AMRO Environmental Laboratories Corporation

111 Herrick Street, Merrimack, NH 03054
TEL: (603) 424-2022 • FAX: (603) 429-8496
www.amrolabs.com

May 21, 2007

ANALYTICAL TEST RESULTS

RECEIVED
MAY 30 2007
GEI CONSULTANTS, INC.

Raymond Siegener
GEI Consultants, Inc.
400 Unicorn Park Drive
Woburn, MA 01801
TEL: (781) 721-4098
FAX: (781) 721-4073

Subject: 00291-4 Canton Airport

Workorder No.: 0705071

Dear Raymond Siegener:

AMRO Environmental Laboratories Corp. received 12 samples on 5/10/2007 for the analyses presented in the following report.

The enclosed results are additional analyses requested after the original report was issued. AMRO is accredited in accordance with NELAC and certifies that these test results meet all the requirements of NELAC, where applicable, unless otherwise noted in the case narrative.

The enclosed Sample Receipt Checklist details the condition of your sample(s) upon receipt. Please be advised that any unused sample volume and sample extracts will be stored for a period of thirty (30) days from this report date. After this time, AMRO will properly dispose of the remaining sample(s). If you require further analysis, or need the samples held for a longer period, please contact us immediately.

This report consists of a total of 24 pages. This letter is an integral part of your data report. If you have any questions regarding this project in the future, please refer to the Order Number above.

Sincerely,

Maria N. Borduz
President

State Certifications: NH (NELAC): 1001, MA: M-NH012, CT: PH-0758, NY: 11278 (NELAC), ME: NH012 and 1001, NJ: NH125, RI: 00105, U.S. Army Corps of Engineers (USACE), Naval Facilities Engineering Service Center (NFESC).

Hard copy of the State Certification is available upon request.

AMRO Environmental Laboratories Corp.

Date: *21-May-07*

CLIENT: GEI Consultants, Inc.
Project: 00291-4 Canton Airport
Lab Order: 0705071
Date Received: 5/10/2007

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Collection Date	Collection Time
0705071-01A	002914-SS103	3/30/2007	9:25 AM
0705071-02A	002914-SS117	3/30/2007	1:35 PM
0705071-03A	002914-SS120	3/30/2007	2:16 PM
0705071-04A	002914-SS109	3/29/2007	3:50 PM
0705071-05A	002914-SS130	3/29/2007	9:22 AM
0705071-06A	002914-SS134	3/29/2007	1:02 PM
0705071-07A	002914-SS140	3/29/2007	10:48 AM
0705071-08A	002914-SS146	3/29/2007	10:12 AM
0705071-09A	002914-SS126	3/28/2007	3:26 PM
0705071-10A	002914-SS128	3/28/2007	3:40 PM
0705071-11A	002914-TP106 (0-0.5')	3/5/2007	10:53 AM
0705071-12A	002914-B111 (0-1')	2/27/2007	12:30 PM

AMRO Environmental Laboratories Corp.

21-May-07

Lab Order: 0705071
Client: GEI Consultants, Inc.
Project: 00291-4 Canton Airport

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Analytical Test Name / Preparatory Test Name	Prep Date	Analysis Date / Batch ID	TCLP Date
0705071-01A	002914-SS103	3/30/2007 9:25:00 AM	Soil	EPA 6010B ICP METALS, 3051/6010		5/18/2007	
				EPA 3051 SOPREP TOTAL METALS: Micro	5/18/2007	17129	
0705071-02A	002914-SS117	3/30/2007 1:35:00 PM		EPA 6010B ICP METALS, 3051/6010		5/18/2007	
					5/18/2007	17129	
0705071-03A	002914-SS120	3/30/2007 2:16:00 PM		EPA 6010B ICP METALS, 3051/6010		5/18/2007	
					5/18/2007	17129	
0705071-04A	002914-SS109	3/29/2007 3:50:00 PM		EPA 6010B ICP METALS, 3051/6010		5/18/2007	
					5/18/2007	17129	
0705071-05A	002914-SS130	3/29/2007 9:22:00 AM		EPA 6010B ICP METALS, 3051/6010		5/18/2007	
					5/18/2007	17129	
0705071-06A	002914-SS134	3/29/2007 1:02:00 PM		EPA 6010B ICP METALS, 3051/6010		5/18/2007	
					5/18/2007	17129	
0705071-07A	002914-SS140	3/29/2007 10:48:00 AM		EPA 6010B ICP METALS, 3051/6010		5/18/2007	
					5/18/2007	17129	
0705071-08A	002914-SS146	3/29/2007 10:12:00 AM		EPA 6010B ICP METALS, 3051/6010		5/18/2007	
					5/18/2007	17129	
0705071-09A	002914-SS126	3/28/2007 3:26:00 PM		EPA 6010B ICP METALS, 3051/6010		5/18/2007	
					5/18/2007	17129	
0705071-10A	002914-SS128	3/28/2007 3:40:00 PM		EPA 6010B ICP METALS, 3051/6010		5/18/2007	
					5/18/2007	17129	
0705071-11A	002914-TP106 (0-0.5')	3/5/2007 10:53:00 AM		EPA 6010B ICP METALS, 3051/6010		5/18/2007	
					5/18/2007	17129	
0705071-12A	002914-B111 (0-1')	2/27/2007 12:30:00 PM		EPA 6010B ICP METALS, 3051/6010		5/18/2007	
					5/18/2007	17129	

Geotechnical
Environmental &
Water Resources
Engineering

0705071

GEI Consultants

FAX

400 Unicorn Park Drive
Woburn, MA 01801
Tel. 781-721-4000 Fax 781-721-4073
www.geiconsultants.com

5/10/07	00291-4	1200	8
Date	GEI Project / Proposal No.	Task Code (If Required)	Number of Pages **Including This Page**

To: AMRO – Sample Login

Fax No: 603.429-8496

From: Saskia Oosting

Message:

On the attached chains, I have identified 12 samples to be tested for metals. I hope you still have these samples in storage. Samples are:

002914-SS103
-SS109
-SS117
-SS120
-SS126
-SS128
-SS130
-SS134
-SS140
-SS146
-TP106
-B111 (0-1)

Please analyze all 12 samples for the following metals: barium, beryllium, chromium, lead, nickel, vanadium, zinc. Call me if you have any questions or if some of these samples are no longer available.

