King County

Industrial Waste Quarterly Self-Monitoring Report

Send to: King County Industrial Waste
130 Nickerson Street, Suite 200
Seattle, WA 98109-1658
Phone 206-263-3000 / FAX 206-263-3001
Email: info.KCIW@kingcounty.gov

AKC-0003274

Company Name: ALASKAN COPPER WORKS 6TH AVE. S.

This form is available at www.kingcounty.gov/industrialwaste.

Please specify year: 2013 QUARTER 3 Sample Site No.: A-40102 Permit/DA No.: 7238-05

All units are mg/l unless otherwise noted. Note: Write in self-monitoring parameters, if not provided, e.g. Silver (Ag); delete or ignore FOG or SS, if not required.

Month	Sample Date	Sample Type C (Composite) G (Grab) BC (Batch)	pH	Chrome Cr	Silver Ag	Non-Polar fats, oils & grease (FOG) (Record average only)	Settleable Solids (ml/L)	Discharge Volume on sample day (gallons)	Total Monthly Flow (gallons)
July									1320
								lume discharged for July	
August									1320
								Total volume discharged for August	
September									1200
	9/12/13	G	6.49	.01	.43			60	
								Total volume discharged for September	

Sep 2013

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 10/4/13

→ Maximum daily flow from this quarter: 60 gallons. Date on which maximum daily flow occurred: 9/12/13

Due Date: Third Quarter Report is due by October 15 of each year.

King County

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AKC-0003275

Company Name: **ALASKAN COPPER WORKS 6TH AVE. S.**

This form is available at www.kingcounty.gov/industrialwaste.

Please specify year: **2013** **QUARTER 3** **Sample Site No.:** **A-40102** **Permit/DA No.:** **7238-05**

All units are mg/l unless otherwise noted. Note: Write in self-monitoring parameters, if not provided, e.g. Silver (Ag); delete or ignore FOG or SS, if not required.

Month	Sample Date	Sample Type C (Composite) G (Grab) BC (Batch)	pH	Chrome Cr	Silver Ag	Non-Polar fats, oils & grease (FOG) (Record average only)	Settleable Solids (ml/L)	Discharge Volume on sample day (gallons)	Total Monthly Flow (gallons)
July									1320
	Total volume discharged for July								
August									1320
	Total volume discharged for August								
September									1200
	9/12/13	G	6.49	.01	.43			60	
	Total volume discharged for September								

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Signature of Principal Executive or Authorized Agent

Date 10/4/13

→ Maximum daily flow from this quarter: **60** **gallons.** Date on which maximum daily flow occurred: **9/12/13**

Due Date: **Third Quarter Report is due by October 15 of each year.**

Industrial Waste Monthly Self-Monitoring Report

King County

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AKC-0003276

Company Name: ALASKAN COPPER WORKS 6TH AVE. S. **Sample Site No.** A-4010 **Permit/DA No.:** 7238-05

Please Specify Month & Year: **Month:** SEPTEMBER **2013**

This form is available at www.kingcounty.gov/industrialwaste.

All units are mg/l unless otherwise noted. Note: For cyanide, circle test performed - amenable or total ▼

Sample Date (circle)	Sample Type C (Composite) G (grab) BC (batch)	pH Min	pH Max	Cadmium, Cd	Chromium, Cr	Copper, Cu	Lead, Pb	Mercury, Hg	Nickel, Ni	Silver, Ag	Zinc, Zn	Cyanide (CN) Amenable (A) or Total (T)	Nonpolar Fats, Oils, & Grease (Average of 3 grabs)	Daily Flow (GPD) Industrial	Notes (Indicate Batch Discharges)
1		—	—											—	
2		—	—											—	Holiday
3		9.7	11.8											1082	
(4)	G	10.9	11.7		.35	.32			.29		.01			1787	
(5)	C	10.7	10.8		.36	.32			.33		.01			992	
6		10.4	10.6											000	
7		—	—											—	
8		—	—											—	
9		9.7	11.0											880	
10		10.4	10.9											1338	
11		10.2	10.4											823	
(12)	C	10.0	10.1		.10	.07			.05		.36			945	
13		10.1	10.6											635	
14		—	—											—	
15		—	—											—	
16		10.0	10.4											1234	
17		10.3	10.6											1377	
18		10.3	10.5											1147	
(19)	C	10.2	10.4		.12	.06			.05		.01			1021	
20		10.2	10.3											974	
21		—	—											—	
22		—	—											—	
23		9.9	10.0											1121	
24		9.9	10.6											1110	
25		10.3	10.5											1231	
(26)	C	10.1	10.3		.17	.08			.11		.01			931	
27		10.2	10.3											1200	
28		—	—											—	
29		—	—											—	
30		10.2	10.5											729	
31	—	—	—	—	—	—	—	—	—	—	—	—	—	—	

