



June 13, 2012

Ms. Valerie Woodward
Division of Environmental Remediation
New York State Department of Environmental Conservation
625 Broadway
Albany, New York 12233-7017

**RE: Vatrano Road 2012 Annual Groundwater Monitoring Results
 CHA Project No. 21273.2001.31000**

Dear Ms. Woodward:

As noted in your letter dated March 14, 2011, the need for any subsequent submission of a Periodic Review Report is to be determined by the approval date of the 2010 Periodic Review Report. However, said report has yet to be approved. Since a Periodic Review Report will not be submitted for this year's monitoring event, we are transmitting to you the results obtained during our most recent monitoring event conducted at the Vatrano Road Site. The 2012 sampling event was completed on April 16 and 17, 2012. Enclosed as Attachment A, please find a summary table of the analytical results. The complete laboratory analytical report has been included as Attachment B.

The site was observed to be in overall good condition during the inspection conducted as part of the April 2012 sampling event. All monitoring wells were also observed to be in good condition.

The March 2003 Annual Monitoring event was scheduled to be the third, and final, of three annual monitoring events for the site as specified in the March 1998 Post-closure Monitoring and Maintenance Operations Manual. However, due to levels of PCBs and VOCs detected in the monitoring wells during the 2003 sampling event, CHA recommended that the annual monitoring program continue for an additional year so that any increase or decrease in PCB and VOC concentrations could be observed. However, during each event since 2003, a limited number of the parameters of concern have continued to exceed applicable groundwater standards.

As a result of the continued detection of VOCs and PCBs above NYSDEC groundwater standards, the annual monitoring program has been continually extended. In an overall review of the historical data, contaminant concentrations have either stabilized or are generally decreasing over time, and many parameters are no longer present at concentrations above the reporting limits. However, the 2012 monitoring results continue to indicate the presence of PCBs and VOCs with

some concentrations remaining above standards. As a result, it is proposed that the next monitoring event take place in April 2013.

Please note that the data obtained during this monitoring period is currently being formatted in the New York State Department of Environmental Conservation's (NYSDEC) standardized electronic data deliverable (EDD) format to meet the guidelines specified by the NYSDEC and will be submitted electronically.

Please do not hesitate to contact either of the undersigned with any questions or comments regarding this submission.

Sincerely,



Sarah Newell
Project Geologist



Keith Ziobron
Associate

SDN/
Attachments

cc: Dawn Varacchi-Ives, GE w/ enclosure

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ATTACHMENT A
Groundwater Analytical Results Summary Table



GROUNDWATER ANALYSIS SUMMARY TABLE - DETECTIONS ONLY

Contaminants of Concern

Vatrano Road

Albany, NY

Parameter (ug/l) [*]	WELL NUMBER									
Date Sampled	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9	MW-10**
Total PCB's [0.09]										
Aug-91	ND	5.180	1.200	ND	ND	ND	ND	ND	ND	ND
Jul-97	NA	3.190	0.680	NA	NA	NA	ND	ND	ND	ND
Apr-98	ND	0.383	ND	ND	17.000	ND	ND	ND	ND	ND
Oct-98	ND	0.3J	ND	ND	1.200	ND	ND	ND	ND	ND
Apr-99	ND	1.390	ND	ND	4.800	ND	ND	ND	ND	ND
Oct-99	ND	0.850	ND	ND	2.000	ND	ND	ND	ND	ND
Apr-00	ND	0.610	ND	ND	0.570	ND	ND	ND	ND	ND
Mar-01	ND	1.011	ND	ND	1.400	ND	ND	ND	ND	ND
Mar-02	ND	1.240	ND	ND	0.720	ND	ND	ND	ND	0.220
Mar-03	ND	1.820	ND	ND	6.270	ND	ND	ND	ND	10.300
Apr-04	ND	0.910	ND	ND	12.300	ND	ND	ND	ND	12.200
Apr-05	NA	0.530E	ND	ND	0.138E	0.103	ND	ND	ND	0.088E
Apr-06	ND	0.341	ND	ND	ND	ND	ND	ND	ND	0.071
Apr-07	ND	0.066	ND	ND	0.68	ND	ND	ND	0.561	ND
Apr-08	ND	0.526	ND	ND	ND	ND	ND	ND	0.152	ND
Apr-09	ND	0.480	ND	ND	ND	ND	ND	ND	ND	ND
Apr-10	ND	0.518	ND	ND	ND	ND	ND	ND	ND	ND
Apr-11	0.055 J	0.860	NS†	ND	ND	ND	ND	NS†	ND	0.099 J
Apr-12	ND	0.36 J	NS†	ND	ND	ND	ND	NS†	ND	ND
Trichloroethene [5]										
Aug-91	ND	24	ND	ND	ND	ND	ND	ND	ND	ND
Jul-97	NA	ND	ND	NA	NA	NA	ND	ND	ND	ND
Apr-98	ND	23	ND	ND	ND	ND	ND	ND	ND	ND
Oct-98	ND	89	ND	ND	ND	ND	3J	ND	ND	ND
Apr-99	ND	47	ND	ND	ND	ND	ND	ND	ND	ND
Oct-99	ND	36	ND	ND	ND	ND	2J	ND	ND	ND
Apr-00	ND	22	ND	ND	ND	ND	ND	ND	ND	ND
Mar-01	ND	17	ND	ND	ND	ND	ND	ND	ND	ND
Mar-02	ND	37	ND	ND	ND	ND	ND	ND	ND	ND
Mar-03	ND	20	ND	ND	ND	ND	ND	ND	ND	ND
Apr-04	ND	37	ND	ND	ND	ND	ND	ND	ND	ND
Apr-05	NA	22	ND	ND	ND	ND	ND	ND	ND	ND
Apr-06	ND	23	ND	ND	ND	ND	ND	ND	ND	ND
Apr-07	ND	18	ND	ND	ND	ND	ND	ND	ND	ND
Apr-08	ND	51	ND	ND	ND	ND	ND	ND	ND	ND
Apr-09	ND	55	ND	ND	ND	ND	ND	ND	ND	ND
Apr-10	ND	62	ND	ND	ND	ND	ND	ND	ND	ND
Apr-11	ND	54	NS†	ND	ND	ND	3 J	NS†	ND	ND
Apr-12	ND	69	NS†	ND	ND	ND	2.1	NS†	ND	ND
Tetrachloroethene [5]										
Aug-91	ND	56	ND	ND	ND	ND	ND	ND	ND	ND
Jul-97	NA	20	ND	NA	NA	NA	ND	ND	ND	ND
Apr-98	ND	270	ND	ND	ND	ND	ND	ND	ND	ND
Oct-98	ND	460	ND	ND	ND	ND	3J	ND	ND	ND
Apr-99	ND	160	ND	ND	ND	ND	ND	ND	ND	ND
Oct-99	ND	150	ND	ND	ND	ND	ND	ND	ND	ND
Apr-00	ND	120	ND	ND	ND	ND	ND	ND	ND	ND
Mar-01	ND	140	ND	ND	ND	ND	5	ND	ND	ND
Mar-02	ND	220	ND	ND	ND	ND	ND	ND	ND	ND
Mar-03	ND	110	ND	ND	ND	ND	6.2	ND	ND	ND
Apr-04	ND	160	ND	ND	ND	ND	5.3	ND	ND	ND
Apr-05	NA	160	ND	ND	ND	ND	ND	ND	ND	ND
Apr-06	ND	170	ND	ND	ND	ND	ND	ND	ND	ND
Apr-07	ND	120	ND	ND	ND	ND	ND	ND	ND	ND
Apr-08	ND	180	ND	ND	ND	ND	ND	ND	ND	ND
Apr-09	ND	330	ND	ND	ND	ND	ND	ND	ND	ND
Apr-10	ND	320	ND	ND	ND	ND	ND	ND	ND	ND
Apr-11	ND	200 E	NS†	ND	ND	ND	8.9	NS†	ND	ND
Apr-12	ND	250	NS†	ND	ND	ND	7.6	NS†	ND	ND
1,2 Dichloroethene [5]										
Aug-91	ND	74	4J	7	ND	ND	2J	ND	ND	ND
Jul-97	NA	ND	ND	NA	NA	NA	ND	ND	ND	ND
Apr-98	ND	78	ND	ND	ND	ND	ND	ND	ND	ND
Oct-98	ND	350	4J	10	ND	ND	4J	ND	ND	12
Apr-99	ND	230	ND	7	ND	ND	5	ND	ND	7
Oct-99	ND	130	5	8	ND	ND	5	ND	ND	9
Apr-00	ND	73	ND	5.1	ND	ND	6	ND	ND	5.3
Mar-01	ND	57	9	5	ND	ND	6	ND	ND	ND
Mar-02	ND	160	ND	ND	ND	ND	ND	ND	ND	ND
Mar-03	ND	62	7.5	ND	ND	ND	11	ND	ND	ND
Apr-04	ND	120	9.5	9.1	ND	ND	12	ND	ND	ND
Apr-05	NA	63	ND	5.4	ND	ND	6.3	ND	ND	ND
Apr-06	ND	ND	ND	5.3	ND	ND	5.6	ND	ND	ND
Apr-07	ND	64	ND	ND	ND	ND	6.6	ND	ND	ND
Apr-08	ND	130	ND	ND	ND	ND	5.5	ND	ND	ND
Apr-09	ND	180	ND	7.6	ND	ND	8.3	ND	ND	ND
Apr-10	ND	160	ND	ND	ND	ND	ND	ND	ND	ND
Apr-11	ND	110	NS†	3 J	ND	ND	13	NS†	ND	ND
Apr-12	ND	131.5	NS†	4	ND	ND	3.3	NS†	ND	ND