Saskia

GEI Use: Check One File ___ Discard ___ Return to: _____

Chain-of-Custody Record

Laboratory: AMRO

Laboratory Job # (Lab use only)

GEI Consultants
1021 Main Street
Winchester, MA 01890
PH: 781.721.4000
FX: 781.721.4073

Project Information

Project Name: Canton Airport
Project Location: Canton, MA
Project Number: 00291-4
Project Manager: Saskia Oosting
Send Report to: Ray Siegener
Send EDD to: labdata@geiconsultants.com

Page 1 of 1

MCP PRESUMPTIVE CERTAINTY REQUIRED – (YES) NO

If Yes, Are MCP Analytical Methods Required? (YES) NO NA
If Yes, Are Drinking Water Samples Submitted? YES (NO) NA
If Yes, Have You Met Minimum Field QC Requirements? (YES) NO NA

Sample Handling: Samples Field Filtered: YES NO (NA)
Sampled Shipped With Ice: (YES) NO

Lab Sample Number	GEI Sample ID	Collection Date	Collection Time	Matrix	No. of Bottles	Sampler(s) Initials	PCBs (None)	TOC (None)	Metals						Sample Specific Remarks
	002914-SS121	3/28/07	1448	SO	1	AH	X	X							
	002914-SS122	↓	1452	↓	1	AH	↓	↓							
	002914-SS123	↓	1510	↓	↓	ABI	↓	↓							
	002914-SS124	↓	1500	↓	↓	AH	↓	↓							
	002914-SS125	↓	1524	↓	↓	↓	↓	↓							
	002914-SS126	↓	1526	↓	↓	↓	↓	↓	X						
	002914-SS127	↓	1533	↓	↓	↓	↓	↓							
	002914-SS128	↓	1540	↓	↓	↓	↓	↓	X						
	002914-SS131	↓	1440	↓	↓	↓	↓	↓							
	002914-SS132	↓	1435	↓	↓	↓	↓	↓							

MCP Level Needed: GEI requires the most stringent Method 1 MCP standard be met for all analytes whenever possible.

Relinquished by sampler: (signature)	Date:	Time:	Received by: (signature)
1. Andrea Ilgo	3/28/07	1730	1. GEI refrigerator
2. GEI refrigerator	3/30/07	1055	2. Andrea Ilgo
3. Andrea Ilgo	3/30/07	1055	3. [illegible]
4.			4.

Turnaround Time (Business days): Normal X; Other ___; 10-Day ___; 7-Day ___; 5-Day ___; 3-Day ___

Before submitting rush turnaround samples, you must notify the laboratory to confirm that the TAT can be achieved.

Additional Requirements/Comments/Remarks:
Pricing per ~~GEI~~ AMRO price book for ~~AMRO~~ GEI-DCR job.

3/28/2007
V:\Admin\Chain of Custody_MCP 2006

05/10/07 16:46 FAX 7817214073 GEI CONSULTANTS INC. 004

Chain-of-Custody Record

Laboratory: AMRO

Laboratory Job # (Lab use only)

GEI Consultants
1021 Main Street
Winchester, MA 01890
PH: 781.721.4000
FX: 781.721.4073

Project Information

Project Name: Canton Airport
Project Location: Canton, MA
Project Number: 00291-4
Project Manager: Saskia Oosting
Send Report to: Ray Siegener
Send EDD to: labdata@geiconsultants.com

Page _1_ of _1_

MCP PRESUMPTIVE CERTAINTY REQUIRED – **YES** NO

If Yes, Are MCP Analytical Methods Required? **YES** NO NA
If Yes, Are Drinking Water Samples Submitted? YES **NO** NA
If Yes, Have You Met Minimum Field QC Requirements? **YES** NO NA

Sample Handling: Samples Field Filtered: YES NO **NA**
Sampled Shipped With Ice: **YES** NO

Lab Sample Number	GEI Sample ID	Collection Date	Collection Time	Matrix	No. of Bottles	Sampler(s) Initials	PCBs (8080)		EPH Ranges	VPH Ranges	VOCs + TICs	SVOCs + TICs	MCP metals		Sample Specific Remarks
	Preservative						None	None	None	MeOH	MeOH	None	None	None	
	~~002914-TP101(0 - 0.4')~~	~~3/5/2007~~	~~13:34~~	~~SO~~	~~1~~	~~ABI~~	X								e SEO 3/6/07
	~~002914-TP101(3 - 3.4')~~	~~3/5/2007~~	~~14:12~~	~~SO~~	~~4~~	~~ABI~~	X		X	X	X	X	X		e SEO 3/6/07
	002914-TP102(0.4 - 0.7')	3/5/2007	15:07	SO	1	ABI	X								
	002914-TP102(2.4 - 4')	3/5/2007	14:57	SO	4	ABI	X		X	X	X	X	X		
	002914-TP104(0 - 0.5')	3/5/2007	9:15	SO	1	ABI	X								HOLD
	002914-TP104(2 - 4')	3/5/2007	9:20	SO	4	ABI	X		X	X	X	X	X		HOLD
	~~002914-TP105(0 - 0.3')~~	~~3/5/2007~~	~~12:17~~	~~SO~~	~~1~~	~~ABI~~	X								e SEO 3/6/07
	002914-TP105(0.3 - 1.0')	3/5/2007	12:47	SO	2	ABI	X		X			X	X		
	002914-TP105(2.4 - 3.0')	3/5/2007	12:23	SO	4	ABI	X		X	X	X	X	X		
	002914-TP106(0 - 0.5')	3/5/2007	10:53	SO	1	ABI	X						✓		
	002914-TP106(2 - 4')	3/5/2007	10:55	SO	4	ABI	X		X	X	X	X	X		

MCP Level Needed: GEI requires the most stringent Method 1 MCP standard be met for all analytes whenever possible.

Relinquished by sampler: (signature)	Date:	Time	Received by: (signature)
1. Andrea Lyo	3/5/07	1800	1. GEI sample refrigerator
Relinquished by: (signature) 2.	Date:	Time:	Received by: (signature) 2.
Relinquished by: (signature) 3.	Date:	Time:	Received by: (signature) 3.
Relinquished by: (signature) 4.	Date:	Time:	Received by: (signature) 4.

Turnaround Time (Business days):
Normal _X_ Other ____
10-Day ____ 7-Day ____
5-Day ____ 3-Day ____

Before submitting rush turnaround samples, you must notify the laboratory to confirm that the TAT can be achieved.

