

APPENDIX C

Beazer Soil Laboratory Analytical Reports

C1: 2011 Reports

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Watertown

1101 Industrial Drive, Suites 9 & 10

Watertown, WI 53094

Tel: 800-833-7036

TestAmerica Job ID: WUK0308

Client Project/Site: 117-2201257.02

Client Project Description: Beazer Oak Creek; Wabash Alloys

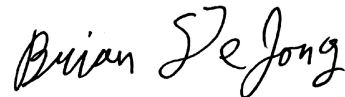
For:

Tetra Tech GEO

175 N. Corporate Drive Suite 100

Brookfield, WI 53045

Attn: Mr. Mike Noel



Authorized for release by:

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

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Definitions/Glossary

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0308

Qualifiers

GCMS Volatiles

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.

GC/MS 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.
F	MS or MSD exceeds the control limits
F	RPD of the MS and MSD exceeds the control limits

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.

Metals

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.
B	Compound was found in the blank and sample.

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
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: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0308

Job ID: WUK0308

Laboratory: TestAmerica Chicago

Narrative

Job Narrative 500-42012-1

Comments

No additional comments.

Receipt

All samples were received in good condition within temperature requirements.

GC/MS Semi VOA

Method(s) 8270C: The following sample was diluted due to the abundance of non-target analytes: WUK0308-05 (500-42012-5). Elevated reporting limits (RLs) are provided.

Method(s) 8270C: Due to the level of dilutions required for the following sample (500-42012-6 DL and -6 DL2), surrogate recoveries are not reported: WUK0308-06 (500-42012-6).

Method(s) 8270C: 500-42012-10 DL had 2 base/neutral surrogates biased high. Since this dilution was for analytes and the straight analysis was within limits, no further action was required.WUK0308-10 (500-42012-10)

Method(s) 8270C: One matrix spike (MS) recovery for batch 133118 was outside control limits, biased low. The matrix spike duplicate (MSD) was in control for all analytes. There was one RPD > 30% (the % recoveries were within control limits). The associated laboratory control sample (LCS) recovery met acceptance criteria. No further action was required.WUK0308-01 (500-42012-1)

No other analytical or quality issues were noted.

GC Semi VOA

Method(s) 8082: The following samples required a mercury clean-up to reduce matrix interferences caused by sulfur: WUK0308-07 (500-42012-7).

Method(s) 8082: The following samples were diluted due to the abundance of target analytes: WUK0308-07 (500-42012-7). Elevated reporting limits (RLs) are provided.

Method(s) 8082: The grand mean exception, as outlined in EPA Method 8000B, was applied to the continuing calibration verification (CCV) standard associated with batch 133149. This rule states that when one or more compounds in the CCV fail to meet acceptance criteria, the initial calibration (ICAL) may be used for quantitation if the average %D (the grand mean) of all the compounds in the CCV is less than or equal to 15 %D. The following compounds are affected: Aroclor 1260 on the primary column.WUK0308-01 (500-42012-1), WUK0308-02 (500-42012-2), WUK0308-03 (500-42012-3), WUK0308-04 (500-42012-4), WUK0308-05 (500-42012-5), WUK0308-06 (500-42012-6), WUK0308-07 (500-42012-7), WUK0308-08 (500-42012-8)

Method(s) 8082: The capping continuing calibration verification (CCV) associated with batch 133149 was biased low (22.7%D) and did not meet control limits for Aroclor 1260 on the confirmation column. Sample matrix is suspected to have contributed to this failure. Comparison of target analyte reported was <40%D between columns.WUK0308-01 (500-42012-1), WUK0308-02 (500-42012-2), WUK0308-04 (500-42012-4), WUK0308-05 (500-42012-5), WUK0308-07 (500-42012-7)

No other 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: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0308

Client Sample ID: B-21 0-2'

Lab Sample ID: WUK0308-01

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Anthracene	0.0088	J	0.035	0.0082	mg/Kg	1	☼	8270C	Total/NA
Benzo[a]anthracene	0.060		0.035	0.0073	mg/Kg	1	☼	8270C	Total/NA
Benzo[a]pyrene	0.069		0.035	0.0064	mg/Kg	1	☼	8270C	Total/NA
Benzo[b]fluoranthene	0.077		0.035	0.0068	mg/Kg	1	☼	8270C	Total/NA
Benzo[g,h,i]perylene	0.061		0.035	0.012	mg/Kg	1	☼	8270C	Total/NA
Benzo[k]fluoranthene	0.038		0.035	0.0084	mg/Kg	1	☼	8270C	Total/NA
Bis(2-ethylhexyl) phthalate	0.046	J	0.18	0.046	mg/Kg	1	☼	8270C	Total/NA
Chrysene	0.064		0.035	0.0079	mg/Kg	1	☼	8270C	Total/NA
Dibenz(a,h)anthracene	0.025	J	0.035	0.0098	mg/Kg	1	☼	8270C	Total/NA
Fluoranthene	0.085		0.035	0.014	mg/Kg	1	☼	8270C	Total/NA
Indeno[1,2,3-cd]pyrene	0.049		0.035	0.012	mg/Kg	1	☼	8270C	Total/NA
Phenanthrene	0.026	J	0.035	0.015	mg/Kg	1	☼	8270C	Total/NA
Pyrene	0.065		0.035	0.013	mg/Kg	1	☼	8270C	Total/NA
PCB-1254	0.25		0.018	0.0053	mg/Kg	1	☼	8082	Total/NA
Polychlorinated biphenyls, Total	0.25		0.018	0.0029	mg/Kg	1	☼	8082	Total/NA
Arsenic	4.1		1.1	0.15	mg/Kg	1	☼	6010B	Total/NA
Barium	28	B	1.1	0.061	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.29	B	0.22	0.029	mg/Kg	1	☼	6010B	Total/NA
Chromium	6.8		1.1	0.092	mg/Kg	1	☼	6010B	Total/NA
Lead	5.3		0.54	0.26	mg/Kg	1	☼	6010B	Total/NA
Selenium	0.49	J B	1.1	0.30	mg/Kg	1	☼	6010B	Total/NA
Silver	0.70		0.54	0.068	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.013	J	0.017	0.0051	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: B-21 4-6'

Lab Sample ID: WUK0308-02

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	0.21		0.039	0.012	mg/Kg	1	☼	8270C	Total/NA
Acenaphthylene	0.066		0.039	0.0089	mg/Kg	1	☼	8270C	Total/NA
Anthracene	0.67		0.039	0.0091	mg/Kg	1	☼	8270C	Total/NA
Benzo[a]anthracene	2.2		0.039	0.0081	mg/Kg	1	☼	8270C	Total/NA
Benzo[a]pyrene	1.8		0.039	0.0071	mg/Kg	1	☼	8270C	Total/NA
Benzo[b]fluoranthene	2.1		0.039	0.0075	mg/Kg	1	☼	8270C	Total/NA
Benzo[g,h,i]perylene	1.3		0.039	0.013	mg/Kg	1	☼	8270C	Total/NA
Benzo[k]fluoranthene	1.1		0.039	0.0093	mg/Kg	1	☼	8270C	Total/NA
Carbazole	0.26		0.20	0.055	mg/Kg	1	☼	8270C	Total/NA
Chrysene	1.9		0.039	0.0088	mg/Kg	1	☼	8270C	Total/NA
Dibenz(a,h)anthracene	0.51		0.039	0.011	mg/Kg	1	☼	8270C	Total/NA
Dibenzofuran	0.11	J	0.20	0.047	mg/Kg	1	☼	8270C	Total/NA
Fluorene	0.22		0.039	0.0088	mg/Kg	1	☼	8270C	Total/NA
Indeno[1,2,3-cd]pyrene	1.0		0.039	0.013	mg/Kg	1	☼	8270C	Total/NA
Naphthalene	0.080		0.039	0.0075	mg/Kg	1	☼	8270C	Total/NA
Phenanthrene	2.0		0.039	0.016	mg/Kg	1	☼	8270C	Total/NA
Pyrene	2.9		0.039	0.014	mg/Kg	1	☼	8270C	Total/NA
Fluoranthene - DL	5.1		0.077	0.032	mg/Kg	2	☼	8270C	Total/NA
PCB-1254	0.078		0.020	0.0057	mg/Kg	1	☼	8082	Total/NA
Polychlorinated biphenyls, Total	0.078		0.020	0.0031	mg/Kg	1	☼	8082	Total/NA
Arsenic	4.0		1.2	0.16	mg/Kg	1	☼	6010B	Total/NA
Barium	28	B	1.2	0.065	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.29	B	0.23	0.031	mg/Kg	1	☼	6010B	Total/NA
Chromium	11		1.2	0.099	mg/Kg	1	☼	6010B	Total/NA
Lead	8.1		0.58	0.28	mg/Kg	1	☼	6010B	Total/NA
Selenium	0.58	J B	1.2	0.33	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.024		0.018	0.0055	mg/Kg	1	☼	7471A	Total/NA

Detection Summary

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0308

Client Sample ID: B-21 8-10'

Lab Sample ID: WUK0308-03

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]pyrene	0.013	J	0.038	0.0070	mg/Kg	1	☼	8270C	Total/NA
Benzo[b]fluoranthene	0.012	J	0.038	0.0075	mg/Kg	1	☼	8270C	Total/NA
Benzo[g,h,i]perylene	0.028	J	0.038	0.013	mg/Kg	1	☼	8270C	Total/NA
Chrysene	0.013	J	0.038	0.0087	mg/Kg	1	☼	8270C	Total/NA
Indeno[1,2,3-cd]pyrene	0.021	J	0.038	0.013	mg/Kg	1	☼	8270C	Total/NA
Arsenic	3.0		1.1	0.15	mg/Kg	1	☼	6010B	Total/NA
Barium	50	B	1.1	0.061	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.23	B	0.22	0.029	mg/Kg	1	☼	6010B	Total/NA
Chromium	18		1.1	0.092	mg/Kg	1	☼	6010B	Total/NA
Lead	8.3		0.54	0.26	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.018	J	0.019	0.0058	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: B-22 0-2'

Lab Sample ID: WUK0308-04

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	0.040		0.038	0.011	mg/Kg	1	☼	8270C	Total/NA
Anthracene	0.071		0.038	0.0090	mg/Kg	1	☼	8270C	Total/NA
Benzo[a]anthracene	0.20		0.038	0.0080	mg/Kg	1	☼	8270C	Total/NA
Benzo[a]pyrene	0.29		0.038	0.0070	mg/Kg	1	☼	8270C	Total/NA
Benzo[b]fluoranthene	0.34		0.038	0.0074	mg/Kg	1	☼	8270C	Total/NA
Benzo[g,h,i]perylene	0.23		0.038	0.013	mg/Kg	1	☼	8270C	Total/NA
Benzo[k]fluoranthene	0.15		0.038	0.0091	mg/Kg	1	☼	8270C	Total/NA
Chrysene	0.22		0.038	0.0086	mg/Kg	1	☼	8270C	Total/NA
Dibenz(a,h)anthracene	0.071		0.038	0.011	mg/Kg	1	☼	8270C	Total/NA
Fluoranthene	0.43		0.038	0.016	mg/Kg	1	☼	8270C	Total/NA
Fluorene	0.039		0.038	0.0087	mg/Kg	1	☼	8270C	Total/NA
Indeno[1,2,3-cd]pyrene	0.18		0.038	0.013	mg/Kg	1	☼	8270C	Total/NA
Naphthalene	0.027	J	0.038	0.0074	mg/Kg	1	☼	8270C	Total/NA
Phenanthrene	0.29		0.038	0.016	mg/Kg	1	☼	8270C	Total/NA
Pyrene	0.29		0.038	0.014	mg/Kg	1	☼	8270C	Total/NA
PCB-1254	0.014	J	0.019	0.0054	mg/Kg	1	☼	8082	Total/NA
Polychlorinated biphenyls, Total	0.014	J	0.019	0.0029	mg/Kg	1	☼	8082	Total/NA
Arsenic	5.1		1.1	0.15	mg/Kg	1	☼	6010B	Total/NA
Barium	35	B	1.1	0.060	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.53	B	0.21	0.029	mg/Kg	1	☼	6010B	Total/NA
Chromium	13		1.1	0.091	mg/Kg	1	☼	6010B	Total/NA
Lead	13		0.54	0.26	mg/Kg	1	☼	6010B	Total/NA
Selenium	0.71	J B	1.1	0.30	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.015	J	0.018	0.0056	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: B-22 4-6'

Lab Sample ID: WUK0308-05

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Bis(2-ethylhexyl) phthalate	1.6	J	1.9	0.51	mg/Kg	10	☼	8270C	Total/NA
PCB-1254	0.078		0.019	0.0055	mg/Kg	1	☼	8082	Total/NA
Polychlorinated biphenyls, Total	0.078		0.019	0.0030	mg/Kg	1	☼	8082	Total/NA
Arsenic	4.2		1.1	0.16	mg/Kg	1	☼	6010B	Total/NA
Barium	69	B	1.1	0.064	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.31	B	0.23	0.031	mg/Kg	1	☼	6010B	Total/NA
Chromium	21		1.1	0.097	mg/Kg	1	☼	6010B	Total/NA
Lead	9.6		0.57	0.27	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.030		0.019	0.0058	mg/Kg	1	☼	7471A	Total/NA

Detection Summary

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0308

Client Sample ID: B-22 8-10'

Lab Sample ID: WUK0308-06

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	53000		12000	6100	ug/kg dry	100	☼	SW 8260B	Total
Benzene - RE2	240	J	610	150	ug/kg dry	5.0	☼	SW 8260B	Total
Toluene - RE2	290	J	610	150	ug/kg dry	5.0	☼	SW 8260B	Total
1,2,4-Trimethylbenzene - RE2	360	J	610	150	ug/kg dry	5.0	☼	SW 8260B	Total
1,3,5-Trimethylbenzene - RE2	160	J	610	150	ug/kg dry	5.0	☼	SW 8260B	Total
Xylenes, total - RE2	510	J	1800	460	ug/kg dry	5.0	☼	SW 8260B	Total
Acenaphthene	0.62		0.040	0.012	mg/Kg	1	☼	8270C	Total/NA
Anthracene	0.12		0.040	0.0094	mg/Kg	1	☼	8270C	Total/NA
Benzo[a]anthracene	0.035	J	0.040	0.0084	mg/Kg	1	☼	8270C	Total/NA
Benzo[a]pyrene	0.023	J	0.040	0.0073	mg/Kg	1	☼	8270C	Total/NA
Benzo[b]fluoranthene	0.026	J	0.040	0.0078	mg/Kg	1	☼	8270C	Total/NA
Benzo[g,h,i]perylene	0.017	J	0.040	0.013	mg/Kg	1	☼	8270C	Total/NA
Benzo[k]fluoranthene	0.018	J	0.040	0.0095	mg/Kg	1	☼	8270C	Total/NA
Carbazole	0.72		0.20	0.056	mg/Kg	1	☼	8270C	Total/NA
Chrysene	0.040		0.040	0.0090	mg/Kg	1	☼	8270C	Total/NA
Dibenzofuran	0.69		0.20	0.048	mg/Kg	1	☼	8270C	Total/NA
Fluoranthene	0.12		0.040	0.016	mg/Kg	1	☼	8270C	Total/NA
Fluorene	0.35		0.040	0.0091	mg/Kg	1	☼	8270C	Total/NA
Indeno[1,2,3-cd]pyrene	0.013	J	0.040	0.013	mg/Kg	1	☼	8270C	Total/NA
Phenanthrene	0.61		0.040	0.017	mg/Kg	1	☼	8270C	Total/NA
Pyrene	0.079		0.040	0.014	mg/Kg	1	☼	8270C	Total/NA
2,4-Dimethylphenol - DL	33		20	6.3	mg/Kg	50	☼	8270C	Total/NA
2-Methylnaphthalene - DL	11		10	2.6	mg/Kg	50	☼	8270C	Total/NA
2-Methylphenol - DL2	36		20	5.3	mg/Kg	100	☼	8270C	Total/NA
3 & 4 Methylphenol - DL2	150		20	7.6	mg/Kg	100	☼	8270C	Total/NA
Naphthalene - DL2	68		4.0	0.77	mg/Kg	100	☼	8270C	Total/NA
Phenol - DL2	83		20	6.3	mg/Kg	100	☼	8270C	Total/NA
Arsenic	4.3		1.1	0.16	mg/Kg	1	☼	6010B	Total/NA
Barium	63	B	1.1	0.064	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.25	B	0.23	0.031	mg/Kg	1	☼	6010B	Total/NA
Chromium	20		1.1	0.097	mg/Kg	1	☼	6010B	Total/NA
Lead	9.0		0.57	0.27	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.019		0.018	0.0054	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: B-05-11 0-2'

Lab Sample ID: WUK0308-07

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	0.023	J	0.038	0.0080	mg/Kg	1	☼	8270C	Total/NA
Benzo[a]pyrene	0.026	J	0.038	0.0070	mg/Kg	1	☼	8270C	Total/NA
Benzo[b]fluoranthene	0.029	J	0.038	0.0074	mg/Kg	1	☼	8270C	Total/NA
Benzo[g,h,i]perylene	0.021	J	0.038	0.013	mg/Kg	1	☼	8270C	Total/NA
Benzo[k]fluoranthene	0.012	J	0.038	0.0091	mg/Kg	1	☼	8270C	Total/NA
Bis(2-ethylhexyl) phthalate	0.069	J	0.19	0.051	mg/Kg	1	☼	8270C	Total/NA
Chrysene	0.030	J	0.038	0.0086	mg/Kg	1	☼	8270C	Total/NA
Fluoranthene	0.044		0.038	0.016	mg/Kg	1	☼	8270C	Total/NA
Indeno[1,2,3-cd]pyrene	0.015	J	0.038	0.013	mg/Kg	1	☼	8270C	Total/NA
Naphthalene	0.035	J	0.038	0.0074	mg/Kg	1	☼	8270C	Total/NA
Pyrene	0.032	J	0.038	0.014	mg/Kg	1	☼	8270C	Total/NA
PCB-1254	0.45		0.038	0.011	mg/Kg	2	☼	8082	Total/NA
Polychlorinated biphenyls, Total	0.45		0.038	0.0059	mg/Kg	2	☼	8082	Total/NA
Arsenic	2.4		1.1	0.15	mg/Kg	1	☼	6010B	Total/NA
Barium	18	B	1.1	0.060	mg/Kg	1	☼	6010B	Total/NA
Cadmium	4.1	B	0.21	0.029	mg/Kg	1	☼	6010B	Total/NA
Chromium	20		1.1	0.090	mg/Kg	1	☼	6010B	Total/NA

Detection Summary

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0308

Client Sample ID: B-05-11 0-2' (Continued)

Lab Sample ID: WUK0308-07

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	26		0.53	0.26	mg/Kg	1	☼	6010B	Total/NA
Selenium	0.54	J B	1.1	0.30	mg/Kg	1	☼	6010B	Total/NA
Silver	0.28	J	0.53	0.067	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.019		0.018	0.0054	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: B-23 0-2'

