Industrial Waste Discharge Self-Monitoring Report

Mail or FAX to: King County Industrial Waste
130 Nickerson Street, Suite 200
Seattle, WA 98109-1658
Phone (206) 263-3000 / FAX (206) 263-3001

AKC-0008411

Company Name ALASKAN COPPER WORKS_____ Sample Site No. A-4010_____ Permit/DA No. 7238_____

Please indicate reporting period:

Month February_____ 2004__ Quarter 1 2 3 4 20____ (circle one) Semi-Annual Annual 20____ (circle one)

All units are mg/l unless otherwise noted.

Sample Date (circle)	Sample Type C (composite) or G (grab)	pH Min	pH Max	Cadmium, Cd	Chromium, Cr	Copper, Cu	Lead, Pb	Mercury, Hg	Nickel, Ni	Silver, Ag	Zinc, Zn	Cyanide, CN	Fats, Oils, and Grease (FOG)	Other Parameters		Flow (GPD) Industrial	Notes (Indicate Batch Discharges)
1		------	------													----------	
2		9.6	9.7													944	
3		9.8	9.8													1915	
4		9.9	10.0													1307	
(5)	C	9.5	10.0		.88	.83			.83		.07					1551	
6		9.7	9.8													1266	
7		9.7	9.7													1795	
8		------	------													----------	
9		9.7	9.7													1203	
10		9.7	9.8													2138	
11		9.8	9.8													1063	
(12)	C	9.8	10.0		.16	.19			.17		.05					1268	
13		10.1	10.2													1376	
14		10.1	10.1													1689	
15		------	------													----------	
16		9.7	9.9													830	
17		9.5	9.6													2666	
18		9.5	9.6													1945	
(19)	C	9.6	9.7		.49	.70			.59		.07					2459	
20		9.5	9.6													2598	
21		------	------													----------	
22		------	------													----------	
23		9.5	9.7													1921	
24		9.7	10.0													2688	
25		9.8	10.1													1104	
(26)	C	9.6	9.8		.25	.24			.24		.05					1521	
27		9.5	9.5													1833	
28		------	------													----------	
29		------	------													----------	
30	---------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	----------	
31	---------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	----------	

Monthly Min pH	9.5	& Date	2-5-04
Monthly Max pH	10.2	& Date	2-13-04

Total Monthly Flow (gallons)	37080		
Maximum Daily Flow	2688	& Date	2-24

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. I further certify that all data requiring a laboratory analysis were analyzed by a Washington State Department of Ecology accredited laboratory for each parameter tested.

Signature of Principal Executive or Authorized Agent

Date 3/05/04

PLEASE CIRCLE ALL PERMIT VIOLATIONS

This form is available at http://dnr.metrokc.gov/wlr/indwaste/index.htm.

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130 Nickerson Street, Suite 200
Seattle, WA 98109-1658
Phone (206) 263-3000 / FAX (206) 263-3001

AKC-0008412

Company Name ALASKAN COPPER WORKS Sample Site No. A-4009 Permit/DA No. 7201

Please indicate reporting period:

Month February 2004 Quarter 1 2 3 4 20____ (circle one) Semi-Annual Annual 20____ (circle one)

All units are mg/l unless otherwise noted.

Sample Date (circle)	Sample Type C (composite) or G (grab)	pH Min	pH Max	Cadmium, Cd	Chromium, Cr	Copper, Cu	Lead, Pb	Mercury, Hg	Nickel, Ni	Silver, Ag	Zinc, Zn	Cyanide, CN	Fats, Oils, and Grease (FOG)	Other Parameters		Flow (GPD) Industrial	Notes (Indicate Batch Discharges)
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NOT IN USE THIS MONTH

Monthly Min pH _____ & Date _____

Monthly Max pH _____ & Date _____

Total Monthly Flow (gallons) _____

Maximum Daily Flow _____ & Date _____

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. I further certify that all data requiring a laboratory analysis were analyzed by a Washington State Department of Ecology accredited laboratory for each parameter tested.

Signature of Principal Executive or Authorized Agent

3/5/04
Date

PLEASE CIRCLE ALL PERMIT VIOLATIONS

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REF. DWG NO. 500-0007 REV. A 1594

DAILY LOG

DAY	DATE	TIME	CAUSTIC LEVEL	FLOC. LEVEL	pH READING PROCESS MONITOR	pH READING OUTPUT MONITOR	pH PAPER PROCESS MONITOR	pH PAPER OUTPUT MONITOR	FLOWMETER	CYCLES	TEMP F° LARGE TANK	TEMP F° SMALL TANK	TEMP F° OAKITE TANK	REVETMENT LARGE RINSE	REVETMENT LARGE ACID	REVETMENT SMALL TANKS	COMMENTS,PROBLEMS,& REMARKS (W/O#)
MONDAY	2/12	7 AM	18.0	4	9.53	9.67	—	—	944	58	128	119	118				
		3 PM	17.7	15	10.26	9.75	—	—	864	22	115	126	128				
		11PM	17.1	13	9.90	9.78	—	—	1915	72	119	121	116				
TUESDAY	2/13	7 AM	17.2	13	10.23	9.84	—	—	1915	79	110	105	110				Forgot to reset flow & cycles
		3 PM	16.6	10	9.52	9.89	—	—	2628	118	110	118	125				
		11PM	15.8	9	9.79	9.89	—	—	3312	147	111	116	116				
WEDNESDAY	2/14	7 AM	15.9	9	11.62	9.98	—	—	1307 / 3312	78 / 152	117	110	111				
		3 PM	15.9	7	9.71	9.88	—	—	425	9	126	128	126				3312 − 1915 = 1307
		11PM	15.3	5	9.76	10.04	—	—	1551	57	128	126	115				
THURSDAY	2/15	7 AM	15.4	5	10.87	10.03	—	—	1551	59	114	111	111				
		3 PM	14.8	20	9.54	9.58	—	—	395	41	125	121	127				
		11PM	14.3	18	11.05	9.93	—	—	1238	96	127	121	118				
FRIDAY	2/16	7 AM	14.4	18	9.61	9.88	—	—	1266	96	115	115	111				
		3 PM	13.5	15	10.22	9.81	—	—	861	57	124	118	125				
		11PM	13.0	13		9.78	—	—	1795	99	123	126	117				
SATURDAY		5:00	13.0	14	9.95	9.79	—	—	1795	104	116	117	105				
		3:00	12.2	10	11.46	9.76	—	—	980	50	124	128	125				
SUNDAY																	

\WOUT\500-0007, 03/04/99

AKC-00084