Additional Requirements/Comments/Remarks:
Pricing per "AMRO Environmental Laboratories Corporation, Price Book 2006 for GEI" DCR Contract Rates

3/5/2007
M:\DATA\ANALYSIS\00291-4, Canton Airport\TP COC 1

Chain-of-Custody Record

Laboratory: AMRO

Laboratory Job # (Lab use only)

GEI Consultants
1021 Main Street
Winchester, MA 01890
PH: 781.721.4000
FX: 781.721.4073

Project Information

Project Name: Canton Airport

Project Location: Canton, MA

Project Number: 00291-4

Project Manager: Saskia Oosting

Send Report to: Ray Siegener

Send EDD to: labdata@geiconsultants.com

Page _1_ of _1_

MCP PRESUMPTIVE CERTAINTY REQUIRED: **YES** NO

If Yes, Are MCP Analytical Methods Required? **YES** NO NA

If Yes, Are Drinking Water Samples Submitted? YES **NO** NA

If Yes, Have You Met Minimum Field QC Requirements? **YES** NO NA

Sample Handling: Samples Field Filtered: YES NO **NA**

Sampled Shipped With Ice: **YES** NO

Lab Sample Number	GEI Sample ID	Collection Date	Collection Time	Matrix	No. of Bottles	Sampler(s) Initials	PCBs (8080)		EPH Ranges	VPH Ranges	VOCs + TICs	SVOCs + TICs	MCP metals	Hexavalent Chromium	Sample Specific Remarks
							Preservative: None	None	None	MeOH	MeOH	None	None	None	
	002914-B102 (0-1')	2/27/2007	8:05	So	1	KKM	X								Petroleum pesticides
	002914-B102 (3-4')	2/27/2007	8:10	So	5	KKM	X		X	X	X	X	X	X	
	002914-B102 (14-15')	2/27/2007	9:00	So	1	KKM	X								
	002914-B109 (0-1')	2/27/2007	10:15	So	1	KKM	X								Petroleum pesticides
	002914-B109 (3-4')	2/27/2007	10:20	So	4	KKM	X		X	X	X	X	X		
	002914-B109 (14-15')	2/27/2007	11:00	So	1	KKM	X								
	002914-B111 (0-1')	2/27/2007	12:30	So	1	KKM	X						X		
	002914-B111 (3-4')	2/27/2007	12:40	So	4	KKM	X		X	X	X	X	X		
	002914-B111 (14-15')	2/27/2007	13:10	So	1	KKM	X								

MCP Level Needed: GEI requires the most stringent Method 1 MCP standard be met for all analytes whenever possible.

Relinquished by sampler: (signature)	Date:	Time:	Received by: (signature)
1. [signature]	2/27/07	15:30	1. Sample Fridge
2. Sample Fridge	2/28/07	1035	2. Andrea Igo
3. Andrea Igo	2/28/07	1035	3. [signature]
4.			4.

Turnaround Time (Business days): Normal _X_ Other ____ 10-Day ____ 7-Day ____ 5-Day ____ 3-Day ____

Before submitting rush turnaround samples, you **must** notify the laboratory to confirm that the TAT can be achieved.

Additional Requirements/Comments/Remarks:

Pricing per "AMRO Environmental Laboratories Corporation, Price Book 2006 for GEI" DCR Contract Rates

Chain-of-Custody Record

Laboratory: AMRO

Laboratory Job # (Lab use only)

GEI Consultants
1021 Main Street
Winchester, MA 01890
PH: 781.721.4000
FX: 781.721.4073

Project Information

Project Name: Canton Airport
Project Location: Canton, MA
Project Number: 00291-4
Project Manager: Saskia Oosting
Send Report to: Ray Siegener
Send EDD to: labdata@geiconsultants.com

Page _1_ of _2_

MCP PRESUMPTIVE CERTAINTY REQUIRED – **YES** NO

If Yes, Are MCP Analytical Methods Required? **YES** NO NA
If Yes, Are Drinking Water Samples Submitted? YES **NO** NA
If Yes, Have You Met Minimum Field QC Requirements? **YES** NO NA

Sample Handling: Samples Field Filtered: YES NO **NA**
Sampled Shipped With Ice: **YES** NO

Lab Sample Number	GEI Sample ID	Collection Date	Collection Time	Matrix	No. of Bottles	Sampler(s) Initials	PCBs (Preservative: None)	TOC (Preservative: None)	metals						Sample Specific Remarks
	002914-SS106	3/29/2007	16:15	SO	1	AH	x	x							
	002914-SS107	3/29/2007	16:05	SO	1	AH	x	x							
	002914-SS108	3/29/2007	15:57	SO	1	AH	x	x							
	002914-SS109	3/29/2007	15:50	SO	1	AH	x	x	X						
	002914-SS110	3/29/2007	15:40	SO	1	AH	x	x							
	002914-SS110DUPE	3/29/2007	15:42	SO	1	AH	x	x							
	002914-SS129	3/29/2007	9:11	SO	1	AH	x	x							
	002914-SS130	3/29/2007	9:22	SO	1	AH	x	x	X						
	002914-SS133	3/29/2007	9:30	SO	1	AH	x	x							
	002914-SS134	3/29/2007	13:02	SO	1	AH	x	x	X						
	002914-SS135	3/29/2007	13:05	SO	1	AH	x	x							
	002914-SS136	3/29/2007	13:12	SO	1	AH	x	x							
	002914-SS137	3/29/2007	13:10	SO	1	AH	x	x							

MCP Level Needed: GEI requires the most stringent Method 1 MCP standard be met for all analytes whenever possible.

Relinquished by sampler: (signature)	Date:	Time:	Received by: (signature)
1. [illegible]	3/29/07	1800	1. GEI [illegible]
Relinquished by: (signature)	Date:	Time:	Received by: (signature)
2. GEI fridge	3/30/07	1058	2. Andrea Lyon
Relinquished by: (signature)	Date:	Time:	Received by: (signature)
3. Andrea Lyon	3/30/07	1058	3. [illegible]
Relinquished by: (signature)	Date:	Time:	Received by: (signature)
4.			4.

Turnaround Time (Business days):
Normal _X_ Other ____
10-Day ____ 7-Day ____
5-Day ____ 3-Day ____

Before submitting rush turnaround samples, you must notify the laboratory to confirm that the TAT can be achieved.

