AMRO Environmental Laboratories Corporation

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

June 22, 2007

RECEIVED
JUN 26 2007
GEI CONSULTANTS, INC.

ANALYTICAL TEST RESULTS

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

Subject: 002914 Canton Airport

Workorder No.: 0706039

Dear Raymond Siegener:

AMRO Environmental Laboratories Corp. received 2 samples on 6/7/07 for the analyses presented in the following report.

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 60 days from sample receipt date (90 days for samples from New York). 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 16 pages. This letter is an integral part of your data report. All results in this project relate only to the sample(s) as received by the laboratory and documented in the Chain-of-Custody. This report shall not be reproduced except in full, without the written approval of the laboratory. If you have any questions regarding this project in the future, please refer to the Workorder Number above.

Sincerely,

Nancy Stewart
Vice 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: *22-Jun-07*

CLIENT: GEI Consultants, Inc.
Project: 002914 Canton Airport
Lab Order: 0706039
Date Received: 6/7/07

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Collection Date	Collection Time
0706039-01A	002914-SD123	6/6/07	3:24 PM
0706039-02A	002914-SD124	6/6/07	3:11 PM

AMRO Environmental Laboratories Corp.

22-Jun-07

Lab Order: 0706039
Client: GEI Consultants, Inc.
Project: 002914 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
0706039-01A	002914-SD123	6/6/07 3:24:00 PM	Sediment	EPA 6010B ICP METALS, 3051/6010		6/14/07	
				EPA 3051 SOPREP TOTAL METALS: Micro	6/13/07	17215	
				EPA 8082 PCBS IN SOIL/SOLIDS		6/20/07	
				EPA 3541 SOPREP AUTOSOXHLET: PCBS	6/18/07	17236	
				Percent Moisture		6/11/07	
						R37040	
				TOC, Soil, CFAS18		6/13/07	
						R37062	
0706039-02A	002914-SD124	6/6/07 3:11:00 PM		EPA 6010B ICP METALS, 3051/6010		6/15/07	
				EPA 3051 SOPREP TOTAL METALS: Micro	6/13/07	17215	
				EPA 8082 PCBS IN SOIL/SOLIDS		6/20/07	
				EPA 3541 SOPREP AUTOSOXHLET: PCBS	6/18/07	17236	
				Percent Moisture		6/11/07	
						R37040	
				TOC, Soil, CFAS18		6/13/07	
						R37062	

AMRO Environmental Laboratories Corporation
111 Herrick Street
Merrimack, NH 03054

CHAIN-OF-CUSTODY RECORD

55763

Office: (603) 424-2022
Fax: (603) 429-8496
web: www.amrolabs.com

Project No.:	Project Name:	Project State:	Project Manager:	Samplers (Signature):	AMRO Project No.:
002914	Canton Airport	MA	Saskia Oosting	[signature]	0706039

P.O.#:

Results Needed by:

QUOTE #:

Seal Intact? Yes No N/A

REQUESTED ANALYSES

Sample ID.	Date/Time Sampled	Matrix	Total # of Cont. & Size	Comp.	Grab	PCB's	Total Org. Carbon	Metals: Barium, Beryllium, Chromium, Lead, Nickel, Vanadium	Remarks
002914-55168	6-6-07 1436	Soil	1		✓	✓	✓	✓	Please prepare separate report for sediment samples SD123 + SD124
002914-55169	" 1439	"	1		✓	✓	✓	✓	
002914-55170	" 1442	"	1		✓	✓	✓	✓	
002914-55171	" 1448	"	1		✓	✓	✓	✓	
002914-55172	" 1453	"	1		✓	✓	✓	✓	
002914-55173	" 1537	"	1		✓	✓	✓	✓	
002914-SD123	" 1524	Sed	1		✓	✓	✓	✓	
002914-SD124	" 1511	Sed	1		✓	✓	✓	✓	

