—	—	3.50
57.00	—	—	—	—	—	4.00
—	—	—	—	—	—	16.00
—	—	—	—	—	—	8.00
—						
8.00	—	—	—	—	—	—
[illegible]	—	—	—	—	—	[illegible]
118.00	—	577	—	—	—	263.00

SA 867979

JACK SHOCKLEY
NO R&D TRIALS
JAN 1980

BLADE COATER CHEMICALS

DATE		LATEX 673 gal x 3.98	DEFOAMER DF-122 #	STEARATE DC-111 gal x 8.09	KELGIN NU #	TSPP #	CLAY gal HT WAX x 10	AMMONIA gal x 7.27	UNITEX #	CAMIL WITE #	LATEX 6107 gal x 4.37	PB 208 #	74-B PENC
12-31	79	10 18	28	52	60	64	27 55	39	1 36	9 00	—	15 00	—
1-1	79	12 80	18	30	45	58	28 13	34	1 00	—	—	—	—
2		—	18	—	—	30	28 14	48	—	3 00	—	—	—
3&4		13 11	21	30	45	63	32 82	42	—	1 50	—	—	—
5		8 68	16	40	60	64	25 00	24	34	—	—	—	—
6		—	8	—	—	10	9 38	16	—	1 00	—	—	—
7		—	56	—	—	30	32 54	58	—	5 50	—	—	—
8		4 34	32	20	30	32	23 70	43	68	7 50	—	—	—
9		—	14	—	—	—	7 33	23	—	4 00	—	—	—
10		2 17	36	10	15	36	25 01	38	34	2 00	—	—	—
11		10 85	20	50	—	80	31 25	30	1 70	—	—	—	—
14		12 32	32	62	75	80	33 80	45	1 70	9 00	—	15 00	—
15		15 52	44	80	90	—	41 75	55	1 36	15 00	—	25 00	—
16		13 35	40	70	75	—	35 50	55	3 50	15 00	—	25 00	—
17		7 51	28	38	45	83	20 70	42	1 02	6 00	—	—	—
18		6 51	12	30	45	1 17	18 75	32	1 02	171 50	—	3 50	15
21		13 02	24	60	80	96	37 50	36	2 04	—	—	—	—
22		15 19	32	70	1 05	1 12	52 55	62	2 38	5 00	—	5 00	—
23		—	—	—	—	—	—	—	—	—	—	—	—
24		15 19	40	70	1 05	1 17	48 44	50	2 38	50	—	—	—
25		2 17	4	10	15	16	6 25	6	—	—	—	—	—
		162 91	5 23	7 22	9 00	10 88	566 09	7 78	20 82	255 50	—	73 50	15
		648 38	✓	58 41	✓	✓	5660 70	56 56	✓	✓		✓	
		✓		✓			✓	✓					

SA 067980

4-B # PENCORE	STAYSIZE 112 #	CLINSIZE 263 #	NOPCOSIDE 120	CALGON T #	GLYCERINE #	NOPCOSANT K gal	CELLO-LOSE #	CMC-7L #	SCRIPTSET 720 GAL	gal FC-807	239 ATLAS #
—	—	12.00	12	9	—	3	—	—	—	—	—
—	—	24.00	—	—	—	—	—	—	—	—	—
—	—	24.00	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
—	—	12.00	—	—	—	—	—	—	—	—	—
—	—	24.00	—	—	—	—	—	—	—	—	—
—	—	14.00	—	—	—	2	—	—	—	—	—
—	—	15.00	—	—	—	7	—	—	—	—	—
—	—	4.00	—	—	—	4	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	6	9	—	3	—	—	—	—	—
—	—	—	10	15	—	5	—	—	—	—	—
—	—	—	10	15	—	5	—	—	—	—	—
—	17.00	13.00	8	6	—	2	—	—	1.05	3.0	—
15.00	21.00	—	26	—	76	20	—	—	1.05	3.5	58
—	6.00	—	—	—	—	—	—	—	—	—	—
	21.00	—	—	—	—	5	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
15.00	65.00	146.00	66	54	76	56	—	—	2.10	6.5	58
✓	✓	✓		✓	✓	4.59	—			5.62	

620 LATEX gal (x 4.33)	722 LATEX gal (3.98)	86325 BERSET (9.07)	BORAX #	LV PROTEIN	SODIUM NITRATE	PREZ 707 GAL (x 10)	H.T. CLAY DRY	MISSISSIPPI CLAY	HYB CLAY	FORMULA 2036 gal	ELVANOL #	JAN ~~NOV~~ DATE
—	—	—	—	—	24.00	—	—	—	—	—		12-31
4.40	—	.15	.30	6.00	48.00	—	—	—	—	—	—	1-1
13.20	—	.45	.90	18.00	56.00	—	—	—	—	—	—	2
—	—	.23	.45	9.00	—	—	—	—	—	—		3
—	—	—	—	—	24.00	—	—	—	—	—		4
4.40	—	.15	.30	6.00	48.00	—	—	—	—	—		5
13.40	.88	.54	1.06	21.00	29.00	—	—	—	—	—	—	6
6.60	2.61	.24	.46	9.00	—	—	—	—	—	—	3.15	8
2.47	1.43	.14	.26	5.15	8.00	—	—	—	—	—	—	9
8.80	—	.30	.60	12.00	—	—	—	—	—	—	—	10
—	—	—	—	.75	—	—	—	—	—	—	—	11
—	—	—	—	—	—	—	—	—	—	—	—	12
—	—	—	—	—	—	—	—	—	—	—		15
—	—	—	—	—	—	—	—	—	—	—	—	16
—	—	—	—	—	—	—	—	—	—	—	—	17
—	—	—	—	—	—	—	—	—	—	—	—	18
—	—	—	—	—	—	—	—	—	—	—	1.50	21
4.40	1.76	.16	.31	6.00	45.00	—	—	—	—	—	1.25	22
—	—	—	—	—	—	—	—	—	—	—	—	23
2.20	—	.7	.15	3.00	—	—	—	—	—	—	—	24
—	—	—	—	—	15.00	—	—	—	—	.25	5.00	25
61.87	6.71	2.43	4.79	95.90	297.00	—	—	—	—	.25	.50	
267.90	26.71		✓								✓	

5A 067982

JAN ~~NOV~~ 1980

BLADE COATER BROKE

DATE	UNCOATED	COATED	TOTAL	R&D TRIAL UNCOATED	R&D TRIAL COATED	R&D TRIAL TOTAL
2-31-79	23 50	60 95	84 45			
1-1-80	7 25	22 75	30 00			
2	33 80	105 10	138 90			
3	7 30	83 00	90 30			
4	16 00	41 50	57 50			
5	14 25	53 80	68 05			
7	6 00	52 20	58 20			
8	6 80	13 60	20 40			
9	—	—	—			
10	5 00	48 00	53 00			
11	20 00	156 50	176 50			
14	46 10	156 45	202 55			
15	33 50	85 90	119 40			
16	39 35	85 60	124 95			
17	42 50	74 70	117 20			
18	48 75	122 60	171 35			
21	28 05	58 00	86 05			
22	11 45	55 50	66 95			
23	—	—	—	11 00	19 50	30 50
24	31 00	80 50	111 50			
25	13 00	38 90	51 90			
	433 60	1395 55	1829 15	11 00	19 50	30 50

SA 067983

D ARNOLD

FEB 1980

MILL "C" CHEMICALS

DATE	ALUM GAL	3960ITK CLAY	GAL x .25 SIZE	675B CLINTON LBS	753 CLINSIZE	STAZYME J x100	STAYSIZE 112 x100	TITANIUM	ANSILEX	DEFOAMER +8.09	CP-7 +8.42	NALCO 65
1-25 80	6 50	396 00	3 33	60 00	—	20 00	—	69 00	21 00	15	1 00	—
29	6 50	277 20	10 53	63 00	—	—	—	60 00	12 00	15	1 00	—
30	7 00	198 00	18 12	24 00	—	—	—	46 00	12 00	15	1 00	—
31	7 00	237 60	6 05	48 00	—	20 00	—	69 00	29 00	10	50	—
2-1	15 00	435 60	5 77	26 00	—	78 00	—	58 00	22 50	15	50	—
2	10 50	514 80	8 40	—	—	116 00	—	55 75	22 00	15	1 50	—
3	7 00	514 80	6 75	—	—	124 00	—	66 75	37 50	15	1 50	—
4	9 00	514 80	7 73	—	—	108 00	—	36 50	23 00	15	1 00	—
5	6 50	712 80	8 19	—	—	132 00	—	28 75	11 50	15	1 50	—
6	8 50	633 60	8 58	—	—	144 00	—	58 00	16 00	15	1 25	—
7	7 50	435 60	11 40	—	—	120 00	—	45 50	9 25	15	25	—
8	6 50	237 60	6 16	—	—	72 00	—	58 00	22 00	15	1 00	—
9	6 00	79 20	8 41	—	—	49 00	—	76 50	38 00	15	1 50	—
10	7 00	237 60	6 87	—	—	48 00	—	60 00	35 00	10	1 00	—
11	6 50	356 40	8 10	—	—	84 00		51 00	29 50	15	1 00	—
12	7 00	475 20	7 89	—	—	144 00	—	78 50	34 50	15	1 00	—
13	5 00	475 20	8 05	—	—	132 00	—	81 00	31 50	15	1 50	—
14	7 00	514 80	9 10	—	—	132 00	—	61 75	27 75	15	1 00	—
15	5 00	356 40	11 22	—	—	108 00	—	53 00	24 50	15	1 00	—
16	7 50	475 20	12 16	—	—	108 00	—	55 50	28 50	15	[illegible]	—
17	4 00	396 00	10 81	—	—	108 00	—	61 00	33 00	15	1 00	—
18	7 00	237 60	11 84	—	—	96 00	—	61 00	30 50	15	1 00	—
19	6 00	435 60	8 36	—	—	120 00	—	27 00	15 00	15	1 00	—
20	12 50	514 80	8 15	—	—	132 00	—	22 50	13 50	15	1 00	—
21	7 50	316 80	15 99	—	—	84 00	—	28 50	[illegible]	[illegible]	1 00	—
22	4 50	475 20	10 85	—	—	120 00	—	52 50	23 00	15	[illegible]	—
23	5 00	396 00	9 93	—	—	96 00	—	48 00	16 50	15	[illegible]	
24	5 50	396 00	10 32	—	—	88 00	—	33 00	16 50	15	[illegible]	—
	200	[illegible]	[illegible]	221 00	—	257[illegible] 00	—	1502 00	652 00	410	[illegible]	
										[illegible]	[illegible]	

SA 067984

ALCO 680	PARAMEL x.08	ALUM-ON TANK	CLAY TANK	SODIUM NITRATE x100	ALPHA SILICA GAL
—	—	3	3100	—	63
—	125 00	3	2600	—	72
—	269 00	3	2100	—	72
—	—	3	2100	—	72
—	—	7	3500	—	18
—	—	5	4100	—	—
—	—	3	3600	—	—
—	—	4	3400	—	—
—	—	3	4700	—	—
—	—	4	6600	—	—
—	—	3	3100	—	—
—	—	3	2300	—	—
—	—	3	300	—	—
—	—	3	200	—	—
—	—	3	2200	—	—
—	—	3	4500	—	—
—	—	2	4100	—	—
—	—	3	4400	—	—
—	—	2	3500	—	—
—	—	3	4000	—	—
—	—	2	3000	—	—
—	—	3	1500	—	—
—	—	3	3100	—	—
—	—	6	4100	—	—
—	96.40	3	2900	—	—
—	—	2	3900	—	—
—	—	2	[illegible]00	—	—
—	—	2	3300	—	—
—	490.40	89	91000	—	271
	39.23	[illegible]			
		106711			

SA

867985

'SKAR DIKERTS

FEB 1980 ~~7851 BARRELS~~ 480# per Drum

MILL "D" CHEMICALS

DATE	~~GLUE~~		SIZE 120 x TK	C-7 GAL	10° ± J	CLINCO V100 SS	TITANIUM x 50	71-M NALCO	CLAY COUNTER x 5400	SODIUM ALUMINATE
1-28 80	-		5 40	—	—	112 00	100 00	—	5	—
29	—		7 20	—	—	80 00	100 00	—	3	-
30	—		7 20	—	—	96 00	105 00	—	3	-
31		2	1 80	—	16 00	112 00	105 00	—	5	-
2-1		2	—	—	—	128 00	100	—	8	1
2	—	—	—	—	—	144 00	5 00	—	8	1
3		1	8 00	—	—	112 00	—	—	4	1
4	—		7 20	—	—	112 00	45 00	—	7	1
5		1	5 40	—	—	144 00	65 00	—	9	1
6	—		5 40	—	—	96 00	50 50	—	4	1
7	—		5 40	—	—	96 00	100 00	—	4	1
8	—		7 20	—	—	80 00	105 00	—	4	—
9	—		6 00	—	—	80 00	95 00	—	4	—
10		2	3 40	—	—	128 00	100 00	—	2	—
11		1	3 40	—	—	80 00	100 00	—	—	—
12		1	5 20	—	—	116 00	105 00	—	—	—
13	—		3 40	—	—	80 00	100 00	—	4	—
14	—		4 80	—	—	128 00	95 00	—	3	—
15	—		4 80	—	—	76 00	108 50	—	20	20
16	—		8 40	—	—	62 00	83 50	—	3	1
17	—		9 60	—	—	46 00	56 50	—	4	1
18	—		7 20	—	—	76 00	57 50	—	51	2
19	—		4 80	—	—	112 00	109 50	—	11	1
20	—		4 80	—	—	144 00	70 50	—	56	1
21	—		4 80	—	—	112 00	—	—	57	—
22		1	3 00	—	—	144 00	125 00	—	1	—
23		2	4 80	—	—	62 00	124 00	—	2	—
24	—		4 80	—	—	48 00	124 00	—	2	—
		13	144 40	—	16 00	2806 00	2235 50	—	2181	33
									1533 x 00	

SH 867986

CLAY ROTO-DIP USAGE (GAL)

DATE	#5	#6	TOTAL
1-28-80	18 78	43 96	62 74
29	29 62	28 17	52 79
30	21 64	28 80	50 44
31	25 19	14 51	39 70
2-1	30 20	18 72	48 92
2	45 94	44 47	90 41
3	50 26	44 65	94 91
4	31 02	44 66	75 68
5	48 04	65 99	114 03
6	39 25	52 35	91 60
7	37 07	16 81	53 88
8	20 04	18 06	38 10
9	1 32	3 34	4 66
10	—	23 18	23 18
11	54 87	21 48	76 35
12	28 63	21 01	49 64
13	37 14	20 68	57 82
14	49 88	27 95	77 83
15	51 60	11 26	62 86
16	54 67	27 78	82 45
17	47 26	30 35	77 61
18	17 65	20 24	37 89
19	88	23 83	24 71
20	38 20	41 34	79 54
21	34 60	24 34	58 94
22	43 82	35 21	79 03
23	35 48	34 75	70 23
24	30 42	35 33	65 75
	91 847	[illegible]	1741 6[illegible]