GROUNDWATER ANALYSIS SUMMARY TABLE - DETECTIONS ONLY

Contaminants of Concern

Vatrano Road

Albany, NY

Parameter (ug/l) [*]	WELL NUMBER									
Date Sampled	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9	MW-10**
Chlorobenzene [5]										
Aug-91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Jul-97	NA	ND	ND	NA	NA	NA	ND	ND	ND	ND
Apr-98	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Oct-98	ND	ND	ND	4J	ND	ND	ND	ND	ND	4J
Apr-99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Oct-99	ND	2J	ND	2J	ND	ND	ND	ND	ND	3J
Apr-00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Mar-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Mar-02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Mar-03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Apr-04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Apr-05	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
Apr-06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Apr-07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Apr-08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Apr-09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Apr-10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Apr-11	ND	7.2	NS†	ND	ND	ND	ND	NS†	ND	ND
Apr-12	ND	3.9	NS†	2.8	ND	ND	ND	NS†	ND	ND
Total Mercury [0.7]										
Aug-91	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Jul-97	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Apr-98	0.8	ND	5.5	ND	ND	ND	ND	ND	3.7	ND
Oct-98	ND	ND	ND	1.0	ND	ND	ND	ND	ND	ND
Apr-99	ND	ND	0.33	0.28	0.20	0.32	ND	ND	0.33	ND
Oct-99	0.20	0.19B	0.16B	0.09B	0.18B	0.19B	0.17B	0.17B	0.21	0.20
Apr-00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Mar-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Mar-02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Mar-03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Apr-04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Apr-05	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
Apr-06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Apr-07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Apr-08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Apr-09	NA ¹	NA ¹	NA ¹	NA ¹	NA ¹	NA ¹	NA ¹	NA ¹	ND	NA ¹
Apr-10	NA ¹	NA ¹	NA ¹	NA ¹	NA ¹	NA ¹	NA ¹	NA ¹	ND	NA ¹
Apr-11	NA ¹	NA ¹	NS†	NA ¹	NA ¹	NA ¹	NA ¹	NS†	ND	NA ¹
Apr-12	NA ¹	NA ¹	NS†	NA ¹	NA ¹	NA ¹	NA ¹	NS†	ND	NA ¹
Total Lead [25]										
Aug-91	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Jul-97	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Apr-98	ND	9	566	143	12	ND	ND	ND	ND	164
Oct-98	13	17	271	794	32.5	11.5	3.8	1.3	ND	20.5
Apr-99	ND	2.7J	170	34.6J	9.6J	41J	ND	ND	16.4J	32.3J
Oct-99	ND	ND	49.2	109	8.4	23.2	ND	ND	13.9	133
Apr-00	ND	ND	ND	21	ND	30	7	ND	ND	22
Mar-01	ND	ND	21	78	11	27	ND	ND	ND	ND
Mar-02	ND	ND	7	ND	ND	ND	ND	ND	ND	ND
Mar-03	ND	ND	ND	384D	ND	ND	ND	ND	ND	ND
Apr-04	ND	ND	ND	21D	7D	9D	ND	ND	ND	6D
Apr-05	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
Apr-06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Apr-07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Apr-08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Apr-09	NA ¹	NA ¹	NA ¹	NA ¹	NA ¹	NA ¹	NA ¹	NA ¹	ND	NA ¹
Apr-10	NA ¹	NA ¹	NA ¹	NA ¹	NA ¹	NA ¹	NA ¹	NA ¹	ND	NA ¹
Apr-11	NA ¹	NA ¹	NS†	NA ¹	NA ¹	NA ¹	NA ¹	NS†	ND	NA ¹
Apr-12	NA ¹	NA ¹	NS†	NA ¹	NA ¹	NA ¹	NA ¹	NS†	ND	NA ¹
Vinyl Chloride [2]										
Apr-08	ND	33	ND	ND	ND	ND	ND	ND	ND	ND
Apr-09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Apr-10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Apr-11	ND	27	NS†	ND	ND	ND	ND	NS†	ND	ND
Apr-12	ND	13	NS†	ND	ND	ND	ND	NS†	ND	ND
1,1-Dichloroethane [5]										
Apr-12	ND	1.2	NS†	ND	ND	ND	ND	NS†	ND	ND
1,2-Dichlorobenzene [3]										
Apr-11	ND	3 J	NS†	ND	ND	ND	ND	NS†	ND	ND
Apr-12	ND	ND	NS†	0.98 J	ND	ND	ND	NS†	ND	ND
1,3-Dichlorobenzene [3]										
Apr-11	ND	5.7	NS†	ND	ND	ND	ND	NS†	ND	ND
Apr-12	ND	2.4	NS†	20	ND	ND	ND	NS†	ND	ND
1,4-Dichlorobenzene [3]										
Apr-11	ND	9.4	NS†	ND	ND	ND	ND	NS†	ND	ND
Apr-12	ND	3.7	NS†	12	ND	ND	ND	NS†	ND	ND
1,2,4-Trichlorobenzene [5]										
Apr-11	ND	5.3	NS†	3 J	ND	ND	ND	NS†	ND	ND
Apr-12	ND	3	NS†	20	0.61 J	ND	ND	NS†	ND	0.54 J
Benzene [1]										
Apr-11	ND	ND	NS†	ND	ND	ND	ND	NS†	5.5	ND
Apr-12	ND	ND	NS†	ND	ND	ND	ND	NS†	ND	ND

[*] Groundwater Standard Guidance Value Shaded Values Are Above The Standard

B = Less Than Contract Detection Limits

ND = Below Detection Limits NA = Not Analyzed J = Semi-qualitative value, Conc. Below CRQCL

D = Filtered sample was non-detect for lead ** Field Duplicate Sample

E = Filtered sample was non-detect for PCBs NS = Not Sampled

1 - Per 3/26/09 conversation with NYSDEC (Gerry Pratt) CHA's request to eliminate this parameter from analysis was granted.

† = Per NYSDEC's letter dated April 15, 2011, CHA's request to discontinue sampling monitoring wells MW-3 and MW-8 was approved.

ATTACHMENT B
Laboratory Analytical Results Package



TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Buffalo

10 Hazelwood Drive

Amherst, NY 14228-2298

Tel: (716)691-2600

TestAmerica Job ID: 480-18826-1

Client Project/Site: Vatrano Road

For:

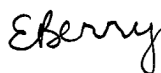
CHA Inc

111 Winner Circle

PO BOX 5269

Albany, New York 12205-0269

Attn: Ms. Sarah Newell



Authorized for release by:

4/25/2012 4:25:40 PM

Eve Berry

Project Administrator

eve.berry@testamericainc.com

Designee for

Peggy Gray-Erdmann

Project Manager II

peggy.gray-erdmann@testamericainc.com

LINKS

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www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: CHA Inc
Project/Site: Vatrano Road

TestAmerica Job ID: 480-18826-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
F	MS or MSD exceeds the control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: CHA Inc
Project/Site: Vatrano Road

TestAmerica Job ID: 480-18826-1

Job ID: 480-18826-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative 480-18826-1

Receipt

The samples were received on 4/19/2012 9:00 AM; the samples arrived in good conditions, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 2.90 C and 3.10 C.

GC/MS VOA

Method(s) 8260B: The following samples were diluted due to the abundance of target analytes: (480-18826-2 MS), (480-18826-2 MSD), MW-2 (480-18826-2). Elevated reporting limits (RLs) are provided.

Method(s) 8260B: The matrix spike (MS) recoveries for batch 61131 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

No other analytical or quality issues were noted.

GC Semi VOA

No analytical or quality issues were noted.

Metals

No analytical or quality issues were noted.

Organic Prep

No analytical or quality issues were noted.

Detection Summary

Client: CHA Inc
Project/Site: Vatrano Road

TestAmerica Job ID: 480-18826-1

Client Sample ID: MW-1

Lab Sample ID: 480-18826-1

No Detections

Client Sample ID: MW-2

Lab Sample ID: 480-18826-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	1.2		1.0	0.38	ug/L	1		8260B	Total/NA
1,2,4-Trichlorobenzene	3.0		1.0	0.41	ug/L	1		8260B	Total/NA
1,3-Dichlorobenzene	2.4		1.0	0.78	ug/L	1		8260B	Total/NA
1,4-Dichlorobenzene	3.7		1.0	0.84	ug/L	1		8260B	Total/NA
Chlorobenzene	3.9		1.0	0.75	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	1.5		1.0	0.90	ug/L	1		8260B	Total/NA
Trichloroethene	69		1.0	0.46	ug/L	1		8260B	Total/NA
Vinyl chloride	13		1.0	0.90	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene - DL	130		4.0	3.2	ug/L	4		8260B	Total/NA
Tetrachloroethene - DL	250		4.0	1.4	ug/L	4		8260B	Total/NA
PCB-1254	0.36	J	0.47	0.24	ug/L	1		8082	Total/NA

Client Sample ID: MW-4

Lab Sample ID: 480-18826-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trichlorobenzene	20		1.0	0.41	ug/L	1		8260B	Total/NA
1,2-Dichlorobenzene	0.98	J	1.0	0.79	ug/L	1		8260B	Total/NA
1,3-Dichlorobenzene	20		1.0	0.78	ug/L	1		8260B	Total/NA
1,4-Dichlorobenzene	12		1.0	0.84	ug/L	1		8260B	Total/NA
Chlorobenzene	2.8		1.0	0.75	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	4.0		1.0	0.81	ug/L	1		8260B	Total/NA

Client Sample ID: MW-5

Lab Sample ID: 480-18826-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trichlorobenzene	0.61	J	1.0	0.41	ug/L	1		8260B	Total/NA

Client Sample ID: MW-6

Lab Sample ID: 480-18826-5

No Detections

Client Sample ID: MW-7

Lab Sample ID: 480-18826-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	3.3		1.0	0.81	ug/L	1		8260B	Total/NA
Tetrachloroethene	7.6		1.0	0.36	ug/L	1		8260B	Total/NA
Trichloroethene	2.1		1.0	0.46	ug/L	1		8260B	Total/NA

Client Sample ID: MW-9

Lab Sample ID: 480-18826-7

No Detections

Client Sample ID: MW-10

Lab Sample ID: 480-18826-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trichlorobenzene	0.54	J	1.0	0.41	ug/L	1		8260B	Total/NA

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-18826-9

No Detections

Client Sample Results

Client: CHA Inc
Project/Site: Vatrano Road

TestAmerica Job ID: 480-18826-1

Client Sample ID: MW-1

Date Collected: 04/17/12 13:15

Date Received: 04/19/12 09:00

Lab Sample ID: 480-18826-1

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			04/23/12 16:56	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/23/12 16:56	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			04/23/12 16:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			04/23/12 16:56	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			04/23/12 16:56	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			04/23/12 16:56	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/23/12 16:56	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			04/23/12 16:56	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			04/23/12 16:56	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/23/12 16:56	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/23/12 16:56	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			04/23/12 16:56	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/23/12 16:56	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/23/12 16:56	1
2-Hexanone	ND		5.0	1.2	ug/L			04/23/12 16:56	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/23/12 16:56	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			04/23/12 16:56	1
Acetone	ND		10	3.0	ug/L			04/23/12 16:56	1
Benzene	ND		1.0	0.41	ug/L			04/23/12 16:56	1
Bromodichloromethane	ND		1.0	0.39	ug/L			04/23/12 16:56	1
Bromoform	ND		1.0	0.26	ug/L			04/23/12 16:56	1
Bromomethane	ND		1.0	0.69	ug/L			04/23/12 16:56	1
Carbon disulfide	ND		1.0	0.19	ug/L			04/23/12 16:56	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			04/23/12 16:56	1
Chlorobenzene	ND		1.0	0.75	ug/L			04/23/12 16:56	1
Dibromochloromethane	ND		1.0	0.32	ug/L			04/23/12 16:56	1
Chloroethane	ND		1.0	0.32	ug/L			04/23/12 16:56	1
Chloroform	ND		1.0	0.34	ug/L			04/23/12 16:56	1
Chloromethane	ND		1.0	0.35	ug/L			04/23/12 16:56	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			04/23/12 16:56	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			04/23/12 16:56	1
Cyclohexane	ND		1.0	0.18	ug/L			04/23/12 16:56	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			04/23/12 16:56	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/23/12 16:56	1
Isopropylbenzene	ND		1.0	0.79	ug/L			04/23/12 16:56	1
Methyl acetate	ND		1.0	0.50	ug/L			04/23/12 16:56	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			04/23/12 16:56	1
Methylcyclohexane	ND		1.0	0.16	ug/L			04/23/12 16:56	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/23/12 16:56	1
Styrene	ND		1.0	0.73	ug/L			04/23/12 16:56	1
Tetrachloroethene	ND		1.0	0.36	ug/L			04/23/12 16:56	1
Toluene	ND		1.0	0.51	ug/L			04/23/12 16:56	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			04/23/12 16:56	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			04/23/12 16:56	1
Trichloroethene	ND		1.0	0.46	ug/L			04/23/12 16:56	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			04/23/12 16:56	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/23/12 16:56	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/23/12 16:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		66 - 137		04/23/12 16:56	1