Preservative: Cl-HCl, MeOH, N-HNO3, S-H2SO4, Na-NaOH, O- Other

Send Results To: Ray Siegener
rsiegener@geconsultants.com

PRIORITY TURNAROUND TIME AUTHORIZATION
Before submitting samples for expedited TAT, you must have a coded AUTHORIZATION NUMBER
AUTHORIZATION No.: BY:

METALS 8 RCRA ☐ 13 PP ☐ 23 TAL ☐ 14 MCP ☐
Method: 6010 ☐ 200.7 ☐ Other Metals:
Dissolved Metals Field Filtered? YES ☐ NO ☐

PHONE #: FAX #:
E-mail:

MCP Presumptive Certainty Required? YES ☑ NO ☐

MCP Methods Needed: YES ☑ NO ☐

Required Reporting Limits: S-1 ☐ GW-1 ☐ S-2 ☐ GW-2 ☐ S-3 ☐ GW-3 ☐ Other:

Relinquished By:	Date/Time	Received By
[signature]	6-6-07 1700	GEI 166
[signature]	6-7-07 1235	[signature]

AMRO report package level needed:

EDD required:

Please print clearly, legibly and completely. Samples can not be logged in and the turnaround time clock will not start until any ambiguities are resolved.

Samples arriving after 12:00 noon will be tracked and billed as received on the following day.

AMRO policy requires notification in writing to the laboratory in cases where the samples were collected from highly contaminated sites.

KNOWN SITE CONTAMINATION:

White: Lab Copy Yellow: Client Copy

SHEET OF

AMROCOC2004, Rev.3 08/18/04

Geotechnical
Environmental &
Water Resources
Engineering

GEI Consultants

FAX

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

6/7/07	00291-4	1200	3
Date	GEI Project / Proposal No.	Task Code (If Required)	Number of Pages **Including This Page**

To:	Sample Login AMRO
Fax No:	603.429.8496
From:	Saskia Oosting

Message:

Attached are two chains for samples picked up a few minutes ago. I have a couple of changes. For surface water, no TSS is needed. For the other chain, please prepare a separate report for SD123 and SD124 from the other samples.

Please call me if you have questions.

Saskia

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

AMRO Environmental Laboratories Corporation

SAMPLE RECEIPT CHECKLIST

111 Herrick Street
Merrimack, NH 03054
(603) 424-2022

Client: GEL CONSULTANTS
Project Name: CANTON AIRPORT
Ship via: (circle one) Fed Ex., UPS , AMRO Courier, Hand Del., Other Courier, Other:

AMRO ID: 0706039
Date Rec.: 6-7-07
Date Due: 6-14-07

Items to be Checked Upon Receipt	Yes	No	NA	Comments
1. Army Samples received in individual plastic bags?			✓	
2. Custody Seals present?			✓	
3. Custody Seals Intact?			✓	
4. Air Bill included in folder if received?			✓	
5. Is COC included with samples?	✓			
6. Is COC signed and dated by client?	✓			
7. Laboratory receipt temperature. TEMP = 6°				
Samples rec. with ice ✓ ice packs___ neither___				
8. Were samples received the same day they were sampled?		✓		
Is client temperature 4°C ± 2°C?	✓			
If no obtain authorization from the client for the analyses.				
Client authorization from: Date: Obtained by:				
9. Is the COC filled out correctly and completely?	✓			
10. Does the info on the COC match the samples?	✓			
11. Were samples rec. within holding time?	✓			
12. Were all samples properly labeled?	✓			
13. Were all samples properly preserved?	✓			
14. Were proper sample containers used?	✓			
15. Were all samples received intact? (none broken or leaking)	✓			
16. Were VOA vials rec. with no air bubbles?			✓	
17. Were the sample volumes sufficient for requested analysis?	✓			
18. Were all samples received?	✓			
19. VPH and VOA Soils only:			✓	
Sampling Method VPH (circle one): M=Methanol, E=EnCore (air-tight container)				
Sampling Method VOA (circle one): M=Methanol, SB=Sodium Bisulfate, E=EnCore, B=Bulk				
If M or SB:				
Does preservative cover the soil?				
If NO then client must be faxed.				
Does preservation level come close to the fill line on the vial?				
If NO then client must be faxed.				
Were vials provided by AMRO?				
If NO then weights MUST be obtained from client				
Was dry weight aliquot provided?				
If NO then fax client and inform the VOA lab ASAP.				
20. Subcontracted Samples:			✓	
What samples sent:				
Where sent:				
Date:				
Analysis:				
TAT:				
21. Information entered into:				
Internal Tracking Log?	✓			
Dry Weight Log?	✓			
Client Log?			✓	
Composite Log?			✓	
Filtration Log?			✓	