Lab Sample ID: WUK0308-08

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	0.015	J	0.039	0.0083	mg/Kg	1	☼	8270C	Total/NA
Benzo[a]pyrene	0.019	J	0.039	0.0072	mg/Kg	1	☼	8270C	Total/NA
Benzo[b]fluoranthene	0.020	J	0.039	0.0077	mg/Kg	1	☼	8270C	Total/NA
Benzo[g,h,i]perylene	0.019	J	0.039	0.013	mg/Kg	1	☼	8270C	Total/NA
Benzo[k]fluoranthene	0.015	J	0.039	0.0094	mg/Kg	1	☼	8270C	Total/NA
Chrysene	0.027	J	0.039	0.0089	mg/Kg	1	☼	8270C	Total/NA
Fluoranthene	0.022	J	0.039	0.016	mg/Kg	1	☼	8270C	Total/NA
Indeno[1,2,3-cd]pyrene	0.014	J	0.039	0.013	mg/Kg	1	☼	8270C	Total/NA
Pyrene	0.019	J	0.039	0.014	mg/Kg	1	☼	8270C	Total/NA
Arsenic	4.3		1.2	0.17	mg/Kg	1	☼	6010B	Total/NA
Barium	14	B	1.2	0.067	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.53	B	0.24	0.032	mg/Kg	1	☼	6010B	Total/NA
Chromium	6.6		1.2	0.10	mg/Kg	1	☼	6010B	Total/NA
Lead	6.7		0.60	0.29	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.0073	J	0.020	0.0061	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: B-23 4-6'

Lab Sample ID: WUK0308-09

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	0.049		0.034	0.0071	mg/Kg	1	☼	8270C	Total/NA
Benzo[a]pyrene	0.067		0.034	0.0062	mg/Kg	1	☼	8270C	Total/NA
Benzo[b]fluoranthene	0.079		0.034	0.0066	mg/Kg	1	☼	8270C	Total/NA
Benzo[g,h,i]perylene	0.049		0.034	0.011	mg/Kg	1	☼	8270C	Total/NA
Benzo[k]fluoranthene	0.034		0.034	0.0081	mg/Kg	1	☼	8270C	Total/NA
Chrysene	0.075		0.034	0.0077	mg/Kg	1	☼	8270C	Total/NA
Dibenz(a,h)anthracene	0.022	J	0.034	0.0095	mg/Kg	1	☼	8270C	Total/NA
Fluoranthene	0.075		0.034	0.014	mg/Kg	1	☼	8270C	Total/NA
Indeno[1,2,3-cd]pyrene	0.040		0.034	0.011	mg/Kg	1	☼	8270C	Total/NA
Naphthalene	0.089		0.034	0.0066	mg/Kg	1	☼	8270C	Total/NA
Phenanthrene	0.024	J	0.034	0.014	mg/Kg	1	☼	8270C	Total/NA
Pyrene	0.059		0.034	0.012	mg/Kg	1	☼	8270C	Total/NA
Arsenic	5.9		0.92	0.13	mg/Kg	1	☼	6010B	Total/NA
Barium	90	B	0.92	0.052	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.40	B	0.18	0.025	mg/Kg	1	☼	6010B	Total/NA
Chromium	26		0.92	0.078	mg/Kg	1	☼	6010B	Total/NA
Lead	16		0.46	0.22	mg/Kg	1	☼	6010B	Total/NA
Selenium	0.32	J B	0.92	0.26	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.055		0.016	0.0050	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: B-23 8-10'

Lab Sample ID: WUK0308-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	540		130	65	ug/kg dry	1.0	☼	SW 8260B	Total
2-Methylnaphthalene	0.28		0.21	0.055	mg/Kg	1	☼	8270C	Total/NA
Acenaphthene	0.89		0.042	0.013	mg/Kg	1	☼	8270C	Total/NA
Acenaphthylene	0.35		0.042	0.0097	mg/Kg	1	☼	8270C	Total/NA

Detection Summary

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0308

Client Sample ID: B-23 8-10' (Continued)

Lab Sample ID: WUK0308-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Anthracene	2.2		0.042	0.010	mg/Kg	1	☼	8270C	Total/NA
Benzo[a]pyrene	2.7		0.042	0.0077	mg/Kg	1	☼	8270C	Total/NA
Benzo[g,h,i]perylene	1.9		0.042	0.014	mg/Kg	1	☼	8270C	Total/NA
Benzo[k]fluoranthene	1.3		0.042	0.010	mg/Kg	1	☼	8270C	Total/NA
Carbazole	0.71		0.21	0.060	mg/Kg	1	☼	8270C	Total/NA
Dibenz(a,h)anthracene	0.96		0.042	0.012	mg/Kg	1	☼	8270C	Total/NA
Dibenzofuran	0.38		0.21	0.051	mg/Kg	1	☼	8270C	Total/NA
Fluorene	1.3		0.042	0.0096	mg/Kg	1	☼	8270C	Total/NA
Indeno[1,2,3-cd]pyrene	1.7		0.042	0.014	mg/Kg	1	☼	8270C	Total/NA
Benzo[a]anthracene - DL	6.2		0.42	0.089	mg/Kg	10	☼	8270C	Total/NA
Benzo[b]fluoranthene - DL	6.9		0.42	0.082	mg/Kg	10	☼	8270C	Total/NA
Chrysene - DL	6.5		0.42	0.096	mg/Kg	10	☼	8270C	Total/NA
Fluoranthene - DL	14		0.42	0.17	mg/Kg	10	☼	8270C	Total/NA
Naphthalene - DL	6.9		0.42	0.082	mg/Kg	10	☼	8270C	Total/NA
Phenanthrene - DL	6.8		0.42	0.18	mg/Kg	10	☼	8270C	Total/NA
Pyrene - DL	11		0.42	0.15	mg/Kg	10	☼	8270C	Total/NA
Arsenic	5.5		1.2	0.16	mg/Kg	1	☼	6010B	Total/NA
Barium	85	B	1.2	0.065	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.29	B	0.23	0.032	mg/Kg	1	☼	6010B	Total/NA
Chromium	25		1.2	0.099	mg/Kg	1	☼	6010B	Total/NA
Lead	11		0.58	0.28	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.046		0.021	0.0063	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: B-24 0-2'

Lab Sample ID: WUK0308-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	0.026	J	0.039	0.012	mg/Kg	1	☼	8270C	Total/NA
Anthracene	0.027	J	0.039	0.0092	mg/Kg	1	☼	8270C	Total/NA
Benzo[a]anthracene	0.055		0.039	0.0082	mg/Kg	1	☼	8270C	Total/NA
Benzo[a]pyrene	0.073		0.039	0.0072	mg/Kg	1	☼	8270C	Total/NA
Benzo[b]fluoranthene	0.077		0.039	0.0076	mg/Kg	1	☼	8270C	Total/NA
Benzo[g,h,i]perylene	0.069		0.039	0.013	mg/Kg	1	☼	8270C	Total/NA
Benzo[k]fluoranthene	0.052		0.039	0.0094	mg/Kg	1	☼	8270C	Total/NA
Chrysene	0.079		0.039	0.0089	mg/Kg	1	☼	8270C	Total/NA
Dibenz(a,h)anthracene	0.014	J	0.039	0.011	mg/Kg	1	☼	8270C	Total/NA
Fluoranthene	0.12		0.039	0.016	mg/Kg	1	☼	8270C	Total/NA
Fluorene	0.017	J	0.039	0.0089	mg/Kg	1	☼	8270C	Total/NA
Indeno[1,2,3-cd]pyrene	0.058		0.039	0.013	mg/Kg	1	☼	8270C	Total/NA
Phenanthrene	0.064		0.039	0.016	mg/Kg	1	☼	8270C	Total/NA
Pyrene	0.091		0.039	0.014	mg/Kg	1	☼	8270C	Total/NA
Arsenic	9.0		1.2	0.17	mg/Kg	1	☼	6010B	Total/NA
Barium	63	B	1.2	0.067	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.41	B	0.24	0.032	mg/Kg	1	☼	6010B	Total/NA
Chromium	20		1.2	0.10	mg/Kg	1	☼	6010B	Total/NA
Lead	17		0.60	0.29	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.031		0.020	0.0060	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: B-25 0-2'

Lab Sample ID: WUK0308-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Bis(2-ethylhexyl) phthalate	0.053	J	0.20	0.052	mg/Kg	1	☼	8270C	Total/NA
PCB-1254	0.065		0.020	0.0056	mg/Kg	1	☼	8082	Total/NA
Polychlorinated biphenyls, Total	0.065		0.020	0.0030	mg/Kg	1	☼	8082	Total/NA
Arsenic	3.3		1.1	0.15	mg/Kg	1	☼	6010B	Total/NA

Detection Summary

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0308

Client Sample ID: B-25 0-2' (Continued)

Lab Sample ID: WUK0308-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	40	B	1.1	0.060	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.36	B	0.22	0.029	mg/Kg	1	☼	6010B	Total/NA
Chromium	15		1.1	0.092	mg/Kg	1	☼	6010B	Total/NA
Lead	8.0		0.54	0.26	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.017	J	0.018	0.0054	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: B-25 4-6'

Lab Sample ID: WUK0308-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	0.025	J	0.038	0.0080	mg/Kg	1	☼	8270C	Total/NA
Benzo[a]pyrene	0.031	J	0.038	0.0070	mg/Kg	1	☼	8270C	Total/NA
Benzo[b]fluoranthene	0.033	J	0.038	0.0075	mg/Kg	1	☼	8270C	Total/NA
Benzo[g,h,i]perylene	0.027	J	0.038	0.013	mg/Kg	1	☼	8270C	Total/NA
Benzo[k]fluoranthene	0.022	J	0.038	0.0092	mg/Kg	1	☼	8270C	Total/NA
Chrysene	0.035	J	0.038	0.0087	mg/Kg	1	☼	8270C	Total/NA
Dibenz(a,h)anthracene	0.013	J	0.038	0.011	mg/Kg	1	☼	8270C	Total/NA
Fluoranthene	0.047		0.038	0.016	mg/Kg	1	☼	8270C	Total/NA
Indeno[1,2,3-cd]pyrene	0.022	J	0.038	0.013	mg/Kg	1	☼	8270C	Total/NA
Pyrene	0.034	J	0.038	0.014	mg/Kg	1	☼	8270C	Total/NA
Arsenic	5.2		1.1	0.15	mg/Kg	1	☼	6010B	Total/NA
Barium	51	B	1.1	0.060	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.33	B	0.21	0.029	mg/Kg	1	☼	6010B	Total/NA
Chromium	18		1.1	0.090	mg/Kg	1	☼	6010B	Total/NA
Lead	12		0.53	0.26	mg/Kg	1	☼	6010B	Total/NA
Selenium	0.39	J B	1.1	0.30	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.035		0.020	0.0061	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: B-25 8-10'

Lab Sample ID: WUK0308-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	0.020	J	0.038	0.011	mg/Kg	1	☼	8270C	Total/NA
Anthracene	0.027	J	0.038	0.0090	mg/Kg	1	☼	8270C	Total/NA
Benzo[a]anthracene	0.11		0.038	0.0080	mg/Kg	1	☼	8270C	Total/NA
Benzo[a]pyrene	0.14		0.038	0.0070	mg/Kg	1	☼	8270C	Total/NA
Benzo[b]fluoranthene	0.14		0.038	0.0074	mg/Kg	1	☼	8270C	Total/NA
Benzo[g,h,i]perylene	0.10		0.038	0.013	mg/Kg	1	☼	8270C	Total/NA
Benzo[k]fluoranthene	0.10		0.038	0.0091	mg/Kg	1	☼	8270C	Total/NA
Chrysene	0.13		0.038	0.0086	mg/Kg	1	☼	8270C	Total/NA
Dibenz(a,h)anthracene	0.024	J	0.038	0.011	mg/Kg	1	☼	8270C	Total/NA
Fluoranthene	0.20		0.038	0.016	mg/Kg	1	☼	8270C	Total/NA
Indeno[1,2,3-cd]pyrene	0.089		0.038	0.013	mg/Kg	1	☼	8270C	Total/NA
Naphthalene	0.017	J	0.038	0.0074	mg/Kg	1	☼	8270C	Total/NA
Phenanthrene	0.10		0.038	0.016	mg/Kg	1	☼	8270C	Total/NA
Pyrene	0.15		0.038	0.014	mg/Kg	1	☼	8270C	Total/NA
Arsenic	6.0		1.1	0.16	mg/Kg	1	☼	6010B	Total/NA
Barium	65	B	1.1	0.064	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.36	B	0.23	0.031	mg/Kg	1	☼	6010B	Total/NA
Chromium	22		1.1	0.097	mg/Kg	1	☼	6010B	Total/NA
Lead	32		0.57	0.27	mg/Kg	1	☼	6010B	Total/NA
Selenium	0.61	J B	1.1	0.32	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.040		0.020	0.0060	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: B-26 0-2'

Lab Sample ID: WUK0308-15

Detection Summary

Client: Tetra Tech GEO
 Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0308

Client Sample ID: B-26 0-2' (Continued)

Lab Sample ID: WUK0308-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	0.048		0.036	0.011	mg/Kg	1	☼	8270C	Total/NA
Acenaphthylene	0.088		0.036	0.0084	mg/Kg	1	☼	8270C	Total/NA
Anthracene	0.25		0.036	0.0086	mg/Kg	1	☼	8270C	Total/NA
Benzo[a]anthracene	1.8		0.036	0.0076	mg/Kg	1	☼	8270C	Total/NA
Benzo[a]pyrene	1.6		0.036	0.0066	mg/Kg	1	☼	8270C	Total/NA
Benzo[b]fluoranthene	1.8		0.036	0.0071	mg/Kg	1	☼	8270C	Total/NA
Benzo[g,h,i]perylene	1.4		0.036	0.012	mg/Kg	1	☼	8270C	Total/NA
Benzo[k]fluoranthene	1.3		0.036	0.0087	mg/Kg	1	☼	8270C	Total/NA
Carbazole	0.090	J	0.18	0.051	mg/Kg	1	☼	8270C	Total/NA
Chrysene	2.1		0.036	0.0082	mg/Kg	1	☼	8270C	Total/NA
Dibenz(a,h)anthracene	0.62		0.036	0.010	mg/Kg	1	☼	8270C	Total/NA
Fluoranthene	2.1		0.036	0.015	mg/Kg	1	☼	8270C	Total/NA
Fluorene	0.040		0.036	0.0083	mg/Kg	1	☼	8270C	Total/NA
Indeno[1,2,3-cd]pyrene	1.3		0.036	0.012	mg/Kg	1	☼	8270C	Total/NA
Naphthalene	0.073		0.036	0.0070	mg/Kg	1	☼	8270C	Total/NA
Phenanthrene	0.56		0.036	0.015	mg/Kg	1	☼	8270C	Total/NA
Pyrene	1.7		0.036	0.013	mg/Kg	1	☼	8270C	Total/NA
PCB-1254	0.20		0.019	0.0054	mg/Kg	1	☼	8082	Total/NA
Polychlorinated biphenyls, Total	0.20		0.019	0.0029	mg/Kg	1	☼	8082	Total/NA
Arsenic	4.4		0.98	0.14	mg/Kg	1	☼	6010B	Total/NA
Barium	46	B	0.98	0.055	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.30	B	0.20	0.027	mg/Kg	1	☼	6010B	Total/NA
Chromium	18		0.98	0.084	mg/Kg	1	☼	6010B	Total/NA
Lead	11		0.49	0.24	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.030		0.018	0.0056	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: Trip Blank(MeOH)

Lab Sample ID: WUK0308-16

No Detections

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0308

Client Sample ID: B-21 0-2'

Lab Sample ID: WUK0308-01

Date Collected: 11/08/11 11:40

Matrix: Solid/Soil

Date Received: 11/09/11 16:20

Percent Solids: 89.9

Method: SW 8260B - VOCs by SW8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<28		110	28	ug/kg dry	☼	11/11/11 12:52	11/11/11 15:39	1.0
Bromobenzene	<28		110	28	ug/kg dry	☼	11/11/11 12:52	11/11/11 15:39	1.0
Bromochloromethane	<28		110	28	ug/kg dry	☼	11/11/11 12:52	11/11/11 15:39	1.0
Bromodichloromethane	<28		110	28	ug/kg dry	☼	11/11/11 12:52	11/11/11 15:39	1.0
Bromoform	<28		110	28	ug/kg dry	☼	11/11/11 12:52	11/11/11 15:39	1.0
Bromomethane	<110		280	110	ug/kg dry	☼	11/11/11 12:52	11/11/11 15:39	1.0
n-Butylbenzene	<28		110	28	ug/kg dry	☼	11/11/11 12:52	11/11/11 15:39	1.0
sec-Butylbenzene	<28		110	28	ug/kg dry	☼	11/11/11 12:52	11/11/11 15:39	1.0
tert-Butylbenzene	<28		110	28	ug/kg dry	☼	11/11/11 12:52	11/11/11 15:39	1.0
Carbon Tetrachloride	<28		110	28	ug/kg dry	☼	11/11/11 12:52	11/11/11 15:39	1.0
Chlorobenzene	<28		110	28	ug/kg dry	☼	11/11/11 12:52	11/11/11 15:39	1.0
Chlorodibromomethane	<28		110	28	ug/kg dry	☼	11/11/11 12:52	11/11/11 15:39	1.0
Chloroethane	<56		110	56	ug/kg dry	☼	11/11/11 12:52	11/11/11 15:39	1.0
Chloroform	<28		110	28	ug/kg dry	☼	11/11/11 12:52	11/11/11 15:39	1.0
Chloromethane	<56		110	56	ug/kg dry	☼	11/11/11 12:52	11/11/11 15:39	1.0
2-Chlorotoluene	<56		110	56	ug/kg dry	☼	11/11/11 12:52	11/11/11 15:39	1.0
4-Chlorotoluene	<28		110	28	ug/kg dry	☼	11/11/11 12:52	11/11/11 15:39	1.0
1,2-Dibromo-3-chloropropane	<56		110	56	ug/kg dry	☼	11/11/11 12:52	11/11/11 15:39	1.0
1,2-Dibromoethane (EDB)	<28		110	28	ug/kg dry	☼	11/11/11 12:52	11/11/11 15:39	1.0
Dibromomethane	<28		110	28	ug/kg dry	☼	11/11/11 12:52	11/11/11 15:39	1.0
1,2-Dichlorobenzene	<28		110	28	ug/kg dry	☼	11/11/11 12:52	11/11/11 15:39	1.0
1,3-Dichlorobenzene	<28		110	28	ug/kg dry	☼	11/11/11 12:52	11/11/11 15:39	1.0
1,4-Dichlorobenzene	<28		110	28	ug/kg dry	☼	11/11/11 12:52	11/11/11 15:39	1.0
Dichlorodifluoromethane	<56		110	56	ug/kg dry	☼	11/11/11 12:52	11/11/11 15:39	1.0
1,1-Dichloroethane	<28		110	28	ug/kg dry	☼	11/11/11 12:52	11/11/11 15:39	1.0
1,2-Dichloroethane	<28		110	28	ug/kg dry	☼	11/11/11 12:52	11/11/11 15:39	1.0
1,1-Dichloroethene	<28		110	28	ug/kg dry	☼	11/11/11 12:52	11/11/11 15:39	1.0
cis-1,2-Dichloroethene	<28		110	28	ug/kg dry	☼	11/11/11 12:52	11/11/11 15:39	1.0
trans-1,2-Dichloroethene	<28		110	28	ug/kg dry	☼	11/11/11 12:52	11/11/11 15:39	1.0
1,2-Dichloropropane	<28		110	28	ug/kg dry	☼	11/11/11 12:52	11/11/11 15:39	1.0
1,3-Dichloropropane	<28		110	28	ug/kg dry	☼	11/11/11 12:52	11/11/11 15:39	1.0
2,2-Dichloropropane	<28		110	28	ug/kg dry	☼	11/11/11 12:52	11/11/11 15:39	1.0
1,1-Dichloropropene	<28		110	28	ug/kg dry	☼	11/11/11 12:52	11/11/11 15:39	1.0
cis-1,3-Dichloropropene	<28		110	28	ug/kg dry	☼	11/11/11 12:52	11/11/11 15:39	1.0
trans-1,3-Dichloropropene	<28		110	28	ug/kg dry	☼	11/11/11 12:52	11/11/11 15:39	1.0
Isopropyl Ether	<28		110	28	ug/kg dry	☼	11/11/11 12:52	11/11/11 15:39	1.0
Ethylbenzene	<28		110	28	ug/kg dry	☼	11/11/11 12:52	11/11/11 15:39	1.0
Hexachlorobutadiene	<28		110	28	ug/kg dry	☼	11/11/11 12:52	11/11/11 15:39	1.0
Isopropylbenzene	<28		110	28	ug/kg dry	☼	11/11/11 12:52	11/11/11 15:39	1.0
p-Isopropyltoluene	<28		110	28	ug/kg dry	☼	11/11/11 12:52	11/11/11 15:39	1.0
Methylene Chloride	<56		110	56	ug/kg dry	☼	11/11/11 12:52	11/11/11 15:39	1.0
Methyl tert-Butyl Ether	<28		110	28	ug/kg dry	☼	11/11/11 12:52	11/11/11 15:39	1.0
Naphthalene	<56		110	56	ug/kg dry	☼	11/11/11 12:52	11/11/11 15:39	1.0
n-Propylbenzene	<28		110	28	ug/kg dry	☼	11/11/11 12:52	11/11/11 15:39	1.0
Styrene	<56		110	56	ug/kg dry	☼	11/11/11 12:52	11/11/11 15:39	1.0
1,1,1,2-Tetrachloroethane	<28		110	28	ug/kg dry	☼	11/11/11 12:52	11/11/11 15:39	1.0
1,1,1,2,2-Tetrachloroethane	<28		110	28	ug/kg dry	☼	11/11/11 12:52	11/11/11 15:39	1.0
Tetrachloroethene	<28		110	28	ug/kg dry	☼	11/11/11 12:52	11/11/11 15:39	1.0
Toluene	<28		110	28	ug/kg dry	☼	11/11/11 12:52	11/11/11 15:39	1.0
1,2,3-Trichlorobenzene	<28		110	28	ug/kg dry	☼	11/11/11 12:52	11/11/11 15:39	1.0