5A 067987

HARRY VOGLER 202 & 205

FEB 1980

MILL "E" CHEMICALS

x.5

DATE	SOY FLOUR	HT CLAY	CASEIN	HT CLAY TK	CAMIL WITE	CAUSTIC SODA	LATEX DOW	TSPP	ULTRA BLUE	PAREZ RESIN	RED B&P	AMMON
1-28-29-580	—	—	—	250 00	1 30	—	60 00	80	—	—	—	2
30-1	—	—	—	350 00	1 82	—	84 00	1 75	—	—	—	2
4-6	—	—	—	200 00	—	—	48 00	— 60	—	—	—	1
7-8	—	—	—	150 00	90	—	36 00	1 05	—	—	—	1
11-13	—	—	—	250 00	1 04	—	48 00	56	—	—	—	1
14-15-18	—	—	—	200 00	1 04	—	48 00	1 40	—	—	—	1
19-20	—	—	—	150 00	65	—	36 00	45	—	—	—	1
21-22	—	—	—	125 00	1 05	2 00	43 20	— 4 30	—	—	—	
	—	—	—	1675 00	7 80	2 00	403 20	11 00	—	—	—	13
				✓	✓	✓	201 60	✓				96

58

867988

7.27			7.73							371°
Ammonia	Salt	Borax	Nopco 178	Formaldehyde	Pro Cote Protein	Latex 636 Dow 680	Staley 120 Sta Cote	Dylex Latex	Nopco 1407	Alc
2 10	—	1 50	—	2 50	60 00	—	—	—	3 00	½
2 94	—	2 10	—	3 50	56 00	—	—	—	4 20	½
1 68	—	1 20	—	2 00	32 00	—	—	—	2 40	½
1 26	—	90	—	1 50	24 00	—	—	—	1 80	—
1 68	—	1 20	—	2 00	32 00	—	—	—	2 40	½
1 70	—	1 20	—	2 26	32 00	—	—	—	2 40	½
1 26	—	90	—	1 50	24 00	—	—	—	1 80	—
66	—	5 00	—	6 85	1 00	—	—	—	10 00	—
13 28	—	14 00	—	22 10	261 00	—	—	—	28 00	2.5
96 55		✓		✓	✓				✓	9 28
✓										✓

SA 067989

MACH 5&6
MILL C
FEB 1980

PULP USED IN HYDROPULPER

DATE	DRYDEN SEMI BL	NAHOLA 462	MARATHON 481	SUPERIOR 498	PR. GEORGE 467	CEIBAR 475	CREST-BROOK 517	BRUNSWICK 489	WEST-VACO 327	KAMLOOPS 488	TOTAL	DRYDEN F.B.
1-28 80	—	—	—	—	—	—	—	—	—	96	289	—
29	—	—	—	—	—	—	—	—	—	—	323	—
30	—	—	—	—	—	—	—	—	—	—	292	—
31	—	—	—	—	—	—	—	—	—	—	225	—
1	—	—	—	—	—	—	—	—	—	—	290	—
2	—	—	—	—	—	—	—	—	—	—	320	—
3	—	—	—	—	—	—	—	—	—	—	220	—
	—	—	—	—	—	—	—	—	—	[illegible]	[illegible]	—
4	—	—	—	—	—	—	—	—	—	—	348	—
5	—	—	—	—	—	—	—	—	—	—	344	—
6	—	56	—	—	—	—	—	—	—	—	372	—
7	—	52	—	—	—	—	—	—	—	—	326	—
8	—	—	—	—	—	24	—	—	—	—	209	—
9	—	—	—	—	—	86	—	—	—	—	234	—
10	—	—	—	—	—	106	—	—	—	—	220	—
	—	108	—	—	—	216	—	—	—	—	[illegible]	—
11	—	—	11	—	—	39	—	—	—	—	315	—
12	—	—	352	—	—	—	—	—	—	—	400	—
13	—	—	235	—	—	—	75	—	—	—	382	—
14	—	—	—	—	—	—	156	—	—	—	306	—
15	—	—	—	—	—	100	130	—	—	—	280	—
16	—	—	—	—	—	245	—	—	—	—	295	—
17	—	—	—	—	—	222	—	—	—	—	240	—
	—	—	[illegible]	—	—	[illegible]	361	—	—	—	[illegible]	—
18	—	—	5	—	—	212	—	—	—	—	234	—
19	—	19	137	—	—	—	—	—	—	—	323	—
20	—	42	—	—	—	—	—	—	—	—	349	—
21	—	9	115	—	—	—	—	—	—	—	292	—
22	—	34	—	—	—	84	—	—	—	—	286	—
23	—	38	—	—	—	116	—	—	—	—	326	—
24	—	33	—	—	—	123	—	—	—	—	276	—
		175	[illegible]	—	—	535	—	—	—	—	[illegible]	—
	—	283	855	—	—	1357	361	—	—	96	8323	—
		1307 46	[illegible]			641[illegible]	1860 [illegible]			468 48		

SA 067990

DRYDEN F.B. 473	GD PRAIRE 570	EDDY 388	ALLIED SW 492	DOMTAR 498	ALLIED N.W. 497	PR ALBERT 481	SOUTH WEST 537	PULP SUB	RIVER PULP 491	CLIPPINGS (* NOT IN TOTAL)	CARIBO 492
—	89	59	—	—	45	—	—	—			
—	108	161	—	—	54	—	—	—			
—	109	35	—	—	18	130	—	—			
—	75	81	—	—	69	—	—	—			
—	64	126	—	—	84	—	—	16			
—	112	60	—	—	43	76	—	29			
—	—	—	—	—	—	220	—	—			
—	[illegible]	[illegible]			313	426		45			
—	108	—	—	—	—	240	—	—			
—	64	—	198	—	—	69	—	13			
—	114	—	154	—	—	45	—	10			
—	121	—	5	—	—	148	—	—	0	20	
—	90	—	—	—	—	95	—	—		25	
—	—	—	70	—	—	78	—	—		—	
—	—	—	80	—	—	30	4	—		17	
—	41	—	507	—	—	705	4	23		—	
—	—	—	190	—	—	—	55	20		13	
—	—	—	24	—	—	—	24	—		—	
—	—	72	—	—	—	—	—	—		—	
—	—	150	—	—	—	—	—	—		—	
—	—	50	—	—	—	—	—	—		—	
—	—	50	—	—	—	—	—	—		—	
—	—	—	—	—	—	—	—	18		26	
—	—		14	—	—	—	74	38		—	
—	—	—	—	—	17	—	—	—		25	
—	[illegible]	57	—	—	—	—	—	—	12	11	
—	201	84	—	—	—	—	—	22	—	42	
—	123	6	—	—	—	—	—	21	18	12	
—	24	—	144	—	—	—	—	—	—	34	
—	—	—	172	—	—	—	—	—	—	38	
—	—	—	31	—	—	—	—	—	17	17	72
—	446	147	347	—	17	—	—	43	47	286	72
—	1500	991	1068	—	3 30	11 31	83	149	42		72
✓	[illegible]	[illegible]	[illegible]	✓	1640 104	5440 11	445 71		230 77		[illegible]

SA 067991

MACH 7, 8 & 9
MILL D
FEB 1980

PULP USED IN HYDROPULPER

DATE	SUPERIOR 498	KAMLOOPS 488	SIMPSON	NAHOLA SOLO 462	MARATHON 481	CRESTBROOK 517	GD PRAIRIE 574	ALLIED SW 492	WEST JACO 327	PR. GEORGE 467	TOTAL	ALLIED N
1-28 80	–	–	–	–	–	–	–	96	–	–	2 76	–
29	30	–	–	–	–	–	–	66	–	–	3 96	–
30	1 98	–	–	–	–	–	–	1 50	–	–	4 08	–
31	72	–	–	–	–	–	–	2 70	–	–	4 08	–
1	66	–	–	–	–	–	–	2 28	–	–	3 60	–
2	24	48	–	–	8	–	–	80	–	–	1 92	
3	–	1 20	–	–	48	–	–	48	–	–	2 52	
	3 90	1[illegible]	–	–	56	–	–	1 56	–	–	[illegible]	
4	–	76	–	–	–	72	–	1 44	–	–	3 96	
5	–	–	–	–	–	–	–	1 88	–	–	3 48	
6	–	–	–	–	–	–	–	92	–	–	2 28	
7	–	–	–	–	–	–	–	–	–	–	3 00	
8	–	–	–	–	–	–	–	40	–	–	3 60	
9	–	–	–	–	–	–	–	72	–	24	3 00	–
10	–	–	–	–	–	–	–	92	–	56	3 24	–
	–	76	–	–	–	72	–	6 28	–	80	[illegible] 56	
11	–	–	–	–	–	–	–	24	–	–	3 00	
12	–	22	–	–	–	–	–	–	–	84	3 13	
13	–	1 52	–	–	60	–	–	–	–	12	2 76	
14	–	12	–	–	84	–	–	42	–	–	3 18	
15	–	34	–	–	–	–	–	73	–	–	2 54	
16	–	1 46	–	–	–	–	–	–	–	–	3 40	–
17	–	1 14	–	–	–	–	48	–	–	–	3 28	
	–	4 80	–	–	1 44	–	48	1 39	–	96	[illegible]	
18	–	38	–	–	–	–	12	2 00	–	–	3 92	
19	–	12	–	–	–	–	–	1 12	–	88	2 52	
20	–	–	–	–	–	–	–	4	–	1 28	2 85	–
21	–	–	–	–	–	–	–	1 16	–	40	2 88	
22	–	–	–	–	–	–	–	–	–	–	2 48	
24	–	–	–	–	–	–	–	16	–	72	2 88	–
23	–	–	–	–	–	–	–	–	–	64	2 28	–
	–	50	–	–	–	–	12	4 48	–	3 92	19 84	
	3 90	7 74	–	–	2 00	72	60	21 53	–	5 68	86 61	
	1942 20	777 12			962 00	372 24	344 40	10592 76		2652 56		

[redacted]

SA 067992

Allied 497 H.W.	475 Celgar	473 Dryden AB	Brunswick 489	388 Eddy	Dryden Semi-B	337 Southwest	481 Prince Alb	498 Domator	537 Panama	491 Alabama Rv Pulp	491 Marathon Intercom
—	84	—	—	96	—	—	—				
—	72	—	—	228	—	—	—				
—	60	—	—	—	—	—	—				
—	66	—	—	—	—	—	—				
—	66	—	—	—	—	—	—				
8	24	—	—	—	—	—	—				
36	—	—	—	—	—	—	—				
44		—	—	[illegible]	—	—	—				
68	—	—	—	—	—	—	36				
76	—	—	—	—	—	—	84				
28	—	—	—	—	—	—	72	36			
18	—	—	—	14	—	—	226	42			
54	—	—	—	12	—	—	200	54			
—	12	—	—	38	—	—	118	36			
—	24	—	—	16	—	—	102	6	28		
2 14	[illegible]	—	—	10	—	—	732	174	28		
24	—	—	—	128	—	—	84	—	40		
76	—	—	—	106	—	1	24	—	—		
32	—	—	—	—	—	—	—	—	20		
84	—	—	—	—	—	—	96	—	—		
51	48	—	—	—	—	—	48	—	—		
— 44	90	54	—	—	—	—	6	—	—		
40	90	36	—	—	—	—	—	—	—		
251	[illegible]	[illegible]		[illegible]	—	1	[illegible]	—	60		
52	6	24	—	—	—	—	—	—	60		
40	—	—	—	—	—	—	—	—	—		
—	—	—	—	—	—	—	—	—	32	124	
44	—	—	—	—	—	—	—	—	20	44	24
56	—	—	—	—	—	128	—	—	—	—	04
—	—	—	—	60	—	36	—	—	—	104	—
—	—	—	—	44	—	—	—	—	—	120	—
[illegible]		24	—	104	—	[illegible]	—	—	112	[illegible]	[illegible]
8 31	6 42	1 14	—	7 42	—	165	10 96	1 74	2 00	392	88
[illegible]	[illegible]	[illegible]		[illegible]		[illegible]	5271	[illegible]	1074 00	[illegible]	[illegible]

MACH 5 & 6
MILL C
FEB 1980

CHEMICALS USED IN BEATER

DATE	ALUM #	SIZE #	CLAY GAL	ANSILEX	SCM ①	NALCO 680	TITANIUM ②	ZEALEX	TI-PURE ③	DU-PONT	TOTAL	A
1-28-80	2 45	3 00	60 00	23 00	—	—	45 00	—	29 00	—	162 66	—
29	2 80	7 50	32 00	12 00	—	—	60 00	—	—	—	114 54	—
30	2 45	14 63	—	12 00	—	—	56 00	—	—	—	85 32	—
31	2 45	2 98	25 50	29 00	—	—	66 00	—	—	—	126 17	—
1	3 05	4 61	47 00	22 50	—	—	61 50	—	—		138 7[illegible]	—
2	3 85	7 10	81 40	25 50	—	—	56 00	—	—	—	183 10	—
3	3 68	6 57	64 50	37 50	—	—	26 25	—	—	—	179 00	—
	20 [illegible]	46 [illegible]	310 40	161 [illegible]	—	—	[illegible]	—	[illegible]	—	[illegible]	—
4	2 80	6 83	78 00	23 00	—	—	—	—	—	—	147 13	—
5	4 03	7 26	118 00	11 50	—	—	—	—	—	—	169 66	—
6	3 85	7 03	109 00	16 00	—	—	13 50	—	35 00	—	189 49	—
7	3 85	7 66	98 50	15 25	—	—	51 50	—	—	—	176 88	—
8	2 10	5 43	56 00	22 00	—	—	16 00	—	42 00	—	123 60	—
9	2 10	6 83	29 50	38 00	—	—	76 50	—	—	—	153 00	—
10	2 35	6 31	25 00	35 00	—	—	60 00	—	—	—	128 74	—
	21 08	47 [illegible]	4[illegible]	166 75	—	—	[illegible] 50	—	77 [illegible]	—	[illegible] 50	—
11	3 90	6 31	54 00	29 50	—	—	51 00	—	—	—	144 90	—
12	3 00	7 09	84 50	34 50	—	—	78 50	—	—	—	207 83	—
13	3 50	7 79	96 00	31 50	—	—	61 00	—	—	—	200 07	—
14	3 25	6 62	72 00	27 75	27 00	—	34 75	—	—	—	171 63	—
15	3 25	9 03	59 50	24 50	53 00	—	—	—	—	—	149 54	—
16	2 75	9 58	54 00	28 50	24 00	—	31 50	—	—	—	150 55	—
17	2 50	8 50	47 00	33 00	25 00	—	36 00	—	—	—	152 20	—
	22 15	54 [illegible]	4[illegible]	[illegible]	[illegible]	—	[illegible]	—	—	—	11[illegible]	—
18	2 03	9 00	28 75	30 50	35 00	—	26 00	—	—	—	131 28	—
19	3 15	7 09	68 00	15 00	12 00	—	15 00	—	—	—	120 24	—
20	3 15	7 28	70 00	13 50	22 50	—	—	—	—	—	[illegible] 43	—
21	3 85	12 08	32 00	17 00	27 50	—	1 00	—	—	—	93 43	—
22	3 50	8 41	66 00	26 50	60 50	—	—	—	—	—	164 91	—
23	3 85	9 53	68 00	16 50	33 00	—	15 00	—	—	—	145 88	—
24	3 85	9 18	26 20	16 50	33 00	—	—	—	—	—	88 73	—
	23 [illegible]	6[illegible]	358 95	135 50	[illegible]	—	57 00	—	—	—	560 9[illegible]	—
	87 34	211 23	1630 35	667 00	352 50	—	938 00	—	106 00		4115 63	—