Received By: Date: 6-7-07 Logged in By: CC Date: 6-8-07
Labeled By: CC Date: 6-8-07 Checked By: MG Date: 6-8-07

NA= Not Applicable

CASE NARRATIVE

GC/ECD-PCBs:

No QC deviations were observed.

METALS:

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

WET CHEMISTRY:

No QC deviations were observed.

MADEP MCP Analytical Method Report Certification Form

Laboratory Name: AMRO Environmental Laboratories, Inc. Project Number: 0706039

Project Location: 002914 Canton Airport MADEP RTN [1]

0706039-01	0706039-02					

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 [1]~~ NA PB 6/22/07

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: N Stewart **Position:** Vice President

Printed Name: Nancy Stewart **Date:** 6-25-07

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: *22-Jun-07*

CLIENT: GEI Consultants, Inc.
Project: 002914 Canton Airport
Lab Order: 0706039

Lab ID: 0706039-01
Collection Date: 6/6/07 3:24:00 PM
Collection Time:
Client Sample ID: 002914-SD123
Matrix: SEDIMENT

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
POLYCHLORINATED BIPHENYLS BY MCP METH SW8082						Analyst: FQ
Aroclor 1016	ND	110		µg/Kg-dry	1	6/20/07 6:07:00 PM
Aroclor 1221	ND	110		µg/Kg-dry	1	6/20/07 6:07:00 PM
Aroclor 1232	ND	110		µg/Kg-dry	1	6/20/07 6:07:00 PM
Aroclor 1242	ND	110		µg/Kg-dry	1	6/20/07 6:07:00 PM
Aroclor 1248	ND	110		µg/Kg-dry	1	6/20/07 6:07:00 PM
Aroclor 1254	ND	110		µg/Kg-dry	1	6/20/07 6:07:00 PM
Aroclor 1260	ND	110		µg/Kg-dry	1	6/20/07 6:07:00 PM
Aroclor 1262	ND	110		µg/Kg-dry	1	6/20/07 6:07:00 PM
Aroclor 1268	ND	110		µg/Kg-dry	1	6/20/07 6:07:00 PM
Surr: Tetrachloro-m-xylene	63.1	30-127		%REC	1	6/20/07 6:07:00 PM
Surr: Decachlorobiphenyl	55.4	30-136		%REC	1	6/20/07 6:07:00 PM

Lab ID: 0706039-02
Collection Date: 6/6/07 3:11:00 PM
Collection Time:
Client Sample ID: 002914-SD124
Matrix: SEDIMENT

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
POLYCHLORINATED BIPHENYLS BY MCP METH SW8082						Analyst: FQ
Aroclor 1016	ND	64		µg/Kg-dry	1	6/20/07 6:33:00 PM
Aroclor 1221	ND	64		µg/Kg-dry	1	6/20/07 6:33:00 PM
Aroclor 1232	ND	64		µg/Kg-dry	1	6/20/07 6:33:00 PM
Aroclor 1242	ND	64		µg/Kg-dry	1	6/20/07 6:33:00 PM
Aroclor 1248	ND	64		µg/Kg-dry	1	6/20/07 6:33:00 PM
Aroclor 1254	400	64		µg/Kg-dry	1	6/20/07 6:33:00 PM
Aroclor 1260	300	64		µg/Kg-dry	1	6/20/07 6:33:00 PM
Aroclor 1262	ND	64		µg/Kg-dry	1	6/20/07 6:33:00 PM
Aroclor 1268	ND	64		µg/Kg-dry	1	6/20/07 6:33:00 PM
Surr: Tetrachloro-m-xylene	81.3	30-127		%REC	1	6/20/07 6:33:00 PM
Surr: Decachlorobiphenyl	82.1	30-136		%REC	1	6/20/07 6:33:00 PM

AMRO Environmental Laboratories Corp.