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0308

Client Sample ID: B-21 0-2'

Lab Sample ID: WUK0308-01

Date Collected: 11/08/11 11:40

Matrix: Solid/Soil

Date Received: 11/09/11 16:20

Percent Solids: 89.9

Method: SW 8260B - VOCs by SW8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<28		110	28	ug/kg dry	☼	11/11/11 12:52	11/11/11 15:39	1.0
1,1,1-Trichloroethane	<28		110	28	ug/kg dry	☼	11/11/11 12:52	11/11/11 15:39	1.0
1,1,2-Trichloroethane	<28		110	28	ug/kg dry	☼	11/11/11 12:52	11/11/11 15:39	1.0
Trichloroethene	<28		110	28	ug/kg dry	☼	11/11/11 12:52	11/11/11 15:39	1.0
Trichlorofluoromethane	<28		110	28	ug/kg dry	☼	11/11/11 12:52	11/11/11 15:39	1.0
1,2,3-Trichloropropane	<56		110	56	ug/kg dry	☼	11/11/11 12:52	11/11/11 15:39	1.0
1,2,4-Trimethylbenzene	<28		110	28	ug/kg dry	☼	11/11/11 12:52	11/11/11 15:39	1.0
1,3,5-Trimethylbenzene	<28		110	28	ug/kg dry	☼	11/11/11 12:52	11/11/11 15:39	1.0
Vinyl chloride	<28		110	28	ug/kg dry	☼	11/11/11 12:52	11/11/11 15:39	1.0
Xylenes, total	<83		330	83	ug/kg dry	☼	11/11/11 12:52	11/11/11 15:39	1.0
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>Dibromofluoromethane</i>	98		80 - 120				11/11/11 12:52	11/11/11 15:39	1.0
<i>Toluene-d8</i>	98		80 - 120				11/11/11 12:52	11/11/11 15:39	1.0
<i>4-Bromofluorobenzene</i>	99		80 - 120				11/11/11 12:52	11/11/11 15:39	1.0

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.040		0.18	0.040	mg/Kg	☼	11/17/11 18:45	11/21/11 21:17	1
1,2-Dichlorobenzene	<0.038		0.18	0.038	mg/Kg	☼	11/17/11 18:45	11/21/11 21:17	1
1,3-Dichlorobenzene	<0.037		0.18	0.037	mg/Kg	☼	11/17/11 18:45	11/21/11 21:17	1
1,4-Dichlorobenzene	<0.037		0.18	0.037	mg/Kg	☼	11/17/11 18:45	11/21/11 21:17	1
2,4,5-Trichlorophenol	<0.10		0.35	0.10	mg/Kg	☼	11/17/11 18:45	11/21/11 21:17	1
2,4,6-Trichlorophenol	<0.044		0.35	0.044	mg/Kg	☼	11/17/11 18:45	11/21/11 21:17	1
2,4-Dichlorophenol	<0.11		0.35	0.11	mg/Kg	☼	11/17/11 18:45	11/21/11 21:17	1
2,4-Dimethylphenol	<0.11		0.35	0.11	mg/Kg	☼	11/17/11 18:45	11/21/11 21:17	1
2,4-Dinitrophenol	<0.18		0.71	0.18	mg/Kg	☼	11/17/11 18:45	11/21/11 21:17	1
2,4-Dinitrotoluene	<0.054		0.18	0.054	mg/Kg	☼	11/17/11 18:45	11/21/11 21:17	1
2,6-Dinitrotoluene	<0.042		0.18	0.042	mg/Kg	☼	11/17/11 18:45	11/21/11 21:17	1
2-Chloronaphthalene	<0.039		0.18	0.039	mg/Kg	☼	11/17/11 18:45	11/21/11 21:17	1
2-Chlorophenol	<0.050		0.18	0.050	mg/Kg	☼	11/17/11 18:45	11/21/11 21:17	1
2-Methylnaphthalene	<0.045		0.18	0.045	mg/Kg	☼	11/17/11 18:45	11/21/11 21:17	1
2-Methylphenol	<0.047		0.18	0.047	mg/Kg	☼	11/17/11 18:45	11/21/11 21:17	1
2-Nitroaniline	<0.063		0.18	0.063	mg/Kg	☼	11/17/11 18:45	11/21/11 21:17	1
2-Nitrophenol	<0.055		0.35	0.055	mg/Kg	☼	11/17/11 18:45	11/21/11 21:17	1
3 & 4 Methylphenol	<0.066		0.18	0.066	mg/Kg	☼	11/17/11 18:45	11/21/11 21:17	1
3,3'-Dichlorobenzidine	<0.029		0.18	0.029	mg/Kg	☼	11/17/11 18:45	11/21/11 21:17	1
3-Nitroaniline	<0.068		0.35	0.068	mg/Kg	☼	11/17/11 18:45	11/21/11 21:17	1
4,6-Dinitro-2-methylphenol	<0.085		0.35	0.085	mg/Kg	☼	11/17/11 18:45	11/21/11 21:17	1
4-Bromophenyl phenyl ether	<0.039		0.18	0.039	mg/Kg	☼	11/17/11 18:45	11/21/11 21:17	1
4-Chloro-3-methylphenol	<0.17		0.35	0.17	mg/Kg	☼	11/17/11 18:45	11/21/11 21:17	1
4-Chloroaniline	<0.11		0.71	0.11	mg/Kg	☼	11/17/11 18:45	11/21/11 21:17	1
4-Chlorophenyl phenyl ether	<0.055		0.18	0.055	mg/Kg	☼	11/17/11 18:45	11/21/11 21:17	1
4-Nitroaniline	<0.072		0.35	0.072	mg/Kg	☼	11/17/11 18:45	11/21/11 21:17	1
4-Nitrophenol	<0.19		0.71	0.19	mg/Kg	☼	11/17/11 18:45	11/21/11 21:17	1
Acenaphthene	<0.010		0.035	0.010	mg/Kg	☼	11/17/11 18:45	11/21/11 21:17	1
Acenaphthylene	<0.0081		0.035	0.0081	mg/Kg	☼	11/17/11 18:45	11/21/11 21:17	1
Anthracene	0.0088	J	0.035	0.0082	mg/Kg	☼	11/17/11 18:45	11/21/11 21:17	1
Benzo[a]anthracene	0.060		0.035	0.0073	mg/Kg	☼	11/17/11 18:45	11/21/11 21:17	1
Benzo[a]pyrene	0.069		0.035	0.0064	mg/Kg	☼	11/17/11 18:45	11/21/11 21:17	1
Benzo[b]fluoranthene	0.077		0.035	0.0068	mg/Kg	☼	11/17/11 18:45	11/21/11 21:17	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0308

Client Sample ID: B-21 0-2'

Lab Sample ID: WUK0308-01

Date Collected: 11/08/11 11:40

Matrix: Solid/Soil

Date Received: 11/09/11 16:20

Percent Solids: 89.9

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[g,h,i]perylene	0.061		0.035	0.012	mg/Kg	☼	11/17/11 18:45	11/21/11 21:17	1
Benzo[k]fluoranthene	0.038		0.035	0.0084	mg/Kg	☼	11/17/11 18:45	11/21/11 21:17	1
bis (2-chloroisopropyl) ether	<0.039		0.18	0.039	mg/Kg	☼	11/17/11 18:45	11/21/11 21:17	1
Bis(2-chloroethoxy)methane	<0.039		0.18	0.039	mg/Kg	☼	11/17/11 18:45	11/21/11 21:17	1
Bis(2-chloroethyl)ether	<0.052		0.18	0.052	mg/Kg	☼	11/17/11 18:45	11/21/11 21:17	1
Bis(2-ethylhexyl) phthalate	0.046	J	0.18	0.046	mg/Kg	☼	11/17/11 18:45	11/21/11 21:17	1
Butyl benzyl phthalate	<0.044		0.18	0.044	mg/Kg	☼	11/17/11 18:45	11/21/11 21:17	1
Carbazole	<0.049		0.18	0.049	mg/Kg	☼	11/17/11 18:45	11/21/11 21:17	1
Chrysene	0.064		0.035	0.0079	mg/Kg	☼	11/17/11 18:45	11/21/11 21:17	1
Dibenz(a,h)anthracene	0.025	J	0.035	0.0098	mg/Kg	☼	11/17/11 18:45	11/21/11 21:17	1
Dibenzofuran	<0.042		0.18	0.042	mg/Kg	☼	11/17/11 18:45	11/21/11 21:17	1
Diethyl phthalate	<0.058		0.18	0.058	mg/Kg	☼	11/17/11 18:45	11/21/11 21:17	1
Dimethyl phthalate	<0.044		0.18	0.044	mg/Kg	☼	11/17/11 18:45	11/21/11 21:17	1
Di-n-butyl phthalate	<0.044		0.18	0.044	mg/Kg	☼	11/17/11 18:45	11/21/11 21:17	1
Di-n-octyl phthalate	<0.071		0.18	0.071	mg/Kg	☼	11/17/11 18:45	11/21/11 21:17	1
Fluoranthene	0.085		0.035	0.014	mg/Kg	☼	11/17/11 18:45	11/21/11 21:17	1
Fluorene	<0.0080		0.035	0.0080	mg/Kg	☼	11/17/11 18:45	11/21/11 21:17	1
Hexachlorobenzene	<0.0069		0.071	0.0069	mg/Kg	☼	11/17/11 18:45	11/21/11 21:17	1
Hexachlorobutadiene	<0.046		0.18	0.046	mg/Kg	☼	11/17/11 18:45	11/21/11 21:17	1
Hexachlorocyclopentadiene	<0.16		0.71	0.16	mg/Kg	☼	11/17/11 18:45	11/21/11 21:17	1
Hexachloroethane	<0.037		0.18	0.037	mg/Kg	☼	11/17/11 18:45	11/21/11 21:17	1
Indeno[1,2,3-cd]pyrene	0.049		0.035	0.012	mg/Kg	☼	11/17/11 18:45	11/21/11 21:17	1
Isophorone	<0.039		0.18	0.039	mg/Kg	☼	11/17/11 18:45	11/21/11 21:17	1
Naphthalene	<0.0068		0.035	0.0068	mg/Kg	☼	11/17/11 18:45	11/21/11 21:17	1
Nitrobenzene	<0.011		0.035	0.011	mg/Kg	☼	11/17/11 18:45	11/21/11 21:17	1
N-Nitrosodimethylamine	<0.38		0.71	0.38	mg/Kg	☼	11/17/11 18:45	11/21/11 21:17	1
N-Nitrosodi-n-propylamine	<0.045		0.18	0.045	mg/Kg	☼	11/17/11 18:45	11/21/11 21:17	1
Pentachlorophenol	<0.18		0.71	0.18	mg/Kg	☼	11/17/11 18:45	11/21/11 21:17	1
Phenanthrene	0.026	J	0.035	0.015	mg/Kg	☼	11/17/11 18:45	11/21/11 21:17	1
Phenol	<0.056		0.18	0.056	mg/Kg	☼	11/17/11 18:45	11/21/11 21:17	1
Pyrene	0.065		0.035	0.013	mg/Kg	☼	11/17/11 18:45	11/21/11 21:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	83		30 - 137	11/17/11 18:45	11/21/11 21:17	1
2-Fluorobiphenyl	79		27 - 113	11/17/11 18:45	11/21/11 21:17	1
2-Fluorophenol	66		30 - 110	11/17/11 18:45	11/21/11 21:17	1
Nitrobenzene-d5	87		22 - 110	11/17/11 18:45	11/21/11 21:17	1
Phenol-d5	79		26 - 112	11/17/11 18:45	11/21/11 21:17	1
Terphenyl-d14	69		33 - 129	11/17/11 18:45	11/21/11 21:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0066		0.018	0.0066	mg/Kg	☼	11/17/11 21:01	11/18/11 16:25	1
PCB-1221	<0.015		0.018	0.015	mg/Kg	☼	11/17/11 21:01	11/18/11 16:25	1
PCB-1232	<0.0071		0.018	0.0071	mg/Kg	☼	11/17/11 21:01	11/18/11 16:25	1
PCB-1242	<0.0088		0.018	0.0088	mg/Kg	☼	11/17/11 21:01	11/18/11 16:25	1
PCB-1248	<0.0067		0.018	0.0067	mg/Kg	☼	11/17/11 21:01	11/18/11 16:25	1
PCB-1254	0.25		0.018	0.0053	mg/Kg	☼	11/17/11 21:01	11/18/11 16:25	1
PCB-1260	<0.0043		0.018	0.0043	mg/Kg	☼	11/17/11 21:01	11/18/11 16:25	1
Polychlorinated biphenyls, Total	0.25		0.018	0.0029	mg/Kg	☼	11/17/11 21:01	11/18/11 16:25	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0308

Client Sample ID: B-21 0-2'

Date Collected: 11/08/11 11:40

Date Received: 11/09/11 16:20

Lab Sample ID: WUK0308-01

Matrix: Solid/Soil

Percent Solids: 89.9

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	82		28 - 124	11/17/11 21:01	11/18/11 16:25	1
DCB Decachlorobiphenyl	91		38 - 130	11/17/11 21:01	11/18/11 16:25	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.1		1.1	0.15	mg/Kg	☼	11/18/11 10:00	11/21/11 11:31	1
Barium	28	B	1.1	0.061	mg/Kg	☼	11/18/11 10:00	11/21/11 11:31	1
Cadmium	0.29	B	0.22	0.029	mg/Kg	☼	11/18/11 10:00	11/21/11 11:31	1
Chromium	6.8		1.1	0.092	mg/Kg	☼	11/18/11 10:00	11/21/11 11:31	1
Lead	5.3		0.54	0.26	mg/Kg	☼	11/18/11 10:00	11/21/11 11:31	1
Selenium	0.49	J B	1.1	0.30	mg/Kg	☼	11/18/11 10:00	11/21/11 11:31	1
Silver	0.70		0.54	0.068	mg/Kg	☼	11/18/11 10:00	11/21/11 11:31	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.013	J	0.017	0.0051	mg/Kg	☼	11/18/11 09:50	11/18/11 12:09	1

Client Sample ID: B-21 4-6'

Date Collected: 11/08/11 11:50

Date Received: 11/09/11 16:20

Lab Sample ID: WUK0308-02

Matrix: Solid/Soil

Percent Solids: 84.1

Method: SW 8260B - VOCs by SW8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 16:06	1.0
Bromobenzene	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 16:06	1.0
Bromochloromethane	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 16:06	1.0
Bromodichloromethane	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 16:06	1.0
Bromoform	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 16:06	1.0
Bromomethane	<120		300	120	ug/kg dry	☼	11/11/11 12:52	11/11/11 16:06	1.0
n-Butylbenzene	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 16:06	1.0
sec-Butylbenzene	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 16:06	1.0
tert-Butylbenzene	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 16:06	1.0
Carbon Tetrachloride	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 16:06	1.0
Chlorobenzene	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 16:06	1.0
Chlorodibromomethane	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 16:06	1.0
Chloroethane	<59		120	59	ug/kg dry	☼	11/11/11 12:52	11/11/11 16:06	1.0
Chloroform	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 16:06	1.0
Chloromethane	<59		120	59	ug/kg dry	☼	11/11/11 12:52	11/11/11 16:06	1.0
2-Chlorotoluene	<59		120	59	ug/kg dry	☼	11/11/11 12:52	11/11/11 16:06	1.0
4-Chlorotoluene	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 16:06	1.0
1,2-Dibromo-3-chloropropane	<59		120	59	ug/kg dry	☼	11/11/11 12:52	11/11/11 16:06	1.0
1,2-Dibromoethane (EDB)	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 16:06	1.0
Dibromomethane	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 16:06	1.0
1,2-Dichlorobenzene	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 16:06	1.0
1,3-Dichlorobenzene	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 16:06	1.0
1,4-Dichlorobenzene	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 16:06	1.0
Dichlorodifluoromethane	<59		120	59	ug/kg dry	☼	11/11/11 12:52	11/11/11 16:06	1.0
1,1-Dichloroethane	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 16:06	1.0
1,2-Dichloroethane	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 16:06	1.0
1,1-Dichloroethene	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 16:06	1.0

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0308

Client Sample ID: B-21 4-6'