Monthly Min pH	9.7	& Date	9/3/13	Total Monthly Flow (gallons)	20557		
Monthly Max pH	11.8	& Date	9/3/13	Maximum Daily Flow	1787	& Date	9/4/13

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

10/4/13
Date

PLEASE CIRCLE ALL PERMIT VIOLATIONS

Due Date: **Monthly report is due by the 15th of each month.**

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AKC-0003277

Company Name: ALASKAN COPPER WORKS E. MARGINAL WAY **Sample Site No.** A-4009 **Permit/DA No.:** 7201-04

Please Specify Month & Year: **Month:** SEPTEMBER **2013**

This form is available at www.kingcounty.gov/industrialwaste.

All units are mg/l unless otherwise noted. Note: For cyanide, circle test performed - amenable or total ▼

Sample Date (circle)	Sample Type C (Composite) G (grab) BC (batch)	pH Min	pH Max	Cadmium, Cd	Chromium, Cr	Copper, Cu	Lead, Pb	Mercury, Hg	Nickel, Ni	Silver, Ag	Zinc, Zn	Cyanide (CN) Amenable (A) or Total (T)	Nonpolar Fats, Oils, & Grease (Average of 3 grabs)	Daily Flow (GPD) Industrial	Notes (Indicate Batch Discharges)
1															
2															
3															
4															
5															
6															
7															
8															
9															
10															
11															
12															
13															
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22															
23															
24															
25															
26															
27															
28															
29															
30															
31															

NOT IN USE THIS MONTH

Monthly Min pH _____ & Date _____ Total Monthly Flow (gallons) _____

Monthly Max pH _____ & Date _____ Maximum Daily Flow _____ & Date _____

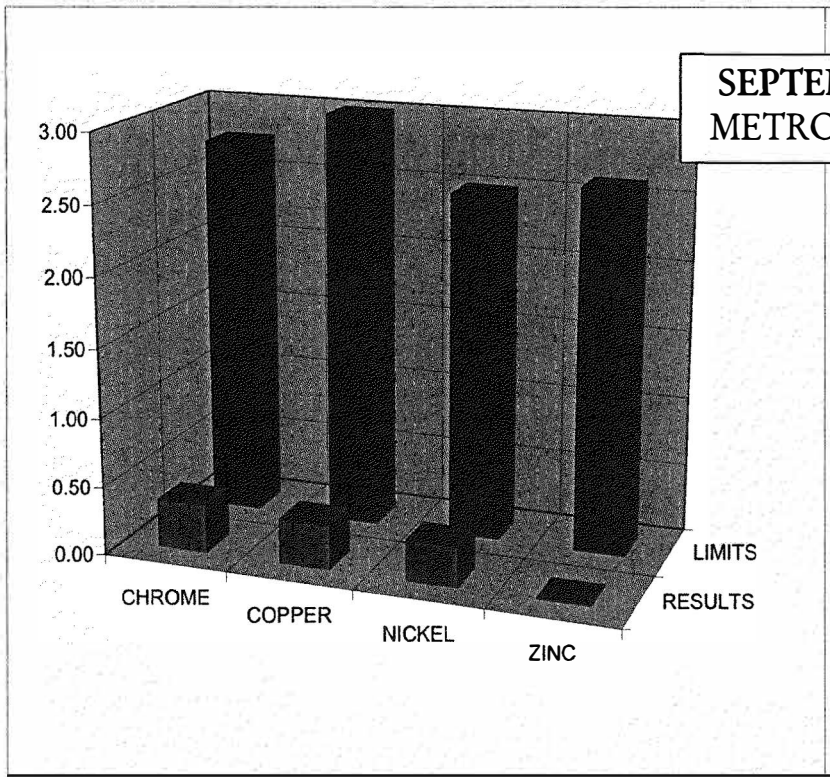
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage 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.

