FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: June 9, 1995
Date Received: June 8, 1995
Project: #7238, Metro 24 Hr. (ACW), PO M41617
Date Samples Extracted: June 8, 1995
Date Extracts Analyzed: June 8, 1995

RESULTS FROM THE ANALYSIS OF WATER SAMPLES FOR CHROMIUM, COPPER, NICKEL AND ZINC

Samples Processed Using Method 3005

Results Reported as mg/L (ppm)

Sample ID	Chromium	Copper	Nickel	Zinc
M41617 A Discharge	1.4	0.74	1.1	<0.05
M41617 B No Discharge	1.5	0.80	1.2	0.05
Quality Assurance				
Blank	<0.05	<0.05	<0.05	<0.05
M41617 B No Discharge (Duplicate)	1.6	0.80	1.1	0.06
M41617 B No Discharge (Matrix Spike) % Recovery	97%	98%	96%	98%
M41617 B No Discharge (Matrix Spike Duplicate) % Recovery	96%	98%	94%	97%
Spike Blank % Recovery	101%	100%	101%	100%
Spike Level	5	5	10	5

BTB AI
06·08·95
11:46

FRIEDMAN & BRUYA, INC.
3012 16th Avenue West
Seattle, WA 98119-2029
(206) 285-8282

SAMPLE CHAIN OF CUSTODY

Send Report To
Company: Alaskan Copper Works
Contact: Gerald Thompson
Address: 628 Harbor St
City, State, Zip: Seattle WA
Phone #: (206) 382-8379
Date: 8 Jun 95

SITE NO.	PROJECT NAME	PURCHASE ORDER #
7238	metro 24 hr (ACW)	M 41617

SAMPLERS (signature): [signature]

PROJECT LOCATION: 3200 6th Ave

REMARKS:

SAMPLE DISPOSAL INFORMATION
- [ ] Dispose after 30 days
- [x] Return Samples
- [ ] Call for Instructions

Sample #	Date/Time Sampled	Type of Sample	# of Jars	Lab Sample #	Analyses Requested
M 41617A	6/8 10:25	H_2O	1	59684	Cr Cu Ni Zn
Discharge					
M 41617B	6/8 10:25	H_2O	1	59685	Cr Cu Ni Zn
NO Discharge					

SIGNATURE	PRINT NAME	COMPANY	Date	Time
Relinquished by: [signature]	Gerald A. Thompson	ACW	6/8/95	11:28
Received by: Cathy Riggs	CATHY RIGGS	FABI	6/8/95	11:30
Relinquished by:				
Received by:				

FORMS/COC 09/19/94

AKC-0012746

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Andrew John Friedman
James E. Bruya, Ph.D.
(206) 285-8282

3012 16th Avenue West
Seattle, WA 98119-2029
FAX: (206) 283-5044

DUPLICATE COPY

June 9, 1995

INVOICE # 95ACU0609-3

Alaskan Copper Works
628 South Hanford
Seattle, WA 98134

RE: Project #7238, Metro 24 Hr. (ACW), PO M41617: Results of testing requested by Gerald Thompson, Project Leader for material submitted on June 8, 1995.

2 water samples analyzed for Chromium, Copper, Nickel and Zinc @ $65 per sample	$ 130.00
Amount Due	$ 130.00

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

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James E. Bruya, Ph.D.
(206) 285-8282

3012 16th Avenue West
Seattle, WA 98119-2029
FAX: (206) 283-5044

June 9, 1995

Gerald Thompson, Project Leader
Alaskan Copper Works
628 South Hanford
Seattle, WA 98134

Dear Mr. Thompson:

Enclosed are the results from the testing of material submitted on June 8, 1995 from your project #7238, Metro 24 Hr. (ACW), PO M41617.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.

Bradley T. Benson

Bradley T. Benson
Chemist

jdp
Enclosures

ACU0609R