Lab Sample ID: WUK0308-02

Date Collected: 11/08/11 11:50

Matrix: Solid/Soil

Date Received: 11/09/11 16:20

Percent Solids: 84.1

Method: SW 8260B - VOCs by SW8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 16:06	1.0
trans-1,2-Dichloroethene	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 16:06	1.0
1,2-Dichloropropane	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 16:06	1.0
1,3-Dichloropropane	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 16:06	1.0
2,2-Dichloropropane	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 16:06	1.0
1,1-Dichloropropene	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 16:06	1.0
cis-1,3-Dichloropropene	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 16:06	1.0
trans-1,3-Dichloropropene	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 16:06	1.0
Isopropyl Ether	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 16:06	1.0
Ethylbenzene	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 16:06	1.0
Hexachlorobutadiene	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 16:06	1.0
Isopropylbenzene	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 16:06	1.0
p-Isopropyltoluene	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 16:06	1.0
Methylene Chloride	<59		120	59	ug/kg dry	*	11/11/11 12:52	11/11/11 16:06	1.0
Methyl tert-Butyl Ether	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 16:06	1.0
Naphthalene	<59		120	59	ug/kg dry	*	11/11/11 12:52	11/11/11 16:06	1.0
n-Propylbenzene	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 16:06	1.0
Styrene	<59		120	59	ug/kg dry	*	11/11/11 12:52	11/11/11 16:06	1.0
1,1,1,2-Tetrachloroethane	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 16:06	1.0
1,1,2,2-Tetrachloroethane	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 16:06	1.0
Tetrachloroethene	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 16:06	1.0
Toluene	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 16:06	1.0
1,2,3-Trichlorobenzene	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 16:06	1.0
1,2,4-Trichlorobenzene	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 16:06	1.0
1,1,1-Trichloroethane	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 16:06	1.0
1,1,2-Trichloroethane	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 16:06	1.0
Trichloroethene	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 16:06	1.0
Trichlorofluoromethane	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 16:06	1.0
1,2,3-Trichloropropane	<59		120	59	ug/kg dry	*	11/11/11 12:52	11/11/11 16:06	1.0
1,2,4-Trimethylbenzene	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 16:06	1.0
1,3,5-Trimethylbenzene	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 16:06	1.0
Vinyl chloride	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 16:06	1.0
Xylenes, total	<89		360	89	ug/kg dry	*	11/11/11 12:52	11/11/11 16:06	1.0

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane	98		80 - 120	11/11/11 12:52	11/11/11 16:06	1.0
Toluene-d8	99		80 - 120	11/11/11 12:52	11/11/11 16:06	1.0
4-Bromofluorobenzene	100		80 - 120	11/11/11 12:52	11/11/11 16:06	1.0

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.044		0.20	0.044	mg/Kg	*	11/17/11 18:45	11/21/11 21:38	1
1,2-Dichlorobenzene	<0.042		0.20	0.042	mg/Kg	*	11/17/11 18:45	11/21/11 21:38	1
1,3-Dichlorobenzene	<0.041		0.20	0.041	mg/Kg	*	11/17/11 18:45	11/21/11 21:38	1
1,4-Dichlorobenzene	<0.041		0.20	0.041	mg/Kg	*	11/17/11 18:45	11/21/11 21:38	1
2,4,5-Trichlorophenol	<0.11		0.39	0.11	mg/Kg	*	11/17/11 18:45	11/21/11 21:38	1
2,4,6-Trichlorophenol	<0.049		0.39	0.049	mg/Kg	*	11/17/11 18:45	11/21/11 21:38	1
2,4-Dichlorophenol	<0.12		0.39	0.12	mg/Kg	*	11/17/11 18:45	11/21/11 21:38	1
2,4-Dimethylphenol	<0.12		0.39	0.12	mg/Kg	*	11/17/11 18:45	11/21/11 21:38	1
2,4-Dinitrophenol	<0.20		0.78	0.20	mg/Kg	*	11/17/11 18:45	11/21/11 21:38	1
2,4-Dinitrotoluene	<0.060		0.20	0.060	mg/Kg	*	11/17/11 18:45	11/21/11 21:38	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0308

Client Sample ID: B-21 4-6'

Lab Sample ID: WUK0308-02

Date Collected: 11/08/11 11:50

Matrix: Solid/Soil

Date Received: 11/09/11 16:20

Percent Solids: 84.1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,6-Dinitrotoluene	<0.046		0.20	0.046	mg/Kg	☼	11/17/11 18:45	11/21/11 21:38	1
2-Chloronaphthalene	<0.044		0.20	0.044	mg/Kg	☼	11/17/11 18:45	11/21/11 21:38	1
2-Chlorophenol	<0.056		0.20	0.056	mg/Kg	☼	11/17/11 18:45	11/21/11 21:38	1
2-Methylnaphthalene	<0.050		0.20	0.050	mg/Kg	☼	11/17/11 18:45	11/21/11 21:38	1
2-Methylphenol	<0.052		0.20	0.052	mg/Kg	☼	11/17/11 18:45	11/21/11 21:38	1
2-Nitroaniline	<0.070		0.20	0.070	mg/Kg	☼	11/17/11 18:45	11/21/11 21:38	1
2-Nitrophenol	<0.061		0.39	0.061	mg/Kg	☼	11/17/11 18:45	11/21/11 21:38	1
3 & 4 Methylphenol	<0.074		0.20	0.074	mg/Kg	☼	11/17/11 18:45	11/21/11 21:38	1
3,3'-Dichlorobenzidine	<0.032		0.20	0.032	mg/Kg	☼	11/17/11 18:45	11/21/11 21:38	1
3-Nitroaniline	<0.075		0.39	0.075	mg/Kg	☼	11/17/11 18:45	11/21/11 21:38	1
4,6-Dinitro-2-methylphenol	<0.094		0.39	0.094	mg/Kg	☼	11/17/11 18:45	11/21/11 21:38	1
4-Bromophenyl phenyl ether	<0.043		0.20	0.043	mg/Kg	☼	11/17/11 18:45	11/21/11 21:38	1
4-Chloro-3-methylphenol	<0.19		0.39	0.19	mg/Kg	☼	11/17/11 18:45	11/21/11 21:38	1
4-Chloroaniline	<0.12		0.78	0.12	mg/Kg	☼	11/17/11 18:45	11/21/11 21:38	1
4-Chlorophenyl phenyl ether	<0.061		0.20	0.061	mg/Kg	☼	11/17/11 18:45	11/21/11 21:38	1
4-Nitroaniline	<0.080		0.39	0.080	mg/Kg	☼	11/17/11 18:45	11/21/11 21:38	1
4-Nitrophenol	<0.21		0.78	0.21	mg/Kg	☼	11/17/11 18:45	11/21/11 21:38	1
Acenaphthene	0.21		0.039	0.012	mg/Kg	☼	11/17/11 18:45	11/21/11 21:38	1
Acenaphthylene	0.066		0.039	0.0089	mg/Kg	☼	11/17/11 18:45	11/21/11 21:38	1
Anthracene	0.67		0.039	0.0091	mg/Kg	☼	11/17/11 18:45	11/21/11 21:38	1
Benzo[a]anthracene	2.2		0.039	0.0081	mg/Kg	☼	11/17/11 18:45	11/21/11 21:38	1
Benzo[a]pyrene	1.8		0.039	0.0071	mg/Kg	☼	11/17/11 18:45	11/21/11 21:38	1
Benzo[b]fluoranthene	2.1		0.039	0.0075	mg/Kg	☼	11/17/11 18:45	11/21/11 21:38	1
Benzo[g,h,i]perylene	1.3		0.039	0.013	mg/Kg	☼	11/17/11 18:45	11/21/11 21:38	1
Benzo[k]fluoranthene	1.1		0.039	0.0093	mg/Kg	☼	11/17/11 18:45	11/21/11 21:38	1
bis (2-chloroisopropyl) ether	<0.043		0.20	0.043	mg/Kg	☼	11/17/11 18:45	11/21/11 21:38	1
Bis(2-chloroethoxy)methane	<0.043		0.20	0.043	mg/Kg	☼	11/17/11 18:45	11/21/11 21:38	1
Bis(2-chloroethyl)ether	<0.058		0.20	0.058	mg/Kg	☼	11/17/11 18:45	11/21/11 21:38	1
Bis(2-ethylhexyl) phthalate	<0.051		0.20	0.051	mg/Kg	☼	11/17/11 18:45	11/21/11 21:38	1
Butyl benzyl phthalate	<0.049		0.20	0.049	mg/Kg	☼	11/17/11 18:45	11/21/11 21:38	1
Carbazole	0.26		0.20	0.055	mg/Kg	☼	11/17/11 18:45	11/21/11 21:38	1
Chrysene	1.9		0.039	0.0088	mg/Kg	☼	11/17/11 18:45	11/21/11 21:38	1
Dibenz(a,h)anthracene	0.51		0.039	0.011	mg/Kg	☼	11/17/11 18:45	11/21/11 21:38	1
Dibenzofuran	0.11 J		0.20	0.047	mg/Kg	☼	11/17/11 18:45	11/21/11 21:38	1
Diethyl phthalate	<0.065		0.20	0.065	mg/Kg	☼	11/17/11 18:45	11/21/11 21:38	1
Dimethyl phthalate	<0.049		0.20	0.049	mg/Kg	☼	11/17/11 18:45	11/21/11 21:38	1
Di-n-butyl phthalate	<0.049		0.20	0.049	mg/Kg	☼	11/17/11 18:45	11/21/11 21:38	1
Di-n-octyl phthalate	<0.079		0.20	0.079	mg/Kg	☼	11/17/11 18:45	11/21/11 21:38	1
Fluorene	0.22		0.039	0.0088	mg/Kg	☼	11/17/11 18:45	11/21/11 21:38	1
Hexachlorobenzene	<0.0077		0.078	0.0077	mg/Kg	☼	11/17/11 18:45	11/21/11 21:38	1
Hexachlorobutadiene	<0.051		0.20	0.051	mg/Kg	☼	11/17/11 18:45	11/21/11 21:38	1
Hexachlorocyclopentadiene	<0.18		0.78	0.18	mg/Kg	☼	11/17/11 18:45	11/21/11 21:38	1
Hexachloroethane	<0.041		0.20	0.041	mg/Kg	☼	11/17/11 18:45	11/21/11 21:38	1
Indeno[1,2,3-cd]pyrene	1.0		0.039	0.013	mg/Kg	☼	11/17/11 18:45	11/21/11 21:38	1
Isophorone	<0.043		0.20	0.043	mg/Kg	☼	11/17/11 18:45	11/21/11 21:38	1
Naphthalene	0.080		0.039	0.0075	mg/Kg	☼	11/17/11 18:45	11/21/11 21:38	1
Nitrobenzene	<0.012		0.039	0.012	mg/Kg	☼	11/17/11 18:45	11/21/11 21:38	1
N-Nitrosodimethylamine	<0.42		0.78	0.42	mg/Kg	☼	11/17/11 18:45	11/21/11 21:38	1
N-Nitrosodi-n-propylamine	<0.049		0.20	0.049	mg/Kg	☼	11/17/11 18:45	11/21/11 21:38	1
Pentachlorophenol	<0.20		0.78	0.20	mg/Kg	☼	11/17/11 18:45	11/21/11 21:38	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0308

Client Sample ID: B-21 4-6'

Lab Sample ID: WUK0308-02

Date Collected: 11/08/11 11:50

Matrix: Solid/Soil

Date Received: 11/09/11 16:20

Percent Solids: 84.1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	2.0		0.039	0.016	mg/Kg	☼	11/17/11 18:45	11/21/11 21:38	1
Phenol	<0.062		0.20	0.062	mg/Kg	☼	11/17/11 18:45	11/21/11 21:38	1
Pyrene	2.9		0.039	0.014	mg/Kg	☼	11/17/11 18:45	11/21/11 21:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	78		30 - 137				11/17/11 18:45	11/21/11 21:38	1
2-Fluorobiphenyl	75		27 - 113				11/17/11 18:45	11/21/11 21:38	1
2-Fluorophenol	61		30 - 110				11/17/11 18:45	11/21/11 21:38	1
Nitrobenzene-d5	78		22 - 110				11/17/11 18:45	11/21/11 21:38	1
Phenol-d5	70		26 - 112				11/17/11 18:45	11/21/11 21:38	1
Terphenyl-d14	86		33 - 129				11/17/11 18:45	11/21/11 21:38	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	5.1		0.077	0.032	mg/Kg	☼	11/17/11 18:45	11/22/11 03:56	2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0071		0.020	0.0071	mg/Kg	☼	11/17/11 21:01	11/18/11 16:39	1
PCB-1221	<0.016		0.020	0.016	mg/Kg	☼	11/17/11 21:01	11/18/11 16:39	1
PCB-1232	<0.0077		0.020	0.0077	mg/Kg	☼	11/17/11 21:01	11/18/11 16:39	1
PCB-1242	<0.0094		0.020	0.0094	mg/Kg	☼	11/17/11 21:01	11/18/11 16:39	1
PCB-1248	<0.0072		0.020	0.0072	mg/Kg	☼	11/17/11 21:01	11/18/11 16:39	1
PCB-1254	0.078		0.020	0.0057	mg/Kg	☼	11/17/11 21:01	11/18/11 16:39	1
PCB-1260	<0.0046		0.020	0.0046	mg/Kg	☼	11/17/11 21:01	11/18/11 16:39	1
Polychlorinated biphenyls, Total	0.078		0.020	0.0031	mg/Kg	☼	11/17/11 21:01	11/18/11 16:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	71		28 - 124				11/17/11 21:01	11/18/11 16:39	1
DCB Decachlorobiphenyl	87		38 - 130				11/17/11 21:01	11/18/11 16:39	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.0		1.2	0.16	mg/Kg	☼	11/18/11 10:00	11/21/11 11:36	1
Barium	28	B	1.2	0.065	mg/Kg	☼	11/18/11 10:00	11/21/11 11:36	1
Cadmium	0.29	B	0.23	0.031	mg/Kg	☼	11/18/11 10:00	11/21/11 11:36	1
Chromium	11		1.2	0.099	mg/Kg	☼	11/18/11 10:00	11/21/11 11:36	1
Lead	8.1		0.58	0.28	mg/Kg	☼	11/18/11 10:00	11/21/11 11:36	1
Selenium	0.58	J B	1.2	0.33	mg/Kg	☼	11/18/11 10:00	11/21/11 11:36	1
Silver	<0.073		0.58	0.073	mg/Kg	☼	11/18/11 10:00	11/21/11 11:36	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.024		0.018	0.0055	mg/Kg	☼	11/18/11 09:50	11/18/11 12:24	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0308

Client Sample ID: B-21 8-10'

Lab Sample ID: WUK0308-03

Date Collected: 11/08/11 12:00

Matrix: Solid/Soil

Date Received: 11/09/11 16:20

Percent Solids: 82.9

Method: SW 8260B - VOCs by SW8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 16:33	1.0
Bromobenzene	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 16:33	1.0
Bromochloromethane	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 16:33	1.0
Bromodichloromethane	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 16:33	1.0
Bromoform	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 16:33	1.0
Bromomethane	<120		300	120	ug/kg dry	*	11/11/11 12:52	11/11/11 16:33	1.0
n-Butylbenzene	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 16:33	1.0
sec-Butylbenzene	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 16:33	1.0
tert-Butylbenzene	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 16:33	1.0
Carbon Tetrachloride	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 16:33	1.0
Chlorobenzene	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 16:33	1.0
Chlorodibromomethane	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 16:33	1.0
Chloroethane	<60		120	60	ug/kg dry	*	11/11/11 12:52	11/11/11 16:33	1.0
Chloroform	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 16:33	1.0
Chloromethane	<60		120	60	ug/kg dry	*	11/11/11 12:52	11/11/11 16:33	1.0
2-Chlorotoluene	<60		120	60	ug/kg dry	*	11/11/11 12:52	11/11/11 16:33	1.0
4-Chlorotoluene	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 16:33	1.0
1,2-Dibromo-3-chloropropane	<60		120	60	ug/kg dry	*	11/11/11 12:52	11/11/11 16:33	1.0
1,2-Dibromoethane (EDB)	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 16:33	1.0
Dibromomethane	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 16:33	1.0
1,2-Dichlorobenzene	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 16:33	1.0
1,3-Dichlorobenzene	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 16:33	1.0
1,4-Dichlorobenzene	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 16:33	1.0
Dichlorodifluoromethane	<60		120	60	ug/kg dry	*	11/11/11 12:52	11/11/11 16:33	1.0
1,1-Dichloroethane	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 16:33	1.0
1,2-Dichloroethane	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 16:33	1.0
1,1-Dichloroethene	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 16:33	1.0
cis-1,2-Dichloroethene	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 16:33	1.0
trans-1,2-Dichloroethene	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 16:33	1.0
1,2-Dichloropropane	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 16:33	1.0
1,3-Dichloropropane	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 16:33	1.0
2,2-Dichloropropane	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 16:33	1.0
1,1-Dichloropropene	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 16:33	1.0
cis-1,3-Dichloropropene	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 16:33	1.0
trans-1,3-Dichloropropene	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 16:33	1.0
Isopropyl Ether	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 16:33	1.0
Ethylbenzene	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 16:33	1.0
Hexachlorobutadiene	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 16:33	1.0
Isopropylbenzene	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 16:33	1.0
p-Isopropyltoluene	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 16:33	1.0
Methylene Chloride	<60		120	60	ug/kg dry	*	11/11/11 12:52	11/11/11 16:33	1.0
Methyl tert-Butyl Ether	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 16:33	1.0
Naphthalene	<60		120	60	ug/kg dry	*	11/11/11 12:52	11/11/11 16:33	1.0
n-Propylbenzene	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 16:33	1.0
Styrene	<60		120	60	ug/kg dry	*	11/11/11 12:52	11/11/11 16:33	1.0
1,1,1,2-Tetrachloroethane	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 16:33	1.0
1,1,2,2-Tetrachloroethane	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 16:33	1.0
Tetrachloroethene	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 16:33	1.0
Toluene	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 16:33	1.0
1,2,3-Trichlorobenzene	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 16:33	1.0

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0308

Client Sample ID: B-21 8-10'

Lab Sample ID: WUK0308-03

Date Collected: 11/08/11 12:00

Matrix: Solid/Soil

Date Received: 11/09/11 16:20

Percent Solids: 82.9

Method: SW 8260B - VOCs by SW8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 16:33	1.0
1,1,1-Trichloroethane	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 16:33	1.0
1,1,2-Trichloroethane	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 16:33	1.0
Trichloroethene	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 16:33	1.0
Trichlorofluoromethane	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 16:33	1.0
1,2,3-Trichloropropane	<60		120	60	ug/kg dry	☼	11/11/11 12:52	11/11/11 16:33	1.0
1,2,4-Trimethylbenzene	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 16:33	1.0
1,3,5-Trimethylbenzene	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 16:33	1.0
Vinyl chloride	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 16:33	1.0
Xylenes, total	<90		360	90	ug/kg dry	☼	11/11/11 12:52	11/11/11 16:33	1.0
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>Dibromofluoromethane</i>	97		80 - 120				11/11/11 12:52	11/11/11 16:33	1.0
<i>Toluene-d8</i>	99		80 - 120				11/11/11 12:52	11/11/11 16:33	1.0
<i>4-Bromofluorobenzene</i>	99		80 - 120				11/11/11 12:52	11/11/11 16:33	1.0