[redacted]

SA 067994

Ax @	ALPHA-SIZE	Cyclo FIL	WDB	Dupper ORLENE D 200
—	21	—	—	
—	24	—	—	
—	24	—	—	
—	24	—	—	
—	6	—	—	
—	—	—	9 25	
—	—	—	40 50	
—		—	4[illegible]	
—	—	—	36 50	
—	—	—	28 75	12
—	—	—	5 00	11
—	—	—	—	12
—	—	—	—	7
—	—	—	—	7
—	—	—	—	8
—	—	—	70[illegible]	[illegible]
—	—	—	—	19
—	—	—	—	24
—	—	—	—	28
—	—	—	—	26
—	—	—	—	26
—	—	—	—	22
—	—	—	—	20
—	—	—	—	1[illegible]
—	—	—	—	—
—	—	—	—	—
—	—	—	—	—
—	—	—	—	—
—	—	—	—	—
—	—	—	—	—
—	—	—	—	—
—	—	—	—	—
—	—	—	—	—
—	99	—	120 00	2 22

SA 867995

MACH 7,8,9
MILL D
FEB 1980

CHEMICAL USED IN BEATER

DATE	ALUM #	SIZE #	CLAY	SCM ①	NALCO 680	Ax ②	TI-PURE ③	CAMEL WITH	CALCIUM CARBONATE	ANSILEX	TOTAL	TITANI
1-28 80	25 55	18 25	87 50	—	2 49	—	52 00	—	—	17 50	203 29	—
29	37 15	32 38	74 00	—	2 46	—	49 00	—	—	32 75	228 65	—
30	36 70	34 45	93 50	—	3 27	—	30 00	—	—	30 00	243 36	15
31	59 70	22 15	127 00	—	3 39	—	11 50	—	—	8 25	245 88	12
1	38 40	—	156 00	—	3 42	—	—	—	—	—	[illegible]	1
2	29 80	—	149 00	—	2 76	—	6 00	—	—	2 00	191 34	—
3	35 35	25 09	103 50	—	3 17	—	13 50	—	—	5 50	186 48	—
	262 65	132 [illegible]	790 [illegible]	—	20 96	—	16 [illegible] 00	—	—	[illegible]	[illegible]	—
4	32 80	28 40	112 00	—	3 00	—	44 00	—	—	13 00	233 76	—
5	28 36	15 80	127 88	—	2 86	—	67 75	—	—	45 26	287 41	—
6	21 65	12 45	72 50	—	2 07	—	89 00	—	—	52 00	254 67	—
7	30 05	24 00	69 00	—	2 70	—	87 00	—	—	43 00	255 88	—
8	49 05	21 85	79 80	—	2 64	—	76 50	—	—	34 00	263 84	—
9	41 85	16 40	126 50	—	2 49	—	81 00	—	—	28 00	296 24	—
10	35 50	18 25	137 00	—	2 76	—	76 50	—	—	28 00	298 01	—
	231 [illegible]	[illegible]	729 68	—	18 [illegible]	—	521 75	—	—	243 26	[illegible] 231	—
11	24 10	16 25	108 50	—	2 46	—	81 00	—	—	27 00	259 31	—
12	31 45	19 38	138 50	—	2 96	—	90 00	—	—	31 50	313 79	—
13	22 95	17 58	125 00	67 50	3 29	—	4 50	—	—	26 00	266 82	—
14	27 08	16 09	76 38	—	2 71	—	9 50	—	—	53 00	295 26	—
15	22 33	18 71	65 75	—	2 49	—	—	—	—	50 75	267 34	—
16	30 10	31 00	71 50	—	2 73	—	—	—	—	6 75	321 66	—
17	32 30	30 25	76 00	—	2 85	—	—	—	—	28 50	248 78	—
	190 31	149 26	661 [illegible]	[illegible]	[illegible]	—	185 00	—	—	2[illegible]	[illegible]	[illegible]
18	29 95	22 43	101 00	—	2 94	—	—	—	—	23 50	235 89	—
19	28 50	17 10	173 00	—	2 85	—	—	—	—	39 00	337 95	—
20	26 10	18 10	102 50	—	2 61	—	—	—	—	[illegible] 00	264 81	—
21	28 20	19 05	99 00	—	2 82	—	—	—	—	21 00	212 07	—
22	24 00	16 50	80 00	10 00	1 80	—	—	—	—	20 00	162 30	
24	24 30	23 08	81 06	40 50	2 43	—	—	—	—	26 00	22[illegible] 31	—
23	20 10	18 60	48 50	35 50	2 01	—	—	—	—	18 50	165 21	—
	181 15	134 86	685 00	86 00	17 46	—	—	—	—	[illegible]	[illegible]	
	873 37	553 59	2866 81	153 50	76 43	—	868 75	—	—	760 76	6870 53	111

[redacted]

SA 067996

TITANIUM	ZEALEX	ALPHA SIZE	UNITANE	WDB
—	—	—		
—	—	91		
1500	—	44		
1250	—	139		
100	—	3140		
—	—	178		
—	—	87		
2450	—	879		
—	—	56		
—	—	—		
—	—	—		
—	—	13		
—	—	—		
—	—	—		
—	—	—		
—	—	69		
—	—	—		
—	—	—		
—	—	—		
—	—	—	2000	8050
7650	—	6	—	3075
—	—	58	—	7900
—	—	38	—	7850
7650	—	162	—	7[illegible]
600	—	7	—	5000
—	—	—	—	7750
—	—	—	—	7050
—	—	—	—	4200
—	—	—	—	1000
—	—	—	—	2500
—	—	—	—	2200
600	—	7	—	29700
11100	—	1057	2000	57575

SA 867997

ACK SHOCKLEY
10 R&D TRIALS

FEB 1980

BLADE COATER CHEMICALS

DATE	LATEX 673 GAL (3.94)	DEFOAMER DF-122	STEGRATE DF-122 (8.04)	KELVIN HV #	TSPP #	CLAY GAL HT WAX (10)	AMMONIA GAL (7.27)	UNITEX #	CAMIL WITE #	LATEX 6107 GAL (4.37)	PG-208 #	74-B PENCO
1-28 80	17 36	32	80	1 20	1 28	50 00	48	—	—	—	7 00	—
29	—	60	—	—	35	17 46	16	—	3 00	—	—	—
30	—	11	—	—	55	50 05	87	—	6 50	—	—	—
31	—	72	—	—	45	42 21	72	—	4 50	—	—	—
2-1	—	62	—	—	35	32 83	62	—	3 50	—	—	—
2	—	—	—	—	—	—	—	—	—	—	—	—
3	—	—	—	—	—	—	—	—	—	—	—	—
4	—	64	—	—	40	37 52	40	—	4 00	—	—	—
5	—	64	—	—	80	37 52	64	—	4 00	—	—	—
6	14 00	56	—	—	35	32 39	56	—	8 00	—	—	—
7	—	—	—	—	—	—	—	—	—	—	—	—
8	—	30	—	—	15	14 07	24	—	1 50	—	—	—
15-17	1 56	12	12	—	—	2 55	15	—	9 00	—	15 00	—
18	4 00	80	32	—	20	25 56	72	—	26 00	—	40 00	—
19	—	58	—	—	23	21 11	37	—	10 00	—	—	—
20	—	36	—	—	15	14 07	24	—	1 50	—	—	—
21	—	48	—	—	23	21 89	37	—	2 50	—	—	—
22	7 00	80	56	—	10	21 28	86	—	43 00	—	35 00	—
	43 86	7 65	1 80	1 20	5 19	420 1	7 40	—	127 00	—	[illegible]	—
	174 56 ✓	✓	14 56 ✓	✓	✓	4205 10 ✓	53 80 ✓		✓		✓	

SA 067998

74-B PENCORE	STAYSIZE 112	CLINSIZE 703	NOPCOSIDE 120	CALGON T	GLYCERINE	NOPCOSANT K GAL	CELLOSE	CMC-7L	SCRIPTSET 720 GAL	FC-807 GAL	239 ATLAS
						8.19			2.27	8.64	8.36
—	28 00	—	—	—	—	—	—	—	—	—	—
—	32 00	—	—	—	—	—	—	—	—	—	—
—	40 00	—	—	—	—	—	—	—	—	—	—
—	32 00	—	—	—	—	—	—	—	—	—	—
—	32 00	—	—	—	—	—	—	—	—	—	—
—	20 00	—	—	—	—	—	—	—	—	—	—
—	23 00	—	—	—	—	—	—	—	—	—	—
—	16 00	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
—	8 00	—	—	—	—	—	—	—	—	—	—
—	60 00	—	—	9	—	3	—	—	—	—	—
—	—	—	16	24	—	8	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	42	—	14	—	—	—	—	—
—	41 00	—	16	75	—	25	—	—	—	—	—
						205					

620 LATEX	4.33 gal	722 LATEX	.98 gal	86825 BRIJET	9.09	BORAX	LU PROTEIN	SODIUM NITRATE	PAGE 707 GAL	.10	HT CLAY DRY	MISSISSIPPI CLAY	DEFOAMER	GAL FORMULA 2036	ECOPHOL	FEB DATE
–		–		3		–	–	56.00	–		–	–	–	–		1-25
–		–		15		7.5	6.50	64.00	–		–	–	–	–		1-27
23.70		–		45		1.60	32.00	80.00	–		–	–	–	–		30
19.80		–		72		1.35	27.00	69.00	–		–	–	–	–		31
15.40		–		62		1.05	21.00	64.00	–		–	–	–	–		2-1
–		–		–		–	–	40.00	–		–	–	–	–		4
–		–		–		–	–	40.00	–		–	–	–	–	7.5	5
17.60		–		40		1.20	24.00	8.00	–		–	–	–	–	3.00	6
17.60		–		64		1.20	24.00	–	–		–	–	–	–		7
–		–		50		1.05	21.00	–	–		–	–	–	–		8
–		–		–		–	–	–	–		–	–	–	–		19
6.60		–				.45	9.00	16.00	–	.81	–	–	–	–		1
–		–		–		–	–	120.00	–		–	–	–	–		20
8.80		–		–		.60	12.00	–	–	.28	–	–	–	–		21
10.25		–		–		.70	14.00	–	–	.35	–	–	–	–		22
6.60		–		–		.45	9.00	–	–	.21	–	–	–	–		
10.25		–		35		.70	14.00	–	–		–	–	–	14		
4.40		–		15		.30	6.00	–	–		–	–	–	–		
141.00		–		4.01		11.40	219.50	552.00	1.05		–	–	–	14	3.75	
610.53				39.70		✓	✓	✓	10.50						✓	
✓				✓					✓							

FEB 1980

BLADE COATER BROKE

DATE	UNCOATED	COATED	TOTAL	RCD UNCOATED	TRIAL COATED	TOTAL
1-28 80	30.00	73.00	103.00			
1-29	20.00	56.00	76.00			
30	30.00	16.50	46.50			
31	37.50	85.75	123.25			
2-1	20.10	56.20	76.30			
4	20.05	80.90	100.95			
5	14.10	66.00	80.10			
6	9.50	55.00	64.50			
7	1.40	5.80	7.20	7.80	11.40	19.20
8	20.50	45.00	65.50	9.30	11.70	21.00
18	12.20	32.80	45.00			
19	13.00	38.00	51.00			
20	24.00	86.00	110.00			
21	3.00	28.00	31.00			
22	1.50	10.60	12.10			
	[illegible]	733.55	992.40	17.10	23.10	40.20

-D ARNOLD x 250

MARCH 1980 — MILL "C" CHEMICALS

DATE	ALUM GAL	3960 TK CLAY	GAL x .25 SIZE	6758 IBS CLINTON	753 CLINSIZE	STAZYME J	STAYSIZE 112	TITANIUM	ANSILEX	DEFOAMER	CP-7	7651 NALCO
				x100		x100	x100			x809	x842	
2-25-80	13.00	475.20	8.52	—	—	108.00	—	20.00	15.00	15	2.00	—
26	7.00	435.60	6.79	—	—	99.00	—	27.00	13.50	15	.50	—
27	4.00	396.00	10.48	—	—	99.00	—	33.00	16.50	15	[illegible]	—
28	7.00	237.60	18.46	—	—	60.00	—	28.50	14.25	15	.00	—
29	12.50	356.40	13.13	—	—	60.00	—	42.00	14.00	15	—	—
3-1	7.00	435.60	8.37	—	—	96.00	—	37.75	16.00	15	—	—
2	7.00	554.40	10.57	—	—	84.00	—	59.50	27.00	15	—	—
3	4.00	396.00	10.90	—	—	84.00	—	48.00	27.00	15	—	—
4	6.50	435.60	9.90	—	—	108.00	—	44.00	28.50	15	—	—
5	9.50	316.80	8.22	—	—	84.00	—	27.00	22.50	15	—	—
6	7.50	514.80	10.90	—	—	120.00	—	38.50	19.75	15	—	—
7	6.00	633.60	9.81	—	—	134.00	—	29.00	11.50	15	—	—
8	7.50	435.60	12.14	—	—	108.00	—	38.50	16.50	15	—	—
9	5.00	594.00	12.06	—	—	100.00	—	40.00	18.75	15	—	—
10	7.50	594.00	10.60	—	—	—	—	64.50	25.50	15	—	—
11	5.00	514.80	10.57	—	—	—	—	24.00	14.00	15	—	—
12	5.00	435.60	9.51	—	—	—	—	33.50	18.00	10	—	—
13	8.50	594.00	8.67	—	—	—	—	48.00	20.50	15	—	—
14	8.00	514.80	9.31	—	—	—	—	44.50	16.50	15	—	—
15	11.00	356.40	10.03	—	—	—	—	75.00	28.00	15	—	—
16	6.50	316.80	11.06	—	—	—	—	48.75	20.25	15	—	—
17	4.00	316.80	11.25	—	—	—	—	31.50	14.00	15	—	—
18	5.00	396.00	10.73	—	—	—	—	43.50	18.00	15	—	—
19	4.50	198.00	15.83	—	—	20.00	—	43.00	16.50	15	—	—
20	9.50	237.60	18.54	—	—	20.00	—	47.00	17.00	15	—	—
21-22	12.00	831.60	23.15					102.25	39.50	30		
23	7.00	356.40	11.00	—	—	—	—	52.50	28.50	15	—	—
24	6.50	475.20	11.17	—	—	—	—	28.50	[illegible]	15	—	—
25	7.00	316.80	10.93	—	—	—	—	27.00	18.00	15	—	—
26	7.00	316.80	12.48	—	—	48.00	—	11.00	11.00	15	—	—
27	5.50	396.00	11.00	—	—	120.00	—	19.25	10.75	15	—	—
28	5.50	514.80	10.97	—	—	132.00	—	3.75	1.00	15	—	—
29	9.00	396.00	12.29	—	—	108.00	—	23.00	10.25	15	—	—
30	10.50	356.40	10.56	—	—	96.00	—	28.50	15.00	15	—	—
	24.50	14652.00	[illegible]	—	—	188.00	—	[illegible]	[illegible]	[illegible]	[illegible]	
										42.07	37.89	