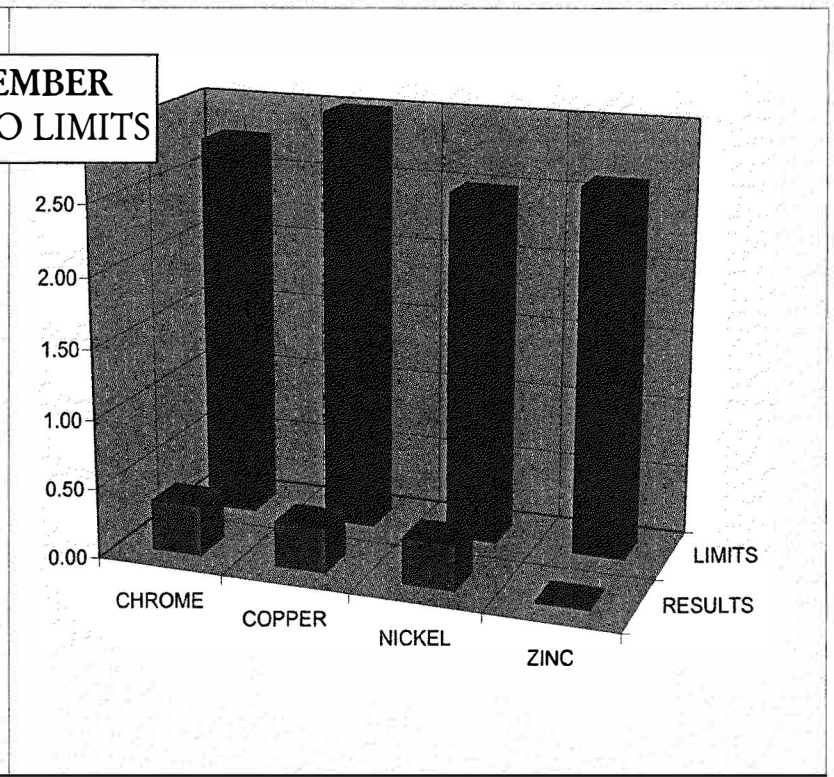
Signature of Principal Executive or Authorized Agent

Date 10/4/13

PLEASE CIRCLE ALL PERMIT VIOLATIONS

Due Date: **Monthly report is due by the 15th of each month.**





ALASKAN COPPER WORKS 3200 FACILITY SEPTEMBER, 04 2013 K.C. GRAB M000953	ALASKAN COPPER WORKS 3200 FACILITY SEPTEMBER 5, 2013 K.C. COMPOSITE M000960