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.044		0.19	0.044	mg/Kg	☼	11/17/11 18:45	11/21/11 21:59	1
1,2-Dichlorobenzene	<0.042		0.19	0.042	mg/Kg	☼	11/17/11 18:45	11/21/11 21:59	1
1,3-Dichlorobenzene	<0.041		0.19	0.041	mg/Kg	☼	11/17/11 18:45	11/21/11 21:59	1
1,4-Dichlorobenzene	<0.041		0.19	0.041	mg/Kg	☼	11/17/11 18:45	11/21/11 21:59	1
2,4,5-Trichlorophenol	<0.11		0.38	0.11	mg/Kg	☼	11/17/11 18:45	11/21/11 21:59	1
2,4,6-Trichlorophenol	<0.048		0.38	0.048	mg/Kg	☼	11/17/11 18:45	11/21/11 21:59	1
2,4-Dichlorophenol	<0.12		0.38	0.12	mg/Kg	☼	11/17/11 18:45	11/21/11 21:59	1
2,4-Dimethylphenol	<0.12		0.38	0.12	mg/Kg	☼	11/17/11 18:45	11/21/11 21:59	1
2,4-Dinitrophenol	<0.20		0.78	0.20	mg/Kg	☼	11/17/11 18:45	11/21/11 21:59	1
2,4-Dinitrotoluene	<0.059		0.19	0.059	mg/Kg	☼	11/17/11 18:45	11/21/11 21:59	1
2,6-Dinitrotoluene	<0.046		0.19	0.046	mg/Kg	☼	11/17/11 18:45	11/21/11 21:59	1
2-Chloronaphthalene	<0.043		0.19	0.043	mg/Kg	☼	11/17/11 18:45	11/21/11 21:59	1
2-Chlorophenol	<0.055		0.19	0.055	mg/Kg	☼	11/17/11 18:45	11/21/11 21:59	1
2-Methylnaphthalene	<0.050		0.19	0.050	mg/Kg	☼	11/17/11 18:45	11/21/11 21:59	1
2-Methylphenol	<0.051		0.19	0.051	mg/Kg	☼	11/17/11 18:45	11/21/11 21:59	1
2-Nitroaniline	<0.069		0.19	0.069	mg/Kg	☼	11/17/11 18:45	11/21/11 21:59	1
2-Nitrophenol	<0.060		0.38	0.060	mg/Kg	☼	11/17/11 18:45	11/21/11 21:59	1
3 & 4 Methylphenol	<0.073		0.19	0.073	mg/Kg	☼	11/17/11 18:45	11/21/11 21:59	1
3,3'-Dichlorobenzidine	<0.032		0.19	0.032	mg/Kg	☼	11/17/11 18:45	11/21/11 21:59	1
3-Nitroaniline	<0.074		0.38	0.074	mg/Kg	☼	11/17/11 18:45	11/21/11 21:59	1
4,6-Dinitro-2-methylphenol	<0.094		0.38	0.094	mg/Kg	☼	11/17/11 18:45	11/21/11 21:59	1
4-Bromophenyl phenyl ether	<0.043		0.19	0.043	mg/Kg	☼	11/17/11 18:45	11/21/11 21:59	1
4-Chloro-3-methylphenol	<0.18		0.38	0.18	mg/Kg	☼	11/17/11 18:45	11/21/11 21:59	1
4-Chloroaniline	<0.12		0.78	0.12	mg/Kg	☼	11/17/11 18:45	11/21/11 21:59	1
4-Chlorophenyl phenyl ether	<0.061		0.19	0.061	mg/Kg	☼	11/17/11 18:45	11/21/11 21:59	1
4-Nitroaniline	<0.079		0.38	0.079	mg/Kg	☼	11/17/11 18:45	11/21/11 21:59	1
4-Nitrophenol	<0.21		0.78	0.21	mg/Kg	☼	11/17/11 18:45	11/21/11 21:59	1
Acenaphthene	<0.012		0.038	0.012	mg/Kg	☼	11/17/11 18:45	11/21/11 21:59	1
Acenaphthylene	<0.0089		0.038	0.0089	mg/Kg	☼	11/17/11 18:45	11/21/11 21:59	1
Anthracene	<0.0091		0.038	0.0091	mg/Kg	☼	11/17/11 18:45	11/21/11 21:59	1
Benzo[a]anthracene	<0.0081		0.038	0.0081	mg/Kg	☼	11/17/11 18:45	11/21/11 21:59	1
Benzo[a]pyrene	0.013 J		0.038	0.0070	mg/Kg	☼	11/17/11 18:45	11/21/11 21:59	1
Benzo[b]fluoranthene	0.012 J		0.038	0.0075	mg/Kg	☼	11/17/11 18:45	11/21/11 21:59	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0308

Client Sample ID: B-21 8-10'

Lab Sample ID: WUK0308-03

Date Collected: 11/08/11 12:00

Matrix: Solid/Soil

Date Received: 11/09/11 16:20

Percent Solids: 82.9

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[g,h,i]perylene	0.028	J	0.038	0.013	mg/Kg	☼	11/17/11 18:45	11/21/11 21:59	1
Benzo[k]fluoranthene	<0.0092		0.038	0.0092	mg/Kg	☼	11/17/11 18:45	11/21/11 21:59	1
bis (2-chloroisopropyl) ether	<0.043		0.19	0.043	mg/Kg	☼	11/17/11 18:45	11/21/11 21:59	1
Bis(2-chloroethoxy)methane	<0.043		0.19	0.043	mg/Kg	☼	11/17/11 18:45	11/21/11 21:59	1
Bis(2-chloroethyl)ether	<0.057		0.19	0.057	mg/Kg	☼	11/17/11 18:45	11/21/11 21:59	1
Bis(2-ethylhexyl) phthalate	<0.051		0.19	0.051	mg/Kg	☼	11/17/11 18:45	11/21/11 21:59	1
Butyl benzyl phthalate	<0.048		0.19	0.048	mg/Kg	☼	11/17/11 18:45	11/21/11 21:59	1
Carbazole	<0.054		0.19	0.054	mg/Kg	☼	11/17/11 18:45	11/21/11 21:59	1
Chrysene	0.013	J	0.038	0.0087	mg/Kg	☼	11/17/11 18:45	11/21/11 21:59	1
Dibenz(a,h)anthracene	<0.011		0.038	0.011	mg/Kg	☼	11/17/11 18:45	11/21/11 21:59	1
Dibenzofuran	<0.046		0.19	0.046	mg/Kg	☼	11/17/11 18:45	11/21/11 21:59	1
Diethyl phthalate	<0.064		0.19	0.064	mg/Kg	☼	11/17/11 18:45	11/21/11 21:59	1
Dimethyl phthalate	<0.048		0.19	0.048	mg/Kg	☼	11/17/11 18:45	11/21/11 21:59	1
Di-n-butyl phthalate	<0.049		0.19	0.049	mg/Kg	☼	11/17/11 18:45	11/21/11 21:59	1
Di-n-octyl phthalate	<0.078		0.19	0.078	mg/Kg	☼	11/17/11 18:45	11/21/11 21:59	1
Fluoranthene	<0.016		0.038	0.016	mg/Kg	☼	11/17/11 18:45	11/21/11 21:59	1
Fluorene	<0.0088		0.038	0.0088	mg/Kg	☼	11/17/11 18:45	11/21/11 21:59	1
Hexachlorobenzene	<0.0076		0.078	0.0076	mg/Kg	☼	11/17/11 18:45	11/21/11 21:59	1
Hexachlorobutadiene	<0.050		0.19	0.050	mg/Kg	☼	11/17/11 18:45	11/21/11 21:59	1
Hexachlorocyclopentadiene	<0.18		0.78	0.18	mg/Kg	☼	11/17/11 18:45	11/21/11 21:59	1
Hexachloroethane	<0.041		0.19	0.041	mg/Kg	☼	11/17/11 18:45	11/21/11 21:59	1
Indeno[1,2,3-cd]pyrene	0.021	J	0.038	0.013	mg/Kg	☼	11/17/11 18:45	11/21/11 21:59	1
Isophorone	<0.043		0.19	0.043	mg/Kg	☼	11/17/11 18:45	11/21/11 21:59	1
Naphthalene	<0.0074		0.038	0.0074	mg/Kg	☼	11/17/11 18:45	11/21/11 21:59	1
Nitrobenzene	<0.012		0.038	0.012	mg/Kg	☼	11/17/11 18:45	11/21/11 21:59	1
N-Nitrosodimethylamine	<0.42		0.78	0.42	mg/Kg	☼	11/17/11 18:45	11/21/11 21:59	1
N-Nitrosodi-n-propylamine	<0.049		0.19	0.049	mg/Kg	☼	11/17/11 18:45	11/21/11 21:59	1
Pentachlorophenol	<0.20		0.78	0.20	mg/Kg	☼	11/17/11 18:45	11/21/11 21:59	1
Phenanthrene	<0.016		0.038	0.016	mg/Kg	☼	11/17/11 18:45	11/21/11 21:59	1
Phenol	<0.061		0.19	0.061	mg/Kg	☼	11/17/11 18:45	11/21/11 21:59	1
Pyrene	<0.014		0.038	0.014	mg/Kg	☼	11/17/11 18:45	11/21/11 21:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>2,4,6-Tribromophenol</i>	93		30 - 137	11/17/11 18:45	11/21/11 21:59	1
<i>2-Fluorobiphenyl</i>	86		27 - 113	11/17/11 18:45	11/21/11 21:59	1
<i>2-Fluorophenol</i>	69		30 - 110	11/17/11 18:45	11/21/11 21:59	1
<i>Nitrobenzene-d5</i>	90		22 - 110	11/17/11 18:45	11/21/11 21:59	1
<i>Phenol-d5</i>	83		26 - 112	11/17/11 18:45	11/21/11 21:59	1
<i>Terphenyl-d14</i>	75		33 - 129	11/17/11 18:45	11/21/11 21:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0071		0.020	0.0071	mg/Kg	☼	11/17/11 21:01	11/18/11 16:53	1
PCB-1221	<0.016		0.020	0.016	mg/Kg	☼	11/17/11 21:01	11/18/11 16:53	1
PCB-1232	<0.0077		0.020	0.0077	mg/Kg	☼	11/17/11 21:01	11/18/11 16:53	1
PCB-1242	<0.0094		0.020	0.0094	mg/Kg	☼	11/17/11 21:01	11/18/11 16:53	1
PCB-1248	<0.0072		0.020	0.0072	mg/Kg	☼	11/17/11 21:01	11/18/11 16:53	1
PCB-1254	<0.0057		0.020	0.0057	mg/Kg	☼	11/17/11 21:01	11/18/11 16:53	1
PCB-1260	<0.0046		0.020	0.0046	mg/Kg	☼	11/17/11 21:01	11/18/11 16:53	1
Polychlorinated biphenyls, Total	<0.0031		0.020	0.0031	mg/Kg	☼	11/17/11 21:01	11/18/11 16:53	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0308

Client Sample ID: B-21 8-10'

Lab Sample ID: WUK0308-03

Date Collected: 11/08/11 12:00

Matrix: Solid/Soil

Date Received: 11/09/11 16:20

Percent Solids: 82.9

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	75		28 - 124	11/17/11 21:01	11/18/11 16:53	1
DCB Decachlorobiphenyl	89		38 - 130	11/17/11 21:01	11/18/11 16:53	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.0		1.1	0.15	mg/Kg	☼	11/18/11 10:00	11/21/11 11:41	1
Barium	50	B	1.1	0.061	mg/Kg	☼	11/18/11 10:00	11/21/11 11:41	1
Cadmium	0.23	B	0.22	0.029	mg/Kg	☼	11/18/11 10:00	11/21/11 11:41	1
Chromium	18		1.1	0.092	mg/Kg	☼	11/18/11 10:00	11/21/11 11:41	1
Lead	8.3		0.54	0.26	mg/Kg	☼	11/18/11 10:00	11/21/11 11:41	1
Selenium	<0.30		1.1	0.30	mg/Kg	☼	11/18/11 10:00	11/21/11 11:41	1
Silver	<0.068		0.54	0.068	mg/Kg	☼	11/18/11 10:00	11/21/11 11:41	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.018	J	0.019	0.0058	mg/Kg	☼	11/18/11 09:50	11/18/11 12:26	1

Client Sample ID: B-22 0-2'

Lab Sample ID: WUK0308-04

Date Collected: 11/08/11 12:25

Matrix: Solid/Soil

Date Received: 11/09/11 16:20

Percent Solids: 84.1

Method: SW 8260B - VOCs by SW8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 17:00	1.0
Bromobenzene	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 17:00	1.0
Bromochloromethane	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 17:00	1.0
Bromodichloromethane	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 17:00	1.0
Bromoform	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 17:00	1.0
Bromomethane	<120		300	120	ug/kg dry	☼	11/11/11 12:52	11/11/11 17:00	1.0
n-Butylbenzene	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 17:00	1.0
sec-Butylbenzene	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 17:00	1.0
tert-Butylbenzene	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 17:00	1.0
Carbon Tetrachloride	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 17:00	1.0
Chlorobenzene	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 17:00	1.0
Chlorodibromomethane	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 17:00	1.0
Chloroethane	<59		120	59	ug/kg dry	☼	11/11/11 12:52	11/11/11 17:00	1.0
Chloroform	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 17:00	1.0
Chloromethane	<59		120	59	ug/kg dry	☼	11/11/11 12:52	11/11/11 17:00	1.0
2-Chlorotoluene	<59		120	59	ug/kg dry	☼	11/11/11 12:52	11/11/11 17:00	1.0
4-Chlorotoluene	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 17:00	1.0
1,2-Dibromo-3-chloropropane	<59		120	59	ug/kg dry	☼	11/11/11 12:52	11/11/11 17:00	1.0
1,2-Dibromoethane (EDB)	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 17:00	1.0
Dibromomethane	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 17:00	1.0
1,2-Dichlorobenzene	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 17:00	1.0
1,3-Dichlorobenzene	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 17:00	1.0
1,4-Dichlorobenzene	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 17:00	1.0
Dichlorodifluoromethane	<59		120	59	ug/kg dry	☼	11/11/11 12:52	11/11/11 17:00	1.0
1,1-Dichloroethane	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 17:00	1.0
1,2-Dichloroethane	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 17:00	1.0
1,1-Dichloroethene	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 17:00	1.0

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0308

Client Sample ID: B-22 0-2'

Lab Sample ID: WUK0308-04

Date Collected: 11/08/11 12:25

Matrix: Solid/Soil

Date Received: 11/09/11 16:20

Percent Solids: 84.1

Method: SW 8260B - VOCs by SW8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 17:00	1.0
trans-1,2-Dichloroethene	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 17:00	1.0
1,2-Dichloropropane	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 17:00	1.0
1,3-Dichloropropane	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 17:00	1.0
2,2-Dichloropropane	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 17:00	1.0
1,1-Dichloropropene	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 17:00	1.0
cis-1,3-Dichloropropene	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 17:00	1.0
trans-1,3-Dichloropropene	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 17:00	1.0
Isopropyl Ether	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 17:00	1.0
Ethylbenzene	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 17:00	1.0
Hexachlorobutadiene	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 17:00	1.0
Isopropylbenzene	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 17:00	1.0
p-Isopropyltoluene	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 17:00	1.0
Methylene Chloride	<59		120	59	ug/kg dry	*	11/11/11 12:52	11/11/11 17:00	1.0
Methyl tert-Butyl Ether	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 17:00	1.0
Naphthalene	<59		120	59	ug/kg dry	*	11/11/11 12:52	11/11/11 17:00	1.0
n-Propylbenzene	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 17:00	1.0
Styrene	<59		120	59	ug/kg dry	*	11/11/11 12:52	11/11/11 17:00	1.0
1,1,1,2-Tetrachloroethane	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 17:00	1.0
1,1,2,2-Tetrachloroethane	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 17:00	1.0
Tetrachloroethene	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 17:00	1.0
Toluene	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 17:00	1.0
1,2,3-Trichlorobenzene	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 17:00	1.0
1,2,4-Trichlorobenzene	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 17:00	1.0
1,1,1-Trichloroethane	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 17:00	1.0
1,1,2-Trichloroethane	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 17:00	1.0
Trichloroethene	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 17:00	1.0
Trichlorofluoromethane	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 17:00	1.0
1,2,3-Trichloropropane	<59		120	59	ug/kg dry	*	11/11/11 12:52	11/11/11 17:00	1.0
1,2,4-Trimethylbenzene	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 17:00	1.0
1,3,5-Trimethylbenzene	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 17:00	1.0
Vinyl chloride	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 17:00	1.0
Xylenes, total	<89		360	89	ug/kg dry	*	11/11/11 12:52	11/11/11 17:00	1.0

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane	98		80 - 120	11/11/11 12:52	11/11/11 17:00	1.0
Toluene-d8	99		80 - 120	11/11/11 12:52	11/11/11 17:00	1.0
4-Bromofluorobenzene	98		80 - 120	11/11/11 12:52	11/11/11 17:00	1.0

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.043		0.19	0.043	mg/Kg	*	11/17/11 18:45	11/21/11 22:20	1
1,2-Dichlorobenzene	<0.042		0.19	0.042	mg/Kg	*	11/17/11 18:45	11/21/11 22:20	1
1,3-Dichlorobenzene	<0.040		0.19	0.040	mg/Kg	*	11/17/11 18:45	11/21/11 22:20	1
1,4-Dichlorobenzene	<0.040		0.19	0.040	mg/Kg	*	11/17/11 18:45	11/21/11 22:20	1
2,4,5-Trichlorophenol	<0.11		0.38	0.11	mg/Kg	*	11/17/11 18:45	11/21/11 22:20	1
2,4,6-Trichlorophenol	<0.048		0.38	0.048	mg/Kg	*	11/17/11 18:45	11/21/11 22:20	1
2,4-Dichlorophenol	<0.12		0.38	0.12	mg/Kg	*	11/17/11 18:45	11/21/11 22:20	1
2,4-Dimethylphenol	<0.12		0.38	0.12	mg/Kg	*	11/17/11 18:45	11/21/11 22:20	1
2,4-Dinitrophenol	<0.20		0.77	0.20	mg/Kg	*	11/17/11 18:45	11/21/11 22:20	1
2,4-Dinitrotoluene	<0.059		0.19	0.059	mg/Kg	*	11/17/11 18:45	11/21/11 22:20	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0308

Client Sample ID: B-22 0-2'

