AMRO Environmental Laboratories Corporation

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

May 24, 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 DCR Canton Airport

Workorder No.: 0705050

Dear Raymond Siegener:

AMRO Environmental Laboratories Corp. received 3 samples on 5/8/07 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 17 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: *24-May-07*

CLIENT: GEI Consultants, Inc.
Project: 00291-4 DCR Canton Airport
Lab Order: 0705050
Date Received: 5/8/07

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Collection Date	Collection Time
0705050-01A	002914-SD115	5/7/07	12:00 PM
0705050-02A	002914-SD116	5/7/07	12:45 PM
0705050-03A	002914-SD117	5/7/07	1:30 PM

AMRO Environmental Laboratories Corp.

24-May-07

Lab Order: 0705050
Client: GEI Consultants, Inc.
Project: 00291-4 DCR 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
0705050-01A	002914-SD115	5/7/07 12:00:00 PM	Sediment	EPA 6010B ICP METALS, 3051/6010		5/10/07	
				EPA 3051 SOPREP TOTAL METALS: Micro	5/10/07	17087	
				EPA 8082 PCBS IN SOIL/SOLIDS		5/22/07	
				EPA 3541 SOPREP AUTOSOXHLET: PCBS	5/17/07	17126	
				Percent Moisture		5/10/07	
						R36733	
				TOC, Soil, CFAS18		5/18/07	
						R36824	
0705050-02A	002914-SD116	5/7/07 12:45:00 PM		EPA 6010B ICP METALS, 3051/6010		5/10/07	
				EPA 3051 SOPREP TOTAL METALS: Micro	5/10/07	17087	
				EPA 8082 PCBS IN SOIL/SOLIDS		5/22/07	
				EPA 3541 SOPREP AUTOSOXHLET: PCBS	5/17/07	17126	
				Percent Moisture		5/10/07	
						R36733	
				TOC, Soil, CFAS18		5/18/07	
						R36824	
0705050-03A	002914-SD117	5/7/07 1:30:00 PM		EPA 6010B ICP METALS, 3051/6010		5/10/07	
				EPA 3051 SOPREP TOTAL METALS: Micro	5/10/07	17087	
				EPA 8082 PCBS IN SOIL/SOLIDS		5/22/07	
				EPA 3541 SOPREP AUTOSOXHLET: PCBS	5/17/07	17126	
				Percent Moisture		5/10/07	
						R36733	
				TOC, Soil, CFAS18		5/18/07	
						R36824	

Chain-of-Custody Record

Laboratory: AMRO

Laboratory Job # (Lab use only) 0205050

GEI Consultants
400 Unicorn Park Drive
Woburn, MA 01801
PH: 781.721.4000
FX: 781.721.4073

Project Information

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

Page _1_ of __

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	PCB	TOC	Metals (see note)						Sample Specific Remarks
	002914-SD115	5/7/2007	12:00	Sediment	1	AH	X	X	X						
	002914-SD116	5/7/2007	12:45	Sediment	1	BA	X	X	X						
	002914-SD117	5/7/2007	13:30	Sediment	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: (signature)	Date:	Time:	Received by: (signature)
1. Andrea Igo	5/7/07	1900	1. GEI Fridge
2. GEI Fridge	5/8/07	946	2. Andrea Igo
3. Andrea Igo	5/8/07	0946	3. [illegible]
4. [illegible]	5/8/07	1200	4. [illegible]

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
Metals are Ba, Be, Cr, Ni, Pb, Va, and Zn (ABL)

AMRO Environmental Laboratories Corporation

SAMPLE RECEIPT CHECKLIST

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

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

AMRO ID: 0705050
Date Rec.: 5-8-07
Date Due: 5-15-07

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: MG Date: 5-8-07 Logged in By: CC Date: 5-9-07
Labeled By: CC Date: 5-9-07 Checked By: MG Date: 5-10-07