Client Sample Results

Client: CHA Inc
Project/Site: Vatrano Road

TestAmerica Job ID: 480-18826-1

Client Sample ID: MW-1

Date Collected: 04/17/12 13:15

Date Received: 04/19/12 09:00

Lab Sample ID: 480-18826-1

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	102		71 - 126		04/23/12 16:56	1
4-Bromofluorobenzene (Surr)	98		73 - 120		04/23/12 16:56	1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.48	0.17	ug/L		04/21/12 07:59	04/22/12 09:29	1
PCB-1221	ND		0.48	0.17	ug/L		04/21/12 07:59	04/22/12 09:29	1
PCB-1232	ND		0.48	0.17	ug/L		04/21/12 07:59	04/22/12 09:29	1
PCB-1242	ND		0.48	0.17	ug/L		04/21/12 07:59	04/22/12 09:29	1
PCB-1248	ND		0.48	0.17	ug/L		04/21/12 07:59	04/22/12 09:29	1
PCB-1254	ND		0.48	0.24	ug/L		04/21/12 07:59	04/22/12 09:29	1
PCB-1260	ND		0.48	0.24	ug/L		04/21/12 07:59	04/22/12 09:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	29		19 - 112				04/21/12 07:59	04/22/12 09:29	1
Tetrachloro-m-xylene	66		23 - 127				04/21/12 07:59	04/22/12 09:29	1

Client Sample ID: MW-2

Date Collected: 04/18/12 10:25

Date Received: 04/19/12 09:00

Lab Sample ID: 480-18826-2

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			04/23/12 17:21	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/23/12 17:21	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			04/23/12 17:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			04/23/12 17:21	1
1,1-Dichloroethane	1.2		1.0	0.38	ug/L			04/23/12 17:21	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			04/23/12 17:21	1
1,2,4-Trichlorobenzene	3.0		1.0	0.41	ug/L			04/23/12 17:21	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			04/23/12 17:21	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			04/23/12 17:21	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/23/12 17:21	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/23/12 17:21	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			04/23/12 17:21	1
1,3-Dichlorobenzene	2.4		1.0	0.78	ug/L			04/23/12 17:21	1
1,4-Dichlorobenzene	3.7		1.0	0.84	ug/L			04/23/12 17:21	1
2-Hexanone	ND		5.0	1.2	ug/L			04/23/12 17:21	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/23/12 17:21	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			04/23/12 17:21	1
Acetone	ND		10	3.0	ug/L			04/23/12 17:21	1
Benzene	ND		1.0	0.41	ug/L			04/23/12 17:21	1
Bromodichloromethane	ND		1.0	0.39	ug/L			04/23/12 17:21	1
Bromoform	ND		1.0	0.26	ug/L			04/23/12 17:21	1
Bromomethane	ND		1.0	0.69	ug/L			04/23/12 17:21	1
Carbon disulfide	ND		1.0	0.19	ug/L			04/23/12 17:21	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			04/23/12 17:21	1
Chlorobenzene	3.9		1.0	0.75	ug/L			04/23/12 17:21	1
Dibromochloromethane	ND		1.0	0.32	ug/L			04/23/12 17:21	1
Chloroethane	ND		1.0	0.32	ug/L			04/23/12 17:21	1
Chloroform	ND		1.0	0.34	ug/L			04/23/12 17:21	1

Client Sample Results

Client: CHA Inc
Project/Site: Vatrano Road

TestAmerica Job ID: 480-18826-1

Client Sample ID: MW-2

Lab Sample ID: 480-18826-2

Date Collected: 04/18/12 10:25

Matrix: Water

Date Received: 04/19/12 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	ND		1.0	0.35	ug/L			04/23/12 17:21	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			04/23/12 17:21	1
Cyclohexane	ND		1.0	0.18	ug/L			04/23/12 17:21	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			04/23/12 17:21	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/23/12 17:21	1
Isopropylbenzene	ND		1.0	0.79	ug/L			04/23/12 17:21	1
Methyl acetate	ND		1.0	0.50	ug/L			04/23/12 17:21	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			04/23/12 17:21	1
Methylcyclohexane	ND		1.0	0.16	ug/L			04/23/12 17:21	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/23/12 17:21	1
Styrene	ND		1.0	0.73	ug/L			04/23/12 17:21	1
Toluene	ND		1.0	0.51	ug/L			04/23/12 17:21	1
trans-1,2-Dichloroethene	1.5		1.0	0.90	ug/L			04/23/12 17:21	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			04/23/12 17:21	1
Trichloroethene	69		1.0	0.46	ug/L			04/23/12 17:21	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			04/23/12 17:21	1
Vinyl chloride	13		1.0	0.90	ug/L			04/23/12 17:21	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/23/12 17:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		66 - 137		04/23/12 17:21	1
Toluene-d8 (Surr)	104		71 - 126		04/23/12 17:21	1
4-Bromofluorobenzene (Surr)	100		73 - 120		04/23/12 17:21	1

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	130		4.0	3.2	ug/L			04/24/12 03:58	4
Tetrachloroethene	250		4.0	1.4	ug/L			04/24/12 03:58	4

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		66 - 137		04/24/12 03:58	4
Toluene-d8 (Surr)	100		71 - 126		04/24/12 03:58	4
4-Bromofluorobenzene (Surr)	96		73 - 120		04/24/12 03:58	4

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.47	0.17	ug/L		04/21/12 07:59	04/22/12 09:45	1
PCB-1221	ND		0.47	0.17	ug/L		04/21/12 07:59	04/22/12 09:45	1
PCB-1232	ND		0.47	0.17	ug/L		04/21/12 07:59	04/22/12 09:45	1
PCB-1242	ND		0.47	0.17	ug/L		04/21/12 07:59	04/22/12 09:45	1
PCB-1248	ND		0.47	0.17	ug/L		04/21/12 07:59	04/22/12 09:45	1
PCB-1254	0.36	J	0.47	0.24	ug/L		04/21/12 07:59	04/22/12 09:45	1
PCB-1260	ND		0.47	0.24	ug/L		04/21/12 07:59	04/22/12 09:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	59		19 - 112	04/21/12 07:59	04/22/12 09:45	1
Tetrachloro-m-xylene	80		23 - 127	04/21/12 07:59	04/22/12 09:45	1

Client Sample Results

Client: CHA Inc
Project/Site: Vatrano Road

TestAmerica Job ID: 480-18826-1

Client Sample ID: MW-4

Lab Sample ID: 480-18826-3

Date Collected: 04/17/12 15:30

Matrix: Water

Date Received: 04/19/12 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			04/24/12 04:23	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/24/12 04:23	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			04/24/12 04:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			04/24/12 04:23	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			04/24/12 04:23	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			04/24/12 04:23	1
1,2,4-Trichlorobenzene	20		1.0	0.41	ug/L			04/24/12 04:23	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			04/24/12 04:23	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			04/24/12 04:23	1
1,2-Dichlorobenzene	0.98	J	1.0	0.79	ug/L			04/24/12 04:23	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/24/12 04:23	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			04/24/12 04:23	1
1,3-Dichlorobenzene	20		1.0	0.78	ug/L			04/24/12 04:23	1
1,4-Dichlorobenzene	12		1.0	0.84	ug/L			04/24/12 04:23	1
2-Hexanone	ND		5.0	1.2	ug/L			04/24/12 04:23	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/24/12 04:23	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			04/24/12 04:23	1
Acetone	ND		10	3.0	ug/L			04/24/12 04:23	1
Benzene	ND		1.0	0.41	ug/L			04/24/12 04:23	1
Bromodichloromethane	ND		1.0	0.39	ug/L			04/24/12 04:23	1
Bromoform	ND		1.0	0.26	ug/L			04/24/12 04:23	1
Bromomethane	ND		1.0	0.69	ug/L			04/24/12 04:23	1
Carbon disulfide	ND		1.0	0.19	ug/L			04/24/12 04:23	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			04/24/12 04:23	1
Chlorobenzene	2.8		1.0	0.75	ug/L			04/24/12 04:23	1
Dibromochloromethane	ND		1.0	0.32	ug/L			04/24/12 04:23	1
Chloroethane	ND		1.0	0.32	ug/L			04/24/12 04:23	1
Chloroform	ND		1.0	0.34	ug/L			04/24/12 04:23	1
Chloromethane	ND		1.0	0.35	ug/L			04/24/12 04:23	1
cis-1,2-Dichloroethene	4.0		1.0	0.81	ug/L			04/24/12 04:23	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			04/24/12 04:23	1
Cyclohexane	ND		1.0	0.18	ug/L			04/24/12 04:23	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			04/24/12 04:23	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/24/12 04:23	1
Isopropylbenzene	ND		1.0	0.79	ug/L			04/24/12 04:23	1
Methyl acetate	ND		1.0	0.50	ug/L			04/24/12 04:23	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			04/24/12 04:23	1
Methylcyclohexane	ND		1.0	0.16	ug/L			04/24/12 04:23	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/24/12 04:23	1
Styrene	ND		1.0	0.73	ug/L			04/24/12 04:23	1
Tetrachloroethene	ND		1.0	0.36	ug/L			04/24/12 04:23	1
Toluene	ND		1.0	0.51	ug/L			04/24/12 04:23	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			04/24/12 04:23	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			04/24/12 04:23	1
Trichloroethene	ND		1.0	0.46	ug/L			04/24/12 04:23	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			04/24/12 04:23	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/24/12 04:23	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/24/12 04:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		66 - 137		04/24/12 04:23	1

Client Sample Results

Client: CHA Inc
Project/Site: Vatrano Road

TestAmerica Job ID: 480-18826-1

Client Sample ID: MW-4

Date Collected: 04/17/12 15:30

Date Received: 04/19/12 09:00

Lab Sample ID: 480-18826-3

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	102		71 - 126		04/24/12 04:23	1
4-Bromofluorobenzene (Surr)	97		73 - 120		04/24/12 04:23	1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.47	0.17	ug/L		04/21/12 07:59	04/22/12 10:00	1
PCB-1221	ND		0.47	0.17	ug/L		04/21/12 07:59	04/22/12 10:00	1
PCB-1232	ND		0.47	0.17	ug/L		04/21/12 07:59	04/22/12 10:00	1
PCB-1242	ND		0.47	0.17	ug/L		04/21/12 07:59	04/22/12 10:00	1
PCB-1248	ND		0.47	0.17	ug/L		04/21/12 07:59	04/22/12 10:00	1
PCB-1254	ND		0.47	0.24	ug/L		04/21/12 07:59	04/22/12 10:00	1
PCB-1260	ND		0.47	0.24	ug/L		04/21/12 07:59	04/22/12 10:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	42		19 - 112				04/21/12 07:59	04/22/12 10:00	1
Tetrachloro-m-xylene	79		23 - 127				04/21/12 07:59	04/22/12 10:00	1