Lab Sample ID: WUK0308-04

Date Collected: 11/08/11 12:25

Matrix: Solid/Soil

Date Received: 11/09/11 16:20

Percent Solids: 84.1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,6-Dinitrotoluene	<0.045		0.19	0.045	mg/Kg	☼	11/17/11 18:45	11/21/11 22:20	1
2-Chloronaphthalene	<0.043		0.19	0.043	mg/Kg	☼	11/17/11 18:45	11/21/11 22:20	1
2-Chlorophenol	<0.055		0.19	0.055	mg/Kg	☼	11/17/11 18:45	11/21/11 22:20	1
2-Methylnaphthalene	<0.050		0.19	0.050	mg/Kg	☼	11/17/11 18:45	11/21/11 22:20	1
2-Methylphenol	<0.051		0.19	0.051	mg/Kg	☼	11/17/11 18:45	11/21/11 22:20	1
2-Nitroaniline	<0.069		0.19	0.069	mg/Kg	☼	11/17/11 18:45	11/21/11 22:20	1
2-Nitrophenol	<0.060		0.38	0.060	mg/Kg	☼	11/17/11 18:45	11/21/11 22:20	1
3 & 4 Methylphenol	<0.072		0.19	0.072	mg/Kg	☼	11/17/11 18:45	11/21/11 22:20	1
3,3'-Dichlorobenzidine	<0.032		0.19	0.032	mg/Kg	☼	11/17/11 18:45	11/21/11 22:20	1
3-Nitroaniline	<0.074		0.38	0.074	mg/Kg	☼	11/17/11 18:45	11/21/11 22:20	1
4,6-Dinitro-2-methylphenol	<0.093		0.38	0.093	mg/Kg	☼	11/17/11 18:45	11/21/11 22:20	1
4-Bromophenyl phenyl ether	<0.043		0.19	0.043	mg/Kg	☼	11/17/11 18:45	11/21/11 22:20	1
4-Chloro-3-methylphenol	<0.18		0.38	0.18	mg/Kg	☼	11/17/11 18:45	11/21/11 22:20	1
4-Chloroaniline	<0.12		0.77	0.12	mg/Kg	☼	11/17/11 18:45	11/21/11 22:20	1
4-Chlorophenyl phenyl ether	<0.060		0.19	0.060	mg/Kg	☼	11/17/11 18:45	11/21/11 22:20	1
4-Nitroaniline	<0.078		0.38	0.078	mg/Kg	☼	11/17/11 18:45	11/21/11 22:20	1
4-Nitrophenol	<0.21		0.77	0.21	mg/Kg	☼	11/17/11 18:45	11/21/11 22:20	1
Acenaphthene	0.040		0.038	0.011	mg/Kg	☼	11/17/11 18:45	11/21/11 22:20	1
Acenaphthylene	<0.0088		0.038	0.0088	mg/Kg	☼	11/17/11 18:45	11/21/11 22:20	1
Anthracene	0.071		0.038	0.0090	mg/Kg	☼	11/17/11 18:45	11/21/11 22:20	1
Benzo[a]anthracene	0.20		0.038	0.0080	mg/Kg	☼	11/17/11 18:45	11/21/11 22:20	1
Benzo[a]pyrene	0.29		0.038	0.0070	mg/Kg	☼	11/17/11 18:45	11/21/11 22:20	1
Benzo[b]fluoranthene	0.34		0.038	0.0074	mg/Kg	☼	11/17/11 18:45	11/21/11 22:20	1
Benzo[g,h,i]perylene	0.23		0.038	0.013	mg/Kg	☼	11/17/11 18:45	11/21/11 22:20	1
Benzo[k]fluoranthene	0.15		0.038	0.0091	mg/Kg	☼	11/17/11 18:45	11/21/11 22:20	1
bis (2-chloroisopropyl) ether	<0.042		0.19	0.042	mg/Kg	☼	11/17/11 18:45	11/21/11 22:20	1
Bis(2-chloroethoxy)methane	<0.042		0.19	0.042	mg/Kg	☼	11/17/11 18:45	11/21/11 22:20	1
Bis(2-chloroethyl)ether	<0.057		0.19	0.057	mg/Kg	☼	11/17/11 18:45	11/21/11 22:20	1
Bis(2-ethylhexyl) phthalate	<0.051		0.19	0.051	mg/Kg	☼	11/17/11 18:45	11/21/11 22:20	1
Butyl benzyl phthalate	<0.048		0.19	0.048	mg/Kg	☼	11/17/11 18:45	11/21/11 22:20	1
Carbazole	<0.054		0.19	0.054	mg/Kg	☼	11/17/11 18:45	11/21/11 22:20	1
Chrysene	0.22		0.038	0.0086	mg/Kg	☼	11/17/11 18:45	11/21/11 22:20	1
Dibenz(a,h)anthracene	0.071		0.038	0.011	mg/Kg	☼	11/17/11 18:45	11/21/11 22:20	1
Dibenzofuran	<0.046		0.19	0.046	mg/Kg	☼	11/17/11 18:45	11/21/11 22:20	1
Diethyl phthalate	<0.064		0.19	0.064	mg/Kg	☼	11/17/11 18:45	11/21/11 22:20	1
Dimethyl phthalate	<0.048		0.19	0.048	mg/Kg	☼	11/17/11 18:45	11/21/11 22:20	1
Di-n-butyl phthalate	<0.048		0.19	0.048	mg/Kg	☼	11/17/11 18:45	11/21/11 22:20	1
Di-n-octyl phthalate	<0.078		0.19	0.078	mg/Kg	☼	11/17/11 18:45	11/21/11 22:20	1
Fluoranthene	0.43		0.038	0.016	mg/Kg	☼	11/17/11 18:45	11/21/11 22:20	1
Fluorene	0.039		0.038	0.0087	mg/Kg	☼	11/17/11 18:45	11/21/11 22:20	1
Hexachlorobenzene	<0.0075		0.077	0.0075	mg/Kg	☼	11/17/11 18:45	11/21/11 22:20	1
Hexachlorobutadiene	<0.050		0.19	0.050	mg/Kg	☼	11/17/11 18:45	11/21/11 22:20	1
Hexachlorocyclopentadiene	<0.18		0.77	0.18	mg/Kg	☼	11/17/11 18:45	11/21/11 22:20	1
Hexachloroethane	<0.041		0.19	0.041	mg/Kg	☼	11/17/11 18:45	11/21/11 22:20	1
Indeno[1,2,3-cd]pyrene	0.18		0.038	0.013	mg/Kg	☼	11/17/11 18:45	11/21/11 22:20	1
Isophorone	<0.043		0.19	0.043	mg/Kg	☼	11/17/11 18:45	11/21/11 22:20	1
Naphthalene	0.027 J		0.038	0.0074	mg/Kg	☼	11/17/11 18:45	11/21/11 22:20	1
Nitrobenzene	<0.012		0.038	0.012	mg/Kg	☼	11/17/11 18:45	11/21/11 22:20	1
N-Nitrosodimethylamine	<0.42		0.77	0.42	mg/Kg	☼	11/17/11 18:45	11/21/11 22:20	1
N-Nitrosodi-n-propylamine	<0.049		0.19	0.049	mg/Kg	☼	11/17/11 18:45	11/21/11 22:20	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0308

Client Sample ID: B-22 0-2'

Lab Sample ID: WUK0308-04

Date Collected: 11/08/11 12:25

Matrix: Solid/Soil

Date Received: 11/09/11 16:20

Percent Solids: 84.1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	<0.19		0.77	0.19	mg/Kg	☼	11/17/11 18:45	11/21/11 22:20	1
Phenanthrene	0.29		0.038	0.016	mg/Kg	☼	11/17/11 18:45	11/21/11 22:20	1
Phenol	<0.061		0.19	0.061	mg/Kg	☼	11/17/11 18:45	11/21/11 22:20	1
Pyrene	0.29		0.038	0.014	mg/Kg	☼	11/17/11 18:45	11/21/11 22:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	71		30 - 137				11/17/11 18:45	11/21/11 22:20	1
2-Fluorobiphenyl	75		27 - 113				11/17/11 18:45	11/21/11 22:20	1
2-Fluorophenol	63		30 - 110				11/17/11 18:45	11/21/11 22:20	1
Nitrobenzene-d5	80		22 - 110				11/17/11 18:45	11/21/11 22:20	1
Phenol-d5	73		26 - 112				11/17/11 18:45	11/21/11 22:20	1
Terphenyl-d14	68		33 - 129				11/17/11 18:45	11/21/11 22:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0068		0.019	0.0068	mg/Kg	☼	11/17/11 21:01	11/18/11 17:36	1
PCB-1221	<0.015		0.019	0.015	mg/Kg	☼	11/17/11 21:01	11/18/11 17:36	1
PCB-1232	<0.0074		0.019	0.0074	mg/Kg	☼	11/17/11 21:01	11/18/11 17:36	1
PCB-1242	<0.0091		0.019	0.0091	mg/Kg	☼	11/17/11 21:01	11/18/11 17:36	1
PCB-1248	<0.0069		0.019	0.0069	mg/Kg	☼	11/17/11 21:01	11/18/11 17:36	1
PCB-1254	0.014	J	0.019	0.0054	mg/Kg	☼	11/17/11 21:01	11/18/11 17:36	1
PCB-1260	<0.0044		0.019	0.0044	mg/Kg	☼	11/17/11 21:01	11/18/11 17:36	1
Polychlorinated biphenyls, Total	0.014	J	0.019	0.0029	mg/Kg	☼	11/17/11 21:01	11/18/11 17:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	87		28 - 124				11/17/11 21:01	11/18/11 17:36	1
DCB Decachlorobiphenyl	100		38 - 130				11/17/11 21:01	11/18/11 17:36	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.1		1.1	0.15	mg/Kg	☼	11/18/11 10:00	11/21/11 11:56	1
Barium	35	B	1.1	0.060	mg/Kg	☼	11/18/11 10:00	11/21/11 11:56	1
Cadmium	0.53	B	0.21	0.029	mg/Kg	☼	11/18/11 10:00	11/21/11 11:56	1
Chromium	13		1.1	0.091	mg/Kg	☼	11/18/11 10:00	11/21/11 11:56	1
Lead	13		0.54	0.26	mg/Kg	☼	11/18/11 10:00	11/21/11 11:56	1
Selenium	0.71	J B	1.1	0.30	mg/Kg	☼	11/18/11 10:00	11/21/11 11:56	1
Silver	<0.068		0.54	0.068	mg/Kg	☼	11/18/11 10:00	11/21/11 11:56	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.015	J	0.018	0.0056	mg/Kg	☼	11/18/11 09:50	11/18/11 12:28	1

Client Sample ID: B-22 4-6'

Lab Sample ID: WUK0308-05

Date Collected: 11/08/11 12:35

Matrix: Solid/Soil

Date Received: 11/09/11 16:20

Percent Solids: 84.2

Method: SW 8260B - VOCs by SW8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 17:27	1.0
Bromobenzene	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 17:27	1.0
Bromochloromethane	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 17:27	1.0

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0308

Client Sample ID: B-22 4-6'

Lab Sample ID: WUK0308-05

Date Collected: 11/08/11 12:35

Matrix: Solid/Soil

Date Received: 11/09/11 16:20

Percent Solids: 84.2

Method: SW 8260B - VOCs by SW8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromodichloromethane	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 17:27	1.0
Bromoform	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 17:27	1.0
Bromomethane	<120		300	120	ug/kg dry	*	11/11/11 12:52	11/11/11 17:27	1.0
n-Butylbenzene	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 17:27	1.0
sec-Butylbenzene	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 17:27	1.0
tert-Butylbenzene	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 17:27	1.0
Carbon Tetrachloride	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 17:27	1.0
Chlorobenzene	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 17:27	1.0
Chlorodibromomethane	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 17:27	1.0
Chloroethane	<59		120	59	ug/kg dry	*	11/11/11 12:52	11/11/11 17:27	1.0
Chloroform	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 17:27	1.0
Chloromethane	<59		120	59	ug/kg dry	*	11/11/11 12:52	11/11/11 17:27	1.0
2-Chlorotoluene	<59		120	59	ug/kg dry	*	11/11/11 12:52	11/11/11 17:27	1.0
4-Chlorotoluene	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 17:27	1.0
1,2-Dibromo-3-chloropropane	<59		120	59	ug/kg dry	*	11/11/11 12:52	11/11/11 17:27	1.0
1,2-Dibromoethane (EDB)	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 17:27	1.0
Dibromomethane	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 17:27	1.0
1,2-Dichlorobenzene	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 17:27	1.0
1,3-Dichlorobenzene	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 17:27	1.0
1,4-Dichlorobenzene	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 17:27	1.0
Dichlorodifluoromethane	<59		120	59	ug/kg dry	*	11/11/11 12:52	11/11/11 17:27	1.0
1,1-Dichloroethane	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 17:27	1.0
1,2-Dichloroethane	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 17:27	1.0
1,1-Dichloroethene	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 17:27	1.0
cis-1,2-Dichloroethene	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 17:27	1.0
trans-1,2-Dichloroethene	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 17:27	1.0
1,2-Dichloropropane	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 17:27	1.0
1,3-Dichloropropane	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 17:27	1.0
2,2-Dichloropropane	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 17:27	1.0
1,1-Dichloropropene	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 17:27	1.0
cis-1,3-Dichloropropene	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 17:27	1.0
trans-1,3-Dichloropropene	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 17:27	1.0
Isopropyl Ether	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 17:27	1.0
Ethylbenzene	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 17:27	1.0
Hexachlorobutadiene	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 17:27	1.0
Isopropylbenzene	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 17:27	1.0
p-Isopropyltoluene	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 17:27	1.0
Methylene Chloride	<59		120	59	ug/kg dry	*	11/11/11 12:52	11/11/11 17:27	1.0
Methyl tert-Butyl Ether	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 17:27	1.0
Naphthalene	<59		120	59	ug/kg dry	*	11/11/11 12:52	11/11/11 17:27	1.0
n-Propylbenzene	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 17:27	1.0
Styrene	<59		120	59	ug/kg dry	*	11/11/11 12:52	11/11/11 17:27	1.0
1,1,1,2-Tetrachloroethane	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 17:27	1.0
1,1,2,2-Tetrachloroethane	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 17:27	1.0
Tetrachloroethene	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 17:27	1.0
Toluene	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 17:27	1.0
1,2,3-Trichlorobenzene	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 17:27	1.0
1,2,4-Trichlorobenzene	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 17:27	1.0
1,1,1-Trichloroethane	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 17:27	1.0
1,1,2-Trichloroethane	<30		120	30	ug/kg dry	*	11/11/11 12:52	11/11/11 17:27	1.0

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0308

Client Sample ID: B-22 4-6'

Lab Sample ID: WUK0308-05

Date Collected: 11/08/11 12:35

Matrix: Solid/Soil

Date Received: 11/09/11 16:20

Percent Solids: 84.2

Method: SW 8260B - VOCs by SW8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 17:27	1.0
Trichlorofluoromethane	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 17:27	1.0
1,2,3-Trichloropropane	<59		120	59	ug/kg dry	☼	11/11/11 12:52	11/11/11 17:27	1.0
1,2,4-Trimethylbenzene	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 17:27	1.0
1,3,5-Trimethylbenzene	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 17:27	1.0
Vinyl chloride	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 17:27	1.0
Xylenes, total	<89		360	89	ug/kg dry	☼	11/11/11 12:52	11/11/11 17:27	1.0
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Dibromofluoromethane	97		80 - 120				11/11/11 12:52	11/11/11 17:27	1.0
Toluene-d8	99		80 - 120				11/11/11 12:52	11/11/11 17:27	1.0
4-Bromofluorobenzene	98		80 - 120				11/11/11 12:52	11/11/11 17:27	1.0

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.43		1.9	0.43	mg/Kg	☼	11/17/11 18:45	11/22/11 04:17	10
1,2-Dichlorobenzene	<0.42		1.9	0.42	mg/Kg	☼	11/17/11 18:45	11/22/11 04:17	10
1,3-Dichlorobenzene	<0.40		1.9	0.40	mg/Kg	☼	11/17/11 18:45	11/22/11 04:17	10
1,4-Dichlorobenzene	<0.40		1.9	0.40	mg/Kg	☼	11/17/11 18:45	11/22/11 04:17	10
2,4,5-Trichlorophenol	<1.1		3.8	1.1	mg/Kg	☼	11/17/11 18:45	11/22/11 04:17	10
2,4,6-Trichlorophenol	<0.48		3.8	0.48	mg/Kg	☼	11/17/11 18:45	11/22/11 04:17	10
2,4-Dichlorophenol	<1.2		3.8	1.2	mg/Kg	☼	11/17/11 18:45	11/22/11 04:17	10
2,4-Dimethylphenol	<1.2		3.8	1.2	mg/Kg	☼	11/17/11 18:45	11/22/11 04:17	10
2,4-Dinitrophenol	<2.0		7.7	2.0	mg/Kg	☼	11/17/11 18:45	11/22/11 04:17	10
2,4-Dinitrotoluene	<0.59		1.9	0.59	mg/Kg	☼	11/17/11 18:45	11/22/11 04:17	10
2,6-Dinitrotoluene	<0.45		1.9	0.45	mg/Kg	☼	11/17/11 18:45	11/22/11 04:17	10
2-Chloronaphthalene	<0.43		1.9	0.43	mg/Kg	☼	11/17/11 18:45	11/22/11 04:17	10
2-Chlorophenol	<0.55		1.9	0.55	mg/Kg	☼	11/17/11 18:45	11/22/11 04:17	10
2-Methylnaphthalene	<0.50		1.9	0.50	mg/Kg	☼	11/17/11 18:45	11/22/11 04:17	10
2-Methylphenol	<0.51		1.9	0.51	mg/Kg	☼	11/17/11 18:45	11/22/11 04:17	10
2-Nitroaniline	<0.69		1.9	0.69	mg/Kg	☼	11/17/11 18:45	11/22/11 04:17	10
2-Nitrophenol	<0.60		3.8	0.60	mg/Kg	☼	11/17/11 18:45	11/22/11 04:17	10
3 & 4 Methylphenol	<0.72		1.9	0.72	mg/Kg	☼	11/17/11 18:45	11/22/11 04:17	10
3,3'-Dichlorobenzidine	<0.32		1.9	0.32	mg/Kg	☼	11/17/11 18:45	11/22/11 04:17	10
3-Nitroaniline	<0.74		3.8	0.74	mg/Kg	☼	11/17/11 18:45	11/22/11 04:17	10
4,6-Dinitro-2-methylphenol	<0.93		3.8	0.93	mg/Kg	☼	11/17/11 18:45	11/22/11 04:17	10
4-Bromophenyl phenyl ether	<0.43		1.9	0.43	mg/Kg	☼	11/17/11 18:45	11/22/11 04:17	10
4-Chloro-3-methylphenol	<1.8		3.8	1.8	mg/Kg	☼	11/17/11 18:45	11/22/11 04:17	10
4-Chloroaniline	<1.2		7.7	1.2	mg/Kg	☼	11/17/11 18:45	11/22/11 04:17	10
4-Chlorophenyl phenyl ether	<0.60		1.9	0.60	mg/Kg	☼	11/17/11 18:45	11/22/11 04:17	10
4-Nitroaniline	<0.78		3.8	0.78	mg/Kg	☼	11/17/11 18:45	11/22/11 04:17	10
4-Nitrophenol	<2.1		7.7	2.1	mg/Kg	☼	11/17/11 18:45	11/22/11 04:17	10
Acenaphthene	<0.11		0.38	0.11	mg/Kg	☼	11/17/11 18:45	11/22/11 04:17	10
Acenaphthylene	<0.088		0.38	0.088	mg/Kg	☼	11/17/11 18:45	11/22/11 04:17	10
Anthracene	<0.090		0.38	0.090	mg/Kg	☼	11/17/11 18:45	11/22/11 04:17	10
Benzo[a]anthracene	<0.080		0.38	0.080	mg/Kg	☼	11/17/11 18:45	11/22/11 04:17	10
Benzo[a]pyrene	<0.070		0.38	0.070	mg/Kg	☼	11/17/11 18:45	11/22/11 04:17	10
Benzo[b]fluoranthene	<0.074		0.38	0.074	mg/Kg	☼	11/17/11 18:45	11/22/11 04:17	10
Benzo[g,h,i]perylene	<0.13		0.38	0.13	mg/Kg	☼	11/17/11 18:45	11/22/11 04:17	10
Benzo[k]fluoranthene	<0.091		0.38	0.091	mg/Kg	☼	11/17/11 18:45	11/22/11 04:17	10
bis (2-chloroisopropyl) ether	<0.42		1.9	0.42	mg/Kg	☼	11/17/11 18:45	11/22/11 04:17	10

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0308

Client Sample ID: B-22 4-6'