Date: *22-Jun-07*

CLIENT: GEI Consultants, Inc.
Work Order: 0706039
Project: 002914 Canton Airport

QC SUMMARY REPORT

Method Blank

Sample ID **MB-17236** Batch ID: **17236** Test Code: **SW8082** Units: **µg/Kg** Analysis Date **6/19/07 3:33:00 PM** Prep Date **6/18/07**

Client ID: Run ID: **GC-ELVIS_070619A** SeqNo: **616029**

Analyte	QC Sample Result	RL	Units	QC Spike Amount	Original Sample Result	%REC	LowLimit	HighLimit	Original Sample or MS Result	%RPD	RPDLimit	Qua
Aroclor 1016	ND	25	µg/Kg									
Aroclor 1221	ND	25	µg/Kg									
Aroclor 1232	ND	25	µg/Kg									
Aroclor 1242	ND	25	µg/Kg									
Aroclor 1248	ND	25	µg/Kg									
Aroclor 1254	ND	25	µg/Kg									
Aroclor 1260	ND	25	µg/Kg									
Aroclor 1262	ND	25	µg/Kg									
Aroclor 1268	ND	25	µg/Kg									
Surr: Tetrachloro-m-xylene	3.877	0	µg/Kg	8	0	48.5	35	141	0			
Surr: Decachlorobiphenyl	6.465	0	µg/Kg	8	0	80.8	33	144	0			

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

AMRO Environmental Laboratories Corp.

Date: *22-Jun-07*

CLIENT: GEI Consultants, Inc.
Work Order: 0706039
Project: 002914 Canton Airport

QC SUMMARY REPORT

Laboratory Control Spike Duplicate

Sample ID **LCSD-17236** Batch ID: **17236** Test Code: **SW8082** Units: **µg/Kg** Analysis Date **6/20/07 5:40:00 PM** Prep Date **6/18/07**

Client ID: Run ID: **GC-ELVIS_070620A** SeqNo: **615821**

Analyte	QC Sample Result	RL	Units	QC Spike Amount	Original Sample Result	%REC	LowLimit	HighLimit	Original Sample or MS Result	%RPD	RPDLimit	Qua
Aroclor 1016	428.2	25	µg/Kg	500	0	85.6	45	128	408.9	4.62	50	
Aroclor 1260	411	25	µg/Kg	500	0	82.2	40	130	416	1.22	50	
Surr: Tetrachloro-m-xylene	7.509	0	µg/Kg	8	0	93.9	35	141	0	0	0	
Surr: Decachlorobiphenyl	7.104	0	µg/Kg	8	0	88.8	33	144	0	0	0	

Sample ID **LCS-17236** Batch ID: **17236** Test Code: **SW8082** Units: **µg/Kg** Analysis Date **6/19/07 10:23:00 PM** Prep Date **6/18/07**

Client ID: Run ID: **GC-ELVIS_070619B** SeqNo: **615822**

Analyte	QC Sample Result	RL	Units	QC Spike Amount	Original Sample Result	%REC	LowLimit	HighLimit	Original Sample or MS Result	%RPD	RPDLimit	Qua
Aroclor 1016	408.9	25	µg/Kg	500	0	81.8	45	128	0			
Aroclor 1260	416	25	µg/Kg	500	0	83.2	40	130	0			
Surr: Tetrachloro-m-xylene	4.659	0	µg/Kg	8	0	58.2	35	141	0			
Surr: Decachlorobiphenyl	6.73	0	µg/Kg	8	0	84.1	33	144	0			

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

AMRO Environmental Laboratories Corp.