Client Sample ID: MW-5

Date Collected: 04/17/12 14:45

Date Received: 04/19/12 09:00

Lab Sample ID: 480-18826-4

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			04/23/12 18:11	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/23/12 18:11	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			04/23/12 18:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			04/23/12 18:11	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			04/23/12 18:11	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			04/23/12 18:11	1
1,2,4-Trichlorobenzene	0.61	J	1.0	0.41	ug/L			04/23/12 18:11	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			04/23/12 18:11	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			04/23/12 18:11	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/23/12 18:11	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/23/12 18:11	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			04/23/12 18:11	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/23/12 18:11	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/23/12 18:11	1
2-Hexanone	ND		5.0	1.2	ug/L			04/23/12 18:11	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/23/12 18:11	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			04/23/12 18:11	1
Acetone	ND		10	3.0	ug/L			04/23/12 18:11	1
Benzene	ND		1.0	0.41	ug/L			04/23/12 18:11	1
Bromodichloromethane	ND		1.0	0.39	ug/L			04/23/12 18:11	1
Bromoform	ND		1.0	0.26	ug/L			04/23/12 18:11	1
Bromomethane	ND		1.0	0.69	ug/L			04/23/12 18:11	1
Carbon disulfide	ND		1.0	0.19	ug/L			04/23/12 18:11	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			04/23/12 18:11	1
Chlorobenzene	ND		1.0	0.75	ug/L			04/23/12 18:11	1
Dibromochloromethane	ND		1.0	0.32	ug/L			04/23/12 18:11	1
Chloroethane	ND		1.0	0.32	ug/L			04/23/12 18:11	1
Chloroform	ND		1.0	0.34	ug/L			04/23/12 18:11	1

Client Sample Results

Client: CHA Inc
Project/Site: Vatrano Road

TestAmerica Job ID: 480-18826-1

Client Sample ID: MW-5

Lab Sample ID: 480-18826-4

Date Collected: 04/17/12 14:45

Matrix: Water

Date Received: 04/19/12 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	ND		1.0	0.35	ug/L			04/23/12 18:11	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			04/23/12 18:11	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			04/23/12 18:11	1
Cyclohexane	ND		1.0	0.18	ug/L			04/23/12 18:11	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			04/23/12 18:11	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/23/12 18:11	1
Isopropylbenzene	ND		1.0	0.79	ug/L			04/23/12 18:11	1
Methyl acetate	ND		1.0	0.50	ug/L			04/23/12 18:11	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			04/23/12 18:11	1
Methylcyclohexane	ND		1.0	0.16	ug/L			04/23/12 18:11	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/23/12 18:11	1
Styrene	ND		1.0	0.73	ug/L			04/23/12 18:11	1
Tetrachloroethene	ND		1.0	0.36	ug/L			04/23/12 18:11	1
Toluene	ND		1.0	0.51	ug/L			04/23/12 18:11	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			04/23/12 18:11	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			04/23/12 18:11	1
Trichloroethene	ND		1.0	0.46	ug/L			04/23/12 18:11	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			04/23/12 18:11	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/23/12 18:11	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/23/12 18:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		66 - 137		04/23/12 18:11	1
Toluene-d8 (Surr)	103		71 - 126		04/23/12 18:11	1
4-Bromofluorobenzene (Surr)	98		73 - 120		04/23/12 18:11	1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.49	0.17	ug/L		04/21/12 07:59	04/22/12 10:16	1
PCB-1221	ND		0.49	0.17	ug/L		04/21/12 07:59	04/22/12 10:16	1
PCB-1232	ND		0.49	0.17	ug/L		04/21/12 07:59	04/22/12 10:16	1
PCB-1242	ND		0.49	0.17	ug/L		04/21/12 07:59	04/22/12 10:16	1
PCB-1248	ND		0.49	0.17	ug/L		04/21/12 07:59	04/22/12 10:16	1
PCB-1254	ND		0.49	0.24	ug/L		04/21/12 07:59	04/22/12 10:16	1
PCB-1260	ND		0.49	0.24	ug/L		04/21/12 07:59	04/22/12 10:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	49		19 - 112	04/21/12 07:59	04/22/12 10:16	1
Tetrachloro-m-xylene	83		23 - 127	04/21/12 07:59	04/22/12 10:16	1

Client Sample ID: MW-6

Lab Sample ID: 480-18826-5

Date Collected: 04/17/12 10:50

Matrix: Water

Date Received: 04/19/12 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			04/23/12 18:36	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/23/12 18:36	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			04/23/12 18:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			04/23/12 18:36	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			04/23/12 18:36	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			04/23/12 18:36	1

Client Sample Results

Client: CHA Inc
Project/Site: Vatrano Road

TestAmerica Job ID: 480-18826-1

Client Sample ID: MW-6

Lab Sample ID: 480-18826-5

Date Collected: 04/17/12 10:50

Matrix: Water

Date Received: 04/19/12 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/23/12 18:36	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			04/23/12 18:36	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			04/23/12 18:36	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/23/12 18:36	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/23/12 18:36	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			04/23/12 18:36	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/23/12 18:36	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/23/12 18:36	1
2-Hexanone	ND		5.0	1.2	ug/L			04/23/12 18:36	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/23/12 18:36	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			04/23/12 18:36	1
Acetone	ND		10	3.0	ug/L			04/23/12 18:36	1
Benzene	ND		1.0	0.41	ug/L			04/23/12 18:36	1
Bromodichloromethane	ND		1.0	0.39	ug/L			04/23/12 18:36	1
Bromoform	ND		1.0	0.26	ug/L			04/23/12 18:36	1
Bromomethane	ND		1.0	0.69	ug/L			04/23/12 18:36	1
Carbon disulfide	ND		1.0	0.19	ug/L			04/23/12 18:36	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			04/23/12 18:36	1
Chlorobenzene	ND		1.0	0.75	ug/L			04/23/12 18:36	1
Dibromochloromethane	ND		1.0	0.32	ug/L			04/23/12 18:36	1
Chloroethane	ND		1.0	0.32	ug/L			04/23/12 18:36	1
Chloroform	ND		1.0	0.34	ug/L			04/23/12 18:36	1
Chloromethane	ND		1.0	0.35	ug/L			04/23/12 18:36	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			04/23/12 18:36	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			04/23/12 18:36	1
Cyclohexane	ND		1.0	0.18	ug/L			04/23/12 18:36	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			04/23/12 18:36	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/23/12 18:36	1
Isopropylbenzene	ND		1.0	0.79	ug/L			04/23/12 18:36	1
Methyl acetate	ND		1.0	0.50	ug/L			04/23/12 18:36	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			04/23/12 18:36	1
Methylcyclohexane	ND		1.0	0.16	ug/L			04/23/12 18:36	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/23/12 18:36	1
Styrene	ND		1.0	0.73	ug/L			04/23/12 18:36	1
Tetrachloroethene	ND		1.0	0.36	ug/L			04/23/12 18:36	1
Toluene	ND		1.0	0.51	ug/L			04/23/12 18:36	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			04/23/12 18:36	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			04/23/12 18:36	1
Trichloroethene	ND		1.0	0.46	ug/L			04/23/12 18:36	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			04/23/12 18:36	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/23/12 18:36	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/23/12 18:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		66 - 137		04/23/12 18:36	1
Toluene-d8 (Surr)	102		71 - 126		04/23/12 18:36	1
4-Bromofluorobenzene (Surr)	98		73 - 120		04/23/12 18:36	1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.48	0.17	ug/L		04/21/12 07:59	04/22/12 10:32	1

Client Sample Results

Client: CHA Inc
Project/Site: Vatrano Road

TestAmerica Job ID: 480-18826-1

Client Sample ID: MW-6

Date Collected: 04/17/12 10:50

Date Received: 04/19/12 09:00

Lab Sample ID: 480-18826-5

Matrix: Water

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		0.48	0.17	ug/L		04/21/12 07:59	04/22/12 10:32	1
PCB-1232	ND		0.48	0.17	ug/L		04/21/12 07:59	04/22/12 10:32	1
PCB-1242	ND		0.48	0.17	ug/L		04/21/12 07:59	04/22/12 10:32	1
PCB-1248	ND		0.48	0.17	ug/L		04/21/12 07:59	04/22/12 10:32	1
PCB-1254	ND		0.48	0.24	ug/L		04/21/12 07:59	04/22/12 10:32	1
PCB-1260	ND		0.48	0.24	ug/L		04/21/12 07:59	04/22/12 10:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	45		19 - 112				04/21/12 07:59	04/22/12 10:32	1
Tetrachloro-m-xylene	88		23 - 127				04/21/12 07:59	04/22/12 10:32	1

Client Sample ID: MW-7

Date Collected: 04/17/12 12:00

Date Received: 04/19/12 09:00

Lab Sample ID: 480-18826-6

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			04/23/12 19:01	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/23/12 19:01	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			04/23/12 19:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			04/23/12 19:01	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			04/23/12 19:01	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			04/23/12 19:01	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/23/12 19:01	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			04/23/12 19:01	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			04/23/12 19:01	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/23/12 19:01	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/23/12 19:01	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			04/23/12 19:01	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/23/12 19:01	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/23/12 19:01	1
2-Hexanone	ND		5.0	1.2	ug/L			04/23/12 19:01	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/23/12 19:01	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			04/23/12 19:01	1
Acetone	ND		10	3.0	ug/L			04/23/12 19:01	1
Benzene	ND		1.0	0.41	ug/L			04/23/12 19:01	1
Bromodichloromethane	ND		1.0	0.39	ug/L			04/23/12 19:01	1
Bromoform	ND		1.0	0.26	ug/L			04/23/12 19:01	1
Bromomethane	ND		1.0	0.69	ug/L			04/23/12 19:01	1
Carbon disulfide	ND		1.0	0.19	ug/L			04/23/12 19:01	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			04/23/12 19:01	1
Chlorobenzene	ND		1.0	0.75	ug/L			04/23/12 19:01	1
Dibromochloromethane	ND		1.0	0.32	ug/L			04/23/12 19:01	1
Chloroethane	ND		1.0	0.32	ug/L			04/23/12 19:01	1
Chloroform	ND		1.0	0.34	ug/L			04/23/12 19:01	1
Chloromethane	ND		1.0	0.35	ug/L			04/23/12 19:01	1
cis-1,2-Dichloroethene	3.3		1.0	0.81	ug/L			04/23/12 19:01	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			04/23/12 19:01	1
Cyclohexane	ND		1.0	0.18	ug/L			04/23/12 19:01	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			04/23/12 19:01	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/23/12 19:01	1