Lab Sample ID: WUK0308-05

Date Collected: 11/08/11 12:35

Matrix: Solid/Soil

Date Received: 11/09/11 16:20

Percent Solids: 84.2

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethoxy)methane	<0.42		1.9	0.42	mg/Kg	☼	11/17/11 18:45	11/22/11 04:17	10
Bis(2-chloroethyl)ether	<0.57		1.9	0.57	mg/Kg	☼	11/17/11 18:45	11/22/11 04:17	10
Bis(2-ethylhexyl) phthalate	1.6	J	1.9	0.51	mg/Kg	☼	11/17/11 18:45	11/22/11 04:17	10
Butyl benzyl phthalate	<0.48		1.9	0.48	mg/Kg	☼	11/17/11 18:45	11/22/11 04:17	10
Carbazole	<0.54		1.9	0.54	mg/Kg	☼	11/17/11 18:45	11/22/11 04:17	10
Chrysene	<0.086		0.38	0.086	mg/Kg	☼	11/17/11 18:45	11/22/11 04:17	10
Dibenz(a,h)anthracene	<0.11		0.38	0.11	mg/Kg	☼	11/17/11 18:45	11/22/11 04:17	10
Dibenzofuran	<0.46		1.9	0.46	mg/Kg	☼	11/17/11 18:45	11/22/11 04:17	10
Diethyl phthalate	<0.64		1.9	0.64	mg/Kg	☼	11/17/11 18:45	11/22/11 04:17	10
Dimethyl phthalate	<0.48		1.9	0.48	mg/Kg	☼	11/17/11 18:45	11/22/11 04:17	10
Di-n-butyl phthalate	<0.48		1.9	0.48	mg/Kg	☼	11/17/11 18:45	11/22/11 04:17	10
Di-n-octyl phthalate	<0.78		1.9	0.78	mg/Kg	☼	11/17/11 18:45	11/22/11 04:17	10
Fluoranthene	<0.16		0.38	0.16	mg/Kg	☼	11/17/11 18:45	11/22/11 04:17	10
Fluorene	<0.087		0.38	0.087	mg/Kg	☼	11/17/11 18:45	11/22/11 04:17	10
Hexachlorobenzene	<0.075		0.77	0.075	mg/Kg	☼	11/17/11 18:45	11/22/11 04:17	10
Hexachlorobutadiene	<0.50		1.9	0.50	mg/Kg	☼	11/17/11 18:45	11/22/11 04:17	10
Hexachlorocyclopentadiene	<1.8		7.7	1.8	mg/Kg	☼	11/17/11 18:45	11/22/11 04:17	10
Hexachloroethane	<0.41		1.9	0.41	mg/Kg	☼	11/17/11 18:45	11/22/11 04:17	10
Indeno[1,2,3-cd]pyrene	<0.13		0.38	0.13	mg/Kg	☼	11/17/11 18:45	11/22/11 04:17	10
Isophorone	<0.43		1.9	0.43	mg/Kg	☼	11/17/11 18:45	11/22/11 04:17	10
Naphthalene	<0.074		0.38	0.074	mg/Kg	☼	11/17/11 18:45	11/22/11 04:17	10
Nitrobenzene	<0.12		0.38	0.12	mg/Kg	☼	11/17/11 18:45	11/22/11 04:17	10
N-Nitrosodimethylamine	<4.2		7.7	4.2	mg/Kg	☼	11/17/11 18:45	11/22/11 04:17	10
N-Nitrosodi-n-propylamine	<0.49		1.9	0.49	mg/Kg	☼	11/17/11 18:45	11/22/11 04:17	10
Pentachlorophenol	<1.9		7.7	1.9	mg/Kg	☼	11/17/11 18:45	11/22/11 04:17	10
Phenanthrene	<0.16		0.38	0.16	mg/Kg	☼	11/17/11 18:45	11/22/11 04:17	10
Phenol	<0.60		1.9	0.60	mg/Kg	☼	11/17/11 18:45	11/22/11 04:17	10
Pyrene	<0.14		0.38	0.14	mg/Kg	☼	11/17/11 18:45	11/22/11 04:17	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	68		30 - 137	11/17/11 18:45	11/22/11 04:17	10
2-Fluorobiphenyl	90		27 - 113	11/17/11 18:45	11/22/11 04:17	10
2-Fluorophenol	67		30 - 110	11/17/11 18:45	11/22/11 04:17	10
Nitrobenzene-d5	83		22 - 110	11/17/11 18:45	11/22/11 04:17	10
Phenol-d5	72		26 - 112	11/17/11 18:45	11/22/11 04:17	10
Terphenyl-d14	86		33 - 129	11/17/11 18:45	11/22/11 04:17	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0069		0.019	0.0069	mg/Kg	☼	11/17/11 21:01	11/18/11 17:50	1
PCB-1221	<0.015		0.019	0.015	mg/Kg	☼	11/17/11 21:01	11/18/11 17:50	1
PCB-1232	<0.0075		0.019	0.0075	mg/Kg	☼	11/17/11 21:01	11/18/11 17:50	1
PCB-1242	<0.0092		0.019	0.0092	mg/Kg	☼	11/17/11 21:01	11/18/11 17:50	1
PCB-1248	<0.0070		0.019	0.0070	mg/Kg	☼	11/17/11 21:01	11/18/11 17:50	1
PCB-1254	0.078		0.019	0.0055	mg/Kg	☼	11/17/11 21:01	11/18/11 17:50	1
PCB-1260	<0.0045		0.019	0.0045	mg/Kg	☼	11/17/11 21:01	11/18/11 17:50	1
Polychlorinated biphenyls, Total	0.078		0.019	0.0030	mg/Kg	☼	11/17/11 21:01	11/18/11 17:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	64		28 - 124	11/17/11 21:01	11/18/11 17:50	1
DCB Decachlorobiphenyl	74		38 - 130	11/17/11 21:01	11/18/11 17:50	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0308

Client Sample ID: B-22 4-6'

Lab Sample ID: WUK0308-05

Date Collected: 11/08/11 12:35

Matrix: Solid/Soil

Date Received: 11/09/11 16:20

Percent Solids: 84.2

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.2		1.1	0.16	mg/Kg	☼	11/18/11 10:00	11/21/11 12:00	1
Barium	69	B	1.1	0.064	mg/Kg	☼	11/18/11 10:00	11/21/11 12:00	1
Cadmium	0.31	B	0.23	0.031	mg/Kg	☼	11/18/11 10:00	11/21/11 12:00	1
Chromium	21		1.1	0.097	mg/Kg	☼	11/18/11 10:00	11/21/11 12:00	1
Lead	9.6		0.57	0.27	mg/Kg	☼	11/18/11 10:00	11/21/11 12:00	1
Selenium	<0.32		1.1	0.32	mg/Kg	☼	11/18/11 10:00	11/21/11 12:00	1
Silver	<0.072		0.57	0.072	mg/Kg	☼	11/18/11 10:00	11/21/11 12:00	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.030		0.019	0.0058	mg/Kg	☼	11/18/11 09:50	11/18/11 12:30	1

Client Sample ID: B-22 8-10'

Lab Sample ID: WUK0308-06

Date Collected: 11/08/11 12:45

Matrix: Solid/Soil

Date Received: 11/09/11 16:20

Percent Solids: 81.5

Method: SW 8260B - VOCs by SW8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	53000		12000	6100	ug/kg dry	☼	11/11/11 12:52	11/11/11 17:54	100

Method: SW 8260B - VOCs by SW8260B - RE2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	240	J	610	150	ug/kg dry	☼	11/17/11 13:37	11/17/11 23:07	5.0
Bromobenzene	<150		610	150	ug/kg dry	☼	11/17/11 13:37	11/17/11 23:07	5.0
Bromochloromethane	<150		610	150	ug/kg dry	☼	11/17/11 13:37	11/17/11 23:07	5.0
Bromodichloromethane	<150		610	150	ug/kg dry	☼	11/17/11 13:37	11/17/11 23:07	5.0
Bromoform	<150		610	150	ug/kg dry	☼	11/17/11 13:37	11/17/11 23:07	5.0
Bromomethane	<610		1500	610	ug/kg dry	☼	11/17/11 13:37	11/17/11 23:07	5.0
n-Butylbenzene	<150		610	150	ug/kg dry	☼	11/17/11 13:37	11/17/11 23:07	5.0
sec-Butylbenzene	<150		610	150	ug/kg dry	☼	11/17/11 13:37	11/17/11 23:07	5.0
tert-Butylbenzene	<150		610	150	ug/kg dry	☼	11/17/11 13:37	11/17/11 23:07	5.0
Carbon Tetrachloride	<150		610	150	ug/kg dry	☼	11/17/11 13:37	11/17/11 23:07	5.0
Chlorobenzene	<150		610	150	ug/kg dry	☼	11/17/11 13:37	11/17/11 23:07	5.0
Chlorodibromomethane	<150		610	150	ug/kg dry	☼	11/17/11 13:37	11/17/11 23:07	5.0
Chloroethane	<310		610	310	ug/kg dry	☼	11/17/11 13:37	11/17/11 23:07	5.0
Chloroform	<150		610	150	ug/kg dry	☼	11/17/11 13:37	11/17/11 23:07	5.0
Chloromethane	<310		610	310	ug/kg dry	☼	11/17/11 13:37	11/17/11 23:07	5.0
2-Chlorotoluene	<310		610	310	ug/kg dry	☼	11/17/11 13:37	11/17/11 23:07	5.0
4-Chlorotoluene	<150		610	150	ug/kg dry	☼	11/17/11 13:37	11/17/11 23:07	5.0
1,2-Dibromo-3-chloropropane	<310		610	310	ug/kg dry	☼	11/17/11 13:37	11/17/11 23:07	5.0
1,2-Dibromoethane (EDB)	<150		610	150	ug/kg dry	☼	11/17/11 13:37	11/17/11 23:07	5.0
Dibromomethane	<150		610	150	ug/kg dry	☼	11/17/11 13:37	11/17/11 23:07	5.0
1,2-Dichlorobenzene	<150		610	150	ug/kg dry	☼	11/17/11 13:37	11/17/11 23:07	5.0
1,3-Dichlorobenzene	<150		610	150	ug/kg dry	☼	11/17/11 13:37	11/17/11 23:07	5.0
1,4-Dichlorobenzene	<150		610	150	ug/kg dry	☼	11/17/11 13:37	11/17/11 23:07	5.0
Dichlorodifluoromethane	<310		610	310	ug/kg dry	☼	11/17/11 13:37	11/17/11 23:07	5.0
1,1-Dichloroethane	<150		610	150	ug/kg dry	☼	11/17/11 13:37	11/17/11 23:07	5.0
1,2-Dichloroethane	<150		610	150	ug/kg dry	☼	11/17/11 13:37	11/17/11 23:07	5.0
1,1-Dichloroethene	<150		610	150	ug/kg dry	☼	11/17/11 13:37	11/17/11 23:07	5.0
cis-1,2-Dichloroethene	<150		610	150	ug/kg dry	☼	11/17/11 13:37	11/17/11 23:07	5.0

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0308

Client Sample ID: B-22 8-10'

Lab Sample ID: WUK0308-06

Date Collected: 11/08/11 12:45

Matrix: Solid/Soil

Date Received: 11/09/11 16:20

Percent Solids: 81.5

Method: SW 8260B - VOCs by SW8260B - RE2 (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	<150		610	150	ug/kg dry	☼	11/17/11 13:37	11/17/11 23:07	5.0
1,2-Dichloropropane	<150		610	150	ug/kg dry	☼	11/17/11 13:37	11/17/11 23:07	5.0
1,3-Dichloropropane	<150		610	150	ug/kg dry	☼	11/17/11 13:37	11/17/11 23:07	5.0
2,2-Dichloropropane	<150		610	150	ug/kg dry	☼	11/17/11 13:37	11/17/11 23:07	5.0
1,1-Dichloropropene	<150		610	150	ug/kg dry	☼	11/17/11 13:37	11/17/11 23:07	5.0
cis-1,3-Dichloropropene	<150		610	150	ug/kg dry	☼	11/17/11 13:37	11/17/11 23:07	5.0
trans-1,3-Dichloropropene	<150		610	150	ug/kg dry	☼	11/17/11 13:37	11/17/11 23:07	5.0
Isopropyl Ether	<150		610	150	ug/kg dry	☼	11/17/11 13:37	11/17/11 23:07	5.0
Ethylbenzene	<150		610	150	ug/kg dry	☼	11/17/11 13:37	11/17/11 23:07	5.0
Hexachlorobutadiene	<150		610	150	ug/kg dry	☼	11/17/11 13:37	11/17/11 23:07	5.0
Isopropylbenzene	<150		610	150	ug/kg dry	☼	11/17/11 13:37	11/17/11 23:07	5.0
p-Isopropyltoluene	<150		610	150	ug/kg dry	☼	11/17/11 13:37	11/17/11 23:07	5.0
Methylene Chloride	<310		610	310	ug/kg dry	☼	11/17/11 13:37	11/17/11 23:07	5.0
Methyl tert-Butyl Ether	<150		610	150	ug/kg dry	☼	11/17/11 13:37	11/17/11 23:07	5.0
n-Propylbenzene	<150		610	150	ug/kg dry	☼	11/17/11 13:37	11/17/11 23:07	5.0
Styrene	<310		610	310	ug/kg dry	☼	11/17/11 13:37	11/17/11 23:07	5.0
1,1,1,2-Tetrachloroethane	<150		610	150	ug/kg dry	☼	11/17/11 13:37	11/17/11 23:07	5.0
1,1,2,2-Tetrachloroethane	<150		610	150	ug/kg dry	☼	11/17/11 13:37	11/17/11 23:07	5.0
Tetrachloroethene	<150		610	150	ug/kg dry	☼	11/17/11 13:37	11/17/11 23:07	5.0
Toluene	290	J	610	150	ug/kg dry	☼	11/17/11 13:37	11/17/11 23:07	5.0
1,2,3-Trichlorobenzene	<150		610	150	ug/kg dry	☼	11/17/11 13:37	11/17/11 23:07	5.0
1,2,4-Trichlorobenzene	<150		610	150	ug/kg dry	☼	11/17/11 13:37	11/17/11 23:07	5.0
1,1,1-Trichloroethane	<150		610	150	ug/kg dry	☼	11/17/11 13:37	11/17/11 23:07	5.0
1,1,2-Trichloroethane	<150		610	150	ug/kg dry	☼	11/17/11 13:37	11/17/11 23:07	5.0
Trichloroethene	<150		610	150	ug/kg dry	☼	11/17/11 13:37	11/17/11 23:07	5.0
Trichlorofluoromethane	<150		610	150	ug/kg dry	☼	11/17/11 13:37	11/17/11 23:07	5.0
1,2,3-Trichloropropane	<310		610	310	ug/kg dry	☼	11/17/11 13:37	11/17/11 23:07	5.0
1,2,4-Trimethylbenzene	360	J	610	150	ug/kg dry	☼	11/17/11 13:37	11/17/11 23:07	5.0
1,3,5-Trimethylbenzene	160	J	610	150	ug/kg dry	☼	11/17/11 13:37	11/17/11 23:07	5.0
Vinyl chloride	<150		610	150	ug/kg dry	☼	11/17/11 13:37	11/17/11 23:07	5.0
Xylenes, total	510	J	1800	460	ug/kg dry	☼	11/17/11 13:37	11/17/11 23:07	5.0

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane	98		80 - 120	11/17/11 13:37	11/17/11 23:07	5.0
Toluene-d8	98		80 - 120	11/17/11 13:37	11/17/11 23:07	5.0
4-Bromofluorobenzene	98		80 - 120	11/17/11 13:37	11/17/11 23:07	5.0

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.045		0.20	0.045	mg/Kg	☼	11/17/11 18:45	11/21/11 23:02	1
1,2-Dichlorobenzene	<0.044		0.20	0.044	mg/Kg	☼	11/17/11 18:45	11/21/11 23:02	1
1,3-Dichlorobenzene	<0.042		0.20	0.042	mg/Kg	☼	11/17/11 18:45	11/21/11 23:02	1
1,4-Dichlorobenzene	<0.042		0.20	0.042	mg/Kg	☼	11/17/11 18:45	11/21/11 23:02	1
2,4,5-Trichlorophenol	<0.11		0.40	0.11	mg/Kg	☼	11/17/11 18:45	11/21/11 23:02	1
2,4,6-Trichlorophenol	<0.050		0.40	0.050	mg/Kg	☼	11/17/11 18:45	11/21/11 23:02	1
2,4-Dichlorophenol	<0.12		0.40	0.12	mg/Kg	☼	11/17/11 18:45	11/21/11 23:02	1
2,4-Dinitrophenol	<0.20		0.81	0.20	mg/Kg	☼	11/17/11 18:45	11/21/11 23:02	1
2,4-Dinitrotoluene	<0.061		0.20	0.061	mg/Kg	☼	11/17/11 18:45	11/21/11 23:02	1
2,6-Dinitrotoluene	<0.048		0.20	0.048	mg/Kg	☼	11/17/11 18:45	11/21/11 23:02	1
2-Chloronaphthalene	<0.045		0.20	0.045	mg/Kg	☼	11/17/11 18:45	11/21/11 23:02	1
2-Chlorophenol	<0.057		0.20	0.057	mg/Kg	☼	11/17/11 18:45	11/21/11 23:02	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0308

Client Sample ID: B-22 8-10'