7651 NALCO	PARMEL	ALUM-ON TANK	CLAY TANK	SODIUM NITRATE	ALPHA SIZE gal	RA-10 RETENTION AID	DRY CLAY #	DOUGLAS STARCH	PARACOL WAX	NOPCO FLOC	RA-10 224-L	PARACOL 404 D
—	—	6	3800	—	—	—	—					
—	—	3	4000	—	—	—	—					
—	—	2	3400	—	—	—	—					
—	201 00	3	16 00	—	—	—	—					
—	315 60	5	2400	—	—	20	—					
—	—	4	3300	—	—	—	800					
—	—	3	4800	—	—	10	3250					
—	—	2	2800	—	—	5	—					
—	—	3	3400	—	—	5	—					
—	—	4	3400	—	—	5	—					
—	—	3	4400	—	—	—	—					
—	—	3	6200	—	—	—	—					
—	—	3	3500	—	—	10	—					
—	—	2	6600	—	—	10	—	10000				
—	—	3	5800	—	—	10	—	15900				
—	—	2	4800	—	—	10	—	14400				
—	—	2	5800	—	—	25	—	7200				
—	—	4	5000	—	—	25	—	12000				
—	—	2	4700	—	—	—	—	10800			10	
—	—	5	2600					12000			5	
—	—	3	3000	—	—	—	—	10800			10	
—	—	2	2800	—	—	—	—	10800			5	
—	—	—	3000	—	—	—	—	15600			20	
—	210 60	2	1600	—	—	—	—	7200			10	
—	160 40	4	1600	—	—	—	—	2400		45	20	
		5	6000					14400		30	60	105
—	—	3	3200	—	—	—	—	7200	—		10	30
—	—	3	4400	—	—	—	—	8400	—		20	—
—	—	3	3200	—	—	—	—	7200	—		25	—
—	—	3	2800	—	—	—	—	6000	—		20	—
15	—	2	3700	—	—	—	—	—	—		—	—
30	—	3	5800	—	—	—	—	—	—		—	—
60	—	4	3900	—	—	—	—	—	—		—	—
30	—	5	4000	—	—	—	—	—	—		—	—
[illegible]	[illegible]	[illegible]	[illegible]	—	—	135	4050	172300		75	[illegible]	[illegible]
	71 00		124442 #									

OSKAR DIBERTS

MARCH 1980

MILL "D" CHEMICALS

DATE	GLUE 7651 GAL	SIZE 120 × TK	C-7 GAL	J ×100	CLINCO ×100 SS	TITANIUM ×50	71-M NALCO	CLAY ×5400 COUNTER	SODIUM ALUMINATE	GLUE	STAYSIZE 112
2-25-80	—	4.80	—	—	112.00	125.00	—	1	—		
26	—	4.80	—	—	80.00	125.00	—	—	—		
27	—	5.40	—	—	96.00	125.00	—	1	—		
28	1	7.20	—	—	96.00	125.00	—	2	—		
29	1	2.40	—	—	128.00	37.50	—	6	1		
3-1	—	5.40	—	—	128.00	24.00	—	17	1		
2	—	5.40	—	—	128.00	70.00	—	8	1		
3	—	3.60	—	—	208.00	103.00	—	5	1		
4	—	7.20	—	—	144.00	100.00	—	6	1		
5	—	7.20	—	—	160.00	85.00	—	5	1		
6	—	9.00	—	—	96.00	92.50	—	4	1		
7	1	6.80	—	—	112.00	105.00	—	—	—		
8	1	4.00	—	—	144.00	100.00	—	4	—		
9	1	6.20	—	—	112.00	110.00	—	4	—		
10	2	4.60	—	—	144.00	110.00	—	3	—		
11	1	3.60	—	—	168.00	100.00	—	5	—		
12	2½	7.20	—	—	112.00	105.00	—	4	—		
13	½	5.80	1	—	98.00	100.00	—	4	—		
14	—	6.00	—	—	98.00	—	—	27	—		
15	—	4.20	—	—	106.00	48.50	—	9	1		
16	—	6.00	—	—	143.00	56.00	—	5	—		
17	1	6.00	—	—	104.00	77.50	—	5	—		
18	2	6.00	—	80.00	72.00	119.00	—	—	3		
19	—	6.00	—	—	120.00	110.00	—	—	2		
20	1	6.00	—	—	174.00	87.50	—	—	—		
21	1	6.60	—	—	96.00	125.00	—	—	—		
22	—	6.00	—	—	176.00	125.00	—	—	1		
23	1	4.20	—	—	164.00	125.00	—	—	—		
24	1	5.40	—	—	162.00	125.00	—	6	—		
25	2	5.40	—	—	192.00	105.00	—	3	—		
26	1	6.00	—	—	192.00	125.00	—	13	1		
27	—	4.80	—	80.00	80.00	110.00	—	3	—		
28	7	3.06	—	29.00	112.00	100.00	—	5	1		
29	—	3.60	—	58.00	—	88.00	—	4	1	—	96.00
30	—	3.60	—	96.00	80.00	51.00	—	5	1	98	—
	21	18×60	1	343.00	4342.00	3084.50	—	164 / 885.00	18	98	96.00

[redacted]

CLAY ROTO-DIP USAGE (GALLONS)

DATE	#5	#6	TOTAL
2-25-80	30 98	49 64	80 62
26	41 00	44 02	85 02
27	32 19	36 95	69 14
28	30 05	24 52	54 57
29	18 40	48 21	66 61
3-1	24 50	75 95	100 45
2	40 20	37 49	77 69
3	20 48	29 01	49 49
4	9 78	36 79	46 57
5	6 90	27 80	34 70
6	16 86	55 06	71 92
7	43 58	58 60	102 18
8	36 06	34 42	70 48
9	32 07	49 85	81 92
10	24 74	71 52	96 26
11	22 24	54 89	77 13
12	29 35	27 36	56 71
13	17 39	67 46	84 85
14	38 24	46 08	84 32
15	24 89	24 40	49 29
16	91	32 36	33 27
17	–	16 15	16 15
18	–	44 92	44 92
19	12 12	32 53	44 65
20	27 14	35 88	63 02
21	43 02	37 48	80 50
22	25 32	22 51	47 83
23	35 04	23 91	58 95
24	52 35	36 48	88 83
25	40 53	11 35	51 88
26	34 24	11 75	45 99
27	51 39	16 72	68 11
28	46 14	38 12	84 26
29	31 50	29 90	61 40
30	18 51	28 30	46 81
	952 11	1[illegible]1 234	2[illegible]7 64[illegible]

SH 068005

HARRY VOGLER x 202 & 205

MARCH 1980

MILL "E" CHEMICALS

x.48

DATE	SOY FLOUR	N.T. CLAY	CASEIN	N.T. X CLAY TK	CAMIL WITE	CAUSTIC SODA	LATEX DOW 620	LATEX DOW 636	TSPP	ULTRA BLUE	PAREL RESIN	RED OXP
-25-27-80	—	—	—	17500	91	—	42 00	—	60	—	—	—
28-29	—	—	—	17500	91	—	42 00	—	1.60	—	—	—
3-5	—	—	—	27500	1.30	—	60 00	—	80	—	—	—
6-8	—	—	—	20000	1.04	—	48 00	—	64	—	—	—
10-12	—	—	—	25000	1.30	—	60 00	—	80	—	—	—
13-15	—	—	—	225 00	1.17	—	54 00	—	1.05	—	—	—
17-19	—	—	—	250 00	1.30	—	60 00	—	70	—	—	—
20-22	—	—	—	225 00	1.17	—	54 00	—	1.03	—	—	—
24-26	—	—	—	225 00	1.17	—	54 00	—	75	—	—	—
27-29	—	—	—	225 00	1.17	—	54 00	—	63	—	—	—
	—	—	—	222500	11.44		52800	—	860	—	—	—
							25344					

58

868006

RED BOP	727 Ammonia	Salt	Borax	773 Nopco 178	Formaldehyde	Pro Cote Protein	Latex Dow 620	Dylex Latex	Nopco 1407	771 Alc
—	147	—	105	—	200	2800	—	—	210	—
—	147	—	105	—	175	3000	—	—	147	½
—	210	—	150		250	4000	—	—	250	½
—	168	—	120	—	200	3200	—	—	200	½
—	210	—	150	—	250	4000	—	—	300	½
—	198	—	135	—	225	3600	—	—	270	—
1	210	—	150	—	250	4000	—	—	280	½
—	201	—	135	—	225	3600	—	—	225	½
—	190	—	135	—	225	3600	—	—	252	—
—	189	—	135	—	225	3600	—	—	185	—
1	1870	—	1320	—	2275	35400	—	—	2323	3
	13595									1113

SA 068007

IACN SEG. MILL C

MARCH 1980

PULP USED IN HYDROPULPER

DATE	DRYDEN SEGL-BL	NAMOLA 462	MARATHON 481	SUPERIOR 498	PR GEORGE 467	CELGAR 475	CREST-BROOK 517	~~BROWN 464~~ ~~[illegible]~~ PULP E-B	WEST UNCO 327	KAMLOOPS 468	TOTAL	DRYDEN FB
2-25-80	—	40	—	—	—	—	—	—	—	—	354	—
26	—	32	—	—	—	—	—	—	—	—	310	—
27	—	20	—	—	—	—	—	—	—	—	328	—
28	—	—	99	—	—	—	—	—	—	80	288	—
29	—	—	83	—	—	—	5	14	—	119	239	—
1	—	—	22	—	—	—	117	44	—	—	391	—
2	—	—	—	—	—	—	91	—	—	—	251	—
	—	98	204	—	—	—	207	58	—	199	21	—
3	—	—	—	—	—	—	48	—	—	—	301	—
4	—	—	—	—	—	—	—	—	—	—	241	—
5	—	—	—	—	—	—	—	—	—	—	342	—
6	—	—	7	—	—	—	—	18	—	—	424	—
7	—	—	70	—	—	82	32	43	—	—	361	—
8	—	—	—	—	—	152	60	29	—	—	339	—
	—	—	—	—	—	—	224	—	—	126	386	—
	—	—	77	—	—	339	364	58	—	126	2469	—
10	—	—	—	—	—	—	144	26	—	144	380	—
11	—	—	—	—	—	215	18	—	—	144	389	—
12	—	—	148	—	—	60	—	—	—	18	312	—
13	—	—	132	—	—	—	—	—	—	—	340	—
14	—	—	116	9	—	—	—	—	—	—	347	—
15	—	—	—	111	—	—	—	—	—	—	329	—
16	—	—	—	213	—	—	—	—	—	—	320	—
	—	—	2[illegible]	[illegible]	—	2[illegible]	1[illegible]	[illegible]	—	[illegible]	[illegible]	—
17	—	—	—	167	—	—	—	—	—	—	321	—
18	—	—	—	77	—	—	—	—	—	—	309	—
19	—	—	—	24	—	—	—	—	—	—	361	—
20	—	—	—	—	—	—	—	5	—	—	366	—
21	—	—	—	—	—	—	—	15	—	—	367	—
22	—	—	—	—	—	—	—	—	—	—	317	—
23	—	—	—	26	—	—	—	—	—	—	316	—
	—	—	—	—	—	—	—	—	—	—	[illegible]	—
24	—	—	—	—	—	—	—	—	—	—	311	—
25	—	—	108	—	—	—	—	29	—	—	279	—
26	—	—	76	—	—	—	—	20	—	—	239	—
27	—	—	—	—	—	—	—	58	—	—	291	—
28	—	—	137	—	—	—	—	41	—	—	298	—
29	—	—	38	—	—	—	—	46	—	—	320	—
30	—	—	36	—	—	—	—	36	—	22	295	—
	—	—	215	—	—	—	—	[illegible]	—	22		
	— ✓	— 88✓	8 78✓	601✓	— ✓	6 14✓	7 35✓	421	—	7 05✓	115 99	2

DRYDEN FB 473	GD PRAIRIE 574	EDDY 388	ALLIED SW 492	EDDY HW ~~[illegible]~~	ALLIED HW 497	DR. ALBERT 481	SOUTH WEST 537	ALABAMA 497	CARIBO	CUPPING	PONTAC
—	—	—	—	—	—	100	—	44	136	34	—
—	—	—	93	—	—	64	—	56	40	19	—
—	—	—	114	—	—	69	—	87	—	38	—
—	—	—	—	—	—	—	—	54	55	—	—
—	—	—	42	—	—	—	—	—	—	6	30
—	—	—	207	—	—	—	—	—	—	—	7
—	—	—	210	—	13	—	—	13	—	—	24
—	—	—	661	—	13	[illegible]	—	254	231	97	61
—	—	—	220	—	—	—	—	—	—	—	28
—	—	32	234	—	—	—	—	5	—	—	20
—	—	247	100	—	—	—	—	—	—	—	—
—	—	151	226	—	—	—	—	—	—	22	—
—	—	—	118	—	—	—	—	—	—	16	—
—	—	56	—	—	—	—	—	—	—	—	—
—	—	486	898	—	—	—	—	5	—	38	48
—	—	66	—	—	—	—	—	—	—	—	—
—	—	12	—	—	—	—	—	—	—	—	—
—	114	72	—	—	—	—	—	—	—	—	—
—	120	81	—	—	—	—	—	—	—	7	—
—	—	41	—	—	—	144	—	—	—	41	—
—	—	—	—	—	64	117	—	—	—	37	—
—	—	—	—	—	107	—	—	—	—	—	—
—	234	2[illegible]	—	—	171	261	—	—	—	[illegible]	—
—	—	—	48	—	106	—	—	—	—	—	—
—	—	—	136	—	96	—	—	—	—	—	—
—	—	238	44	27	28	—	—	—	—	—	—
—	—	273	48	40	—	—	—	—	—	—	—
—	—	163	165	16	—	—	—	—	—	—	—
—	—	202	115	—	—	—	—	—	—	—	—
100	27	87	102	—	—	—	—	—	—	—	—
100	—	467	155	[illegible]	[illegible]	—	—	—	—	—	—
124	78	—	109	—	—	—	—	—	—	—	—
—	75	—	76	—	—	—	—	—	—	—	—
—	72	—	67	—	—	—	—	—	—	—	—
—	72	—	161	—	—	—	—	—	—	—	—
—	62	—	139	—	—	—	—	15	—	4	—
—	84	—	—	38	—	—	—	114	—	—	—
—	—	—	103	36	—	—	—	12	—	—	—
124	4[illegible]	—	655	74	—	—	—	141	—	4	—
224	704	1725	2877	157	414	494	—	400	231	224	109