Client Sample Results

Client: CHA Inc
Project/Site: Vatrano Road

TestAmerica Job ID: 480-18826-1

Client Sample ID: MW-7

Lab Sample ID: 480-18826-6

Date Collected: 04/17/12 12:00

Matrix: Water

Date Received: 04/19/12 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	ND		1.0	0.79	ug/L			04/23/12 19:01	1
Methyl acetate	ND		1.0	0.50	ug/L			04/23/12 19:01	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			04/23/12 19:01	1
Methylcyclohexane	ND		1.0	0.16	ug/L			04/23/12 19:01	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/23/12 19:01	1
Styrene	ND		1.0	0.73	ug/L			04/23/12 19:01	1
Tetrachloroethene	7.6		1.0	0.36	ug/L			04/23/12 19:01	1
Toluene	ND		1.0	0.51	ug/L			04/23/12 19:01	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			04/23/12 19:01	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			04/23/12 19:01	1
Trichloroethene	2.1		1.0	0.46	ug/L			04/23/12 19:01	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			04/23/12 19:01	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/23/12 19:01	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/23/12 19:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		66 - 137		04/23/12 19:01	1
Toluene-d8 (Surr)	102		71 - 126		04/23/12 19:01	1
4-Bromofluorobenzene (Surr)	98		73 - 120		04/23/12 19:01	1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.48	0.17	ug/L		04/21/12 07:59	04/22/12 10:48	1
PCB-1221	ND		0.48	0.17	ug/L		04/21/12 07:59	04/22/12 10:48	1
PCB-1232	ND		0.48	0.17	ug/L		04/21/12 07:59	04/22/12 10:48	1
PCB-1242	ND		0.48	0.17	ug/L		04/21/12 07:59	04/22/12 10:48	1
PCB-1248	ND		0.48	0.17	ug/L		04/21/12 07:59	04/22/12 10:48	1
PCB-1254	ND		0.48	0.24	ug/L		04/21/12 07:59	04/22/12 10:48	1
PCB-1260	ND		0.48	0.24	ug/L		04/21/12 07:59	04/22/12 10:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	39		19 - 112	04/21/12 07:59	04/22/12 10:48	1
Tetrachloro-m-xylene	75		23 - 127	04/21/12 07:59	04/22/12 10:48	1

Client Sample ID: MW-9

Lab Sample ID: 480-18826-7

Date Collected: 04/18/12 11:25

Matrix: Water

Date Received: 04/19/12 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			04/23/12 19:25	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/23/12 19:25	1
1,1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			04/23/12 19:25	1
1,1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			04/23/12 19:25	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			04/23/12 19:25	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			04/23/12 19:25	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/23/12 19:25	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			04/23/12 19:25	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			04/23/12 19:25	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/23/12 19:25	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/23/12 19:25	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			04/23/12 19:25	1

Client Sample Results

Client: CHA Inc
Project/Site: Vatrano Road

TestAmerica Job ID: 480-18826-1

Client Sample ID: MW-9

Lab Sample ID: 480-18826-7

Date Collected: 04/18/12 11:25

Matrix: Water

Date Received: 04/19/12 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/23/12 19:25	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/23/12 19:25	1
2-Hexanone	ND		5.0	1.2	ug/L			04/23/12 19:25	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/23/12 19:25	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			04/23/12 19:25	1
Acetone	ND		10	3.0	ug/L			04/23/12 19:25	1
Benzene	ND		1.0	0.41	ug/L			04/23/12 19:25	1
Bromodichloromethane	ND		1.0	0.39	ug/L			04/23/12 19:25	1
Bromoform	ND		1.0	0.26	ug/L			04/23/12 19:25	1
Bromomethane	ND		1.0	0.69	ug/L			04/23/12 19:25	1
Carbon disulfide	ND		1.0	0.19	ug/L			04/23/12 19:25	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			04/23/12 19:25	1
Chlorobenzene	ND		1.0	0.75	ug/L			04/23/12 19:25	1
Dibromochloromethane	ND		1.0	0.32	ug/L			04/23/12 19:25	1
Chloroethane	ND		1.0	0.32	ug/L			04/23/12 19:25	1
Chloroform	ND		1.0	0.34	ug/L			04/23/12 19:25	1
Chloromethane	ND		1.0	0.35	ug/L			04/23/12 19:25	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			04/23/12 19:25	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			04/23/12 19:25	1
Cyclohexane	ND		1.0	0.18	ug/L			04/23/12 19:25	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			04/23/12 19:25	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/23/12 19:25	1
Isopropylbenzene	ND		1.0	0.79	ug/L			04/23/12 19:25	1
Methyl acetate	ND		1.0	0.50	ug/L			04/23/12 19:25	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			04/23/12 19:25	1
Methylcyclohexane	ND		1.0	0.16	ug/L			04/23/12 19:25	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/23/12 19:25	1
Styrene	ND		1.0	0.73	ug/L			04/23/12 19:25	1
Tetrachloroethene	ND		1.0	0.36	ug/L			04/23/12 19:25	1
Toluene	ND		1.0	0.51	ug/L			04/23/12 19:25	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			04/23/12 19:25	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			04/23/12 19:25	1
Trichloroethene	ND		1.0	0.46	ug/L			04/23/12 19:25	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			04/23/12 19:25	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/23/12 19:25	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/23/12 19:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		66 - 137					04/23/12 19:25	1
Toluene-d8 (Surr)	100		71 - 126					04/23/12 19:25	1
4-Bromofluorobenzene (Surr)	96		73 - 120					04/23/12 19:25	1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.48	0.17	ug/L		04/21/12 07:59	04/22/12 11:03	1
PCB-1221	ND		0.48	0.17	ug/L		04/21/12 07:59	04/22/12 11:03	1
PCB-1232	ND		0.48	0.17	ug/L		04/21/12 07:59	04/22/12 11:03	1
PCB-1242	ND		0.48	0.17	ug/L		04/21/12 07:59	04/22/12 11:03	1
PCB-1248	ND		0.48	0.17	ug/L		04/21/12 07:59	04/22/12 11:03	1
PCB-1254	ND		0.48	0.24	ug/L		04/21/12 07:59	04/22/12 11:03	1
PCB-1260	ND		0.48	0.24	ug/L		04/21/12 07:59	04/22/12 11:03	1

Client Sample Results

Client: CHA Inc
Project/Site: Vatrano Road

TestAmerica Job ID: 480-18826-1

Client Sample ID: MW-9

Date Collected: 04/18/12 11:25

Date Received: 04/19/12 09:00

Lab Sample ID: 480-18826-7

Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	40		19 - 112	04/21/12 07:59	04/22/12 11:03	1
Tetrachloro-m-xylene	72		23 - 127	04/21/12 07:59	04/22/12 11:03	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.0050	0.0030	mg/L		04/20/12 08:30	04/20/12 20:38	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		04/20/12 10:00	04/20/12 14:05	1

Client Sample ID: MW-10

Date Collected: 04/17/12 16:45

Date Received: 04/19/12 09:00

Lab Sample ID: 480-18826-8

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			04/23/12 19:50	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/23/12 19:50	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			04/23/12 19:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			04/23/12 19:50	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			04/23/12 19:50	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			04/23/12 19:50	1
1,2,4-Trichlorobenzene	0.54	J	1.0	0.41	ug/L			04/23/12 19:50	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			04/23/12 19:50	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			04/23/12 19:50	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/23/12 19:50	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/23/12 19:50	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			04/23/12 19:50	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/23/12 19:50	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/23/12 19:50	1
2-Hexanone	ND		5.0	1.2	ug/L			04/23/12 19:50	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/23/12 19:50	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			04/23/12 19:50	1
Acetone	ND		10	3.0	ug/L			04/23/12 19:50	1
Benzene	ND		1.0	0.41	ug/L			04/23/12 19:50	1
Bromodichloromethane	ND		1.0	0.39	ug/L			04/23/12 19:50	1
Bromoform	ND		1.0	0.26	ug/L			04/23/12 19:50	1
Bromomethane	ND		1.0	0.69	ug/L			04/23/12 19:50	1
Carbon disulfide	ND		1.0	0.19	ug/L			04/23/12 19:50	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			04/23/12 19:50	1
Chlorobenzene	ND		1.0	0.75	ug/L			04/23/12 19:50	1
Dibromochloromethane	ND		1.0	0.32	ug/L			04/23/12 19:50	1
Chloroethane	ND		1.0	0.32	ug/L			04/23/12 19:50	1
Chloroform	ND		1.0	0.34	ug/L			04/23/12 19:50	1
Chloromethane	ND		1.0	0.35	ug/L			04/23/12 19:50	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			04/23/12 19:50	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			04/23/12 19:50	1
Cyclohexane	ND		1.0	0.18	ug/L			04/23/12 19:50	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			04/23/12 19:50	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/23/12 19:50	1
Isopropylbenzene	ND		1.0	0.79	ug/L			04/23/12 19:50	1

Client Sample Results

Client: CHA Inc
Project/Site: Vatrano Road

TestAmerica Job ID: 480-18826-1

Client Sample ID: MW-10

Lab Sample ID: 480-18826-8

Date Collected: 04/17/12 16:45

Matrix: Water

Date Received: 04/19/12 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl acetate	ND		1.0	0.50	ug/L			04/23/12 19:50	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			04/23/12 19:50	1
Methylcyclohexane	ND		1.0	0.16	ug/L			04/23/12 19:50	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/23/12 19:50	1
Styrene	ND		1.0	0.73	ug/L			04/23/12 19:50	1
Tetrachloroethene	ND		1.0	0.36	ug/L			04/23/12 19:50	1
Toluene	ND		1.0	0.51	ug/L			04/23/12 19:50	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			04/23/12 19:50	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			04/23/12 19:50	1
Trichloroethene	ND		1.0	0.46	ug/L			04/23/12 19:50	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			04/23/12 19:50	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/23/12 19:50	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/23/12 19:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		66 - 137		04/23/12 19:50	1
Toluene-d8 (Surr)	102		71 - 126		04/23/12 19:50	1
4-Bromofluorobenzene (Surr)	98		73 - 120		04/23/12 19:50	1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.48	0.17	ug/L		04/21/12 07:59	04/22/12 11:19	1
PCB-1221	ND		0.48	0.17	ug/L		04/21/12 07:59	04/22/12 11:19	1
PCB-1232	ND		0.48	0.17	ug/L		04/21/12 07:59	04/22/12 11:19	1
PCB-1242	ND		0.48	0.17	ug/L		04/21/12 07:59	04/22/12 11:19	1
PCB-1248	ND		0.48	0.17	ug/L		04/21/12 07:59	04/22/12 11:19	1
PCB-1254	ND		0.48	0.24	ug/L		04/21/12 07:59	04/22/12 11:19	1
PCB-1260	ND		0.48	0.24	ug/L		04/21/12 07:59	04/22/12 11:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	45		19 - 112	04/21/12 07:59	04/22/12 11:19	1
Tetrachloro-m-xylene	74		23 - 127	04/21/12 07:59	04/22/12 11:19	1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-18826-9