Additional Requirements/Comments/Remarks:
Pricing per "AMRO Environmental Laboratories Corporation, Price Book 2006 for GEI" DCR Contract Rates

Chain-of-Custody Record

Laboratory: AMRO

Laboratory Job # (Lab use only)

GEI Consultants
1021 Main Street
Winchester, MA 01890
PH: 781.721.4000
FX: 781.721.4073

Project Information

Project Name: Canton Airport

Project Location: Canton, MA

Project Number: 00291-4

Project Manager: Saskia Oosting

Send Report to: Ray Siegener

Send EDD to: labdata@geiconsultants.com

Page _2_ of _2_

Preservative: None | None

Sample Handling: Samples Field Filtered — YES NO **NA**

Sampled Shipped With Ice — **YES** NO

MCP PRESUMPTIVE CERTAINTY REQUIRED -- **YES** NO

If Yes, Are MCP Analytical Methods Required? **YES** NO NA

If Yes, Are Drinking Water Samples Submitted? YES **NO** NA

If Yes, Have You Met Minimum Field QC Requirements? **YES** NO NA

Lab Sample Number	GEI Sample ID	Collection Date	Collection Time	Matrix	No. of Bottles	Sampler(s) Initials	PCBs	TOC	metals						Sample Specific Remarks
	002914-SS138	3/29/2007	12:50	SO	1	AH	x	x							
	002914-SS139	3/29/2007	12:10	SO	1	AH	x	x							
	002914-SS140	3/29/2007	10:48	SO	1	AH	x	x	X						
	002914-SS141	3/29/2007	9:50	SO	1	AH	x	x							
	002914-SS142	3/29/2007	10:05	SO	1	AH	x	x							
	002914-SS143	3/29/2007	10:02	SO	1	AH	x	x							
	002914-SS144	3/29/2007	10:10	SO	1	AH	x	x							
	002914-SS146	3/29/2007	10:12	SO	1	AH	x	x	X						

MCP Level Needed: GEI requires the most stringent Method 1 MCP standard be met for all analytes whenever possible.

Relinquished by sampler: (signature)	Date:	Time:	Received by: (signature)
1.			1.
Relinquished by: (signature)	Date:	Time:	Received by: (signature)
2.			2.
Relinquished by: (signature)	Date:	Time:	Received by: (signature)
3.			3.
Relinquished by: (signature)	Date:	Time:	Received by: (signature)
4.			4.

Turnaround Time (Business days):

Normal _X_ Other ____

10-Day ____ 7-Day ____

5-Day ____ 3-Day ____

Before submitting rush turnaround samples, you must notify the laboratory to confirm that the TAT can be achieved.

Additional Requirements/Comments/Remarks:

Pricing per "AMRO Environmental Laboratories Corporation, Price Book 2006 for GEI" DCR Contract Rates

Chain-of-Custody Record

Laboratory: AMRO

Laboratory Job # (Lab use only)

GEI Consultants
1021 Main Street
Winchester, MA 01890
PH: 781.721.4000
FX: 781.721.4073

Project Information

Project Name: Canton Airport
Project Location: Canton, MA
Project Number: 00291-4
Project Manager: Saskia Oosting
Send Report to: Ray Siegener
Send EDD to: labdata@geiconsultants.com

Page _1_ of _2_

MCP PRESUMPTIVE CERTAINTY REQUIRED: YES NO

If Yes, Are MCP Analytical Methods Required? **YES** NO NA
If Yes, Are Drinking Water Samples Submitted? YES **NO** NA
If Yes, Have You Met Minimum Field QC Requirements? **YES** NO NA

Sample Handling: Samples Field Filtered: YES NO **NA**
Sampled Shipped With Ice: **YES** NO

Lab Sample Number	GEI Sample ID	Collection Date	Collection Time	Matrix	No. of Bottles	Sampler's Initials	PCBs	TOC	metals						Sample Specific Remarks
Preservative							None	None							
	002914-SS101	3/30/2007	9:40	SO	1	AH	x	x							
	002914-SS102	3/30/2007	9:33	SO	1	AH	x	x							
	002914-SS103	3/30/2007	9:25	SO	1	AH	x	x	X						
	002914-SS104	3/30/2007	9:15	SO	1	AH	x	x							
	002914-SS105	3/30/2007	9:08	SO	1	AH	x	x							
	002914-SS111	3/30/2007	12:40	SO	1	AH	x	x							
	002914-SS112	3/30/2007	12:30	SO	1	AH	x	x							
	002914-SS113	3/30/2007	12:48	SO	1	AH	x	x							
	002914-SS113DUPE	3/30/2007	12:52	SO	1	AH	x	x							
	002914-SS114	3/30/2007	12:20	SO	1	AH	x	x							
	002914-SS115	3/30/2007	10:48	SO	1	AH	x	x							
	002914-SS116	3/30/2007	13:30	SO	1	AH	x	x							
	002914-SS117	3/30/2007	13:35	SO	1	AH	x	x	X						

MCP Level Needed: GEI requires the most stringent method MCP standard be met for all analytes whenever possible.

Relinquished by sampler: (signature)	Date:	Time:	Received by: (signature)
1. [signature]	3/30/07	1700	1. GEI FRIDGE
Relinquished by: (signature) 2. GEI fridge	4/3/07	1252	Received by: (signature) 2. Andrea Igo
Relinquished by: (signature) 3. Andrea Igo	4/3/07	1252	Received by: (signature) 3. [signature]
Relinquished by: (signature) 4.	Date:	Time:	Received by: (signature) 4.

Turnaround Time (Business days)
Normal _X_ Other ____
10-Day ____ 7-Day ____
5-Day ____ 3-Day ____

Before submitting rush turnaround samples, you must notify the laboratory to confirm that the TAT can be achieved.

Additional Requirements/Comments/Remarks:
Pricing per "AMRO Environmental Laboratories Corporation, Price Book 2006 for GEI" DCR Contract Rates

Chain-of-Custody Record

Laboratory: AMRO

Laboratory Job # (Lab Use only)

GEI Consultants
1021 Main Street
Winchester, MA 01890
PH: 781.721.4000
FX: 781.721.4073

Project Information

Project Name: Canton Airport

Project Location: Canton, MA

Project Number: 00291-4

Project Manager: Saskia Oosting

Send Report to: Ray Siegener

Send EDD to: labdata@geiconsultants.com

MCP PRESUMPTIVE CERTAINTY REQUIRED - YES NO

If Yes, Are MCP Analytical Methods Required? YES NO NA

If Yes, Are Drinking Water Samples Submitted? YES NO NA

If Yes, Have You Met Minimum Field QC Requirements? YES NO NA

Sample Handling: Samples Field Filtered YES NO NA

Sampled Shipped With Ice YES NO

Lab Sample Number	Sample ID	Collection Date	Collection Time	Matrix	No. of Bottles	Sampler's Initials	PCBs (Preservative: None)	TOC (Preservative: None)	metals						Sample Specific Remarks
	002914-SS118	3/30/2007	14:05	SO	1	AH	x	x							
	002914-SS119	3/30/2007	14:10	SO	1	AH	x	x							
	002914-SS120	3/30/2007	14:16	SO	1	AH	x	x	X						

MCP Level Needed: GEI requires the most stringent Method 1 MCP standard be met for all analytes whenever possible.