Date: *22-Jun-07*

CLIENT: GEI Consultants, Inc.
Project: 002914 Canton Airport
Lab Order: 0706039

Lab ID: 0706039-01
Collection Date: 6/6/07 3:24:00 PM
Collection Time:
Client Sample ID: 002914-SD123
Matrix: SEDIMENT

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		**SW6010B**				Analyst: **AL**
Barium	ND	107		mg/Kg-dry	1	6/14/07 11:57:32 PM
Beryllium	3.11	1.34		mg/Kg-dry	1	6/14/07 11:57:32 PM
Chromium	23.4	5.35		mg/Kg-dry	1	6/14/07 11:57:32 PM
Lead	17.8	13.4		mg/Kg-dry	1	6/14/07 11:57:32 PM
Nickel	ND	21.4		mg/Kg-dry	1	6/14/07 11:57:32 PM
Vanadium	48.5	26.7		mg/Kg-dry	1	6/14/07 11:57:32 PM
Zinc	57.0	32.1		mg/Kg-dry	1	6/14/07 11:57:32 PM
PERCENT MOISTURE		**D2216**				Analyst: **CB**
Percent Moisture	77.2	0		wt%	1	6/11/07
TOTAL ORGANIC CARBON, SOIL		**CFAS18**				Analyst: **GM**
Total Organic Carbon	570,000	3,100		mg/Kg-dry	1	6/13/07

Lab ID: 0706039-02
Collection Date: 6/6/07 3:11:00 PM
Collection Time:
Client Sample ID: 002914-SD124
Matrix: SEDIMENT

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		**SW6010B**				Analyst: **AL**
Barium	ND	63.8		mg/Kg-dry	1	6/15/07 12:03:30 AM
Beryllium	1.30	0.797		mg/Kg-dry	1	6/15/07 12:03:30 AM
Chromium	40.6	3.19		mg/Kg-dry	1	6/15/07 12:03:30 AM
Lead	178	7.97		mg/Kg-dry	1	6/15/07 12:03:30 AM
Nickel	ND	12.8		mg/Kg-dry	1	6/15/07 12:03:30 AM
Vanadium	36.0	15.9		mg/Kg-dry	1	6/15/07 12:03:30 AM
Zinc	51.3	19.1		mg/Kg-dry	1	6/15/07 12:03:30 AM
PERCENT MOISTURE		**D2216**				Analyst: **CB**
Percent Moisture	60.8	0		wt%	1	6/11/07
TOTAL ORGANIC CARBON, SOIL		**CFAS18**				Analyst: **GM**
Total Organic Carbon	11,000	1,800		mg/Kg-dry	1	6/13/07

AMRO Environmental Laboratories Corp.

Date: *18-Jun-07*

CLIENT: GEI Consultants, Inc.
Work Order: 0706039
Project: 002914 Canton Airport

QC SUMMARY REPORT

Method Blank

Sample ID: **MB-17215** Batch ID: **17215** Test Code: **SW6010B** Units: **mg/Kg** Analysis Date: **6/14/2007 10:04:21 PM** Prep Date: **6/13/2007**
Client ID: Run ID: **ICP-OPTIMA_070614A** SeqNo: **614990**

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									

Sample ID: **MB-R37062** Batch ID: **R37062** Test Code: **CFAS18** Units: **mg/Kg** Analysis Date: **6/13/2007** Prep Date:
Client ID: Run ID: **ING-WET_070613B** SeqNo: **614360**

Analyte	QC Sample Result	RL	Units	QC Spike Amount	Original Sample Result	%REC	LowLimit	HighLimit	Original Sample or MS Result	%RPD	RPDLimit	Qua
Total Organic Carbon	ND	700	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: *18-Jun-07*