Date Collected: 04/18/12 00:00

Matrix: Water

Date Received: 04/19/12 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			04/23/12 20:14	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/23/12 20:14	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			04/23/12 20:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			04/23/12 20:14	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			04/23/12 20:14	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			04/23/12 20:14	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/23/12 20:14	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			04/23/12 20:14	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			04/23/12 20:14	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/23/12 20:14	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/23/12 20:14	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			04/23/12 20:14	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/23/12 20:14	1

Client Sample Results

Client: CHA Inc
Project/Site: Vatrano Road

TestAmerica Job ID: 480-18826-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-18826-9

Date Collected: 04/18/12 00:00

Matrix: Water

Date Received: 04/19/12 09:00

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/23/12 20:14	1
2-Hexanone	ND		5.0	1.2	ug/L			04/23/12 20:14	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/23/12 20:14	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			04/23/12 20:14	1
Acetone	ND		10	3.0	ug/L			04/23/12 20:14	1
Benzene	ND		1.0	0.41	ug/L			04/23/12 20:14	1
Bromodichloromethane	ND		1.0	0.39	ug/L			04/23/12 20:14	1
Bromoform	ND		1.0	0.26	ug/L			04/23/12 20:14	1
Bromomethane	ND		1.0	0.69	ug/L			04/23/12 20:14	1
Carbon disulfide	ND		1.0	0.19	ug/L			04/23/12 20:14	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			04/23/12 20:14	1
Chlorobenzene	ND		1.0	0.75	ug/L			04/23/12 20:14	1
Dibromochloromethane	ND		1.0	0.32	ug/L			04/23/12 20:14	1
Chloroethane	ND		1.0	0.32	ug/L			04/23/12 20:14	1
Chloroform	ND		1.0	0.34	ug/L			04/23/12 20:14	1
Chloromethane	ND		1.0	0.35	ug/L			04/23/12 20:14	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			04/23/12 20:14	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			04/23/12 20:14	1
Cyclohexane	ND		1.0	0.18	ug/L			04/23/12 20:14	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			04/23/12 20:14	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/23/12 20:14	1
Isopropylbenzene	ND		1.0	0.79	ug/L			04/23/12 20:14	1
Methyl acetate	ND		1.0	0.50	ug/L			04/23/12 20:14	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			04/23/12 20:14	1
Methylcyclohexane	ND		1.0	0.16	ug/L			04/23/12 20:14	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/23/12 20:14	1
Styrene	ND		1.0	0.73	ug/L			04/23/12 20:14	1
Tetrachloroethene	ND		1.0	0.36	ug/L			04/23/12 20:14	1
Toluene	ND		1.0	0.51	ug/L			04/23/12 20:14	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			04/23/12 20:14	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			04/23/12 20:14	1
Trichloroethene	ND		1.0	0.46	ug/L			04/23/12 20:14	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			04/23/12 20:14	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/23/12 20:14	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/23/12 20:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		66 - 137					04/23/12 20:14	1
Toluene-d8 (Surr)	102		71 - 126					04/23/12 20:14	1
4-Bromofluorobenzene (Surr)	98		73 - 120					04/23/12 20:14	1

Surrogate Summary

Client: CHA Inc
Project/Site: Vatrano Road

TestAmerica Job ID: 480-18826-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		12DCE (66-137)	TOL (71-126)	BFB (73-120)
480-18826-1	MW-1	101	102	98
480-18826-2	MW-2	104	104	100
480-18826-2 - DL	MW-2	100	100	96
480-18826-2 MS	MW-2	98	102	98
480-18826-2 MSD	MW-2	97	103	100
480-18826-3	MW-4	104	102	97
480-18826-4	MW-5	104	103	98
480-18826-5	MW-6	103	102	98
480-18826-6	MW-7	102	102	98
480-18826-7	MW-9	103	100	96
480-18826-8	MW-10	104	102	98
480-18826-9	TRIP BLANK	104	102	98
LCS 480-60975/5	Lab Control Sample	87	108	100
LCS 480-61131/27	Lab Control Sample	100	101	98
MB 480-60975/6	Method Blank	103	106	102
MB 480-61131/6	Method Blank	102	104	100

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)

TOL = Toluene-d8 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		DCB1 (19-112)	TCX1 (23-127)
480-18826-1	MW-1	29	66
480-18826-2	MW-2	59	80
480-18826-3	MW-4	42	79
480-18826-4	MW-5	49	83
480-18826-5	MW-6	45	88
480-18826-6	MW-7	39	75
480-18826-7	MW-9	40	72
480-18826-8	MW-10	45	74
LCS 480-60860/2-A	Lab Control Sample	47	87
LCSD 480-60860/3-A	Lab Control Sample Dup	49	83
MB 480-60860/1-A	Method Blank	56	79

Surrogate Legend

DCB = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

QC Sample Results

Client: CHA Inc
Project/Site: Vatrano Road

TestAmerica Job ID: 480-18826-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-60975/6

Matrix: Water

Analysis Batch: 60975

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			04/23/12 11:43	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/23/12 11:43	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			04/23/12 11:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			04/23/12 11:43	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			04/23/12 11:43	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			04/23/12 11:43	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/23/12 11:43	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			04/23/12 11:43	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			04/23/12 11:43	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/23/12 11:43	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/23/12 11:43	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			04/23/12 11:43	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/23/12 11:43	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/23/12 11:43	1
2-Hexanone	ND		5.0	1.2	ug/L			04/23/12 11:43	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/23/12 11:43	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			04/23/12 11:43	1
Acetone	ND		10	3.0	ug/L			04/23/12 11:43	1
Benzene	ND		1.0	0.41	ug/L			04/23/12 11:43	1
Bromodichloromethane	ND		1.0	0.39	ug/L			04/23/12 11:43	1
Bromoform	ND		1.0	0.26	ug/L			04/23/12 11:43	1
Bromomethane	ND		1.0	0.69	ug/L			04/23/12 11:43	1
Carbon disulfide	ND		1.0	0.19	ug/L			04/23/12 11:43	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			04/23/12 11:43	1
Chlorobenzene	ND		1.0	0.75	ug/L			04/23/12 11:43	1
Dibromochloromethane	ND		1.0	0.32	ug/L			04/23/12 11:43	1
Chloroethane	ND		1.0	0.32	ug/L			04/23/12 11:43	1
Chloroform	ND		1.0	0.34	ug/L			04/23/12 11:43	1
Chloromethane	ND		1.0	0.35	ug/L			04/23/12 11:43	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			04/23/12 11:43	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			04/23/12 11:43	1
Cyclohexane	ND		1.0	0.18	ug/L			04/23/12 11:43	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			04/23/12 11:43	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/23/12 11:43	1
Isopropylbenzene	ND		1.0	0.79	ug/L			04/23/12 11:43	1
Methyl acetate	ND		1.0	0.50	ug/L			04/23/12 11:43	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			04/23/12 11:43	1
Methylcyclohexane	ND		1.0	0.16	ug/L			04/23/12 11:43	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/23/12 11:43	1
Styrene	ND		1.0	0.73	ug/L			04/23/12 11:43	1
Tetrachloroethene	ND		1.0	0.36	ug/L			04/23/12 11:43	1
Toluene	ND		1.0	0.51	ug/L			04/23/12 11:43	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			04/23/12 11:43	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			04/23/12 11:43	1
Trichloroethene	ND		1.0	0.46	ug/L			04/23/12 11:43	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			04/23/12 11:43	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/23/12 11:43	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/23/12 11:43	1

QC Sample Results

Client: CHA Inc
Project/Site: Vatrano Road

TestAmerica Job ID: 480-18826-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-60975/6

Matrix: Water

Analysis Batch: 60975

Client Sample ID: Method Blank

Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		66 - 137		04/23/12 11:43	1
Toluene-d8 (Surr)	106		71 - 126		04/23/12 11:43	1
4-Bromofluorobenzene (Surr)	102		73 - 120		04/23/12 11:43	1

Lab Sample ID: LCS 480-60975/5

Matrix: Water

Analysis Batch: 60975

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	25.0	25.4		ug/L		102	71 - 129
1,1-Dichloroethene	25.0	21.4		ug/L		86	65 - 138
1,2-Dichlorobenzene	25.0	23.9		ug/L		96	77 - 120
1,2-Dichloroethane	25.0	23.0		ug/L		92	75 - 127
Benzene	25.0	25.1		ug/L		100	71 - 124
Chlorobenzene	25.0	25.7		ug/L		103	72 - 120
cis-1,2-Dichloroethene	25.0	25.2		ug/L		101	74 - 124
Ethylbenzene	25.0	27.0		ug/L		108	77 - 123
Methyl tert-butyl ether	25.0	20.1		ug/L		80	64 - 127
Tetrachloroethene	25.0	26.0		ug/L		104	74 - 122
Toluene	25.0	26.4		ug/L		106	70 - 122
trans-1,2-Dichloroethene	25.0	27.0		ug/L		108	73 - 127
Trichloroethene	25.0	25.5		ug/L		102	74 - 123

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	87		66 - 137
Toluene-d8 (Surr)	108		71 - 126
4-Bromofluorobenzene (Surr)	100		73 - 120

Lab Sample ID: MB 480-61131/6

Matrix: Water

Analysis Batch: 61131

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			04/24/12 00:27	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/24/12 00:27	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			04/24/12 00:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			04/24/12 00:27	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			04/24/12 00:27	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			04/24/12 00:27	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/24/12 00:27	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			04/24/12 00:27	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			04/24/12 00:27	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/24/12 00:27	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/24/12 00:27	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			04/24/12 00:27	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/24/12 00:27	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/24/12 00:27	1
2-Hexanone	ND		5.0	1.2	ug/L			04/24/12 00:27	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/24/12 00:27	1

QC Sample Results

Client: CHA Inc
Project/Site: Vatrano Road

TestAmerica Job ID: 480-18826-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-61131/6

Matrix: Water

Analysis Batch: 61131

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			04/24/12 00:27	1
Acetone	ND		10	3.0	ug/L			04/24/12 00:27	1
Benzene	ND		1.0	0.41	ug/L			04/24/12 00:27	1
Bromodichloromethane	ND		1.0	0.39	ug/L			04/24/12 00:27	1
Bromoform	ND		1.0	0.26	ug/L			04/24/12 00:27	1
Bromomethane	ND		1.0	0.69	ug/L			04/24/12 00:27	1
Carbon disulfide	ND		1.0	0.19	ug/L			04/24/12 00:27	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			04/24/12 00:27	1
Chlorobenzene	ND		1.0	0.75	ug/L			04/24/12 00:27	1
Dibromochloromethane	ND		1.0	0.32	ug/L			04/24/12 00:27	1
Chloroethane	ND		1.0	0.32	ug/L			04/24/12 00:27	1
Chloroform	ND		1.0	0.34	ug/L			04/24/12 00:27	1
Chloromethane	ND		1.0	0.35	ug/L			04/24/12 00:27	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			04/24/12 00:27	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			04/24/12 00:27	1
Cyclohexane	ND		1.0	0.18	ug/L			04/24/12 00:27	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			04/24/12 00:27	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/24/12 00:27	1
Isopropylbenzene	ND		1.0	0.79	ug/L			04/24/12 00:27	1
Methyl acetate	ND		1.0	0.50	ug/L			04/24/12 00:27	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			04/24/12 00:27	1
Methylcyclohexane	ND		1.0	0.16	ug/L			04/24/12 00:27	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/24/12 00:27	1
Styrene	ND		1.0	0.73	ug/L			04/24/12 00:27	1
Tetrachloroethene	ND		1.0	0.36	ug/L			04/24/12 00:27	1
Toluene	ND		1.0	0.51	ug/L			04/24/12 00:27	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			04/24/12 00:27	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			04/24/12 00:27	1
Trichloroethene	ND		1.0	0.46	ug/L			04/24/12 00:27	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			04/24/12 00:27	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/24/12 00:27	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/24/12 00:27	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		66 - 137		04/24/12 00:27	1
Toluene-d8 (Surr)	104		71 - 126		04/24/12 00:27	1
4-Bromofluorobenzene (Surr)	100		73 - 120		04/24/12 00:27	1

