FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/06/05
Date Received: 09/29/05
Project: Metro Self Monitor, PO# M97102, F&BI 509262
Date Extracted: 10/05/05
Date Analyzed: 10/05/05

RESULTS FROM THE ANALYSIS OF WATER SAMPLES FOR TOTAL METALS BY EPA METHOD 6010

Results Reported as mg/L (ppm)

Sample ID Laboratory ID	Chromium	Copper	Nickel	Zinc
M97102 509262-01	0.68	0.77	0.92	0.06
Method Blank	<0.05	<0.05	<0.10	<0.05

AKC-0007734

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/06/05
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Project: Metro Self Monitor, PO# M97102, F&BI 509262

QUALITY ASSURANCE RESULTS FROM THE ANALYSIS OF WATER SAMPLES FOR TOTAL METALS BY EPA METHOD 6010

Laboratory Code: 509181-01 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	Relative Percent Difference	RPD (Limit 20)
Chromium	mg/L (ppm)	0.51	0.50	2	0-20
Copper	mg/L (ppm)	0.53	0.52	2	0-20
Nickel	mg/L (ppm)	0.65	0.62	5	0-20
Zinc	mg/L (ppm)	<0.05	<0.05	nm	0-20

Laboratory Code: 509181-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Control Limits
Chromium	mg/L (ppm)	5	0.51	96	50-150
Copper	mg/L (ppm)	5	0.53	96	50-150
Nickel	mg/L (ppm)	10	0.65	95	50-150
Zinc	mg/L (ppm)	5	<0.05	100	50-150

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Chromium	mg/L (ppm)	5	104	70-130
Copper	mg/L (ppm)	5	103	70-130
Nickel	mg/L (ppm)	10	103	70-130
Zinc	mg/L (ppm)	5	104	70-130

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

AKC-0007735

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Charlene Morrow, M.S.
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3012 16th Avenue West
Seattle, WA 98119-2029
TEL: (206) 285-8282
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e-mail: fbi@isomedia.com

October 6, 2005

DUPLICATE COPY

INVOICE # 05ACU1006-1

Accounts Payable
Alaskan Copper Works
628 South Hanford
Seattle, WA 98134

RE: Project Metro Self Monitor, PO# M97102, F&BI 509262 - Results of testing requested by Gerry Thompson for material submitted on September 29, 2005.

1 sample analyzed for Total Chromium, Copper, Nickel and Zinc by Method 6010B @ $80 per sample	$ 80.00
Amount Due	$ 80.00

FEDERAL TAX ID # (b) (6)

509262

SAMPLE CHAIN OF CUSTODY

CM 09/29/05

AI4

Page # _____ of _____

Send Report To: Gerald Thompson
Company: Alaskan Copper Works
Address: 628 S. Hanford St
City, State, ZIP: Seattle WA 98134
Phone #: 206-382-8379 Fax #: 206-382-4309

SAMPLERS (signature):

PROJECT NAME/NO.: Metro Self Monitor

PO #: M97102

REMARKS:

TURNAROUND TIME
- ☐ Standard (2 Weeks)
- ☐ RUSH _____
- Rush charges authorized by: _____

SAMPLE DISPOSAL
- ☐ Dispose after 30 days
- ☐ Return samples
- ☐ Will call with instructions

ANALYSES REQUESTED

Sample ID	Lab ID	Date	Time	Sample Type	# of containers	TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260	SVOCs by 8270	HFS	Copper					Notes
M97102	01	9/8/05	12:50	H2O	1							✓					

Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282
Fax (206) 283-5044

	SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:		G. Thompson	ACW	9/28/05	1:19pm
Received by:		Nhan Phan	FeBI	9/29/05	1:20pm
Relinquished by:					
Received by:					

FORMS\COC\COC.DOC

AKC-000773

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

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October 6, 2005

Gerry Thompson, Project Manager
Alaskan Copper Works
628 South Hanford
Seattle, WA 98134

Dear Mr. Thompson:

Included are the results from the testing of material submitted on September 29, 2005 from the Metro Self Monitor, PO# M97102, F&BI 509262 project. There are 2 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

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.

Charlene Morrow
Chemist

Enclosures
ACU1006R.DOC