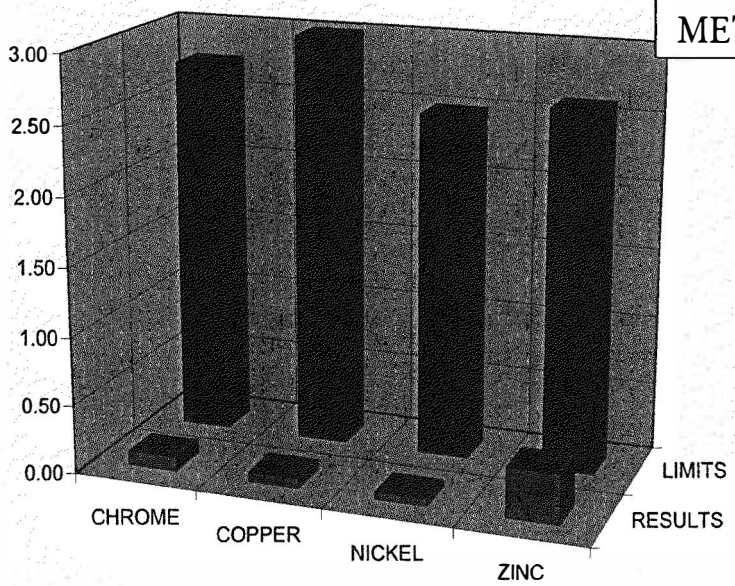
VISUAL REPRESENTATION OF THE LAB RESULTS

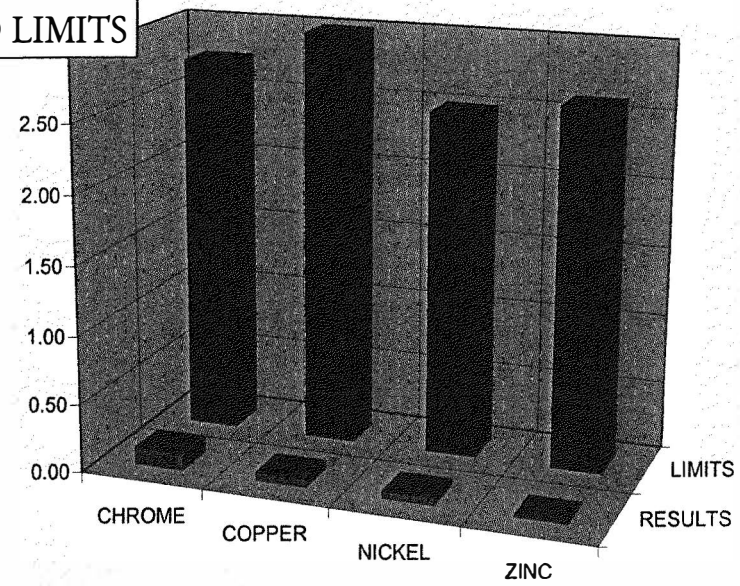
NOTE: ALL LABORATORY RESULTS HAVE BEEN CHANGED FROM **ppb** TO **ppm** FOR REPORTING PURPOSES