Relinquished by sampler: (signature)	Date:	Time:	Received by: (signature)
1. [signature]	3/30/07	1700	1. GEI Fridge
Relinquished by: (signature) 2. GEI fridge	Date: 4/3/07	Time: 1253	Received by: (signature) 2. [signature]
Relinquished by: (signature) 3. [signature]	Date: 4/3/07	Time: 1253	Received by: (signature) 3. [signature]
Relinquished by: (signature) 4.	Date:	Time:	Received by: (signature) 4.

Turnaround Time (Business days):

Normal _X_ Other ____

10-Day ____ 7-Day ____

5-Day ____ 3-Day ____

Before submitting rush turnaround samples, you must notify the laboratory to confirm that the TAT can be achieved.

Additional Requirements/Comments/Remarks:

Pricing per "AMRO Environmental Laboratories Corporation, Price Book 2006 for GEI" DCR Contract Rates

3/30/2007

GEI CONSULTANTS INC. 008

CLIENT: GEI Consultants, Inc.
Project: 00291-4 Canton Airport
Lab Order: 0705071

CASE NARRATIVE

METALS:

1. Only Barium, Beryllium, Chromium, Lead, Nickel, Vanadium and Zinc were reported per the client request.

MADEP MCP Analytical Method Report Certification Form

Laboratory Name: AMRO Environmental Laboratories, Inc. Project Number: 0705071

Project Location: 00291-4 Canton Airport MADEP RTN [1]

0705071-01 0705071-08	0705071-02 0705071-09	0705071-03 0705071-10	0705071-04 0705071-11	0705071-05 0705071-12	0705071-06	0705071-07

Sample Matrices: Ground Water ☐ Soil / Sediment ☑ Drinking Water ☐ OtherMatrix ☐

MCP SW-846 Methods Used	8260B ☐	8151A ☐	8330 ☐	6010B ☑	7470A/1A ☐
	8270C ☐	8081A ☐	VPH ☐	6020 ☐	9014M [2] ☐
As specified in MADEP Compendium of Analytical Methods. (check all that apply)	8082 ☐	8021B ☐	EPH ☐	7000S [3] ☐	Other ☐

1 List Release Tracking Number (RTN) if known
2 M - SW-846 Method 9014 or MADEP Physiologically Available Cyanide (PAC) Method
3 S SW-846 Methods 7000 Series List individual method analyte.

An affirmative response to questions A, B, C and D is required for "Presumptive Certainty" status

A	Were all samples received by the laboratory in a condition consistent with that described on the Chain of Custody documentation for the data set?	⦿ Yes ○ No [1]
B	Were all QA/QC procedures required for the specified analytical method(s)included in this report followed, including the requirement to note and discuss in a narrative QC data that did not meet appropriate performance standards or guide lines?	⦿ Yes ○ No [1]
C	Does the analytical data included in this report meet all the requirements for Presumptive Certainty, as described in Section 2.0 of the MADEP document CAM VII A, Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data?	⦿ Yes ○ No [1]
D	**VPH and EPH methods only:** Was the VPH or EPH method run without significant modifications, as specified in Section 11.3?	○ Yes ⦿ ~~No~~ N/A [1]

A response to questions E and F below is required for "Presumptive Certainty" status

E	Were all QC performance standards and recommendations for the specified methods achieved?	⦿ Yes ○ No [1]
F	Were results for all analyte-list compounds / elements for the specified method(s) reported?	○ Yes ⦿ No [1]

[1] All NO answers must be addressed in an attached Environmental Laboratory case narrative.

I, the undersigned, attest under the pains and penalties of perjury that, based upon my personal inqury of those responsible for obtaining the information, the material contained in this analytical report is, to the best of my knowledge and belief, accurate and complete.

Signature: Maria N. Bordus **Position:** President

Printed Name: MARIA N. BORDUS **Date:** 5-21-2007

DATA COMMENT PAGE

Organic Data Qualifiers

ND	Indicates compound was analyzed for, but not detected at or above the reporting limit.
J	Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the data indicates the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than the method detection limit.
H	Method prescribed holding time exceeded.
E	This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
B	This flag is used when the analyte is found in the associated blank as well as in the sample.
R	RPD outside accepted recovery limits
RL	Reporting limit; defined as the lowest concentration the laboratory can accurately quantitate.
S	Spike Recovery outside accepted recovery limits.
#	See Case Narrative

Micro Data Qualifiers

TNTC	Too numerous to count

Inorganic Data Qualifiers

ND or U	Indicates element was analyzed for, but not detected at or above the reporting limit.
J	Indicates a value greater than or equal to the method detection limit, but less than the quantitation limit.
H	Indicates analytical holding time exceedance.
B	Indicates that the analyte is found in the associated blank, as well as in the sample.
MSA	Indicates value determined by the Method of Standard Addition
E	This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
R	RPD outside accepted recovery limits
RL	Reporting limit; defined as the lowest concentration the laboratory can accurately quantitate.
S	Spike Recovery outside accepted recovery limits.
W	Post-digestion spike for Furnace AA analysis is out of control limits (85-115), while sample absorbance is less than 50% of spike absorbance.
*	Duplicate analysis not within control limits.
+	Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995
#	See Case Narrative

Report Comments:

1. Soil, sediment and sludge sample results are reported on a "dry weight" basis.
2. Reporting limits are adjusted for sample size used, dilutions and moisture content, if applicable.

AMRO Environmental Laboratories Corp.