MACH 7,8,9 MILL D

MARCH 1980

PULP USED IN HYDROPULPER

DATE	SUPERIOR 498	KAMLOOPS 488	NAHOLA 462	MARATHON 481	CREST-BROOK 517	GD. PRAIRIE 574	ALLIED SW 452	WEST 327 UACO	PR GEORGE 467	ALLIED NW 857	TOTAL	CELGR
2-25-80	—	—	—	—	—	—	180	—	—	—	300	—
26	—	—	—	—	—	—	132	—	—	—	252	—
27	—	—	—	—	—	—	144	—	—	—	364	—
28	—	—	—	—	—	—	—	—	—	—	380	—
29	—	—	—	—	—	—	—	—	—	—	362	—
3-1	240	8	—	—	—	—	—	—	—	—	466	—
2	166	—	—	—	—	—	180	—	—	—	388	—
	406	8	—	—	—	—	576	—	—	—	511	—
3	—	100	—	—	—	—	110	—	—	—	314	—
4	156	12	—	—	—	—	20	—	—	—	314	—
5	120	—	—	—	—	—	90	—	—	—	376	—
6	—	—	—	—	—	—	10	—	—	—	342	10
7	—	—	—	—	—	—	140	—	—	—	449	
8	—	—	—	138	—	—	50	—	—	—	450	1
9							352				456	
	276	112	—	242	—	—	762	—	—	—	2251	3
10	—	—	—	24	—	—	—	—	—	—	444	1
11	—	—	—	—	—	—	—	—	—	42	408	—
12	—	—	—	—	—	—	—	—	—	20	438	—
13	—	—	—	—	—	—	—	—	—	150	492	—
14	—	—	—	—	—	—	4	—	—	128	480	—
15	—	—	—	—	—	—	—	—	—	76	340	—
16	—	—	—	—	—	—	—	—	—	52	432	—
	—	—	—	24	—	—	4	—	—	408		
17	—	—	—	—	—	—	140	—	120	78	516	—
18	—	—	—	—	—	—	120	—	—	42	432	—
19	—	—	—	—	—	—	156	—	—	36	384	—
20	—	112	—	—	—	—	124	—	—	80	480	—
21	—	120	—	66	—	—	158	—	—	—	456	—
22	—	—	—	10	—	—	232	—	—	—	408	—
23	—	164	—	—	—	—	200	—	—	—	384	—
	—	146	—	76	—	—	11[illegible]	—	—	186		
24	—	—	—	—	236	—	152	—	—	—	[illegible]	—
25	—	—	—	—	60	—	248	—	64	—	372	—
26	72	—	—	—	—	—	272	—	64	—	408	—
27	60	—	—	—	—	—	284	—	—	16	380	—
28	48	—	—	—	—	—	204	—	—	—	348	—
29	156	—	—	42	—	—	150	—	—	—	384	—
30	96	—	—	208	—	—	—	—	—	—	348	—
	432	—	—	[illegible]	2[illegible]	—	12[illegible]	—	1[illegible]	16	[illegible]	
	1114	516	—	592	296		3704	—	248	670	13937	6

CELGAR 475	DRYDEN AB 475	INTERCON ~~Bowser~~ ~~Wick~~ 197	EDDY 388	DRYDEN SEMI-BI	SOUTHWEST 537	PR. ALBERT 481	DOMTAR 498	CARIBOO	ALBERTA	Pontiac	THUNDER 537
—	—	—	60	—	—	120	—	—	—	—	
—	—	—	12	—	—	24	—	84	—	—	
—	—	—	—	—	—	—	—	220	—	—	
—	—	—	—	—	—	—	—	360	—	—	
—	—	—	40	—	—	—	—	150	172	—	
—	—	—	44	—	—	—	—	44	130	40	
—	—	—	160	—	—	141	—	272	302	16	
—	—	—	84	—	—	—	20	—	—	—	
—	—	—	36	—	—	—	56	—	—	—	
52	—	—	—	—	—	104	10	—	—	—	
100	—	—	—	—	—	232	—	—	—	—	
41	—	—	—	—	—	98	—	170	—	—	
148	—	—	30	—	—	—	—	60	—	—	
375	—	—	150	—	—	434	100	200	—	—	
148	—	—	272	—	—	—	—	—	—	—	
94	—	—	272	—	—	—	—	—	—	—	
34	36	—	64	—	—	—	—	252	—	—	32
—	12	—	312	—	—	—	—	18	—	—	
—	108	—	96	—	—	—	—	—	—	—	144
—	32	—	—	—	120	—	—	112	—	—	
—	—	60	—	—	—	24	—	296	—	—	
16	12	60	16	—	12	24	—	16	—	—	172
—	—	130	—	—	—	48	—	—	—	—	
—	—	88	—	—	—	182	—	—	—	—	
—	—	—	—	—	—	192	—	—	—	—	
—	—	—	—	—	102	112	—	—	—	—	
—	—	—	—	—	40	60	—	—	—	—	
—	—	—	—	—	—	176	—	—	—	—	
—	—	—	—	—	—	20	—	—	—	—	
—	—	12	—	—	12	—	—	—	—	—	
—	—	—	—	—	—	—	—	—	—	—	
—	—	—	—	—	—	—	—	—	—	—	
—	—	—	—	—	8	—	22	—	—	—	
—	—	—	—	—	—	—	96	—	—	—	
—	—	—	—	—	—	—	—	56	—	—	
44	—	—	—	—	—	—	—	—	—	—	
44	—	—	—	—	—	—	168	56	—	—	
6954	1864	278	1326	—	270	1412	2188	1822	3024	400	176

SA 068011

MACH 5&6

MILL C MARCH 1980 CHEMICALS USED IN BEATER

DATE	ALUM #	SIZE #	CLAY GAL	ANSILEX	① SCM	NALCO 680	② TITANIUM	ZEALEX	Ti PURE ③	Du PONT	TOTAL	Ax
2-25-80	3 50	7 33	68 00	15 00	30 00	—	—	—	—	—	123 83	—
26	3 15	6 28	64 00	13 50	27 00	—	—	—	—	—	113 93	—
27	3 85	10 63	66 00	16 50	33 00	—	—	—	—	—	129 98	—
28	3 33	13 63	21 00	4 75	28 50	—	—	—	—	—	[illegible]	—
29	1 75	11 71	27 00	14 00	—	—	42 00	—	—	—	[illegible]	—
1	2 88	7 36	73 75	16 00	22 75	—	—	—	—	—	137 84	—
2	3 25	7 28	84 50	27 00	—	—	7 50	—	—	—	[illegible]	—
	22 31	64 72	404 25	[illegible]	141 25	—	49 50	—	—	—		—
3	3 80	8 83	85 00	27 00	—	—	2 00	—	—	—	185 73	—
4	3 60	9 15	87 00	28 50	—	—	—	—	—	—	172 25	—
5	3 60	7 20	58 50	22 50	—	—	—	—	—	—	118 80	—
6	4 05	9 49	20 75	19 75	—	—	—	—	—	—	92 54	—
7	3 30	7 98	96 50	12 50	—	—	7 00	—	—	—	151 28	—
8	3 30	10 46	74 50	16 50	—	—	5 50	—	—	—	143 26	—
9	3 40	11 44	97 50	18 75	17 50	—	—	—	—	—	171 09	—
	25 05	64 55	519 75	145 50	17 50	—	14 50	—	—	—	[illegible]	—
10	2 75	8 91	74 50	25 50	64 50	—	—	—	—	—	176 16	—
11	3 00	9 76	78 00	14 00	24 00	—	—	—	—	—	128 76	—
12	3 00	7 66	55 00	18 00	18 00	—	—	—	—	—	117 16	15
13	2 50	7 95	64 00	20 50	11 00	—	—	—	—	—	142 95	37
14	2 50	7 78	61 00	16 50	10 00	—	—	—	—	—	132 28	34
15	2 85	7 70	15 80	28 00	—	—	26 00	—	—	—	129 35	49
16	2 00	7 89	53 00	20 25	—	—	—	—	—	—	131 89	48
	18 60	57 65	[illegible]	142 75	[illegible]	—	[illegible]	—	—	—	958 55	184
17	1 75	8 43	58 00	14 00	—	—	—	—	—	—	113 68	31
18	2 25	8 11	54 00	18 00	—	—	6 50	—	—	—	125 86	37
19	2 21	13 53	15 00	16 50	—	—	30 00	—	—	—	[illegible]	13
20	3 15	15 48	7 00	17 00	—	—	47 00	—	—	—	89 63	
21	2 25	9 23	44 50	11 00	—	—	—	—	—	—	100 48	33
22	2 75	9 59	46 00	28 50	—	—	26 25	—	—	—	153 59	40
23	3 15	9 17	56 50	25 50	—	—	—	—	—	—	146 80	50
	17 [illegible]	[illegible]	[illegible]	[illegible]	—	—	[illegible]	—	—	—	[illegible]	207
24	2 75	9 88	60 00	19 00	—	—	—	—	—	—	120 13	2[illegible]
25	2 25	9 23	58 00	18 00	—	—	—	—	—	—	114 48	26
26	2 75	7 71	44 00	11 00	—	—	—	—	—	—	76 48	11
27	3 85	7 92	61 00	10 75	—	—	19 25	—	—	—	102 77	—
28	3 35	9 13	62 00	1 00	—	—	—	—	—	—	79 23	3
29	2 63	9 44	65 00	10 25	—	—	5 50	—	—	—	110 32	17
30	2 50	9 03	64 00	15 00	—	—	26 50	—	—	—	119 03	—
	[illegible]	[illegible]	414 00	85 00	—	—	[illegible]	—	—	—	[illegible]	[illegible]
	104 53	323 30	2020 30	610 50	286 25	—	253 00	—	—	—	4392 38	479

Ax ④	ALPHA SIZE	WOB
—	—	—
—	—	—
—	—	—
—	—	—
—	—	—
—	—	15 00
—	—	53 00
—	—	[illegible]
—	—	58 50
—	—	44 00
—	—	27 00
—	—	38 50
—	—	24 00
—	—	33 00
—	—	22 50
—	—	17 50
—	—	—
—	—	—
15 50	—	—
37 00	—	—
34 50	—	—
49 00	—	—
48 75	—	—
18 475	—	—
31 50	—	—
37 00	—	—
13 00	—	—
—	—	—
33 00	—	—
40 50	—	—
52 50	—	—
20 750	—	—
24 50	—	—
26 00	—	—
11 00	—	—
—	—	—
3 75	—	—
17 50	—	—
—	—	—
26 75	—	—
479 00	—	315 50

ICH 7/8 89 MILL L

ARCH 1980

CHEMICALS USED IN BEATER

DATE	ALUM #	SIZE #	CLAY	ANSILEX	① SCM	NALCO 680	AX ②	TI PURE ③	CAMIL WITE	CALCIUM CARBONATE	TOTAL	TITANIUM ④
25-80	27.30	23.50	55.40	67.50	21.50	2.73	—	—	—	—	261.93	—
26	23.40	20.50	32.50	76.50	29.00	2.34	—	—	—		258.24	—
27	35.10	26.30	109.00	22.00	8.00	3.30	—	—	—	—	221.81	—
[illegible]	36.00	30.85	92.10	29.50	—	3.00	—	—	—	—	231.75	30
[illegible]	34.30	28.10	43.00	32.00	2.00	3.69	—	—	—	—	184.16	—
3-1	35.10	25.35	90.50	12.00	—	3.51	—	—	—	—	190.68	—
2	33.60	21.60	91.50	28.00	18.00	3.36					242.06	—
	224.[illegible]	176.[illegible]	[illegible]	272.50	78.50	[illegible]	—	—	—	—	[illegible]	30
3	28.50	20.60	86.00	76.00	30.50	2.85	—	—	—	—	314.45	—
4	30.60	24.55	72.25	84.50	35.00	3.06	—	—	—	—	314.46	—
5	32.40	27.20	93.00	83.00	18.00	3.24	—	—	—	—	345.84	—
6	30.50	30.75	59.00	42.00	—	2.76	—	—	—	—	224.29	—
7	36.30	33.28	98.50	16.00	—	3.32	—	—	—	—	219.40	—
8	30.75	29.33	94.00	33.00	102.00	3.24	—	—	—	—	292.32	—
9	32.68	24.38	105.00	44.75	76.50	2.96					316.77	
	[illegible]	196.[illegible]	[illegible]	377.[illegible]	262.00	[illegible]					[illegible]	—
10	27.65	18.82	105.25	34.50	—	2.93	—	—	—	—	272.40	—
11	24.90	19.35	74.50	62.00	—	2.49	—	—	—	—	257.74	—
12	35.53	36.48	71.50	48.00	—	3.17	—	—	—	—	269.28	—
13	38.15	32.30	67.50	3.75	—	3.44	—	—	—	—	154.53	100
14	35.85	30.70	111.30	—	—	3.27	—	—	—	—	181.84	—
15	25.20	13.50	130.80	23.50	—	2.49	—	—	—	—	242.30	360
16	26.55	18.10	134.50	22.75	—	3.06	—	—	—	—	260.71	42
	213.83	[illegible]	[illegible]	194.50	—	[illegible]	—	—	—	—	[illegible]	-117
17	31.20	19.70	80.30	36.50	—	3.12	—	—	—	—	240.32	—
18	23.70	24.35	57.00	37.16	—	2.28	—	—	—	—	257.68	542
19	23.63	57.91	92.00	62.38	—	2.66	6.00	—	—	—	344.21	—
20	33.23	26.50	85.38	44.63	—	.51	6.50	—	—	—	293.75	—
21	27.20	28.50	109.50	24.50	—	—	—	—	—	—	248.70	—
22	16.60	19.00	121.00	65.00	—	.9	—	—	—	—	321.89	—
23	16.60	18.55	134.00	62.00	—	—	—	—	—	—	343.15	—
	114.[illegible]	[illegible]	[illegible]	337.11	—	8.[illegible]	12.50	—	—	—	149.7[illegible]	51
24	14.65	17.68	105.00	75.75	—	—	—	—	—	—	310.33	—
25	26.05	19.70	124.30	58.50	—	2.16	—	—	—	—	297.41	—
26	27.30	18.50	126.90	46.00	—	2.73	—	—	—	—	292.93	—
27	27.00	23.55	61.60	88.50	163.50	2.73	—	—	—	—	366.88	—
28	25.80	17.10	96.60	47.50	34.50	2.58	—	—	—	—	270.58	80
29	32.10	16.50	97.60	43.00	43.00	2.61	—	—	—	—	274.31	50
30	24.30	20.18	103.80	23.50	14.50	2.43					237.21	16
	177.20	[illegible]	716.00	382.75	255.50	15.[illegible]	—	—	—	—	204[illegible].65	
	1011.92	863.26	3212.28	1566.11	596.00	88.11	12.50	—	—	—	9356.31	1130