NA= Not Applicable

CASE NARRATIVE

GC/ECD-PCBs

1. No QC deviations were observed.

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:	0705050
Project Location:	00291-4 DCR Canton Airport	MADEP RTN [1]	

0705050-01	0705050-02	0705050-03				

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: Nancy Stewart **Position:** Vice President

Printed Name: Nancy Stewart **Date:** 5-24-07

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: *24-May-07*

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

Lab Order: 0705050

Lab ID: 0705050-01
Collection Date: 5/7/07 12:00:00 PM
Collection Time:
Client Sample ID: 002914-SD115
Matrix: SEDIMENT

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
POLYCHLORINATED BIPHENYLS BY MCP METH SW8082						Analyst: FQ
Aroclor 1016	ND	29		µg/Kg-dry	1	5/22/07 3:42:00 PM
Aroclor 1221	ND	29		µg/Kg-dry	1	5/22/07 3:42:00 PM
Aroclor 1232	ND	29		µg/Kg-dry	1	5/22/07 3:42:00 PM
Aroclor 1242	ND	29		µg/Kg-dry	1	5/22/07 3:42:00 PM
Aroclor 1248	ND	29		µg/Kg-dry	1	5/22/07 3:42:00 PM
Aroclor 1254	64	29		µg/Kg-dry	1	5/22/07 3:42:00 PM
Aroclor 1260	ND	29		µg/Kg-dry	1	5/22/07 3:42:00 PM
Aroclor 1262	ND	29		µg/Kg-dry	1	5/22/07 3:42:00 PM
Aroclor 1268	ND	29		µg/Kg-dry	1	5/22/07 3:42:00 PM
Surr: Tetrachloro-m-xylene	74.6	30-127		%REC	1	5/22/07 3:42:00 PM
Surr: Decachlorobiphenyl	76.7	30-136		%REC	1	5/22/07 3:42:00 PM

Lab ID: 0705050-02
Collection Date: 5/7/07 12:45:00 PM
Collection Time:
Client Sample ID: 002914-SD116
Matrix: SEDIMENT

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
POLYCHLORINATED BIPHENYLS BY MCP METH SW8082						Analyst: FQ
Aroclor 1016	ND	100		µg/Kg-dry	1	5/22/07 4:08:00 PM
Aroclor 1221	ND	100		µg/Kg-dry	1	5/22/07 4:08:00 PM
Aroclor 1232	ND	100		µg/Kg-dry	1	5/22/07 4:08:00 PM
Aroclor 1242	ND	100		µg/Kg-dry	1	5/22/07 4:08:00 PM
Aroclor 1248	ND	100		µg/Kg-dry	1	5/22/07 4:08:00 PM
Aroclor 1254	ND	100		µg/Kg-dry	1	5/22/07 4:08:00 PM
Aroclor 1260	ND	100		µg/Kg-dry	1	5/22/07 4:08:00 PM
Aroclor 1262	ND	100		µg/Kg-dry	1	5/22/07 4:08:00 PM
Aroclor 1268	ND	100		µg/Kg-dry	1	5/22/07 4:08:00 PM
Surr: Tetrachloro-m-xylene	91.3	30-127		%REC	1	5/22/07 4:08:00 PM
Surr: Decachlorobiphenyl	94.3	30-136		%REC	1	5/22/07 4:08:00 PM

AMRO Environmental Laboratories Corp.

Date: *24-May-07*

CLIENT: GEI Consultants, Inc.
Project: 00291-4 DCR Canton Airport
Lab Order: 0705050

Lab ID: 0705050-03
Collection Date: 5/7/07 1:30:00 PM
Collection Time:
Client Sample ID: 002914-SD117
Matrix: SEDIMENT