Date: *21-May-07*

CLIENT: GEI Consultants, Inc.
Project: 00291-4 Canton Airport
Lab Order: 0705071

Lab ID: 0705071-01
Collection Date: 3/30/2007 9:25:00 AM
Collection Time:
Client Sample ID: 002914-SS103
Matrix: SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		**SW6010B**				Analyst: **RK**
Barium	57.4	28.9		mg/Kg-dry	1	5/18/2007 6:46:49 PM
Beryllium	ND	0.361		mg/Kg-dry	1	5/18/2007 6:46:49 PM
Chromium	11.7	1.44		mg/Kg-dry	1	5/18/2007 6:46:49 PM
Lead	300	3.61		mg/Kg-dry	1	5/18/2007 6:46:49 PM
Nickel	9.07	5.77		mg/Kg-dry	1	5/18/2007 6:46:49 PM
Vanadium	18.2	7.22		mg/Kg-dry	1	5/18/2007 6:46:49 PM
Zinc	80.2	8.66		mg/Kg-dry	1	5/18/2007 6:46:49 PM

Lab ID: 0705071-02
Collection Date: 3/30/2007 1:35:00 PM
Collection Time:
Client Sample ID: 002914-SS117
Matrix: SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		**SW6010B**				Analyst: **RK**
Barium	ND	33.2		mg/Kg-dry	1	5/18/2007 7:14:41 PM
Beryllium	ND	0.415		mg/Kg-dry	1	5/18/2007 7:14:41 PM
Chromium	13.3	1.66		mg/Kg-dry	1	5/18/2007 7:14:41 PM
Lead	44.9	4.15		mg/Kg-dry	1	5/18/2007 7:14:41 PM
Nickel	9.15	6.63		mg/Kg-dry	1	5/18/2007 7:14:41 PM
Vanadium	29.5	8.29		mg/Kg-dry	1	5/18/2007 7:14:41 PM
Zinc	42.8	9.95		mg/Kg-dry	1	5/18/2007 7:14:41 PM

AMRO Environmental Laboratories Corp.

Date: *21-May-07*

CLIENT: GEI Consultants, Inc. **Lab Order:** 0705071
Project: 00291-4 Canton Airport

Lab ID: 0705071-03 **Collection Date:** 3/30/2007 2:16:00 PM
Collection Time:
Client Sample ID: 002914-SS120 **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		**SW6010B**				Analyst: **RK**
Barium	91.9	81.2		mg/Kg-dry	1	5/18/2007 7:30:13 PM
Beryllium	1.49	1.02		mg/Kg-dry	1	5/18/2007 7:30:13 PM
Chromium	73.1	4.06		mg/Kg-dry	1	5/18/2007 7:30:13 PM
Lead	397	10.2		mg/Kg-dry	1	5/18/2007 7:30:13 PM
Nickel	17.3	16.2		mg/Kg-dry	1	5/18/2007 7:30:13 PM
Vanadium	39.3	20.3		mg/Kg-dry	1	5/18/2007 7:30:13 PM
Zinc	93.6	24.4		mg/Kg-dry	1	5/18/2007 7:30:13 PM

Lab ID: 0705071-04 **Collection Date:** 3/29/2007 3:50:00 PM
Collection Time:
Client Sample ID: 002914-SS109 **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		**SW6010B**				Analyst: **RK**
Barium	ND	28.4		mg/Kg-dry	1	5/18/2007 7:35:41 PM
Beryllium	ND	0.355		mg/Kg-dry	1	5/18/2007 7:35:41 PM
Chromium	12.0	1.42		mg/Kg-dry	1	5/18/2007 7:35:41 PM
Lead	30.0	3.55		mg/Kg-dry	1	5/18/2007 7:35:41 PM
Nickel	8.83	5.68		mg/Kg-dry	1	5/18/2007 7:35:41 PM
Vanadium	18.3	7.10		mg/Kg-dry	1	5/18/2007 7:35:41 PM
Zinc	34.5	8.52		mg/Kg-dry	1	5/18/2007 7:35:41 PM

AMRO Environmental Laboratories Corp.

Date: *21-May-07*

CLIENT: GEI Consultants, Inc.
Project: 00291-4 Canton Airport
Lab Order: 0705071

Lab ID: 0705071-05
Collection Date: 3/29/2007 9:22:00 AM
Collection Time:
Client Sample ID: 002914-SS130
Matrix: SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		**SW6010B**				Analyst: **RK**
Barium	ND	29.2		mg/Kg-dry	1	5/18/2007 7:41:10 PM
Beryllium	ND	0.365		mg/Kg-dry	1	5/18/2007 7:41:10 PM
Chromium	7.89	1.46		mg/Kg-dry	1	5/18/2007 7:41:10 PM
Lead	37.0	3.65		mg/Kg-dry	1	5/18/2007 7:41:10 PM
Nickel	7.12	5.85		mg/Kg-dry	1	5/18/2007 7:41:10 PM
Vanadium	17.4	7.31		mg/Kg-dry	1	5/18/2007 7:41:10 PM
Zinc	24.2	8.77		mg/Kg-dry	1	5/18/2007 7:41:10 PM

Lab ID: 0705071-06
Collection Date: 3/29/2007 1:02:00 PM
Collection Time:
Client Sample ID: 002914-SS134
Matrix: SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		**SW6010B**				Analyst: **RK**
Barium	ND	30.1		mg/Kg-dry	1	5/18/2007 7:46:39 PM
Beryllium	ND	0.377		mg/Kg-dry	1	5/18/2007 7:46:39 PM
Chromium	4.83	1.51		mg/Kg-dry	1	5/18/2007 7:46:39 PM
Lead	10.1	3.77		mg/Kg-dry	1	5/18/2007 7:46:39 PM
Nickel	ND	6.03		mg/Kg-dry	1	5/18/2007 7:46:39 PM
Vanadium	9.05	7.54		mg/Kg-dry	1	5/18/2007 7:46:39 PM
Zinc	11.6	9.04		mg/Kg-dry	1	5/18/2007 7:46:39 PM

AMRO Environmental Laboratories Corp.

Date: *21-May-07*

CLIENT: GEI Consultants, Inc.
Project: 00291-4 Canton Airport

Lab Order: 0705071

Lab ID: 0705071-07
Collection Date: 3/29/2007 10:48:00 AM
Collection Time:
Client Sample ID: 002914-SS140
Matrix: SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		**SW6010B**				Analyst: **RK**
Barium	ND	28.5		mg/Kg-dry	1	5/18/2007 7:52:09 PM
Beryllium	ND	0.356		mg/Kg-dry	1	5/18/2007 7:52:09 PM
Chromium	8.75	1.43		mg/Kg-dry	1	5/18/2007 7:52:09 PM
Lead	15.0	3.56		mg/Kg-dry	1	5/18/2007 7:52:09 PM
Nickel	6.98	5.70		mg/Kg-dry	1	5/18/2007 7:52:09 PM
Vanadium	17.1	7.13		mg/Kg-dry	1	5/18/2007 7:52:09 PM
Zinc	27.0	8.56		mg/Kg-dry	1	5/18/2007 7:52:09 PM

Lab ID: 0705071-08
Collection Date: 3/29/2007 10:12:00 AM
Collection Time:
Client Sample ID: 002914-SS146
Matrix: SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		**SW6010B**				Analyst: **RK**
Barium	ND	30.5		mg/Kg-dry	1	5/18/2007 7:57:39 PM
Beryllium	ND	0.381		mg/Kg-dry	1	5/18/2007 7:57:39 PM
Chromium	11.4	1.52		mg/Kg-dry	1	5/18/2007 7:57:39 PM
Lead	15.2	3.81		mg/Kg-dry	1	5/18/2007 7:57:39 PM
Nickel	8.56	6.09		mg/Kg-dry	1	5/18/2007 7:57:39 PM
Vanadium	18.5	7.61		mg/Kg-dry	1	5/18/2007 7:57:39 PM
Zinc	34.5	9.14		mg/Kg-dry	1	5/18/2007 7:57:39 PM

AMRO Environmental Laboratories Corp.