	CHROME	COPPER	NICKEL	ZINC
RESULTS	0.35	0.32	0.29	0.01
LIMITS	2.75	3.00	2.50	2.61

	CHROME	COPPER	NICKEL	ZINC
RESULTS	0.36	0.32	0.33	0.01
LIMITS	2.75	3.00	2.50	2.61

SEPTEMBER
METRO LIMITS





ALASKAN COPPER WORKS
3200 FACILITY
SEPTEMBER 12, 2013
COMPOSITE M000994

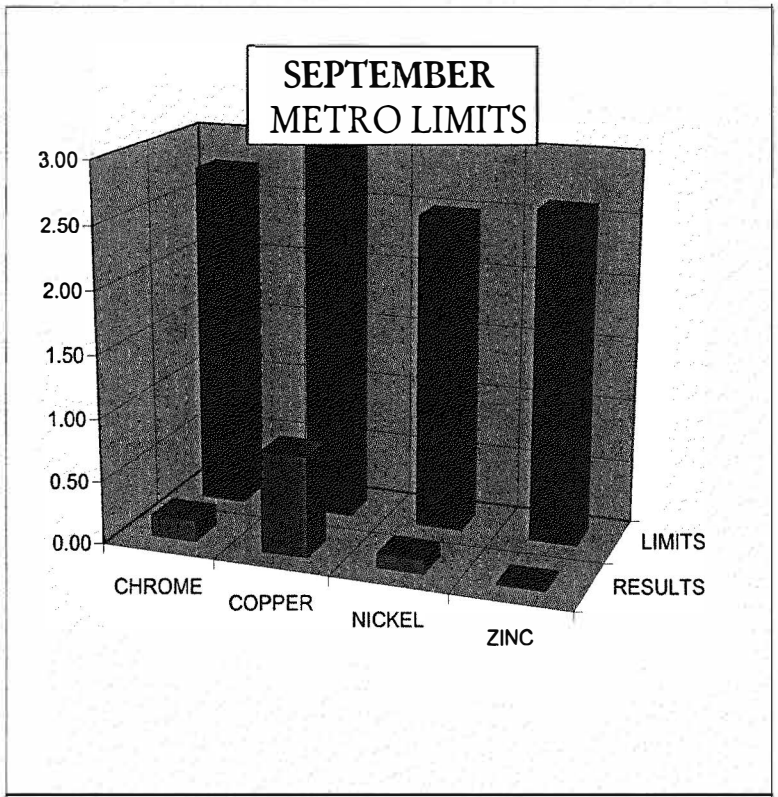
ALASKAN COPPER WORKS
3200 FACILITY
SEPTEMBER 19, 2013
COMPOSITE M001024

VISUAL REPRESENTATION OF THE LAB RESULTS

NOTE: ALL LABORATORY RESULTS HAVE BEEN CHANGED FROM **ppb** TO **ppm** FOR REPORTING PURPOSES

	CHROME	COPPER	NICKEL	ZINC
RESULTS	0.10	0.07	0.05	0.36
LIMITS	2.75	3.00	2.50	2.61

	CHROME	COPPER	NICKEL	ZINC
RESULTS	0.12	0.06	0.05	0.01
LIMITS	2.75	3.00	2.50	2.61



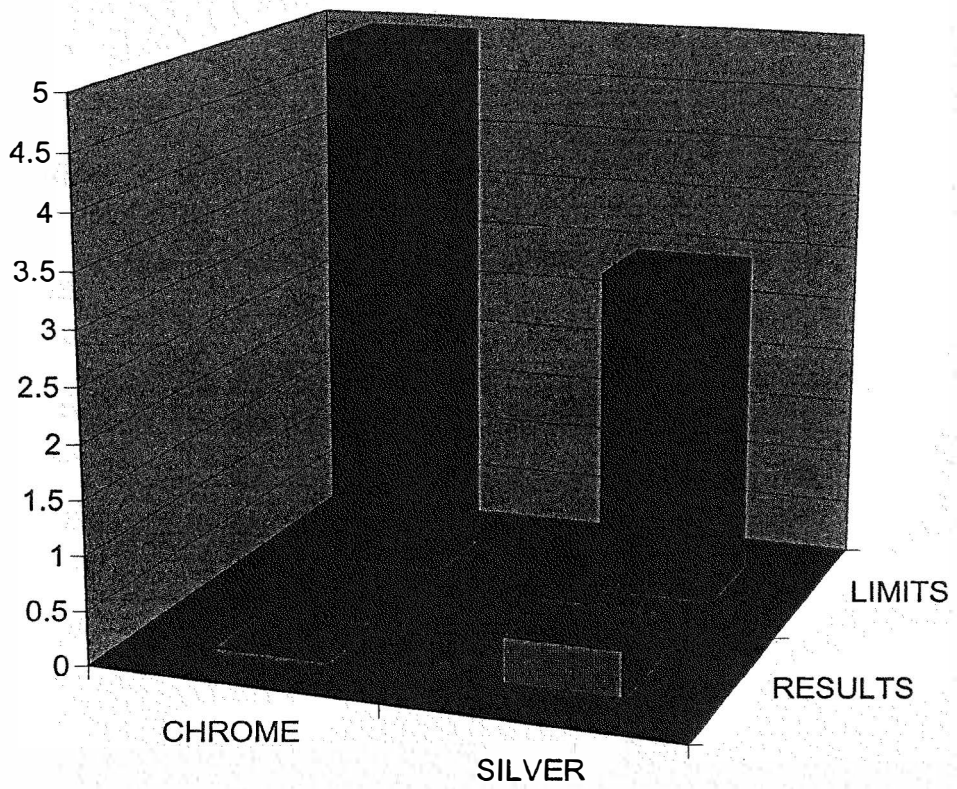
ALASKAN COPPER WORKS
3200 FACILITY
SEPTEMBER 26, 2013
COMPOSITE M001046

VISUAL REPRESENTATION OF THE LAB RESULTS

NOTE: ALL LABORATORY RESULTS HAVE BEEN CHANGED FROM **ppb** TO **ppm** FOR REPORTING PURPOSES

	CHROME	COPPER	NICKEL	ZINC
RESULTS	0.17	0.80	0.11	0.01
LIMITS	2.75	3.00	2.50	2.61

3Rd
QUARTER



ALASKAN COPPER WORKS
3200 X-RAY DEPT.
SEPTEMBER 12, 2013
GRAB M000995

	CHROME	SILVER
RESULTS	0.01	0.43
LIMITS	5.00	3.00

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on August 2, 2013 by Friedman & Bruya, Inc. from the Landau Associates M000871 Alaskan Copper 3Q13 SW Sampling, F&BI 308045 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	Landau Associates
308045-01	CB330001-080213
308045-02	CN331707-080213

All quality control requirements were acceptable.

AKC-0003282

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	M000953	Client:	Alaskan Copper Works
Date Received:	09/04/13	Project:	METRO KC Grab M000953, F&BI 309032
Date Extracted:	09/06/13	Lab ID:	309032-01 x10
Date Analyzed:	09/12/13	Data File:	309032-01 x10.013
Matrix:	Water	Instrument:	ICPMS1
Units:	ug/L (ppb)	Operator:	JS

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Germanium	78	60	125
Indium	81	60	125
Holmium	86	60	125

Analyte:	Concentration ug/L (ppb)
Chromium	351
Nickel	297
Copper	322
Zinc	10.6