[redacted]

5A 068014

CHEMICALS AT WS PULPERS

TITANIUM (4)	ZEALEX	ALPHA SIZE	(5) WDB	UNITANE	DATE	DRY ALUM
—	—	—	64 00	—	2-25-60	10.00
—	—	—	74 00	—	26	9.00
—	—	11	18 00	—	27	4.00
3 00		30	37 00	—	28	6.00
—	—	7	36 00	—	29	7 00
—	—	22	24 00	—	3-1	6.00
			28 00	18 00	2	3 00
3 00	—	70	[illegible]		3	8.00
—	—	—	—	70 00	4	—
—	—	—	—	64 50	5	—
—	—	—	89 00	—	6	7 00
—	—	— 28	69 00	—	7	7 00
—	—	—	37 00	—	8	8.00
—	—	—	30 50	—	9	10.00
—	—	28	210 50	134 50	10	9.00
—	—	—	83 25	—	11	10.00
—	—	—	74 50	—	12	11.00
—	—	10	74 50	—	13	10.00
1 00	—	89	7 50		14	9.00
—	—	72	—	—	15	11.00
36 00	—	6	10 75	—	16	10.00
4 75	—	—	51 00	—	17	9.00
11 75	—	1 77	301 50	—	18	9 00
—	—	—	69 50	—	19	11.00
54 25	—	—	59 00	—	20	12 00
—	—	—	99 63	—	21	7 00
—	—	—	97 00	—	22	8.00
—	—	—	59 00	—	23	9 00
—	—	—	98 00	—	24	8.00
—	—	—	107 00	—	25	7 00
54 25	—	—	589 13	—	26	10.00
—	—	—	97 25	—	27	5 00
—	—	—	66 50	—	28	10.00
—	—	—	71 50	—	29	9 00
—	—	—	—	—	30	4 00
8 00	—	—	38 50	—		27 300
5 00	—	—	34 50	—		
1 00			47 50			
14 00	—	—	[illegible] 75	—		
113 00		2 75	1737 88	152 50		

ICK SHOCKLEY
O RED

MARCH 1980 3.98 8.18 BLADE COATER 10 CHEMICALS 727 4.37 #

DATE	LATEX 673 GAL	DEFOAMER DF-122 #	STEARATE DC-111 GAL	KELGIN NV #	TSPP	CLAY N.T. GAL	AMMONIA GAL	UNITEX #	CAMIL WITE II	LATEX 6107 GAL	PG 208	74-8 # PERCORE
2-25 80	3 00	64	44	30	42	24 69	50	—	19 00	—	30 00	—
26	10 01	52	58	45	48	24 20	53	—	21 00	—	35 00	—
27	10 51	56	62	45	148	25 50	58	—	24 00	—	40 00	—
29	4 34	44	20	30	47	26 60	36	1 19	1 50	—	—	—
3-1	2 17	16	10	15	21	10 84	14	34	50	—	—	—
	80 03	28	144	165	186	112 43	211	153	66 00	—	71 30	
3	4 31	44	20	30	47	26 57	36	68	1 50	—	—	
4	6 51	12	30	45	48	18 75	18	1 02	—	—	—	
5	4 34	24	20	30	32	20 80	26	68	10 00	—	—	
6	—	36	—	—	15	14 07	24	—	1 50	—	—	
7	—	72	—	—	30	28 20	48	—	3 00	—	—	
8	9 00	132	72	—	25	38 75	130	—	55 50	—	85 00	
	24 19	326	142	105	141	141 14	292	238	75 50	—	6	
10	2 67	20	14	15	126	15 63	27	34	4 00	—	5 00	
11	8 65	16	40	60	64	25 00	24	1 02	—	—	—	
12	1 91	27	9	13	24	14 88	21	—	4 00	—	—	
13	—	60	—	—	25	23 45	40	—	2 50	—	—	
14	—	48	—	—	20	18 76	32	—	2 00	—	5 00	
15	—	24	—	—	10	9 38	16	—	1 00	—	4 00	
17	13 26	195	63	84	209	197 10	160	156	16 50	—	17 00	
	9 34	80	20	36	62	42 64	60	—	5 00	—	—	
18	8 08	15	30	51	60	23 25	22	63	—	—	16 00	
19	2 17	88	10	15	51	38 15	62	—	3 50	—	—	
20	—	64	—	—	25	27 60	50	—	7 50	—	12 00	
21	—	16	—	—	—	8 60	20	—	5 00	—	28 00	
23	—	36	—	—	15	14 04	24	—	1 50	—	—	
	14 59	216	67	101	213	144 56	223	63	20 68	—	56 00	
24	15 19	29	70	105	112	43 32	72	238	—	—	—	
25	13 02	124	60	90	96	37 50	36	204	—	—		
26	10 85	—	50	75	80	31 25	30	1 70	—	—	—	
27	11 98	24	56	110	188	34 40	36	1 36	—	—	—	
28	8 77	20	42	115	84	25 05	—	30	—	—	—	
29	7 64	12	36	80	66	21 90	24	68	—	—	—	
	67 45	108	31 4	572	626	83 65	58	846	—	—		
	149 32	1154	780	1034	1619	713 83	1059	1436	172 50	—	250 00	
	545 29	✓	630 ✓	✓	✓	710 50 ✓	76 49 ✓	✓	✓		✓	

SA 868016

74-B # PERCORE	STAYSIZE 112 #	CLINGIZE 253 #	NOPCOCIDE 120 #	CALGON T #	GLYCERINE #	NOPCOSANT 15	CELLOLOSE #	CMC-7L #	SCRIPTSET 720 GAL	FC-807	239 AREAS
						10.			2.27	8.64	8.36
—	—	—	14	18	—	6	—	—	—	—	—
—	—	—	10	21	—	7	—	—	—	—	—
—	—	—	—	24	—	8	—	—	—	—	—
—	600	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	24	63	—	11	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	5	—	—	—	—	—
—	4400	—	—	—	—	—	—	—	—	—	—
—	2200	—	—	—	—	—	—	—	—	—	—
—	—	—	36	54	—	18	—	—	—	—	—
—	66	—	56	54	—	18	—	—	—	—	—
—	—	—	2	3	—	1	—	—	—	—	—
—	400	—	—	—	—	—	—	—	—	—	—
—	3100	—	—	—	—	—	—	—	—	—	—
—	2400	—	—	—	—	—	—	—	—	—	—
—	2300	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
—	8[illegible]09	—	—	2	—	3	—	—	1	—	—
—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	2	—	—	—
—	—	—	—	—	—	—	—	4	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	6	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
—	15400	—	62	120	—	51	—	—	—	—	—
	✓		✓	✓		510 ✓					

SH 868017

620 LATEX	722 LATEX	86325 BERGET	BORAX #	LU PROTEIN #	SODIUM NITRATE #	PREZ 707 GAL	H.T. CLAY DRY #	MISSISSIPPI CLAY #	H4B CLAY #	FORMULA 2036 GAL	ELVANOL #	MA. DATE
4.33	3.98	9.09			11	10						
6 54	—	8	30	3 00	—	—	—	—	—	—	—	2-25
—	—	—	—	—	—	—	—	—	—	—	—	26
—	—	—	—	—	—	—	—	—	—	—	—	27
6 60	—	23	45	9 00	12 00	—	—	—	—	—	—	28
2 20	—	8	15	3 00	—	—	—	—	—	—	—	2[illegible]
1 34	—	39	40	15 00	12 00							
6 60	—	23	45	9 00	—	—	—	—	—	—	—	3-1
—	—	—	—	—	—	—	—	—	—	—	—	3
4 40	1 76	16	31	6 00	—	—	—	—	—	—	—	4
6 60	—	23	45	9 00	88 00	—	—	—	—	—		5
17 20	—	46	90	18 00	44 00	—	—	—	—	—	—	6
11 00	—	38	75	15 00	—	—	—	—	—	—	—	7
1 20	1 76	46	2 66	57 00	132 00	—	—	—	—	—	—	8
—	—	15	30	6 00	—	—	—	—	—	—	—	10
—	—	—	—	—	8 00	—	—	—	—	—	—	11
4 40	—	15	30	6 00	62 00	—	—	—	—	—	—	12
11 00	—	38	75	15 00	48 00	—	—	—	—	—	—	13
8 80	—	30	60	12 00	56 00	—	—	—	—	—	—	14
4 40	—	15	30	6 00	8 00	—	—	—	—	—	—	15
2 60	—	1 13	2 [illegible]	45 00	160 00	—	—	—	—	—	—	17
13 20	—	45	—	18 00		—	—	—	—	—	—	18
—	—	—	—	—	32 00	—	—	—	—	—	—	19
15 40	—	53	1 05	21 00	—	—	—	—	—	—	—	20
13 20	88	46	90	18 00	—	—	—	—	—	—	3 00	21
4 40	1 76	16	32	6 00	56 00	—	—	—	—	—	—	2[illegible]
6 60	—	23	45	9 00	—	—	—	—	—	—	—	24
32 [illegible]	2 64	1 [illegible]	2 72	77 [illegible]	88 00	—	—	—	—	—	—	2[illegible]
—	—	—	—	—	—	—	—	—	—	—	—	26
—	—	—	—	—	—	—	—	—	—	—	—	27
—	—	—	—	—	—	—	—	—	—	—	—	28
—	—	—	—	—	—	—	—	—	—	—	—	29
142 54	4 40	4 81	8 73	189 00	414 00	—	—	—	—	—	3 00	
[illegible]	17 51	[illegible]	✓									
		✓										

SA 068018

MARCH 1980

BLADE COATER BROKE

DATE	UNCOATED	COATED	TOTAL	RED UNCOATED	RED COATED	RED TOTAL
2-25 80	–	104.90	104.90			
26	15.00	51.00	66.00			
27	34.00	84.50	118.50			
28	–	–	–	9.00	21.00	30.00
29	30.00	114.50	144.50			
3-1	38.50	78.00	116.50			
3	–	121.00	121.00			
4	30.00	53.60	83.60			
5	32.00	55.10	87.10	5.50	34.60	40.10
6	–		–			
7	8.00	17.50	25.50			
8	8.00	22.00	30.00			
10	34.80	50.60	85.40			
11	8.00	13.00	21.00			
12	33.50	53.00	86.50			
13	43.00	107.75	150.75			
14	54.00	48.00	102.00			
15	38.00	68.50	106.50			
17	46.50	96.50	143.00			
18	30.00	104.50	134.50	4.50	3.50	8.00
19	33.40	124.45	157.85			
20	21.00	139.00	160.00			
21	–	–	–	20.90	81.35	102.25
22	8.00	14.00	22.00		1.50	1.50
24	41.55	105.65	146.20			
25	30.00	72.00	102.00			
26	39.00	88.00	127.00			
27	31.00	171.50	202.50			
28	52.00	81.10	133.10			
29	16.50	56.30	72.80			
	751.75	2149.05	2900.70	39.90	141.95	181.85

SA 068019

D ARNOLD x 250

APRIL 1980 — MILL "C" CHEMICALS

DATE	ALUM GAL	3960. TK. CLAY	GAL. x 25 SIZE	675B 185 CLINTON +100	753 CLINSIZE	STAZYME J +100	STAYSIZE 112 +100	TITANIUM	ANSILEX	DEFOAMER ~8.09	CP-7 x8.42	680 NALC
3-31-80	6 50	237 60	13 21	-	-	72 00	—	26 25	12 75	15	—	—
4-1-80	9 00	198 00	17 10	-	-	37 00	-	41 50	18 00	15	—	—
2	6 50	277 20	8 25	-	-	120 00	-	47 00	24 25	15	—	—
3	4 50	316 80	6 93	-	-	72 00	-	32 00	18 75	15	—	—
4	12 00	514 80	9 75	-	-	128 00	-	34 00	21 00	15	—	—
5	7 00	396 00	6 38	-	-	136 00	-	18 50	12 00	15	—	—
6	5 00	356 40	8 51	-	-	112 00	-	31 50	18 00	15	—	—
7	6 50	316 80	10 69	—	-	120 00	-	79 00	41 00	15	—	—
8	7 00	237 60	16 54	-	-	84 00	-	38 50	17 00	15	—	—
9	10 50	356 40	19 44	-	-	98 00	-	15 00	5 50	15	—	—
10	5 00	356 40	14 26	—	—	86 00	—	58 00	24 00	15	—	—
11	7 00	396 00	9 36	-	—	—	-	33 00	12 00	15	—	—
12	6 00	396 00	9 04	-	—	—	-	30 00	12 00	15	—	—
13	7 00	316 80	9 65	-	—	—	—	38 25	11 50	15	—	—
14	5 00	356 40	7 10	10 00	-	—	-	23 50	9 00	10	—	—
15	6 00	316 80	8 82	—	—	—	-	34 50	12 00	15	—	—
16	6 50	277 20	10 23	-	—	—	—	42 00	18 50	15	—	—
17	9 00	475 20	10 82	10 00	—	114 00	—	43 00	15 00	15	—	—
18	4 50	475 20	11 20	—	-	—	—	43 00	—	15	—	—
19	7 50	514 80	10 35	-	-	—	-	33 00	5 50	15	—	—
20	9 00	594 00	9 13	-	—	—	—	25 50	20 00	15	—	—
21	10 50	435 60	18 22	-	40 00	—	-	9 00	2 75	15	—	—
22	15 50	514 80	16 55	—	50 00	—	—	25 75	8 00	15	—	—
23	6 50	435 60	9 37	—	20 00	—	—	24 00	9 00	15	—	—
24	8 50	237 60	11 54	—	-	—	—	63 50	31 50	15	—	—
25	6 50	396 00	11 53	—	-	—	-	38 50	21 00	15	—	—
26	5 00	396 00	10 26	—	—	—	—	26 50	10 00	15	—	—
27	7 00	237 60	10 54	—	—	—	—	64 00	31 50	15	—	—
	206 50	10335 60	314 77	20 00	110 00	112 00	—	101 25	441 50	415		—
										33 57		

SA 068020

680 NALCO	PARAMEL +.08	ALUM-ON-TANK	CLAY TANK	DOUGLAS STARCH x100	NOPCO FLOC 224	STAEVME GA	NALCO 7651
–	120.00	3	30.00	–	–	–	25
–	287.20	4	23.00	–	–	–	30
–	5.00	3	37.00	–	–	–	15
–	–	2	31.00	–	15	–	–
–	–	5	50.00	–	20	–	–
–	–	3	44.00	–	15	–	–
–	–	2	41.00	–	15	–	–
–	–	3	36.00	–	15	–	–
–	277.00	3	28.00	–	30	–	–
–	383.60	5	37.00	–	45	–	–
–	141.00	2	41.00	–	15	54.00	–
–	–	3	41.00	–	20	132.00	–
–	–	3	41.00	–	15	120.00	–
–	–	3	33.00	–	30	132.00	–
–	–	2	44.00	–	15	106.00	–
–	–	2	36.00	–	30	112.00	–
–	–	2	36.00	–	40	84.00	–
–	–	4	51.00	–	10	–	
–	–	2	53.00	–	30	156.00	–
–	–	3	54.00	–	15	168.00	–
–	–	4	66.00	–	30	192.00	–
–	247.00	5	50.00	–	45	52.00	–
–	542.40	7	57.00	–	15	52.00	–
–	–	3	40.00	–	30	120.00	–
–	–	4	34.00	–	15	108.00	–
–	–	3	13.00		20	108.00	–
–	–	2	50.00		15	132.00	–
–	–	3	20.00	–	20	108.00	–
–	2,03.20	90	1117.00	–	565	1936.00	70
	160.00	x220					
		19,800					
		4,[illegible]					
		109,910					

