METRO

Waste Discharge Self Monitoring Report

Mail to: Metro, Industrial Waste
130 Nickerson St., Suite 200,
Seattle, WA 98109-1658

Company Name Alaskan Copper Works Month October 19 92 No. of Employees (per day) Average _____ Maximum _____

Permit No. 7238 Station No. _____ Site No. 3200 6th Ave S. All units mg/l unless otherwise noted Industry Type METAL FAB.

Sample Dates (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,A	Cyanide, CN,T	Fats, Oils and Grease (FOG)	Total Toxic Organics (TTO)	Other Parameters			Flow (GPD) Total	Flow (GPD) Industrial	Flow (GPD) Specify	Notes
1		9.6	11.7																22,087	2717		
2		10.5	11.3																22,068	2698		
3																				—		
4																				—		
5		9.8	10.8																21,485	2115		
6		9.8	9.8																21,552	2182		
7		9.8	10.5																21,816	2446		
8		9.4	9.4																21,245	1875		
9		9.1	9.8																21,870	2500		
10		9.8	9.8																20,956	1586		
11																				—		
12		9.8	10.5																19,742	372		
13		8.7	9.4																22,002	2632		
14		9.8	9.4																21,646	2276		
(15)	Comp.	9.4	10.5		3.9	.81			3.8		8.4								21,743	2373		
16		9.4	11.2																22,122	2752		
17																				—		
18																				—		
19		9.1	11.5																21,838	2468		
20		9.8	11.5																21,611	2241		
21		9.1	10.8																21,481	2111		
22		9.0	9.7																20,720	1350		
23		7.6	11.4																21,020	1650		Received Lab Results Contacted Metro
24																				—		
25																				—		
26		10.3	10.4																20,603	1233		
27		8.8	10.5																20,968	1598		
28		9.8	11.3																21,721	2351		
29		9.8	11.3																20,988	1618		
(30)	Comp	9.0	11.6		1.1	.26			1.1		.02								22,344	2974		
31																				—		
Min.																						
Max.																						
Average																						

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.

Signature of Principal Executive or Authorized Agent

11/11/92
Date

Please circle all permit violations

Additional Comments _____

AKC-0013814

METRO

Waste Discharge Self Monitoring Report

Mail to: Metro, Industrial Waste
130 Nickerson St., Suite 200,
Seattle, WA 98109-1658

Company Name Alaskan Copper Works Month October 19 92 No. of Employees (per day) Average _____ Maximum _____

Permit No. 7201 Station No. _____ Site No. 3600 E. Marginal All units mg/l unless otherwise noted Industry Type _____

Sample Dates (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,A	Cyanide, CN,T	Fats, Oils and Grease (FOG)	Total Toxic Organics (TTO)	Other Parameters	Flow (GPD) Total	Flow (GPD) Industrial	Flow (GPD) Specify	Notes
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Average																				

Not in use this month

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.

James Brown 11/11/92
Signature of Principal Executive or Authorized Agent Date

Please circle all permit violations

Additional Comments _____

1330 (Rev. 8/92)

AKC-0013815

ALASKAN COPPER Works

Factory
3200 Sixth Avenue South • Seattle, Washington
TWX 910-444-2095
Telex: 32-0318 FAX: (206) 382-7346

Mailing Address:
P.O. Box 3546 • Seattle, Washington 98124
Telephone: (206) 623-5800

November 11, 1992

Ms. Christie True
Metro Industrial Waste Section
Senior Industrial Waste Investigator
130 Nickerson Street Suite #200
Seattle, WA. 98109-1658

Dear Ms. True:

The results from our composite sample of October 15, 1992 indicate excessive chromium and zinc levels.

Inspection of the containment area around the small north-west nitric acid bath, after the monthly drag out clean up, revealed stainless steel and galvanized parts. These parts had been exposed to the acid and were responsible for the excessive chromium and zinc levels.

Currently we have our Engineering Department designing a splash guard which will drain drag out back into each tank. This should reduce the amount of liquid in the containment area and eliminate the opportunity for parts to collect.

Sincerely,

Alaskan Copper Works

Gerald A. Thompson
Environmental Assistant

GAT:sw

Quality Fabricators of Corrosion Resistant Metals Since 1913