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	M000960	Client:	Alaskan Copper Works
Date Received:	09/05/13	Project:	METRO KC Comp M000960, F&BI 309064
Date Extracted:	09/06/13	Lab ID:	309064-01 x10
Date Analyzed:	09/12/13	Data File:	309064-01 x10.010
Matrix:	Water	Instrument:	ICPMS1
Units:	ug/L (ppb)	Operator:	JS

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Germanium	85	60	125

Analyte:	Concentration ug/L (ppb)
Chromium	362
Nickel	333
Copper	329
Zinc	15.3

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	M000994	Client:	Alaskan Copper Works
Date Received:	09/12/13	Project:	METRO Self Monitor M000994, F&BI 309215
Date Extracted:	09/18/13	Lab ID:	309215-01 x10
Date Analyzed:	09/18/13	Data File:	309215-01 x10.039
Matrix:	Water	Instrument:	ICPMS1
Units:	ug/L (ppb)	Operator:	AP

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Germanium	67	60	125

Analyte:	Concentration ug/L (ppb)
Chromium	108
Nickel	59.1
Copper	73.2
Zinc	363

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/20/13
Date Received: 09/12/13
Project: XRay Self Monitor M000995, F&BI 309214
Date Extracted: NA
Date Analyzed: 09/12/13

RESULTS FROM THE ANALYSIS OF WATER SAMPLES FOR pH USING EPA METHOD 9040C

Sample ID Laboratory ID	pH
M000995 309214-01	6.49

AKC-0003286

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/19/13
Date Received: 09/12/13
Project: % of Acid M000996, F&BI 309216
Date Extracted: 09/12/13
Date Analyzed: 09/13/13

RESULTS FROM THE ANALYSIS OF WATER SAMPLES FOR SPECIFIC GRAVITY @ 15.56 °C

Sample ID Laboratory ID	Specific Gravity
M000996A Sm Tank 309216-01	1.212
M000996B Lg Tank 309216-02	1.184

Note: The third significant digit is an estimate

AKC-0003287

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	M001024	Client:	Alaskan Copper Works
Date Received:	09/19/13	Project:	METRO Self Monitor M001024, F&BI 309341
Date Extracted:	09/20/13	Lab ID:	309341-01 x10
Date Analyzed:	09/20/13	Data File:	309341-01 x10.060
Matrix:	Water	Instrument:	ICPMS1
Units:	ug/L (ppb)	Operator:	AP