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
POLYCHLORINATED BIPHENYLS BY MCP METH SW8082						Analyst: **FQ**
Aroclor 1016	ND	100		µg/Kg-dry	1	5/22/07 4:35:00 PM
Aroclor 1221	ND	100		µg/Kg-dry	1	5/22/07 4:35:00 PM
Aroclor 1232	ND	100		µg/Kg-dry	1	5/22/07 4:35:00 PM
Aroclor 1242	ND	100		µg/Kg-dry	1	5/22/07 4:35:00 PM
Aroclor 1248	ND	100		µg/Kg-dry	1	5/22/07 4:35:00 PM
Aroclor 1254	ND	100		µg/Kg-dry	1	5/22/07 4:35:00 PM
Aroclor 1260	ND	100		µg/Kg-dry	1	5/22/07 4:35:00 PM
Aroclor 1262	ND	100		µg/Kg-dry	1	5/22/07 4:35:00 PM
Aroclor 1268	ND	100		µg/Kg-dry	1	5/22/07 4:35:00 PM
Surr: Tetrachloro-m-xylene	43.5	30-127		%REC	1	5/22/07 4:35:00 PM
Surr: Decachlorobiphenyl	49.1	30-136		%REC	1	5/22/07 4:35:00 PM

AMRO Environmental Laboratories Corp.

Date: *24-May-07*

CLIENT: GEI Consultants, Inc.
Work Order: 0705050
Project: 00291-4 DCR Canton Airport

QC SUMMARY REPORT

Method Blank

Sample ID: **MB-17126** Batch ID: **17126** Test Code: **SW8082** Units: **µg/Kg** Analysis Date **5/18/2007 7:11:00 PM** Prep Date: **5/17/2007**

Client ID: Run ID: **GC-ELVIS_070518A** SeqNo: **611197**

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	7.084	0	µg/Kg	8	0	88.5	30	127	0			
Surr: Decachlorobiphenyl	7.059	0	µg/Kg	8	0	88.2	30	136	0			

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: *24-May-07*

CLIENT: GEI Consultants, Inc.
Work Order: 0705050
Project: 00291-4 DCR Canton Airport

QC SUMMARY REPORT

Laboratory Control Spike

Sample ID: **LCS-17126** Batch ID: **17126** Test Code: **SW8082** Units: **µg/Kg** Analysis Date **5/22/2007 2:49:00 PM** Prep Date: **5/17/2007**
Client ID: Run ID: **GC-ELVIS_070522A** SeqNo: **611177**

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	506.9	25	µg/Kg	500	0	101	53	128	0			
Aroclor 1260	506.4	25	µg/Kg	500	0	101	53	137	0			
Surr: Tetrachloro-m-xylene	7.645	0	µg/Kg	8	0	95.6	30	127	0			
Surr: Decachlorobiphenyl	7.189	0	µg/Kg	8	0	89.9	30	136	0			

Sample ID: **LCSD-17126** Batch ID: **17126** Test Code: **SW8082** Units: **µg/Kg** Analysis Date **5/22/2007 3:16:00 PM** Prep Date: **5/17/2007**
Client ID: Run ID: **GC-ELVIS_070522A** SeqNo: **611178**

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	418.4	25	µg/Kg	500	0	83.7	53	128	506.9	19.1	50	
Aroclor 1260	425.9	25	µg/Kg	500	0	85.2	53	137	506.4	17.3	50	
Surr: Tetrachloro-m-xylene	6.885	0	µg/Kg	8	0	86.1	30	127	0	0	0	
Surr: Decachlorobiphenyl	6.59	0	µg/Kg	8	0	82.4	30	136	0	0	0	

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: *24-May-07*

CLIENT: GEI Consultants, Inc. **Lab Order:** 0705050
Project: 00291-4 DCR Canton Airport

Lab ID: 0705050-01 **Collection Date:** 5/7/2007 12:00:00 PM
Collection Time:
Client Sample ID: 002914-SD115 **Matrix:** SEDIMENT