Lab Sample ID: LCS 480-61131/27

Matrix: Water

Analysis Batch: 61131

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	25.0	26.6		ug/L		106	71 - 129
1,1-Dichloroethene	25.0	24.6		ug/L		98	65 - 138
1,2-Dichlorobenzene	25.0	25.5		ug/L		102	77 - 120
1,2-Dichloroethane	25.0	27.5		ug/L		110	75 - 127
Benzene	25.0	27.0		ug/L		108	71 - 124
Chlorobenzene	25.0	26.8		ug/L		107	72 - 120

QC Sample Results

Client: CHA Inc
Project/Site: Vatrano Road

TestAmerica Job ID: 480-18826-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-61131/27

Matrix: Water

Analysis Batch: 61131

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
cis-1,2-Dichloroethene	25.0	27.1		ug/L		108	74 - 124
Ethylbenzene	25.0	27.0		ug/L		108	77 - 123
Methyl tert-butyl ether	25.0	23.4		ug/L		94	64 - 127
Tetrachloroethene	25.0	26.8		ug/L		107	74 - 122
Toluene	25.0	26.4		ug/L		106	70 - 122
trans-1,2-Dichloroethene	25.0	28.3		ug/L		113	73 - 127
Trichloroethene	25.0	27.2		ug/L		109	74 - 123

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	100		66 - 137
Toluene-d8 (Surr)	101		71 - 126
4-Bromofluorobenzene (Surr)	98		73 - 120

Lab Sample ID: 480-18826-2 MS

Matrix: Water

Analysis Batch: 61131

Client Sample ID: MW-2

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	ND		100	118		ug/L		118	71 - 129
1,1-Dichloroethene	ND		100	107		ug/L		107	65 - 138
1,2-Dichlorobenzene	ND		100	112		ug/L		112	77 - 120
1,2-Dichloroethane	ND		100	117		ug/L		117	75 - 127
Benzene	ND		100	117		ug/L		117	71 - 124
Chlorobenzene	3.7		100	119		ug/L		115	72 - 120
cis-1,2-Dichloroethene	130		100	236		ug/L		103	74 - 124
Ethylbenzene	ND		100	116		ug/L		116	77 - 123
Methyl tert-butyl ether	ND		100	104		ug/L		104	64 - 127
Tetrachloroethene	250		100	320	F	ug/L		71	74 - 122
Toluene	ND		100	115		ug/L		115	70 - 122
trans-1,2-Dichloroethene	ND		100	126		ug/L		126	73 - 127
Trichloroethene	63		100	172		ug/L		110	74 - 123

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	98		66 - 137
Toluene-d8 (Surr)	102		71 - 126
4-Bromofluorobenzene (Surr)	98		73 - 120

Lab Sample ID: 480-18826-2 MSD

Matrix: Water

Analysis Batch: 61131

Client Sample ID: MW-2

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
1,1-Dichloroethane	ND		100	121		ug/L		121	71 - 129	2	20
1,1-Dichloroethene	ND		100	110		ug/L		110	65 - 138	3	16
1,2-Dichlorobenzene	ND		100	112		ug/L		112	77 - 120	0	20
1,2-Dichloroethane	ND		100	117		ug/L		117	75 - 127	0	20
Benzene	ND		100	120		ug/L		120	71 - 124	2	13
Chlorobenzene	3.7		100	124		ug/L		120	72 - 120	4	25
cis-1,2-Dichloroethene	130		100	241		ug/L		107	74 - 124	2	15

QC Sample Results

Client: CHA Inc
Project/Site: Vatrano Road

TestAmerica Job ID: 480-18826-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-18826-2 MSD

Matrix: Water

Analysis Batch: 61131

Client Sample ID: MW-2

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethylbenzene	ND		100	121		ug/L		121	77 - 123	4	15
Methyl tert-butyl ether	ND		100	103		ug/L		103	64 - 127	0	37
Tetrachloroethene	250		100	335		ug/L		85	74 - 122	4	20
Toluene	ND		100	119		ug/L		119	70 - 122	4	15
trans-1,2-Dichloroethene	ND		100	127		ug/L		127	73 - 127	1	20
Trichloroethene	63		100	176		ug/L		113	74 - 123	2	16

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	97		66 - 137
Toluene-d8 (Surr)	103		71 - 126
4-Bromofluorobenzene (Surr)	100		73 - 120

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 480-60860/1-A

Matrix: Water

Analysis Batch: 60944

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 60860

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/21/12 07:59	04/22/12 07:38	1
PCB-1221	ND		0.50	0.18	ug/L		04/21/12 07:59	04/22/12 07:38	1
PCB-1232	ND		0.50	0.18	ug/L		04/21/12 07:59	04/22/12 07:38	1
PCB-1242	ND		0.50	0.18	ug/L		04/21/12 07:59	04/22/12 07:38	1
PCB-1248	ND		0.50	0.18	ug/L		04/21/12 07:59	04/22/12 07:38	1
PCB-1254	ND		0.50	0.25	ug/L		04/21/12 07:59	04/22/12 07:38	1
PCB-1260	ND		0.50	0.25	ug/L		04/21/12 07:59	04/22/12 07:38	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	56		19 - 112	04/21/12 07:59	04/22/12 07:38	1
Tetrachloro-m-xylene	79		23 - 127	04/21/12 07:59	04/22/12 07:38	1

Lab Sample ID: LCS 480-60860/2-A

Matrix: Water

Analysis Batch: 60944

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 60860

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	5.00	4.43		ug/L		89	61 - 116
PCB-1260	5.00	4.56		ug/L		91	45 - 110

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	47		19 - 112
Tetrachloro-m-xylene	87		23 - 127

Lab Sample ID: LCSD 480-60860/3-A

Matrix: Water

Analysis Batch: 60944

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 60860

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016	5.00	4.18		ug/L		84	61 - 116	5.81	50

QC Sample Results

Client: CHA Inc
Project/Site: Vatrano Road

TestAmerica Job ID: 480-18826-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: LCSD 480-60860/3-A

Matrix: Water

Analysis Batch: 60944

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 60860

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1260	5.00	4.54		ug/L		91	45 - 110	0.000	50
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
DCB Decachlorobiphenyl	49		19 - 112						
Tetrachloro-m-xylene	83		23 - 127						

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 480-60538/1-A

Matrix: Water

Analysis Batch: 60865

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 60538

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.0050	0.0030	mg/L		04/20/12 08:30	04/20/12 19:53	1

Lab Sample ID: LCS 480-60538/2-A

Matrix: Water

Analysis Batch: 60865

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 60538

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Lead	0.200	0.207		mg/L		104	80 - 120		

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 480-60639/1-A

Matrix: Water

Analysis Batch: 60788

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 60639

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		04/20/12 10:00	04/20/12 13:16	1

Lab Sample ID: LCS 480-60639/2-A

Matrix: Water

Analysis Batch: 60788

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 60639

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Mercury	0.00667	0.00672		mg/L		101	80 - 120		

QC Association Summary

Client: CHA Inc
Project/Site: Vatrano Road

TestAmerica Job ID: 480-18826-1

GC/MS VOA

Analysis Batch: 60975

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-18826-1	MW-1	Total/NA	Water	8260B	
480-18826-2	MW-2	Total/NA	Water	8260B	
480-18826-4	MW-5	Total/NA	Water	8260B	
480-18826-5	MW-6	Total/NA	Water	8260B	
480-18826-6	MW-7	Total/NA	Water	8260B	
480-18826-7	MW-9	Total/NA	Water	8260B	
480-18826-8	MW-10	Total/NA	Water	8260B	
480-18826-9	TRIP BLANK	Total/NA	Water	8260B	
LCS 480-60975/5	Lab Control Sample	Total/NA	Water	8260B	
MB 480-60975/6	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 61131

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-18826-2 - DL	MW-2	Total/NA	Water	8260B	
480-18826-2 MS	MW-2	Total/NA	Water	8260B	
480-18826-2 MSD	MW-2	Total/NA	Water	8260B	
480-18826-3	MW-4	Total/NA	Water	8260B	
LCS 480-61131/27	Lab Control Sample	Total/NA	Water	8260B	
MB 480-61131/6	Method Blank	Total/NA	Water	8260B	

GC Semi VOA

Prep Batch: 60860

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-18826-1	MW-1	Total/NA	Water	3510C	
480-18826-2	MW-2	Total/NA	Water	3510C	
480-18826-3	MW-4	Total/NA	Water	3510C	
480-18826-4	MW-5	Total/NA	Water	3510C	
480-18826-5	MW-6	Total/NA	Water	3510C	
480-18826-6	MW-7	Total/NA	Water	3510C	
480-18826-7	MW-9	Total/NA	Water	3510C	
480-18826-8	MW-10	Total/NA	Water	3510C	
LCS 480-60860/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 480-60860/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
MB 480-60860/1-A	Method Blank	Total/NA	Water	3510C	

Analysis Batch: 60944

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-18826-1	MW-1	Total/NA	Water	8082	60860
480-18826-2	MW-2	Total/NA	Water	8082	60860
480-18826-3	MW-4	Total/NA	Water	8082	60860
480-18826-4	MW-5	Total/NA	Water	8082	60860
480-18826-5	MW-6	Total/NA	Water	8082	60860
480-18826-6	MW-7	Total/NA	Water	8082	60860
480-18826-7	MW-9	Total/NA	Water	8082	60860
480-18826-8	MW-10	Total/NA	Water	8082	60860
LCS 480-60860/2-A	Lab Control Sample	Total/NA	Water	8082	60860
LCSD 480-60860/3-A	Lab Control Sample Dup	Total/NA	Water	8082	60860
MB 480-60860/1-A	Method Blank	Total/NA	Water	8082	60860

QC Association Summary

Client: CHA Inc
Project/Site: Vatrano Road

TestAmerica Job ID: 480-18826-1

Metals

Prep Batch: 60538

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-18826-7	MW-9	Total/NA	Water	3005A	
LCS 480-60538/2-A	Lab Control Sample	Total/NA	Water	3005A	
MB 480-60538/1-A	Method Blank	Total/NA	Water	3005A	