CAR DIKERTS

DRIL 1980

MILL "D" CHEMICALS

DATE	GLUE	SIZE 120 TK	C-7 gal	112 [illegible]	CLINCO 65	TITANIUM	71-M NALCO	CLAY COUNTER	SODIUM ALUMINATE
-31-80	98	4.20	-	48.00	24.00	42.50	-	5	1
1-1-80	98	6.00	-	80.00	64.00	90.00	-	3	1
2	98	4.80	-	32.00	44.00	57.50	-	3	1
3	98	3.50	-	-	128.00	112.50	-	4	1
4	49	4.20	-	-	96.00	100.00	-	4	-
5	49	6.60	-	-	120.00	110.00	-	4	-
6	49	4.20	-	-	240.00	100.00	-	3	-
7	49	7.80	-	-	128.00	110.00	-	2	-
8	49	7.60	-	-	96.00	100.00	-	3	-
9	49	6.20	-	-	128.00	100.00	-	4	-
10	49	4.20	-	32.00	80.00	102.50	-	3	-
11	34	4.80	-	96.00	96.00	127.50		65	10
12	49	4.80	-	112.00	56.00	136.50	-	4	2
13	38	4.80	-	86.00	56.00	148.50	-	5	-
14	41	7.20	-	15.00	128.00	119.50	-	4	1
15	147	6.00	-	-	160.00	148.50	-	6	-
16	48	6.00	-	-	144.00	125.50	-	4	1
17	147	6.00	-	-	80.00	103.00	-	4	1
18	49	4.20	-	-	112.00	125.00	-	3	-
19	49	5.40	-	-	112.00	125.00	-	4	-
20	49	4.80	-	-	112.00	125.00	-	3	-
21	49	5.40	-	-	176.00	125.00	-	2	-
22	49	4.20	-	-	206.00	125.00	-	3	-
23	49	4.20	-	-	198.00	125.00	-	2	-
24	49	7.80	-	-	90.00	125.00	-	2	-
25	244	3.60	-	-	160.00	57.50	-	16	1
26	48	3.60	-	-	232.00	70.00	-	5	1
27	98	4.20	-	-	118.00	70.00	-	5	1
	1972	146.80		50.100	3394.00	3006.50			22

175
5400
945000

CLAY ROTO DIP USAGE (GALLONS)

DATE	#5	#6	TOTAL
3-31-80	14.79	16.19	30.98
4-1	32.48	29.11	61.59
2	21.55	12.36	33.91
3	25.40	20.20	45.60
4	36.21	41.67	77.88
5	33.73	13.05	46.78
6	25.59	12.57	38.16
7	41.50	8.63	50.13
8	29.64	21.64	51.28
9	41.66	28.32	69.98
10	25.85	26.69	52.54
11	26.20	23.04	49.24
12	20.96	17.44	38.40
13	21.66	30.42	52.08
14	5.96	13.00	18.96
15	37.78	9.05	46.83
16	16.83	16.99	33.82
17	28.77	38.36	67.13
18	44.19	28.16	72.35
19	50.40	33.02	83.42
20	59.08	30.24	89.32
21	42.62	35.01	77.63
22	28.57	37.45	66.02
23	22.34	35.46	57.80
24	18.96	11.31	30.27
25	25.02	25.08	50.10
26	22.56	39.15	61.71
27	12.50	11.59	24.09
	812.80	665.20	1478.00

RED B&P	AMMONIA	SALT	BORAX	NOPCO 178	FORMALDENHOE	PRO-COTE PROTEIN	NOPCO 1407	ALC
	7.27							
–	210	–	150	–	250	4000	250	–
–	168	–	120	–	200	3200	240	–
–	210	–	150	–	250	9000	300	1
2	210	–	150	–	250	4000	300	–
–	210	–	150	–	250	4000	400	–
–	189	–	135	–	225	3600	270	½
–	147	–	105	–	175	2800	250	–
–	105	–	75	–	125	2000	200	–
2	[illegible]	–	1035	–	1725	[illegible]	2210	1½
	10534					32600		557

HARRY VOGIER EXT 202 & 205

APRIL 1980

MILL "E" CHEMICALS

DATE	SOY FLOUR	H.T. CLAY	CASEIN	H.T. CLAY TK	CAMIL WITE	CAUSTIC SODA	LATEX DOW 620	LATEX 636	TSPP	ULTRA BLUE	PAREZ RESIN
3-31 80	-	-	-	250 00	130	100	60 00	-	150	-	-
4-7,8-80	-	-	-	200 00	104	-	48 00	-	56	-	-
9,10	-	-	-	250 00	130	-	60 00	-	70	-	-
11-14	-	-	-	250 00	130	40	60 00	-	70	-	-
15-16	-	-	-	250 00	130	-	60 00	-	70	-	-
17-18	-	-	-	225 00	117	40	54 00	-	145	-	-
21-23	-	-	-	175 00	91	-	42 00	-	49	-	-
24-25	-	-	-	125 00	65	50	30 00	-	35	-	-
	-	-	-	1725 00	897	230	414 00	-	[illegible]	-	
							207 00				

SA 868825

REZ RESIN	RED B&P		7.27 AMMONIA	SALT	BORAX	NOPCO 178	FORMALD-ENVOE	PRO-COTE PROTEIN	NOPCO 1407	ALC
–	–		2 10	–	1 50	–	2 50	40 00	2 50	–
–	–		1 68	–	1 20	–	2 00	32 00	2 40	–
–	–		2 10	–	1 50	–	2 50	90 00	3 00	1
		2	2 10	–	1 50	–	2 50	40 00	3 00	–
–	–		2 10	–	1 50	–	2 50	40 00	4 00	–
–	–		1 89	–	1 35	–	2 25	36 00	2 70	½
–	–		1 47	–	1 05	–	1 75	28 00	2 80	–
–	–		1 05	–	75	–	1 25	20 00	2 00	–
–		2	14 49	–	10 35	–	17 25	[illegible]	22 40	1½
			105 34					32600		557

MACH 586
MILL C
APRIL 1980

PULP USED IN HYDRPULPER

DATE	KAMLOOPS	EDDY HW	ASW	MARATHON	PULP SUB	CELGAR	SOUTHWEST FORREST HW	SW FOURNT SW	PR GELADE	GO PRAIRIE	TOTAL
3-31-80	91	45	63	99	19	–	–	–	–	–	31
4-1	80	22	18	175	–	10	–	–	–	–	30
2	–	16	168	–	42	80	–	–	–	–	30
3	–	12	181	–	–	90	–	–	–	–	28
4	–	–	152	6	34	126	36	–	–	–	[illegible]
5	–	–	89	45	–	120	49	42	–	–	34
6	–	–	119	43	26	144	17	36	–	–	38
	171	95	790	[illegible]	[illegible]	570	[illegible]	78	–	–	[illegible]
7	–	–	–	184	62	–	16	–	119	–	38
8	–	–	21	230	69	–	–	–	–	58	40
9	–	–	84	220	44	–	–	–	–	–	40
10	–	–	223	65	30	–	–	–	–	–	43
11	–	–	168	68	–	–	–	–	–	–	32
12	–	–	156	108	–	–	–	–	–	–	36
13	106	–	184	–	–	–	–	–	–	–	35
	106	–	836	875	205	–	16	–	[illegible]	[illegible]	26
14	122	–	–	–	–	–	–	–	–	–	17
15	15	–	144	20	–	–	–	–	–	–	39
16	–	–	220	–	27	–	–	–	–	150	39
17	–	–	190	–	6	–	–	–	–	132	32
18	–	–	–	–	–	–	–	–	–	156	38
19	–	–	194	–	–	–	–	–	24	150	37
20	–	–	14	–	–	–	–	–	72	–	38
	137	–	762	20	33	–	–	–	[illegible]	[illegible]	
21	–	–	50	–	–	–	–	–	–	–	35
22	–	–	123	–	44	–	–	–	–	–	33
23	–	–	176	17	38	8	–	–	–	–	33
24	–	–	34	4	36	87	–	–	–	–	30
25	–	–	116	38	46	63	–	–	–	–	34
26	–	–	219	38	28	76	–	–	–	–	36
27	–	–	84	107	22	44	–	–	–	25	28
	–	–	802	204	214	278	–	–	–	[illegible]	[illegible]
	414	95	2190	1462	572	840	119	78	215	[illegible]	[illegible]

SA 068027

TAL	AHW	SUPERIOR	DRYDEN	CROSSBOW	INTERCOM	PRINCE ALBERT
317	–	–	–	–	–	–
305	–	–	–	–	–	–
306	–	–	–	–	–	–
283	–	–	–	–	–	–
354	–	–	–	–	–	–
345	–	–	–	–	–	–
385	–	–	–	–	–	–
[illegible]			–	–		–
381	–	–	–	–	–	–
403	25	–	–	–	–	–
402	54	–	–	–	–	–
438	120	–	–	–	–	–
320	84	–	–	–	–	–
367	103	–	–	–	–	–
356	66	–	–	–	–	–
2667	1[illegible]	–	–	–	–	–
176	–	54	–	–	–	–
392	–	218	–	–	–	–
397	–	–	–	–	–	–
328	–	–	–	–	–	–
386	230	–	–	–	–	–
377	–	–	9	–	–	–
385	–	–	229	30	48	–
346	230	272	238	30	40	–
359	–	–	75	106	–	128
334	–	–	–	95	–	22
337	–	88	–	10	–	–
306	23	122	–	–	–	–
344	17	64	–	–	–	–
361	–	–	–	–	–	–
282	–	–	–	–	–	–
2323	40	274	75	211	–	200
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

SA 868028

MACH 7,8,9
MILL D
APRIL 1980

PULP USED IN HYDRAPULPER

DATE	MARATHON	CELGAR	SUPERIOR	PA	CARIBO	AMW	DRYDEN	CRESTBROOK	EDW	HW	DOMTAR	TOTAL
3-31	208	52	84	16	–	–	–	–	–	–	–	3[illegible]
4-1	260	100	–	96	–	–	–	–	–	–	–	4 5[illegible]
2	168	52	–	–	180	92	–	–	–	–	–	1 9[illegible]
3	–	4	–	–	34	94	132	74	22	–		366
4	–	–	–	–	–	104	–	304	–	–		40[illegible]
5	–	–	–	–	–	–	–	324	–		84	480
6	–	–	–	–	–	–	–	–	–		312	46[illegible]
	636	[illegible]	[illegible]	112	214	[illegible]	132	[illegible]			3[illegible]	
7	–	–	–	–	–	–	–	–	–		12	50[illegible]
8	–	–	–	–	–	–	96	–	–		–	55[illegible]
9	–	–	–	–	–	–	240	–	–		–	4 2[illegible]
10	–	–	88	–	–	–	64	–	–		–	3 8[illegible]
11	–	–	216	–	–	–	–	–	–		–	4 2[illegible]
12	–	–	348	–	–	–	–	–	136		–	4 8[illegible]
13	–	–	378	–	–	102	–	–	–		–	4 8[illegible]
	–	–	1026	–	–	102	420	–	136		12	32[illegible]
14	–	108	216	–	–	–	–	–	–		–	5 0[illegible]
15	72	146	–	–	–	–	–	–	–		64	38[illegible]
16	104	120	–	–	–	28	–	–	–		–	39[illegible]
17	–	110	16	8	–	76	–	–	–		–	4 2[illegible]
18	–	42	98	36	–	112	–	–	–		–	33[illegible]
19	–	–	174	48	–	120	–	–	–		–	43[illegible]
20	–	–	–	80	–	0	–	–	–		–	36[illegible]
	176	526	504	172	–	336	–	–	–		61	[illegible]
21	–	–	–	80	–	32	–	–	–		–	36[illegible]
22	–	–	–	8	–	72	–	–	–		–	3 4[illegible]
23	80	–	–	–	–	100	–	64	–		–	42[illegible]
24	74	148	–	–	–	48	–	138	–		–	46[illegible]
25	–	54	–	–	–	96	–	4	–		–	4 3[illegible]
26	–	58	32	–	–	126	–	164	–		–	38[illegible]
27	–	16	256	–	–	92	–	–	–		–	4 4[illegible]
	154	276	288	88	–	560	–	370	–		–	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	522	1072	158		472	1195[illegible]

SA 068029

TAL	GO PRIACE	EDDY	ASCO	KAMLOOP	PRINCE GEORGE
360	–	–	–	–	–
456	–	–	–	–	–
492	–	–	–	–	–
360	–	–	–	–	–
408	–	–	–	–	–
480	72	–	–	–	–
468	156	–	–	–	–
324	228	–	–	–	–
504	–	492	–	–	–
552	–	456	–	–	–
420	24	–	156	–	–
384	–	–	232	–	–
420	–	–	204	–	–
480	–	–	–	–	–
480	–	–	–	–	–
2240	24	948	592		–
504	12	–	–	168	–
384	54	–	–	5	–
396	48	32	64	–	–
420	54	162	–	–	–
336	42	6	–	–	–
432	–	90	–	–	–
360	–	30	92	152	–
2832	210	320	156	368	–
360	–	88	152	5	–
348	–	80	188	–	–
420	–	16	160	–	–
468	46	–	20	–	–
432	6	–	272	–	–
384	–	–	4	–	–
444	–	–	–	–	80
2856	52	184	796	8	80
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	80