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		**SW6010B**				Analyst: **AL**
Barium	ND	96.4		mg/Kg-dry	1	5/10/2007 6:32:59 PM
Beryllium	ND	1.20		mg/Kg-dry	1	5/10/2007 6:32:59 PM
Chromium	30.8	4.82		mg/Kg-dry	1	5/10/2007 6:32:59 PM
Lead	61.1	12.0		mg/Kg-dry	1	5/10/2007 6:32:59 PM
Nickel	ND	19.3		mg/Kg-dry	1	5/10/2007 6:32:59 PM
Vanadium	33.2	24.1		mg/Kg-dry	1	5/10/2007 6:32:59 PM
Zinc	69.5	28.9		mg/Kg-dry	1	5/10/2007 6:32:59 PM
PERCENT MOISTURE		**D2216**				Analyst: **CB**
Percent Moisture	14.9	0		wt%	1	5/10/2007
TOTAL ORGANIC CARBON, SOIL		**CFAS18**				Analyst: **GM**
Total Organic Carbon	2,200	820		mg/Kg-dry	1	5/18/2007

Lab ID: 0705050-02 **Collection Date:** 5/7/2007 12:45:00 PM
Collection Time:
Client Sample ID: 002914-SD116 **Matrix:** SEDIMENT

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		**SW6010B**				Analyst: **AL**
Barium	ND	97.5		mg/Kg-dry	1	5/10/2007 6:38:29 PM
Beryllium	3.13	1.22		mg/Kg-dry	1	5/10/2007 6:38:29 PM
Chromium	24.3	4.87		mg/Kg-dry	1	5/10/2007 6:38:29 PM
Lead	80.3	12.2		mg/Kg-dry	1	5/10/2007 6:38:29 PM
Nickel	ND	19.5		mg/Kg-dry	1	5/10/2007 6:38:29 PM
Vanadium	24.6	24.4		mg/Kg-dry	1	5/10/2007 6:38:29 PM
Zinc	ND	29.2		mg/Kg-dry	1	5/10/2007 6:38:29 PM
PERCENT MOISTURE		**D2216**				Analyst: **CB**
Percent Moisture	75.3	0		wt%	1	5/10/2007
TOTAL ORGANIC CARBON, SOIL		**CFAS18**				Analyst: **GM**
Total Organic Carbon	310,000	2,800		mg/Kg-dry	1	5/18/2007

AMRO Environmental Laboratories Corp.

Date: *24-May-07*

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

Lab Order: 0705050

Lab ID: 0705050-03

Collection Date: 5/7/2007 1:30:00 PM
Collection Time:

Client Sample ID: 002914-SD117

Matrix: SEDIMENT

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846 - 3051/6010		**SW6010B**				Analyst: **AL**
Barium	66.9	60.7		mg/Kg-dry	1	5/10/2007 6:43:55 PM
Beryllium	2.16	0.759		mg/Kg-dry	1	5/10/2007 6:43:55 PM
Chromium	19.7	3.04		mg/Kg-dry	1	5/10/2007 6:43:55 PM
Lead	70.5	7.59		mg/Kg-dry	1	5/10/2007 6:43:55 PM
Nickel	ND	12.1		mg/Kg-dry	1	5/10/2007 6:43:55 PM
Vanadium	17.0	15.2		mg/Kg-dry	1	5/10/2007 6:43:55 PM
Zinc	43.5	18.2		mg/Kg-dry	1	5/10/2007 6:43:55 PM
PERCENT MOISTURE		**D2216**				Analyst: **CB**
Percent Moisture	75.8	0		wt%	1	5/10/2007
TOTAL ORGANIC CARBON, SOIL		**CFAS18**				Analyst: **GM**
Total Organic Carbon	450,000	2,900		mg/Kg-dry	1	5/18/2007

AMRO Environmental Laboratories Corp.