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Germanium	94	60	125

Analyte:	Concentration ug/L (ppb)
Chromium	128
Nickel	56.1
Copper	60.3
Zinc	<50

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	M001046	Client:	Alaskan Copper Works
Date Received:	09/26/13	Project:	Metro Self Monitor, F&BI 309476
Date Extracted:	09/27/13	Lab ID:	309476-01 x10
Date Analyzed:	09/27/13	Data File:	309476-01 x10 rr.031
Matrix:	Water	Instrument:	ICPMS1
Units:	ug/L (ppb)	Operator:	AP

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Germanium	89	60	125

Analyte:	Concentration ug/L (ppb)
Chromium	174
Nickel	116
Copper	85.0
Zinc	<10

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	9/3	7 AM															LABOR DAY
		3 PM															
		11PM															
TUESDAY	9/4	7 AM	8.6	3	9.92	9.71	—	—	1082	20	128	128	132				1
		3 PM	8.1	16	9.53	10.82	—	—	816	14	126	123	128				
		11PM	7.6	15	9.57	11.82	—	—	1787	56	127	125	115				
WEDNESDAY	9/5	7 AM	7.6	15	9.11	11.71	—	—	1782	59?	127	119	120				KING COUNTY 188 GALLONS STARTING POINT
		3 PM	7.3	13	9.58	11.15	—	—	407	23	126	129	123				
		11PM	7.4	10	10.12	10.90	—	—	992	40	124	121	120				
THURSDAY	9/6	7 AM	7.4	10	9.95	10.86	—	—	992	40	117	129	107				
		3 PM	6.8	10	9.57	10.73	—	—	104	30	124	128	128				804 + 104 = 908
		11PM	6.3	10	9.62	10.70	—	—	000	1	114	128	95				
FRIDAY	9/8	7 AM	6.3	10	11.91	10.62	—	—	~~0000~~	1	126	124	126				
		3 PM	6.1	10	10.12	10.54	—	—	311	7	122	126	129				
		11PM	6.1	10	9.84	10.46	—	—		22	118	120	117				
SATURDAY																	
SUNDAY																	

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

AKC-0003290

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° DAKITE TANK	REVETMENT LARGE RINSE	REVETMENT LARGE ACID	REVETMENT SMALL TANKS	COMMENTS, PROBLEMS, & REMARKS (W/O#)
MONDAY	9-9	7 AM	6.1	10	11.18	10.06	—	—	880	25	122	126	124				Had to run a closed loop because ph was 8.7 in Mix Tank ?
		3 PM	5.8	8	10.60	9.75	—	—	369	10	131	119	128				
		11PM	5.6	6	10.87	11.04	—	—	1338	Ø	?	124	115				
TUESDAY	9-10	7 AM	5.6	6	10.67	10.97	—	—	1338	0	128	128	109				
		3 PM	5.5	5	10.46	10.71	—	—	48	2	126	128	121				
		11PM	5.6	4	9.98	10.46	—	—	823	1	118	127	122				
WEDNESDAY	9-12	7 AM	5.6	4	9.7[illegible]	10.43	—	—	823	1	124	128	113				
		3 PM	5.2	4	10.35	10.38	—	—	466	Ø	127	128	123				
		11PM	5.2	2	11.53	10.21	—	—	945	3	119	128	122				
THURSDAY	9-13	7 AM	5.2	2	10.99	10.15	—	—	945	3	118	130	114				
		3 PM	4.7	1	10.52	10.08	—	—	000	Ø	127	127	123				
		11PM	4.7	14	10.86	10.18	—	—	635	Ø	121	125	122				
FRIDAY	9-14	7 AM	4.7	14	?	10.18	—	—	635	0	118	129	115				New Puresset III Test Sin Press
		3 PM	3.2	12	9.80	10.67	—	—	597	26	128	118	124				
		11PM	3.0	12	11.87	10.56	—	—	1234	4	120	120	115				
SATURDAY																	
SUNDAY																	

