ALASKAN COPPER CO.
WEEKLY EFFLUENT REPORT FOR 3200 6th ave. s.

starting date Dec 5

Technician Mark & Derek

Ending date Dec 12

TOTAL NUMBER OF GALLONS USED.
CAUSTIC - x1.7 - WEEKLY.

BARRELL MONITOR IN INCHES. 25.75 = 2376

Monday

BD BIR
CD GPH
BI BskT
DR Hoppers
CK BetA
CI FI M
DBBI CK PH
CL AR

2000. +

1500. +

1,441

TUESDAY

complete all duties

1000. +

638

500. +

327

WEDNESSDAY

Completed all duties

+

	MON	TUE	WED	THU	FRI
CYCLES.	10	1	9	9	8
DAILY INCHES	25	24.75	23.5	23.0	22.
HOPPER A pH.	11.5	11.5	8.9	10.5	12.
HOPPER B pH.	11.0	11.0	11.0	10.5	10.5

THURSDAY

Completed all duties

FRIDAY

completed all duties

	TIME	CAUSTIC	(1.7)	FLOC LEVEL	PH-READING SUMP A	PH-READING SUMP B	PH-PAPER SUMP A	PH-PAPER SUMP B	FLOWMETER	CYCLES	SAMPLE ID	HOPPER B	HOPPER A
12-5-88	7:30	25.75		20.0	11.0"	8.0"	11.0		"000"	6	/	10.0	11.0
	3:30	25.75		20.0	11.0	11.0	—	11.0	186	6	/	11.0	11.0
MONDAY	12:30												
12-6-88	7:30	25.0		20.0	11.5	10.0	10	8.5	638	10	7.30	9.0	10.0
	3:30	250		20.0	12.0	10.8	10.0	10.0	87	1	2.00 PM	10.0	10.0
TUESDAY	12:30	26.0		20.0	11.5	11.0	10.0	10.0	250	1	11.50 PM	10.0	10.0
12-7-88	7:30	25.0		20.0	11.4	11.4	5.0	11.0	322	1	/	11.0	11.0
	3:30	25.0		20.0	11.5	10.8	/	11.0	348	1	/	11.0	11.0
WEDNES	~~12:45~~												
	7:30	23.5		20.0	9.0	10.8			1428	9	7.30	10.8	9.0
	3:30	23.25		20.0	10.5	10.5		10.0	758	1	2.00 PM	10	11
THURS	~~12:45~~			20	11.0	11.0		10.0	624	1	11.45 PM	10.0	10.0
	7:30	22.0		16.5	10.5	10.8	9.0		2224	3	/	10.0	9.0
	3:30	22.5		14.5	12.0	11.0	1.0	10.0	"00"	2	/	10.0	10.0
FRIDAY	~~12:45~~	21.0		13.0	11.0	11.0	10.0	10.0	624	2	11.45	10.0	10.0

2224		
1428		
638		
322		

TANK LEVEL = 46" 12/5
TANK LEVEL = 54" 12/6
TANK LEVEL "52" = 50" 12/7 ⊛
TANK LEVEL = 52" 12/8
TANK LEVEL = "50" 12/9

AKC-0015262

ALASKAN COPPER CO.
WEEKLY EFFLUENT REPORT FOR 3200 6th ave. s.

starting date Dec 13

Technician Mark/RAphAEL

Ending date Dec 20

TOTAL NUMBER OF GALLONS USED.
CAUSTIC - x1.7 - WEEKLY.

BARRELL MONITOR IN INCHES. 22.0 = _____

Monday
Refilled Beta Floc
Drain Hoppers + R.D.
Bl out Flowmeter
Bl down Boiler
Cl catch Basket
Cl AREA
DBBl ck Ph

2000. +

1500. +

1333

TUESDAY
DR HPRS
BF Flw MTR
BD BIR
Cl BSKt
DBBlck ph
CK Clock

Dated chart

1000. +

727

607

500. +

?

WEDNESSDAY
completed All duties
Pumped out Sump
A + B. + Rinse
Down

+

	MON	TUE	WED	THU	FRI
CYCLES.	2	5	4		8
DAILY INCHES	21.5	21.0	20.25	19.5	18.25
HOPPER A pH.	9.9	10.5	10.5	11.5	10.0
HOPPER B pH.	10.2	11.5	10.5	11	10.0
Beta Floc	26"	15.5	9.6	26.5	31.00