Date: *21-May-07*

CLIENT: GEI Consultants, Inc.
Project: 00291-4 Canton Airport

Lab Order: 0705071

Lab ID: 0705071-09
Collection Date: 3/28/2007 3:26:00 PM
Collection Time:
Client Sample ID: 002914-SS126
Matrix: SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		**SW6010B**				Analyst: **RK**
Barium	ND	34.7		mg/Kg-dry	1	5/18/2007 8:03:10 PM
Beryllium	ND	0.434		mg/Kg-dry	1	5/18/2007 8:03:10 PM
Chromium	11.1	1.74		mg/Kg-dry	1	5/18/2007 8:03:10 PM
Lead	26.8	4.34		mg/Kg-dry	1	5/18/2007 8:03:10 PM
Nickel	10.9	6.94		mg/Kg-dry	1	5/18/2007 8:03:10 PM
Vanadium	22.9	8.68		mg/Kg-dry	1	5/18/2007 8:03:10 PM
Zinc	29.9	10.4		mg/Kg-dry	1	5/18/2007 8:03:10 PM

Lab ID: 0705071-10
Collection Date: 3/28/2007 3:40:00 PM
Collection Time:
Client Sample ID: 002914-SS128
Matrix: SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		**SW6010B**				Analyst: **RK**
Barium	ND	28.7		mg/Kg-dry	1	5/18/2007 8:08:41 PM
Beryllium	0.383	0.358		mg/Kg-dry	1	5/18/2007 8:08:41 PM
Chromium	15.3	1.43		mg/Kg-dry	1	5/18/2007 8:08:41 PM
Lead	63.9	3.58		mg/Kg-dry	1	5/18/2007 8:08:41 PM
Nickel	13.6	5.73		mg/Kg-dry	1	5/18/2007 8:08:41 PM
Vanadium	29.0	7.17		mg/Kg-dry	1	5/18/2007 8;08:41 PM
Zinc	39.6	8.60		mg/Kg-dry	1	5/18/2007 8:08:41 PM

AMRO Environmental Laboratories Corp.

Date: *21-May-07*

CLIENT: GEI Consultants, Inc.
Project: 00291-4 Canton Airport

Lab Order: 0705071

Lab ID: 0705071-11
Collection Date: 3/5/2007 10:53:00 AM
Collection Time:
Client Sample ID: 002914-TP106 (0-0.5')
Matrix: SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		**SW6010B**				Analyst: **RK**
Barium	ND	90.1		mg/Kg-dry	1	5/18/2007 8:14:07 PM
Beryllium	ND	1.13		mg/Kg-dry	1	5/18/2007 8:14:07 PM
Chromium	16.9	4.51		mg/Kg-dry	1	5/18/2007 8:14:07 PM
Lead	2,580	11.3		mg/Kg-dry	1	5/18/2007 8:14:07 PM
Nickel	19.0	18.0		mg/Kg-dry	1	5/18/2007 8:14:07 PM
Vanadium	52.6	22.5		mg/Kg-dry	1	5/18/2007 8:14:07 PM
Zinc	133	27.0		mg/Kg-dry	1	5/18/2007 8:14:07 PM

Lab ID: 0705071-12
Collection Date: 2/27/2007 12:30:00 PM
Collection Time:
Client Sample ID: 002914-B111 (0-1')
Matrix: SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		**SW6010B**				Analyst: **RK**
Barium	ND	32.0		mg/Kg-dry	1	5/18/2007 8:19:32 PM
Beryllium	ND	0.400		mg/Kg-dry	1	5/18/2007 8:19:32 PM
Chromium	12.3	1.60		mg/Kg-dry	1	5/18/2007 8:19:32 PM
Lead	318	4.00		mg/Kg-dry	1	5/18/2007 8:19:32 PM
Nickel	7.19	6.40		mg/Kg-dry	1	5/18/2007 8:19:32 PM
Vanadium	25.5	8.00		mg/Kg-dry	1	5/18/2007 8:19:32 PM
Zinc	44.4	9.61		mg/Kg-dry	1	5/18/2007 8:19:32 PM

AMRO Environmental Laboratories Corp.

Date: *21-May-07*

CLIENT: GEI Consultants, Inc.
Work Order: 0705071
Project: 00291-4 Canton Airport

QC SUMMARY REPORT

Method Blank

Sample ID: **MB-17129** Batch ID: **17129** Test Code: **SW6010B** Units: **mg/Kg** Analysis Date: **5/18/2007 6:31:21 PM** Prep Date: **5/18/2007**

Client ID: Run ID: **ICP-OPTIMA_070518A** SeqNo: **610536**

Analyte	QC Sample Result	RL	Units	QC Spike Amount	Original Sample Result	%REC	LowLimit	HighLimit	Original Sample or MS Result	%RPD	RPDLimit	Qua
Barium	ND	20	mg/Kg									
Beryllium	ND	0.25	mg/Kg									
Chromium	ND	1.0	mg/Kg									
Lead	ND	2.5	mg/Kg									
Nickel	ND	4.0	mg/Kg									
Vanadium	ND	5.0	mg/Kg									
Zinc	ND	6.0	mg/Kg									

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
NA - Not applicable where J values or ND results occur

AMRO Environmental Laboratories Corp.