Date: *24-May-07*

CLIENT: GEI Consultants, Inc.
Work Order: 0705050
Project: 00291-4 DCR Canton Airport

QC SUMMARY REPORT
Method Blank

Sample ID: **MB-17087** Batch ID: **17087** Test Code: **SW6010B** Units: **mg/Kg** Analysis Date: **5/10/2007 5:21:51 PM** Prep Date: **5/10/2007**
Client ID: Run ID: **ICP-OPTIMA_070510A** SeqNo: **608836**

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-R36824** Batch ID: **R36824** Test Code: **CFAS18** Units: **mg/Kg** Analysis Date: **5/18/2007** Prep Date:
Client ID: Run ID: **ING-WET_070518A** SeqNo: **610261**

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: *24-May-07*

CLIENT: GEI Consultants, Inc.
Work Order: 0705050
Project: 00291-4 DCR Canton Airport

QC SUMMARY REPORT

Laboratory Control Spike

Sample ID: **LCS-17087** Batch ID: **17087** Test Code: **SW6010B** Units: **mg/Kg** Analysis Date: **5/10/2007 5:26:05 PM** Prep Date: **5/10/2007**

Client ID: Run ID: **ICP-OPTIMA_070510A** SeqNo: **608837**

Analyte	QC Sample Result	RL	Units	QC Spike Amount	Original Sample Result	%REC	LowLimit	HighLimit	Original Sample or MS Result	%RPD	RPDLimit	Qua
Barium	379.8	20	mg/Kg	403	0	94.2	80	120	0			
Beryllium	71.62	0.25	mg/Kg	79.7	0	89.9	80	120	0			
Chromium	388.2	1.0	mg/Kg	400	0	97	80	120	0			
Lead	186.5	2.5	mg/Kg	199.8	0	93.3	80	120	0			
Nickel	378	4.0	mg/Kg	398.4	0	94.9	80	120	0			
Vanadium	383.9	5.0	mg/Kg	400	0	96	80	120	0			
Zinc	360.5	6.0	mg/Kg	398.4	0	90.5	80	120	0			

Sample ID: **LCSD-17087** Batch ID: **17087** Test Code: **SW6010B** Units: **mg/Kg** Analysis Date: **5/10/2007 5:31:43 PM** Prep Date: **5/10/2007**

Client ID: Run ID: **ICP-OPTIMA_070510A** SeqNo: **608838**

Analyte	QC Sample Result	RL	Units	QC Spike Amount	Original Sample Result	%REC	LowLimit	HighLimit	Original Sample or MS Result	%RPD	RPDLimit	Qua
Barium	382.3	20	mg/Kg	403	0	94.9	80	120	379.8	0.658	20	
Beryllium	71.97	0.25	mg/Kg	79.7	0	90.3	80	120	71.62	0.49	20	
Chromium	386.9	1.0	mg/Kg	400	0	96.7	80	120	388.2	0.33	20	
Lead	188.4	2.5	mg/Kg	199.8	0	94.3	80	120	186.5	1.02	20	
Nickel	377.5	4.0	mg/Kg	398.4	0	94.8	80	120	378	0.121	20	
Vanadium	386.1	5.0	mg/Kg	400	0	96.5	80	120	383.9	0.575	20	
Zinc	361.1	6.0	mg/Kg	398.4	0	90.6	80	120	360.5	0.172	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: *24-May-07*

CLIENT: GEI Consultants, Inc.
Work Order: 0705050
Project: 00291-4 DCR Canton Airport

QC SUMMARY REPORT

Laboratory Control Spike

Sample ID: **LCS-R36824** Batch ID: **R36824** Test Code: **CFAS18** Units: **mg/Kg** Analysis Date: **5/18/2007** Prep Date:

Client ID: Run ID: **ING-WET_070518A** SeqNo: **610262**

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	13810	700	mg/Kg	12400	0	111	76	124	0			

Sample ID: **LCSD** Batch ID: **R36824** Test Code: **CFAS18** Units: **mg/Kg** Analysis Date: **5/18/2007** Prep Date:

Client ID: Run ID: **ING-WET_070518A** SeqNo: **610274**

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	13960	700	mg/Kg	12400	0	113	76	124	13810	1.06	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