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

AKC-0003291

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	9/16	7 AM	1.3	7.5	11.35	10.47	—	—	1284	21	135	126	132				Changed over Dual Set III with New ANALYZER
		3 PM	2.4	12	10.04	10.00	—	—	002	2	120	116	122				
		11PM	2.2	10	10.58	10.47	—	—	1377	Ø	119	123	118				Recorder Issue Had to be Re-Calibrated
TUESDAY	9/17	7 AM	2.2	10	11.19	10.37	—	—	1377	11	125	120	136				
		3 PM	2.0	10	10.36	10.50	—	—	589	2	121	126	133				
		11PM	0.2	9	10.63	10.65	—	—	1147	1	120	128	121				
WEDNESDAY	9/18	7 AM	1.7	9	11.69	10.50	—	—	1147	2	128	124	138				Changed to Dual Set Flow
		3 PM	1.7	8	10.29	10.39	—	—	1372	3	126	121	125				
		11PM	1.5	8	9.94	10.53	—	—	2168	4	121	127	115				2168 1147 1021
THURSDAY	9/19	7 AM	1.5	8	12.68	10.40	—	—	~~1021~~ 2168	37	127	129	110				
		3 PM	.7	8	10.50	10.28	—	—	208	Ø	125	128	122				
		11PM	.7	5	10.59	10.48	—	—	974	1	125	125	121				
FRIDAY	9/20	7 AM	.7	5	9.75	10.35	—	—	974	1	118	128	118				
		3 PM	.5	5	10.82	10.29	—	—	393	2	123	121	126				
		11PM	.2	1	10.40	10.24	—	—	1121	Ø	121	124	115				
SATURDAY																	
SUNDAY																	

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AKC-0003292

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	9-23	7 AM	.2	1	11.18	9.91	–	–	1121	5	129	117	127				
		3 PM	.2	1	10.06	9.94	–	–	572	2	128	127	124				
		11PM	.2	1	10.24	10.00	–	–	1110	Ø	125	117	115				
TUESDAY	9-24	7 AM	.2	1	9.36	9.90	–	–	1110	0	122	127	109				
		3 PM	30.3	15	9.95	10.21	–	–	362	1	124	128	121				
		11PM	30.4	12	10.90	10.60	–	–	1231	9	122	121	116				
WEDNESDAY	9-25	7 AM	30.4	12	10.83	10.46	–	–	1231	9	121	118	141				
		3 PM	30.5	12	10.43	10.54	–	–	250	3	119	118	124				
		11PM	30.5	11	10.58	10.33	–	–	931	2	118	121	114				
THURSDAY	9-26	7 AM	30.5	11	8.20	10.26	–	–	931	2	126	129	110				
		3 PM	30.2	11	9.64	10.18	–	–	267	2	122	122	122				
		11PM	30.3	10	10.75	10.33	–	–	1200	3	118	118	119				
FRIDAY	9-27	7 AM	30.3	10	10.66	10.22	–	–	1200	3	120	128	113				
		3 PM	30.2	10	10.19	10.35	–	–	189	Ø	136	128	124				
		11PM	30.2	8	11.19	10.33	–	–	729	Ø	114	118	121				
SATURDAY																	
SUNDAY																	

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AKC-0003293

King County
Wastewater Treatment Division
Industrial Waste Program
Department of Natural Resources and Parks
130 Nickerson Street, Suite 200
Seattle, WA 98109-1658
206-263-3000 Fax 206-263-3001
TTY Relay: 711

COPY

September 20, 2013

James C. Brown
Alaskan Copper Works
P.O. Box 3546
Seattle, WA 98124

Dear Mr. Brown:

Results from King County's recent sampling indicate that wastewater from Alaskan Copper Works - 6th Ave. is in compliance with discharge limits. The results of the sample(s) taken on September 4, 2013, are enclosed.

King County appreciates your compliance. If you have any questions, please call me at 206-263-3008 or email me at jim.sifford@kingcounty.gov.

Sincerely,

Jim Sifford
Compliance Investigator

Enclosures