THURSDAY
Completed All Duties
Refilled Beta

FRIDAY
completed All duties

	TIME	CAUSTIC	(1.7)	FLOC LEVEL	PH-READING SUMP A	PH-READING SUMP B	PH-PAPER SUMP A	PH-PAPER SUMP B	FLOWMETER	CYCLES	SAMPLE ID	PH-Paper HOPPER B	PH-Paper HOPPER A	
12/12/88	7:30	22.0		Refill 0" 32.0	12.4	10.6	1	10.6	"0"	8	/	11.0	12.0	
	3:30			CLEANED		BOTH		SUMPS.						
MONDAY	11:30	18.0		12.0	10.4	9.0		10.0	243	1	11:45 AM	10.0	11.0	(*)
12/13/88	7:30	21.5		26.0	9.8	10.4	/	9.5	722	2	7:30 AM	10.0	10.0	
	3:30	21.25		23.0	10.0	9.8	/		021	1	2:00 PM	9.0	10.0	
TUESDAY	11:30										/			
12-14	7:30	21.0		15.5 ~~21.0~~	12.0	10.8	11.0		021	5	/	10.0	10.0	
	3:30	20.5		13.0	12.0	10.8		11.0	161	2	/	11.0	11.0	
WEDNES	11:30	19.0		12.0	12.0	11.0			042	8	11:45	11.0	11.0	
12-15	7:30	20.25		31.0 ~~32~~	11.0	10.8	/	11.0	607	4	7:30 AM	10.5	10.6	
	3:30	20.20		30	11.8	10.5	/	10.0	297	5	2:00 PM	10.0	10.0	
THURS	11:30													
12-16	7:30	19.5		26.5	10.8	10.5	7	11.0	1353	9	/	11.0	11.0	
	3:30	19.25		24.0	12.4	10.0	/	9.5	203	"1"		9.5	9.5	
FRIDAY	11:30													

TANK LEVEL = 46.5 12/12/88
· Filled with RINSE WATER TO 54"

TANK LEVEL = 51 . 12/15/88
% ACID = 6.6%

TANK LEVEL = 47 12/16/88
% Ac = 8.6%

AKC-0015264

ALASKAN COPPER CO.
WEEKLY EFFLUENT REPORT FOR 3200 6th ave. s.

starting date 12-19-88

Technician Mark Smith

Ending date 12-26-88

TOTAL NUMBER OF GALLONS USED.
CAUSTIC - x1.7 - WEEKLY.

BARRELL MONITOR IN INCHES. 18.5 - _____ = _____

Monday

Bl. dn. Boil 2000. +
cl, Ou. C Bask
Bl, ou. F1 M
DBBl ch P.h. A+B 1500. +
Rin + Drai Mopps
CL. AR
RF BPF

TUESDAY

completed all duties 1000. +

500. +

WEDNESSDAY

completed all duties

	MON	TUE	WED	THU	FRI
	+36	00		~~36~~	36
CYCLES.	2	3	3	H	4
DAILY INCHES	18	17.5	17"	o	16.5
HOPPER A pH.	9.5	11.25	~~11.5~~ 11.0	l	12.5
HOPPER B pH.	10.	11.	10.9	d	11.5
Beta Floc	23.	17.	11.5	a y	2

THURSDAY

Dated chart
BD BIR
ck ck
Bl Hoses
Dr Hots
completed all Duties

FRIDAY

completed all duties
Re Filled Beta Floc

	TIME	CAUSTIC	(1.7)	FLOC LEVEL	PH-READING SUMP A	SUMP B	SUMP A	PH-PAPER SUMP B	FLOWMETER	CYCLES	SAMPLE ID	PH-Paper HOPPER B	HOPPER A
12-19	7:30	18.25		31.0	10.0	10.5	/	10.0	203	8	/	10.0	10.0
	3:30	18.25		29.0	11.8	10.5	/	10.0	"34"	"0"	/	10.5	10.5
MONDAY	11:30				1								
12-20	7:30	18.0		23.0	11.5	10.5	/	10.0	"34"	2	7.30 AM	9.0	9.0
	3:30	17.5		20.5	12.0	11.0	/		/	2	2:00pm	10.5	10.5
TUESDAY	11:30								"0"				
12-21	7:30	17.5		17.5	12.4	10.5	/	10.0	"0"	3	/	10.0	10.0
	3:30	17.5		15.5	10.9	11.0	/	11.0	/	/		11.0	11.0
WEDNES	11:30												
12-22	7:30	17.0		11.5	10.8	10.6		10.0	450	3	7.30	11.0	11.0
	3:30	16.8		10.5	12.5	10.5	/		"36"	2	2.00pm		
THURS	11:30												
12-23	7:30				Holidays								
	3:30		X										
FRIDAY	11:30												

TANK LEVEL = 54" 12/19
% AC = 10.3

TANK LEVEL = 47
16.5%
% AC = [illegible] %

AKC-0015266

ALASKAN COPPER CO.
WEEKLY EFFLUENT REPORT FOR 3200 6th ave. s.

starting date 12-26-88 / 12-27-88 Technician Mark Smith

Ending date 12-30-88 / 1-3-89

TOTAL NUMBER OF GALLONS USED.

CAUSTIC - x1.7 - WEEKLY.

BARRELL MONITOR IN INCHES. 16.5 - _____ = _____

Monday

Holiday

2000. +

1535

1500. +

TUESDAY

completed all duties

1000. +

972

500. +

Drop

WEDNESSDAY

Dated chart
Blew Down Boiler
cleaned flow meter
look Recordings
ck Clock
DBL ck ph meters
Drained Hoppers
Cl Basket
Bl out Piping

	MON	TUE	WED	THU	FRI
CYCLES.	11	0	9	4	4
DAILY INCHES	0	16.5	15.5	14.5	14
HOPPER A pH.	9	10.9	11.25	12	11.5
HOPPER B pH.	9	11.0	11.5	11.5	11
Beta flox	9	28"	26"	17"	3"

THURSDAY

Completed All duties
Cleaned Ph Meters
Replace Fl meter

FRIDAY

completed all duties