SA 068030

MACH 5&6
MILL C
APRIL 1980

CHEMICALS USED IN BEATERS

DATE	ALUM #	SIZE #	CLAY gal	ANSILEX	SCM [1]	NALCO 680	TITANIUM [2]	ZEALEX	TI-PURE [3]	DU-PONT	TOTAL
3-31-80	2.18	8.51	37.00	12.75	–	–	11.25	–	–		86.69
4-1	3.15	13.88	–	18.00	–	–	–	–	–	–	76.53
2	2.63	6.69	49.00	25.75	47.00	–	–	–	–	–	131.07
3	2.63	5.54	35.00	18.75	32.00	–	–	–	–	–	93.92
4	3.55	7.30	97.00	21.00	–	–	34.00	–	–	–	162.8[illegible]
5	2.00	5.68	83.00	12.00	–	–	18.50	–	–	–	121.18
6	3.00	6.25	76.00	18.00	–	–	31.50	–	–	–	134.75
	19.14	153.85	377.00	126.25	79.00	–	95.25	–	–	–	206.99
7	3.00	9.25	55.00	41.00	46.00	–	33.00	–	–	–	187.25
8	2.50	14.00	22.00	17.00	–	–	38.50	–	–	–	94.00
9	2.75	14.63	25.50	6.50	–	–	15.00	–	–	–	64.38
10	3.00	12.00	64.00	24.00	–	–	58.00	–	–	–	161.00
11	3.00	6.18	70.00	12.00	–	–	33.00	–	–	–	124.18
12	3.00	6.30	78.00	12.00	30.00	–	–	–	–	–	129.30
13	2.88	6.71	78.25	11.50	28.75	–	–	–	–	–	128.09
	20.13	69.07	392.75	124.00	104.75	–	177.50	–	–	–	[illegible]
14	2.25	4.18	50.00	9.00	–	–	24.00	–	–	–	89.43
15	10.25	7.30	65.00	12.00	–	–	34.50	–	–	–	129.05
16	7.95	7.22	46.00	18.50	–	–	52.00	–	–	–	131.67
17	3.50	8.45	55.00	15.00	–	–	43.00	–	–	–	124.45
18	4.20	9.25	79.00	–	–	–	43.00	–	–	–	130.45
19	4.20	9.25	74.00	5.60	–	–	–	–	–	–	126.45
20	3.85	7.93	84.00	20.00	–	–	26.50	–	–	–	142.28
	36.20	53.58	448.00	80.00	–	–	223.00	–	–	–	874.2[illegible]
21	2.98	16.18	45.00	2.75	–	–	3.50	–	–	–	75.91
22	2.63	15.13	47.00	8.00	–	–	24.50	–	–	–	98.51
23	2.25	6.65	62.00	9.00	–	–	10.50	–	13.50	–	103.90
24	2.50	9.63	42.00	31.50	–	–	63.50	–	–	–	149.13
25	2.50	9.13	58.00	21.00	–	–	38.50	–	–	–	129.13
26	2.50	10.58	70.00	10.00	–	–	15.00	–	11.50	–	119.58
27	2.50	9.15	48.00	31.50	–	–	4.50	–	59.50	–	155.15
	17.86	76.45	37,200	113.75			160.00		84.50		831.31
	93.33	252.95	158,975	444.00	183.75		65,575		84.50		340,078

SA 068031

CHEMICALS AT W. S. PULPERS MI

TOTAL	Ax 4	ALPHA SIZE	WDB 5	DATE	DRY ALUM
86.69	15.00	–	–	3-31	9.00
76.53	41.50	–	–	4-1	10.00
131.07	–	–	–	2	12.00
83.92	–	–	–	3	8.00
162.85	–	–	–	4	7.00
121.18	–	–	–	5	6.00
134.75	–	–	–	6	10.00
206.99	56.50	–	–	7	10.00
187.25	–	–	–	8	12.00
94.00	–	–	–	9	10.00
64.38	–	–	–	10	12.00
161.00	–	–	–	11	10.00
124.18	–	–	–	12	11.00
129.30	–	–	–	13	11.00
128.09	–	–	–	14	13.00
138.20	–	–	–	15	10.00
89.43	–	–	–	16	10.00
129.05	–	–	–	17	6.00
131.67	–	–	–	18	10.00
124.95	–	–	–	19	10.00
130.45	–	–	–	20	10.00
126.45	–	–	33.50	21	8.00
142.28	–	–	–	22	9.00
87.4 23	–	–	33.50	23	10.00
75.91	–	–	5.50	24	10.00
98.51	–	–	1.25	25	10.00
103.90	–	–	–	26	9.00
149.13	–	–	–	27	11.00
129.13	–	–	–		274.00
119.58	–	–	–		
155.15	–	–	–		
331.31			6.75		
240.078	56.50		40.75		

SA 068032

MACH 7,889
MILL D
APRIL 1980

CHEMICALS USED IN BEATER

DATE	ALUM #	SIZE #	CLAY	ANSILEX	SCM ①	NALCO 600	AX ②	TI-PURE ③	TITANIUM	TOTAL	ZEA
3-31	28 58	28 54	95 35	22 25	–	1 90	–	–	–	218 68	–
4-1	33 15	28 38	82 50	40 75	–	1 76	–	30 00	–	255 59	–
2	33 80	29 20	74 90	41 00	–	1 74	–	24 50	–	221 [illegible]	–
3	28 75	17 53	106 10	52 25	22 50	2 72	21 00	–	–	315 [illegible]	–
4	30 10	21 08	83 00	17 50	–	2 88	–	–	–	193 [illegible]	–
5	37 03	22 86	102 20	23 25	–	3 29	–	17 50	–	206 13	
6	39 95	20 68	129 40	80 00	–	3 50	–	–	–	339 [illegible]	–
	[illegible]	162 27	673 45	277 00	22 [illegible]	17 [illegible]	21 [illegible]	[illegible]	–	[illegible]	–
7	30 80	30 50	67 30	58 50	–	2 04	–	–	–	291 54	–
8	35 40	34 05	77 40	37 00	37 50	1 95	–	–	–	263 64	–
9	26 56	17 90	110 50	21 25	–	2 41	–	–	–	233 39	–
10	26 40	17 50	131 00	22 50	–	2 64	–	–	–	256 04	–
11	27 65	17 28	140 70	45 00	–	3 00	39 50	–	–	354 13	–
12	29 35	19 65	93 90	66 50	–	3 12	–	–	–	356 02	–
13	32 25	28 73	70 22	76 50	–	3 03	–	–	–	364 23	–
	208 41	165 61	691 02	327 25	37 50	18 19	39 50	–	–	211 [illegible]	–
14	36 40	39 13	81 05	47 25	64 50	2 06	–	–	–	315 89	–
15	24 60	22 25	62 40	60 50	–	1 98	–	–	–	298 23	–
16	26 95	24 48	70 15	57 50	–	2 69	–	–	–	306 27	
17	28 00	30 93	58 50	49 00	–	2 61	–	–	–	263 04	–
18	20 30	18 63	74 50	50 50	–	2 19	–	4 00	–	249 12	–
19	28 08	24 92	103 48	28 50	–	2 66	–	9 00	–	241 47	–
20	23 10	21 75	85 60	44 50	–	2 25	–	18 00	–	282 70	–
	188 43	182 09	535 68	337 75	64 50	16 64	–	31 00	–	[illegible]	–
21	32 20	22 00	130 50	59 50	–	2 55	–	26 00	–	365 75	–
22	27 30	17 10	102 50	56 50	9 00	1 41	–	34 00	–	319 81	–
23	30 60	19 40	126 00	34 00	79 00	3 12	22 50	2 00	–	326 12	–
24	36 00	36 30	116 50	56 50	43 00	3 15	–	–	–	324 95	–
25	26 85	23 10	123 00	52 00	39 50	3 06	–	–	30 00	314 51	–
26	24 00	18 30	78 00	69 50	36 00	2 67	–	–	–	260 97	–
27	30 38	20 03	109 60	78 25	64 00	3 08	–	–	–	305 84	
	207 33	156 23	785 10	406 75	270 50	19 04	22 50	62 00	30 00	2217 95	
	830 53	672 20	2685 25	1348 75	395 00	71 [illegible]	[illegible]	[illegible]			

5A 068033

ZEALEX	WDB	AS	UNITALE
–	41 88	15	
–	38 75	30	
–	16 00	38	
–	65 00	–	
–	39 00	–	
–	–	–	
–	70 75	–	
–	271 [illegible]	86	
–	102 00	40	
–	39 00	134	
–	54 50	27	
–	56 00	–	
–	81 00	–	
–	143 50	–	
–	153 50	–	
–	627 [illegible]	201	
–	45 50	–	
–	126 50	–	
–	124 50	–	
–	94 00	–	
–	79 00	–	
–	43 63	–	
–	87 50	–	
–	607 [illegible]	–	
–	93 00	–	
–	72 00	–	
–	10 50	–	
–	33 50	–	
–	6 50	–	70 50
–	32 50	–	–
–	–	–	–
	248 00		10 50
	1711 [illegible]	[illegible]	10 50

JACK SHOCKLEY
NO R&D TRIALS

APRIL 1980 3.98 # 8.18 # # BLADE COATER CHEMICALS #

DATE	LATEX 673	DEFOAMER DF 122	DC-111	KELGIN H.V.	TSPP	CLAY HIT. WET 10	AMMONIA 727	UVITEX	CAMIL WITE	LATEX 6107	PG-20
3-31-80	6 60	28	32	1 00	73	23 49	32	—	—	—	—
4-1	4 95	12	24		51	14 10	38	—	—	—	—
2	—	84	—	—	35	32 83	56	—	3 50	—	—
3	11 60	76	40	—	15	22 58	74	—	31 50	—	50 00
7	28 15 8 68	1 40 76	48 40	1 75 60	1 70 89	42 60 48 95	1 84 64	1 36	35 00	—	50 00 —
8	—	56	—	—	20	27 06	52	—	12 00	—	—
9	—	—	—	—	—	—	—	—	—	—	—
10	—	84	—	—	35	33 23	56	—	6 50	—	5 00
11	—	48	—	—	20	18 76	32	—	2 00	—	—
12 & 13	21 70	40	1 00	1 50	1 60	62 50	60	9 40	—	—	—
14	4 34	68	20	30	57	35 95	52	68	2 50	—	—
15	—	48	—	—	20	18 76	32	—	2 00	—	—
16	—	60	—	—	25	23 45	40	—	2 50	—	—
17	—	52	—	—	20	22 91	42	—	7 00	—	—
18	1 50	24	12	—	—	2 55	15	—	15 00	—	15 00
19	17 02	56	92	90	96	44 30	76	2 04	24 00	—	40 00
21	13 02	24	60	90	96	37 50	36	2 04	—	—	—
22	8 68	16	40	60	64	25 00	24	1 36	—	—	—
23	10 85	20	50	75	80	31 25	30	1 70	—	—	—
24	8 68	16	40	60	64	25 00	24	1 36	—	—	—
25	—	36	—	—	—	9 70	36	—	15 00	—	—
26	—	32	—	—	—	16 60	42	—	20 00	—	—
27	4 34	8	20	30	32	12 50	12	68	—	—	—
	121 96	9 64	5 70	7 45	10 52	53 47	9 25	14 62	142 50	—	110 00
	485 40		46 63			584 70	67 25				

PG-208	74-B PENCOR	STAYSIZE 12	CLINSIZE 703	NOPCOSIDE 100	CALGON T	GLYCERINE	NOPCOSAN K	CELLO-LOSE	CMC-7L	SCRIPTSET 720	FC-807	239 ATLAS
—	—	24 00	—	—	—	—	—	—	—	—	—	—
—	—	28 00	—	—	—	—	—	—	—	—	—	—
—		32 60	—	—	—	—	—	—	—	—	—	—
50 00	—	84 00	—	20	30	—	18	—	—	—	—	—
50 00	—	32 00	—	—	—	—	—	—	—	—	—	—
—	—	20 00	—	—	—	—	4	—	—	—	—	—
—	—	8 00	—	—	—	—	—	—	—	—	—	—
5 00	—	—	—	—	3	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	12 00	—	—	—	—	—	—	—	—	—	—
—	—	28 00	—	—	—	—	—	—	—	—	—	—
—	—	12 00	—	—	—	—	—	—	—	—	—	—
—	—	16 00	—	—	—	—	—	—	—	—	—	—
—	—	25 00	—	—	—	—	3	—	—	—	—	—
15 00	—	—	—	12	9	—	3	—	—	—	—	—
40 00	—	—	—	16	24	—	8	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	6 00	—	—	—	—	—	—	—	—	—	—
—	—	24 00	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	6	—	—	—	—	—
—	—	—	—	—	—	—	10	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—
110 00	—	267 00	—	48	66	—	44	—	—	—	—	—
							4 40					

630 LATEX	722 LATEX	BERSET	BORAX	LU PROTEIN	SODIUM NITRATE	ELUANOL
4.33	3.98	9.09	≠	≠	≠	≠
220	–	7	15	3 00	48 00	–
–	–	–	–	–	56 00	–
15 40	–	53	105	21 00	64 00	–
~~1100~~	–	~~22~~	~~45~~	~~9 00~~	~~100 00~~	–
11 00	–	~~87~~	~~165~~	1000	64 00	–
1320	1 76	46	91	22 00	40 00	–
–	–	–	–	–	16 00	–
15 40	–	53	1 05	21 00	–	–
880	–	30	60	12 00	–	–
–	–	–	–	–	24 00	–
11 00	–	37	75	15 00	56 00	–
8 80	–	30	60	15 00	24 00	–
11 00	–	38	75	15 00	32 00	–
11 00	88	38	75	15 00	8 00	5 25
–	–	–	–	–	–	–
–	–	–	–	–	–	–
–	–	–	–	–	–	–
–	–	–	–	–	–	–
–	–	–	–	–	–	1 50
–	–	–	–	–	–	6 00
6 60	3 87	24	45	9 00	–	–
8 80	3 52	32	62	12 00	–	–
–	–	–	–	–	–	–
123 30	10 03	410	816	179 00	432 00	12 75
533 46	39 72	37 27				

SA 068837

April 1980

Blade Coater Broke

Date	Uncoated	Coated	Total	Red Trial Uncoated	Red Trial Coated	Red Trial Total
3-31-80	27 00	96 00	123 00			
4-1 80	29 25	106 70	135 95			
2	29 00	93 80	122 80			
3	6 00	71 00	77 00	3 00	9 00	12 00
7	21 75	89 00	110 75			
8	33 00	134 50	167 50	-	27 00	27 [illegible]0
9	-	-	-	-	29 50	29 50
10	27 70	120 40	148 10			
11	27 00	135 30	162 30			
12	33 50	144 50	178 00			
13	32 50	30 75	63 25			
14	10 00	66 10	76 10			
15	15 00	76 80	91 80	-	24 00	24 00
16	31 70	102 50	134 20			
17	4 75	136 50	143 25	-	10 00	10 00
18	16 00	24 50	40 50	39 30	37 00	76 30
19	132 50	115 00	247 50			
21	18 50	99 00	117 50			
22	55 50	69 00	124 50			
23	24 00	60 50	84 50			
24	22 00	84 50	106 50			
25	19 00	50 00	69 00			
26	14 00	84 65	98 65			
27	9 00	234 00	243 00			
	638 65	2227 00	2865 65	42 [illegible]	[illegible]	178 [illegible]

SA 068038

ED ARNOLD x250

MAY 1980 X x100 MILL "C" CHEMICALS x100 x8.09 x8.42

DATE	ALUM.	3960 TK CLAY	GAL. x125 SIZE	675B CLINTON	IBS	753 CLINSIZE	STAZYME J. x100	STAYSIZE 112	TITANIUM	DEFORMER	ANSILEX	CP-7
4/28	6.50	27720	10.04	—		—	—	—	34.25	10	32.50	—
29	6.50	47520	9.50	—		—	—	—	22.50	15	11.00	—
30	"											

SA 868839