Prep Batch: 60639

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-18826-7	MW-9	Total/NA	Water	7470A	
LCS 480-60639/2-A	Lab Control Sample	Total/NA	Water	7470A	
MB 480-60639/1-A	Method Blank	Total/NA	Water	7470A	

Analysis Batch: 60788

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-18826-7	MW-9	Total/NA	Water	7470A	60639
LCS 480-60639/2-A	Lab Control Sample	Total/NA	Water	7470A	60639
MB 480-60639/1-A	Method Blank	Total/NA	Water	7470A	60639

Analysis Batch: 60865

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-18826-7	MW-9	Total/NA	Water	6010B	60538
LCS 480-60538/2-A	Lab Control Sample	Total/NA	Water	6010B	60538
MB 480-60538/1-A	Method Blank	Total/NA	Water	6010B	60538

Lab Chronicle

Client: CHA Inc
Project/Site: Vatrano Road

TestAmerica Job ID: 480-18826-1

Client Sample ID: MW-1

Date Collected: 04/17/12 13:15

Date Received: 04/19/12 09:00

Lab Sample ID: 480-18826-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	60975	04/23/12 16:56	CDC	TAL BUF
Total/NA	Prep	3510C			60860	04/21/12 07:59	MRB	TAL BUF
Total/NA	Analysis	8082		1	60944	04/22/12 09:29	JM	TAL BUF

Client Sample ID: MW-2

Date Collected: 04/18/12 10:25

Date Received: 04/19/12 09:00

Lab Sample ID: 480-18826-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	60975	04/23/12 17:21	CDC	TAL BUF
Total/NA	Analysis	8260B	DL	4	61131	04/24/12 03:58	JMB	TAL BUF
Total/NA	Prep	3510C			60860	04/21/12 07:59	MRB	TAL BUF
Total/NA	Analysis	8082		1	60944	04/22/12 09:45	JM	TAL BUF

Client Sample ID: MW-4

Date Collected: 04/17/12 15:30

Date Received: 04/19/12 09:00

Lab Sample ID: 480-18826-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	61131	04/24/12 04:23	JMB	TAL BUF
Total/NA	Prep	3510C			60860	04/21/12 07:59	MRB	TAL BUF
Total/NA	Analysis	8082		1	60944	04/22/12 10:00	JM	TAL BUF

Client Sample ID: MW-5

Date Collected: 04/17/12 14:45

Date Received: 04/19/12 09:00

Lab Sample ID: 480-18826-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	60975	04/23/12 18:11	CDC	TAL BUF
Total/NA	Prep	3510C			60860	04/21/12 07:59	MRB	TAL BUF
Total/NA	Analysis	8082		1	60944	04/22/12 10:16	JM	TAL BUF

Client Sample ID: MW-6

Date Collected: 04/17/12 10:50

Date Received: 04/19/12 09:00

Lab Sample ID: 480-18826-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	60975	04/23/12 18:36	CDC	TAL BUF
Total/NA	Prep	3510C			60860	04/21/12 07:59	MRB	TAL BUF
Total/NA	Analysis	8082		1	60944	04/22/12 10:32	JM	TAL BUF

Lab Chronicle

Client: CHA Inc
Project/Site: Vatrano Road

TestAmerica Job ID: 480-18826-1

Client Sample ID: MW-7

Lab Sample ID: 480-18826-6

Date Collected: 04/17/12 12:00

Matrix: Water

Date Received: 04/19/12 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	60975	04/23/12 19:01	CDC	TAL BUF
Total/NA	Prep	3510C			60860	04/21/12 07:59	MRB	TAL BUF
Total/NA	Analysis	8082		1	60944	04/22/12 10:48	JM	TAL BUF

Client Sample ID: MW-9

Lab Sample ID: 480-18826-7

Date Collected: 04/18/12 11:25

Matrix: Water

Date Received: 04/19/12 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	60975	04/23/12 19:25	CDC	TAL BUF
Total/NA	Prep	3510C			60860	04/21/12 07:59	MRB	TAL BUF
Total/NA	Analysis	8082		1	60944	04/22/12 11:03	JM	TAL BUF
Total/NA	Prep	7470A			60639	04/20/12 10:00	JRK	TAL BUF
Total/NA	Analysis	7470A		1	60788	04/20/12 14:05	JRK	TAL BUF
Total/NA	Prep	3005A			60538	04/20/12 08:30	SS	TAL BUF
Total/NA	Analysis	6010B		1	60865	04/20/12 20:38	LH	TAL BUF

Client Sample ID: MW-10

Lab Sample ID: 480-18826-8

Date Collected: 04/17/12 16:45

Matrix: Water

Date Received: 04/19/12 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	60975	04/23/12 19:50	CDC	TAL BUF
Total/NA	Prep	3510C			60860	04/21/12 07:59	MRB	TAL BUF
Total/NA	Analysis	8082		1	60944	04/22/12 11:19	JM	TAL BUF

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-18826-9

Date Collected: 04/18/12 00:00

Matrix: Water

Date Received: 04/19/12 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	60975	04/23/12 20:14	CDC	TAL BUF

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Certification Summary

Client: CHA Inc
Project/Site: Vatrano Road

TestAmerica Job ID: 480-18826-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Buffalo	Arkansas DEQ	State Program	6	88-0686
TestAmerica Buffalo	California	NELAC	9	1169CA
TestAmerica Buffalo	Connecticut	State Program	1	PH-0568
TestAmerica Buffalo	Florida	NELAC	4	E87672
TestAmerica Buffalo	Georgia	State Program	4	956
TestAmerica Buffalo	Georgia	State Program	4	N/A
TestAmerica Buffalo	Illinois	NELAC	5	100325 / 200003
TestAmerica Buffalo	Iowa	State Program	7	374
TestAmerica Buffalo	Kansas	NELAC	7	E-10187
TestAmerica Buffalo	Kentucky	State Program	4	90029
TestAmerica Buffalo	Kentucky (UST)	State Program	4	30
TestAmerica Buffalo	Louisiana	NELAC	6	02031
TestAmerica Buffalo	Maine	State Program	1	NY0044
TestAmerica Buffalo	Maryland	State Program	3	294
TestAmerica Buffalo	Massachusetts	State Program	1	M-NY044
TestAmerica Buffalo	Michigan	State Program	5	9937
TestAmerica Buffalo	Minnesota	NELAC	5	036-999-337
TestAmerica Buffalo	New Hampshire	NELAC	1	2337
TestAmerica Buffalo	New Hampshire	NELAC	1	68-00281
TestAmerica Buffalo	New Jersey	NELAC	2	NY455
TestAmerica Buffalo	New York	NELAC	2	10026
TestAmerica Buffalo	North Dakota	State Program	8	R-176
TestAmerica Buffalo	Oklahoma	State Program	6	9421
TestAmerica Buffalo	Oregon	NELAC	10	NY200003
TestAmerica Buffalo	Pennsylvania	NELAC	3	68-00281
TestAmerica Buffalo	Tennessee	State Program	4	TN02970
TestAmerica Buffalo	Texas	NELAC	6	T104704412-08-TX
TestAmerica Buffalo	USDA	Federal		P330-08-00242
TestAmerica Buffalo	Virginia	NELAC	3	460185
TestAmerica Buffalo	Virginia	State Program	3	278
TestAmerica Buffalo	Washington	State Program	10	C1677
TestAmerica Buffalo	West Virginia DEP	State Program	3	252
TestAmerica Buffalo	Wisconsin	State Program	5	998310390

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

Method Summary

Client: CHA Inc
Project/Site: Vatrano Road

TestAmerica Job ID: 480-18826-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL BUF
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL BUF
6010B	Metals (ICP)	SW846	TAL BUF
7470A	Mercury (CVAA)	SW846	TAL BUF

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: CHA Inc
Project/Site: Vatrano Road

TestAmerica Job ID: 480-18826-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-18826-1	MW-1	Water	04/17/12 13:15	04/19/12 09:00
480-18826-2	MW-2	Water	04/18/12 10:25	04/19/12 09:00
480-18826-3	MW-4	Water	04/17/12 15:30	04/19/12 09:00
480-18826-4	MW-5	Water	04/17/12 14:45	04/19/12 09:00
480-18826-5	MW-6	Water	04/17/12 10:50	04/19/12 09:00
480-18826-6	MW-7	Water	04/17/12 12:00	04/19/12 09:00
480-18826-7	MW-9	Water	04/18/12 11:25	04/19/12 09:00
480-18826-8	MW-10	Water	04/17/12 16:45	04/19/12 09:00
480-18826-9	TRIP BLANK	Water	04/18/12 00:00	04/19/12 09:00

Chain of Custody Record

Client Information		Sample: <u>Joe Morey</u>		Lab PM: <u>Gray-Erdmann, Peggy</u>		Carrier Tracking No(s):		COC No: <u>480-23604-5951.1</u>			
Client Contact: Ms. Sarah Newell		Phone: <u>518-453-3915</u>		E-Mail: <u>peggy.gray-erdmann@testamericainc.com</u>				Page: <u>Page 1 of 1</u>			
Company: CHA Inc								Job #:			
Address: 111 Winner Circle PO BOX 5269		Due Date Requested:		Analysis Requested							
City: Albany		TAT Requested (days):									
State, Zip: NY, 12205-0269		STANDARD									
Phone: 518-453-8749(Tel)		PO #:									
Email: snewell@chacompanies.com		WO #:									
Project Name: Vatrano Road		Project #:									
Site:		SSOW#:									
Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (Water, Solid, On-site/Off)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - TCL list OLMO4.2	8082 - TCL PCBs - OLMO4.2	6010B, 7470A	Total Number of containers	Special Instructions/Note:
MW-1	4/17/12	1:15	G	Water			X	X			
MW-2	4/18/12	10:25		Water			X	X			
MW-4	4/17/12	3:30		Water			X	X			
MW-5	4/17/12	2:45		Water			X	X			
MW-6	4/17/12	10:50		Water			X	X			
MW-7	4/17/12	12:00		Water			X	X			
MW-9	4/18/12	11:25		Water			X	X			
MW-10	4/17/12	4:45		Water			X	X			
Trip Blank				Water			X				
MW-9	4/18/12	11:25	G	Water					X		
Possible Hazard Identification ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological Deliverable Requested: I, II, III, IV, Other (specify)										Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months	
Empty Kit Relinquished by: Relinquished by: <u>[Signature]</u> Date/Time: <u>4/18/12 12:15pm</u> Company: <u>CHA, Inc</u> Relinquished by: <u>[Signature]</u> Date/Time: <u>4/18/12 1700</u> Company: <u>CHA</u> Relinquished by: _____ Date/Time: _____ Company: _____										Special Instructions/QC Requirements:	
Custody Seals Intact: ☐ Yes ☐ No										Cooler Temperature(s) °C and Other Remarks: <u>3.1, 2.9 #1</u>	

Login Sample Receipt Checklist

Client: CHA Inc

Job Number: 480-18826-1

Login Number: 18826

List Source: TestAmerica Buffalo

List Number: 1

Creator: May, Joel M

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	JIM MOREY
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	CHA
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	