Date: *21-May-07*

CLIENT: GEI Consultants, Inc.
Work Order: 0705071
Project: 00291-4 Canton Airport

QC SUMMARY REPORT

Laboratory Control Spike

Sample ID: **LCS-17129** Batch ID: **17129** Test Code: **SW6010B** Units: **mg/Kg** Analysis Date: **5/18/2007 6:35:34 PM** Prep Date: **5/18/2007**

Client ID: Run ID: **ICP-OPTIMA_070518A** SeqNo: **610537**

Analyte	QC Sample Result	RL	Units	QC Spike Amount	Original Sample Result	%REC	LowLimit	HighLimit	Original Sample or MS Result	%RPD	RPDLimit	Qua
Barium	417	20	mg/Kg	403	0	103	80	120	0			
Beryllium	73.77	0.25	mg/Kg	79.7	0	92.6	80	120	0			
Chromium	410.4	1.0	mg/Kg	400	0	103	80	120	0			
Lead	202.4	2.5	mg/Kg	199.8	0	101	80	120	0			
Nickel	415.3	4.0	mg/Kg	398.4	0	104	80	120	0			
Vanadium	403.4	5.0	mg/Kg	400	0	101	80	120	0			
Zinc	376.4	6.0	mg/Kg	398.4	0	94.5	80	120	0			

Sample ID: **LCS-17129D** Batch ID: **17129** Test Code: **SW6010B** Units: **mg/Kg** Analysis Date: **5/18/2007 6:41:18 PM** Prep Date: **5/18/2007**

Client ID: Run ID: **ICP-OPTIMA_070518A** SeqNo: **610538**

Analyte	QC Sample Result	RL	Units	QC Spike Amount	Original Sample Result	%REC	LowLimit	HighLimit	Original Sample or MS Result	%RPD	RPDLimit	Qua
Barium	424	20	mg/Kg	403	0	105	80	120	417	1.67	20	
Beryllium	72.65	0.25	mg/Kg	79.7	0	91.2	80	120	73.77	1.52	20	
Chromium	407	1.0	mg/Kg	400	0	102	80	120	410.4	0.818	20	
Lead	206.3	2.5	mg/Kg	199.8	0	103	80	120	202.4	1.92	20	
Nickel	421.4	4.0	mg/Kg	398.4	0	106	80	120	415.3	1.45	20	
Vanadium	398.7	5.0	mg/Kg	400	0	99.7	80	120	403.4	1.19	20	
Zinc	383.6	6.0	mg/Kg	398.4	0	96.3	80	120	376.4	1.9	20	

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
NA - Not applicable where J values or ND results occur

AMRO Environmental Laboratories Corp.

Date: *21-May-07*

CLIENT: GEI Consultants, Inc.
Work Order: 0705071
Project: 00291-4 Canton Airport

QC SUMMARY REPORT

Sample Matrix Spike

Sample ID: **0705071-01AMS** Batch ID: **17129** Test Code: **SW6010B** Units: **mg/Kg-dry** Analysis Date: **5/18/2007 7:03:08 PM** Prep Date: **5/18/2007**

Client ID: **002914-SS103** Run ID: **ICP-OPTIMA_070518A** SeqNo: **610542**

Analyte	QC Sample Result	RL	Units	QC Spike Amount	Original Sample Result	%REC	LowLimit	HighLimit	Original Sample or MS Result	%RPD	RPDLimit	Qua
Barium	653.3	29	mg/Kg-dry	581.5	57.4	102	75	125	0			
Beryllium	105.4	0.36	mg/Kg-dry	115	0.3326	91.3	75	125	0			
Chromium	593	1.4	mg/Kg-dry	577.2	11.71	101	75	125	0			
Lead	640.7	3.6	mg/Kg-dry	288.3	299.6	118	75	125	0			
Nickel	606.1	5.8	mg/Kg-dry	574.9	9.066	104	75	125	0			
Vanadium	589.1	7.2	mg/Kg-dry	577.2	18.17	98.9	75	125	0			
Zinc	623.3	8.7	mg/Kg-dry	574.9	80.21	94.5	75	125	0			

Sample ID: **0705071-01AMSD** Batch ID: **17129** Test Code: **SW6010B** Units: **mg/Kg-dry** Analysis Date: **5/18/2007 7:08:54 PM** Prep Date: **5/18/2007**

Client ID: **002914-SS103** Run ID: **ICP-OPTIMA_070518A** SeqNo: **610543**

Analyte	QC Sample Result	RL	Units	QC Spike Amount	Original Sample Result	%REC	LowLimit	HighLimit	Original Sample or MS Result	%RPD	RPDLimit	Qua
Barium	654.9	29	mg/Kg-dry	587.2	57.4	102	75	125	653.3	0.245	20	
Beryllium	106	0.36	mg/Kg-dry	116.1	0.3326	91	75	125	105.4	0.626	20	
Chromium	593.4	1.5	mg/Kg-dry	582.9	11.71	99.8	75	125	593	0.0571	20	
Lead	607.6	3.6	mg/Kg-dry	291.1	299.6	106	75	125	640.7	5.3	20	
Nickel	607.4	5.8	mg/Kg-dry	580.5	9.066	103	75	125	606.1	0.212	20	
Vanadium	590.9	7.3	mg/Kg-dry	582.9	18.17	98.3	75	125	589.1	0.311	20	
Zinc	622.6	8.7	mg/Kg-dry	580.5	80.21	93.4	75	125	623.3	0.115	20	

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
NA - Not applicable where J values or ND results occur

AMRO Environmental Laboratories Corp.

Date: *21-May-07*

CLIENT: GEI Consultants, Inc.
Work Order: 0705071
Project: 00291-4 Canton Airport

QC SUMMARY REPORT

Sample Duplicate

Sample ID: **0705071-01AD** Batch ID: **17129** Test Code: **SW6010B** Units: **mg/Kg-dry** Analysis Date: **5/18/2007 6:57:40 PM** Prep Date: **5/18/2007**

Client ID: **002914-SS103** Run ID: **ICP-OPTIMA_070518A** SeqNo: **610541**

Analyte	QC Sample Result	RL	Units	QC Spike Amount	Original Sample Result	%REC	LowLimit	HighLimit	Original Sample or MS Result	%RPD	RPDLimit	Qua
Barium	47.35	28	mg/Kg-dry	0	0	0	0	0	57.4	19.2	20	
Beryllium	0.3223	0.35	mg/Kg-dry	0	0	0	0	0	0.3326	3.13	20	
Chromium	11.68	1.4	mg/Kg-dry	0	0	0	0	0	11.71	0.239	20	
Lead	289.3	3.5	mg/Kg-dry	0	0	0	0	0	299.6	3.5	20	
Nickel	8.254	5.5	mg/Kg-dry	0	0	0	0	0	9.066	9.38	20	
Vanadium	18.3	6.9	mg/Kg-dry	0	0	0	0	0	18.17	0.737	20	
Zinc	72.62	8.3	mg/Kg-dry	0	0	0	0	0	80.21	9.93	20	

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
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