CLIENT: GEI Consultants, Inc.
Work Order: 0706039
Project: 002914 Canton Airport

QC SUMMARY REPORT

Laboratory Control Spike

Sample ID: **LCS-17215** Batch ID: **17215** Test Code: **SW6010B** Units: **mg/Kg** Analysis Date: **6/14/2007 10:09:06 PM** Prep Date: **6/13/2007**

Client ID: Run ID: **ICP-OPTIMA_070614A** SeqNo: **614991**

Analyte	QC Sample Result	RL	Units	QC Spike Amount	Original Sample Result	%REC	LowLimit	HighLimit	Original Sample or MS Result	%RPD	RPDLimit	Qua
Barium	398	20	mg/Kg	403	0	98.8	80	120	0			
Beryllium	73.92	0.25	mg/Kg	79.7	0	92.7	80	120	0			
Chromium	406.5	1.0	mg/Kg	400	0	102	80	120	0			
Lead	198.5	2.5	mg/Kg	199.8	0	99.4	80	120	0			
Nickel	400.4	4.0	mg/Kg	398.4	0	100	80	120	0			
Vanadium	402.2	5.0	mg/Kg	400	0	101	80	120	0			
Zinc	400	6.0	mg/Kg	398.4	0	100	80	120	0			

Sample ID: **LCSD-17215** Batch ID: **17215** Test Code: **SW6010B** Units: **mg/Kg** Analysis Date: **6/14/2007 10:26:12 PM** Prep Date: **6/13/2007**

Client ID: Run ID: **ICP-OPTIMA_070614A** SeqNo: **614994**

Analyte	QC Sample Result	RL	Units	QC Spike Amount	Original Sample Result	%REC	LowLimit	HighLimit	Original Sample or MS Result	%RPD	RPDLimit	Qua
Barium	395.8	20	mg/Kg	403	0	98.2	80	120	398	0.567	20	
Beryllium	75.12	0.25	mg/Kg	79.7	0	94.3	80	120	73.92	1.61	20	
Chromium	408.6	1.0	mg/Kg	400	0	102	80	120	406.5	0.513	20	
Lead	200.2	2.5	mg/Kg	199.8	0	100	80	120	198.5	0.859	20	
Nickel	401.3	4.0	mg/Kg	398.4	0	101	80	120	400.4	0.225	20	
Vanadium	405.3	5.0	mg/Kg	400	0	101	80	120	402.2	0.781	20	
Zinc	402.8	6.0	mg/Kg	398.4	0	101	80	120	400	0.698	20	

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NA - Not applicable where J values or ND results occur
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

AMRO Environmental Laboratories Corp.

Date: *18-Jun-07*

CLIENT: GEI Consultants, Inc.
Work Order: 0706039
Project: 002914 Canton Airport

QC SUMMARY REPORT

Laboratory Control Spike

Sample ID: **LCS-R37062** Batch ID: **R37062** Test Code: **CFAS18** Units: **mg/Kg** Analysis Date: **6/13/2007** Prep Date:
Client ID: Run ID: **ING-WET_070613B** SeqNo: **614361**

Analyte	QC Sample Result	RL	Units	QC Spike Amount	Original Sample Result	%REC	LowLimit	HighLimit	Original Sample or MS Result	%RPD	RPDLimit	Qua
Total Organic Carbon	12250	700	mg/Kg	12400	0	98.8	76	124	0			

Sample ID: **LCSD** Batch ID: **R37062** Test Code: **CFAS18** Units: **mg/Kg** Analysis Date: **6/13/2007** Prep Date:
Client ID: Run ID: **ING-WET_070613B** SeqNo: **614402**

Analyte	QC Sample Result	RL	Units	QC Spike Amount	Original Sample Result	%REC	LowLimit	HighLimit	Original Sample or MS Result	%RPD	RPDLimit	Qua
Total Organic Carbon	11010	700	mg/Kg	12400	0	88.8	76	124	12250	10.6	20	

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R - RPD outside accepted recovery limits
NA - Not applicable where J values or ND results occur
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.