Lab Sample ID: WUK0308-06

Date Collected: 11/08/11 12:45

Matrix: Solid/Soil

Date Received: 11/09/11 16:20

Percent Solids: 81.5

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	<0.072		0.20	0.072	mg/Kg	*	11/17/11 18:45	11/21/11 23:02	1
2-Nitrophenol	<0.063		0.40	0.063	mg/Kg	*	11/17/11 18:45	11/21/11 23:02	1
3,3'-Dichlorobenzidine	<0.033		0.20	0.033	mg/Kg	*	11/17/11 18:45	11/21/11 23:02	1
3-Nitroaniline	<0.077		0.40	0.077	mg/Kg	*	11/17/11 18:45	11/21/11 23:02	1
4,6-Dinitro-2-methylphenol	<0.097		0.40	0.097	mg/Kg	*	11/17/11 18:45	11/21/11 23:02	1
4-Bromophenyl phenyl ether	<0.045		0.20	0.045	mg/Kg	*	11/17/11 18:45	11/21/11 23:02	1
4-Chloro-3-methylphenol	<0.19		0.40	0.19	mg/Kg	*	11/17/11 18:45	11/21/11 23:02	1
4-Chloroaniline	<0.12		0.81	0.12	mg/Kg	*	11/17/11 18:45	11/21/11 23:02	1
4-Chlorophenyl phenyl ether	<0.063		0.20	0.063	mg/Kg	*	11/17/11 18:45	11/21/11 23:02	1
4-Nitroaniline	<0.082		0.40	0.082	mg/Kg	*	11/17/11 18:45	11/21/11 23:02	1
4-Nitrophenol	<0.22		0.81	0.22	mg/Kg	*	11/17/11 18:45	11/21/11 23:02	1
Acenaphthene	0.62		0.040	0.012	mg/Kg	*	11/17/11 18:45	11/21/11 23:02	1
Acenaphthylene	<0.0092		0.040	0.0092	mg/Kg	*	11/17/11 18:45	11/21/11 23:02	1
Anthracene	0.12		0.040	0.0094	mg/Kg	*	11/17/11 18:45	11/21/11 23:02	1
Benzo[a]anthracene	0.035 J		0.040	0.0084	mg/Kg	*	11/17/11 18:45	11/21/11 23:02	1
Benzo[a]pyrene	0.023 J		0.040	0.0073	mg/Kg	*	11/17/11 18:45	11/21/11 23:02	1
Benzo[b]fluoranthene	0.026 J		0.040	0.0078	mg/Kg	*	11/17/11 18:45	11/21/11 23:02	1
Benzo[g,h,i]perylene	0.017 J		0.040	0.013	mg/Kg	*	11/17/11 18:45	11/21/11 23:02	1
Benzo[k]fluoranthene	0.018 J		0.040	0.0095	mg/Kg	*	11/17/11 18:45	11/21/11 23:02	1
bis (2-chloroisopropyl) ether	<0.044		0.20	0.044	mg/Kg	*	11/17/11 18:45	11/21/11 23:02	1
Bis(2-chloroethoxy)methane	<0.044		0.20	0.044	mg/Kg	*	11/17/11 18:45	11/21/11 23:02	1
Bis(2-chloroethyl)ether	<0.059		0.20	0.059	mg/Kg	*	11/17/11 18:45	11/21/11 23:02	1
Bis(2-ethylhexyl) phthalate	<0.053		0.20	0.053	mg/Kg	*	11/17/11 18:45	11/21/11 23:02	1
Butyl benzyl phthalate	<0.050		0.20	0.050	mg/Kg	*	11/17/11 18:45	11/21/11 23:02	1
Carbazole	0.72		0.20	0.056	mg/Kg	*	11/17/11 18:45	11/21/11 23:02	1
Chrysene	0.040		0.040	0.0090	mg/Kg	*	11/17/11 18:45	11/21/11 23:02	1
Dibenz(a,h)anthracene	<0.011		0.040	0.011	mg/Kg	*	11/17/11 18:45	11/21/11 23:02	1
Dibenzofuran	0.69		0.20	0.048	mg/Kg	*	11/17/11 18:45	11/21/11 23:02	1
Diethyl phthalate	<0.067		0.20	0.067	mg/Kg	*	11/17/11 18:45	11/21/11 23:02	1
Dimethyl phthalate	<0.050		0.20	0.050	mg/Kg	*	11/17/11 18:45	11/21/11 23:02	1
Di-n-butyl phthalate	<0.050		0.20	0.050	mg/Kg	*	11/17/11 18:45	11/21/11 23:02	1
Di-n-octyl phthalate	<0.081		0.20	0.081	mg/Kg	*	11/17/11 18:45	11/21/11 23:02	1
Fluoranthene	0.12		0.040	0.016	mg/Kg	*	11/17/11 18:45	11/21/11 23:02	1
Fluorene	0.35		0.040	0.0091	mg/Kg	*	11/17/11 18:45	11/21/11 23:02	1
Hexachlorobenzene	<0.0079		0.081	0.0079	mg/Kg	*	11/17/11 18:45	11/21/11 23:02	1
Hexachlorobutadiene	<0.052		0.20	0.052	mg/Kg	*	11/17/11 18:45	11/21/11 23:02	1
Hexachlorocyclopentadiene	<0.19		0.81	0.19	mg/Kg	*	11/17/11 18:45	11/21/11 23:02	1
Hexachloroethane	<0.043		0.20	0.043	mg/Kg	*	11/17/11 18:45	11/21/11 23:02	1
Indeno[1,2,3-cd]pyrene	0.013 J		0.040	0.013	mg/Kg	*	11/17/11 18:45	11/21/11 23:02	1
Isophorone	<0.045		0.20	0.045	mg/Kg	*	11/17/11 18:45	11/21/11 23:02	1
Nitrobenzene	<0.012		0.040	0.012	mg/Kg	*	11/17/11 18:45	11/21/11 23:02	1
N-Nitrosodimethylamine	<0.44		0.81	0.44	mg/Kg	*	11/17/11 18:45	11/21/11 23:02	1
N-Nitrosodi-n-propylamine	<0.051		0.20	0.051	mg/Kg	*	11/17/11 18:45	11/21/11 23:02	1
Pentachlorophenol	<0.20		0.81	0.20	mg/Kg	*	11/17/11 18:45	11/21/11 23:02	1
Phenanthrene	0.61		0.040	0.017	mg/Kg	*	11/17/11 18:45	11/21/11 23:02	1
Pyrene	0.079		0.040	0.014	mg/Kg	*	11/17/11 18:45	11/21/11 23:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	90		30 - 137				11/17/11 18:45	11/21/11 23:02	1
2-Fluorobiphenyl	87		27 - 113				11/17/11 18:45	11/21/11 23:02	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0308

Client Sample ID: B-22 8-10'

Lab Sample ID: WUK0308-06

Date Collected: 11/08/11 12:45

Matrix: Solid/Soil

Date Received: 11/09/11 16:20

Percent Solids: 81.5

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol	71		30 - 110	11/17/11 18:45	11/21/11 23:02	1
Nitrobenzene-d5	86		22 - 110	11/17/11 18:45	11/21/11 23:02	1
Phenol-d5	52		26 - 112	11/17/11 18:45	11/21/11 23:02	1
Terphenyl-d14	69		33 - 129	11/17/11 18:45	11/21/11 23:02	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dimethylphenol	33		20	6.3	mg/Kg	☼	11/17/11 18:45	11/22/11 15:24	50
2-Methylnaphthalene	11		10	2.6	mg/Kg	☼	11/17/11 18:45	11/22/11 15:24	50

Method: 8270C - Semivolatile Organic Compounds (GC/MS) - DL2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	36		20	5.3	mg/Kg	☼	11/17/11 18:45	11/22/11 04:38	100
3 & 4 Methylphenol	150		20	7.6	mg/Kg	☼	11/17/11 18:45	11/22/11 04:38	100
Naphthalene	68		4.0	0.77	mg/Kg	☼	11/17/11 18:45	11/22/11 04:38	100
Phenol	83		20	6.3	mg/Kg	☼	11/17/11 18:45	11/22/11 04:38	100

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0069		0.019	0.0069	mg/Kg	☼	11/17/11 21:01	11/18/11 18:04	1
PCB-1221	<0.016		0.019	0.016	mg/Kg	☼	11/17/11 21:01	11/18/11 18:04	1
PCB-1232	<0.0075		0.019	0.0075	mg/Kg	☼	11/17/11 21:01	11/18/11 18:04	1
PCB-1242	<0.0092		0.019	0.0092	mg/Kg	☼	11/17/11 21:01	11/18/11 18:04	1
PCB-1248	<0.0070		0.019	0.0070	mg/Kg	☼	11/17/11 21:01	11/18/11 18:04	1
PCB-1254	<0.0055		0.019	0.0055	mg/Kg	☼	11/17/11 21:01	11/18/11 18:04	1
PCB-1260	<0.0045		0.019	0.0045	mg/Kg	☼	11/17/11 21:01	11/18/11 18:04	1
Polychlorinated biphenyls, Total	<0.0030		0.019	0.0030	mg/Kg	☼	11/17/11 21:01	11/18/11 18:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	66		28 - 124	11/17/11 21:01	11/18/11 18:04	1
DCB Decachlorobiphenyl	85		38 - 130	11/17/11 21:01	11/18/11 18:04	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.3		1.1	0.16	mg/Kg	☼	11/18/11 10:00	11/21/11 12:05	1
Barium	63	B	1.1	0.064	mg/Kg	☼	11/18/11 10:00	11/21/11 12:05	1
Cadmium	0.25	B	0.23	0.031	mg/Kg	☼	11/18/11 10:00	11/21/11 12:05	1
Chromium	20		1.1	0.097	mg/Kg	☼	11/18/11 10:00	11/21/11 12:05	1
Lead	9.0		0.57	0.27	mg/Kg	☼	11/18/11 10:00	11/21/11 12:05	1
Selenium	<0.32		1.1	0.32	mg/Kg	☼	11/18/11 10:00	11/21/11 12:05	1
Silver	<0.072		0.57	0.072	mg/Kg	☼	11/18/11 10:00	11/21/11 12:05	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.019		0.018	0.0054	mg/Kg	☼	11/18/11 09:50	11/18/11 12:32	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0308

Client Sample ID: B-05-11 0-2'

Lab Sample ID: WUK0308-07

Date Collected: 11/08/11 12:50

Matrix: Solid/Soil

Date Received: 11/09/11 16:20

Percent Solids: 85.5

Method: SW 8260B - VOCs by SW8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<29		120	29	ug/kg dry	*	11/11/11 12:52	11/11/11 18:21	1.0
Bromobenzene	<29		120	29	ug/kg dry	*	11/11/11 12:52	11/11/11 18:21	1.0
Bromochloromethane	<29		120	29	ug/kg dry	*	11/11/11 12:52	11/11/11 18:21	1.0
Bromodichloromethane	<29		120	29	ug/kg dry	*	11/11/11 12:52	11/11/11 18:21	1.0
Bromoform	<29		120	29	ug/kg dry	*	11/11/11 12:52	11/11/11 18:21	1.0
Bromomethane	<120		290	120	ug/kg dry	*	11/11/11 12:52	11/11/11 18:21	1.0
n-Butylbenzene	<29		120	29	ug/kg dry	*	11/11/11 12:52	11/11/11 18:21	1.0
sec-Butylbenzene	<29		120	29	ug/kg dry	*	11/11/11 12:52	11/11/11 18:21	1.0
tert-Butylbenzene	<29		120	29	ug/kg dry	*	11/11/11 12:52	11/11/11 18:21	1.0
Carbon Tetrachloride	<29		120	29	ug/kg dry	*	11/11/11 12:52	11/11/11 18:21	1.0
Chlorobenzene	<29		120	29	ug/kg dry	*	11/11/11 12:52	11/11/11 18:21	1.0
Chlorodibromomethane	<29		120	29	ug/kg dry	*	11/11/11 12:52	11/11/11 18:21	1.0
Chloroethane	<58		120	58	ug/kg dry	*	11/11/11 12:52	11/11/11 18:21	1.0
Chloroform	<29		120	29	ug/kg dry	*	11/11/11 12:52	11/11/11 18:21	1.0
Chloromethane	<58		120	58	ug/kg dry	*	11/11/11 12:52	11/11/11 18:21	1.0
2-Chlorotoluene	<58		120	58	ug/kg dry	*	11/11/11 12:52	11/11/11 18:21	1.0
4-Chlorotoluene	<29		120	29	ug/kg dry	*	11/11/11 12:52	11/11/11 18:21	1.0
1,2-Dibromo-3-chloropropane	<58		120	58	ug/kg dry	*	11/11/11 12:52	11/11/11 18:21	1.0
1,2-Dibromoethane (EDB)	<29		120	29	ug/kg dry	*	11/11/11 12:52	11/11/11 18:21	1.0
Dibromomethane	<29		120	29	ug/kg dry	*	11/11/11 12:52	11/11/11 18:21	1.0
1,2-Dichlorobenzene	<29		120	29	ug/kg dry	*	11/11/11 12:52	11/11/11 18:21	1.0
1,3-Dichlorobenzene	<29		120	29	ug/kg dry	*	11/11/11 12:52	11/11/11 18:21	1.0
1,4-Dichlorobenzene	<29		120	29	ug/kg dry	*	11/11/11 12:52	11/11/11 18:21	1.0
Dichlorodifluoromethane	<58		120	58	ug/kg dry	*	11/11/11 12:52	11/11/11 18:21	1.0
1,1-Dichloroethane	<29		120	29	ug/kg dry	*	11/11/11 12:52	11/11/11 18:21	1.0
1,2-Dichloroethane	<29		120	29	ug/kg dry	*	11/11/11 12:52	11/11/11 18:21	1.0
1,1-Dichloroethene	<29		120	29	ug/kg dry	*	11/11/11 12:52	11/11/11 18:21	1.0
cis-1,2-Dichloroethene	<29		120	29	ug/kg dry	*	11/11/11 12:52	11/11/11 18:21	1.0
trans-1,2-Dichloroethene	<29		120	29	ug/kg dry	*	11/11/11 12:52	11/11/11 18:21	1.0
1,2-Dichloropropane	<29		120	29	ug/kg dry	*	11/11/11 12:52	11/11/11 18:21	1.0
1,3-Dichloropropane	<29		120	29	ug/kg dry	*	11/11/11 12:52	11/11/11 18:21	1.0
2,2-Dichloropropane	<29		120	29	ug/kg dry	*	11/11/11 12:52	11/11/11 18:21	1.0
1,1-Dichloropropene	<29		120	29	ug/kg dry	*	11/11/11 12:52	11/11/11 18:21	1.0
cis-1,3-Dichloropropene	<29		120	29	ug/kg dry	*	11/11/11 12:52	11/11/11 18:21	1.0
trans-1,3-Dichloropropene	<29		120	29	ug/kg dry	*	11/11/11 12:52	11/11/11 18:21	1.0
Isopropyl Ether	<29		120	29	ug/kg dry	*	11/11/11 12:52	11/11/11 18:21	1.0
Ethylbenzene	<29		120	29	ug/kg dry	*	11/11/11 12:52	11/11/11 18:21	1.0
Hexachlorobutadiene	<29		120	29	ug/kg dry	*	11/11/11 12:52	11/11/11 18:21	1.0
Isopropylbenzene	<29		120	29	ug/kg dry	*	11/11/11 12:52	11/11/11 18:21	1.0
p-Isopropyltoluene	<29		120	29	ug/kg dry	*	11/11/11 12:52	11/11/11 18:21	1.0
Methylene Chloride	<58		120	58	ug/kg dry	*	11/11/11 12:52	11/11/11 18:21	1.0
Methyl tert-Butyl Ether	<29		120	29	ug/kg dry	*	11/11/11 12:52	11/11/11 18:21	1.0
Naphthalene	<58		120	58	ug/kg dry	*	11/11/11 12:52	11/11/11 18:21	1.0
n-Propylbenzene	<29		120	29	ug/kg dry	*	11/11/11 12:52	11/11/11 18:21	1.0
Styrene	<58		120	58	ug/kg dry	*	11/11/11 12:52	11/11/11 18:21	1.0
1,1,1,2-Tetrachloroethane	<29		120	29	ug/kg dry	*	11/11/11 12:52	11/11/11 18:21	1.0
1,1,2,2-Tetrachloroethane	<29		120	29	ug/kg dry	*	11/11/11 12:52	11/11/11 18:21	1.0
Tetrachloroethene	<29		120	29	ug/kg dry	*	11/11/11 12:52	11/11/11 18:21	1.0
Toluene	<29		120	29	ug/kg dry	*	11/11/11 12:52	11/11/11 18:21	1.0
1,2,3-Trichlorobenzene	<29		120	29	ug/kg dry	*	11/11/11 12:52	11/11/11 18:21	1.0

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0308

Client Sample ID: B-05-11 0-2'

Lab Sample ID: WUK0308-07

Date Collected: 11/08/11 12:50

Matrix: Solid/Soil

Date Received: 11/09/11 16:20

Percent Solids: 85.5

Method: SW 8260B - VOCs by SW8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<29		120	29	ug/kg dry	☼	11/11/11 12:52	11/11/11 18:21	1.0
1,1,1-Trichloroethane	<29		120	29	ug/kg dry	☼	11/11/11 12:52	11/11/11 18:21	1.0
1,1,2-Trichloroethane	<29		120	29	ug/kg dry	☼	11/11/11 12:52	11/11/11 18:21	1.0
Trichloroethene	<29		120	29	ug/kg dry	☼	11/11/11 12:52	11/11/11 18:21	1.0
Trichlorofluoromethane	<29		120	29	ug/kg dry	☼	11/11/11 12:52	11/11/11 18:21	1.0
1,2,3-Trichloropropane	<58		120	58	ug/kg dry	☼	11/11/11 12:52	11/11/11 18:21	1.0
1,2,4-Trimethylbenzene	<29		120	29	ug/kg dry	☼	11/11/11 12:52	11/11/11 18:21	1.0
1,3,5-Trimethylbenzene	<29		120	29	ug/kg dry	☼	11/11/11 12:52	11/11/11 18:21	1.0
Vinyl chloride	<29		120	29	ug/kg dry	☼	11/11/11 12:52	11/11/11 18:21	1.0
Xylenes, total	<88		350	88	ug/kg dry	☼	11/11/11 12:52	11/11/11 18:21	1.0
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Dibromofluoromethane	96		80 - 120				11/11/11 12:52	11/11/11 18:21	1.0
Toluene-d8	99		80 - 120				11/11/11 12:52	11/11/11 18:21	1.0
4-Bromofluorobenzene	98		80 - 120				11/11/11 12:52	11/11/11 18:21	1.0

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.043		0.19	0.043	mg/Kg	☼	11/17/11 18:45	11/21/11 23:23	1
1,2-Dichlorobenzene	<0.042		0.19	0.042	mg/Kg	☼	11/17/11 18:45	11/21/11 23:23	1
1,3-Dichlorobenzene	<0.040		0.19	0.040	mg/Kg	☼	11/17/11 18:45	11/21/11 23:23	1
1,4-Dichlorobenzene	<0.040		0.19	0.040	mg/Kg	☼	11/17/11 18:45	11/21/11 23:23	1
2,4,5-Trichlorophenol	<0.11		0.38	0.11	mg/Kg	☼	11/17/11 18:45	11/21/11 23:23	1
2,4,6-Trichlorophenol	<0.048		0.38	0.048	mg/Kg	☼	11/17/11 18:45	11/21/11 23:23	1
2,4-Dichlorophenol	<0.12		0.38	0.12	mg/Kg	☼	11/17/11 18:45	11/21/11 23:23	1
2,4-Dimethylphenol	<0.12		0.38	0.12	mg/Kg	☼	11/17/11 18:45	11/21/11 23:23	1
2,4-Dinitrophenol	<0.20		0.77	0.20	mg/Kg	☼	11/17/11 18:45	11/21/11 23:23	1
2,4-Dinitrotoluene	<0.059		0.19	0.059	mg/Kg	☼	11/17/11 18:45	11/21/11 23:23	1
2,6-Dinitrotoluene	<0.045		0.19	0.045	mg/Kg	☼	11/17/11 18:45	11/21/11 23:23	1
2-Chloronaphthalene	<0.043		0.19	0.043	mg/Kg	☼	11/17/11 18:45	11/21/11 23:23	1
2-Chlorophenol	<0.055		0.19	0.055	mg/Kg	☼	11/17/11 18:45	11/21/11 23:23	1
2-Methylnaphthalene	<0.050		0.19	0.050	mg/Kg	☼	11/17/11 18:45	11/21/11 23:23	1
2-Methylphenol	<0.051		0.19	0.051	mg/Kg	☼	11/17/11 18:45	11/21/11 23:23	1
2-Nitroaniline	<0.069		0.19	0.069	mg/Kg	☼	11/17/11 18:45	11/21/11 23:23	1
2-Nitrophenol	<0.060		0.38	0.060	mg/Kg	☼	11/17/11 18:45	11/21/11 23:23	1
3 & 4 Methylphenol	<0.072		0.19	0.072	mg/Kg	☼	11/17/11 18:45	11/21/11 23:23	1
3,3'-Dichlorobenzidine	<0.032		0.19	0.032	mg/Kg	☼	11/17/11 18:45	11/21/11 23:23	1
3-Nitroaniline	<0.074		0.38	0.074	mg/Kg	☼	11/17/11 18:45	11/21/11 23:23	1
4,6-Dinitro-2-methylphenol	<0.093		0.38	0.093	mg/Kg	☼	11/17/11 18:45	11/21/11 23:23	1
4-Bromophenyl phenyl ether	<0.043		0.19	0.043	mg/Kg	☼	11/17/11 18:45	11/21/11 23:23	1
4-Chloro-3-methylphenol	<0.18		0.38	0.18	mg/Kg	☼	11/17/11 18:45	11/21/11 23:23	1
4-Chloroaniline	<0.12		0.77	0.12	mg/Kg	☼	11/17/11 18:45	11/21/11 23:23	1
4-Chlorophenyl phenyl ether	<0.060		0.19	0.060	mg/Kg	☼	11/17/11 18:45	11/21/11 23:23	1
4-Nitroaniline	<0.078		0.38	0.078	mg/Kg	☼	11/17/11 18:45	11/21/11 23:23	1
4-Nitrophenol	<0.21		0.77	0.21	mg/Kg	☼	11/17/11 18:45	11/21/11 23:23	1
Acenaphthene	<0.011		0.038	0.011	mg/Kg	☼	11/17/11 18:45	11/21/11 23:23	1
Acenaphthylene	<0.0088		0.038	0.0088	mg/Kg	☼	11/17/11 18:45	11/21/11 23:23	1
Anthracene	<0.0090		0.038	0.0090	mg/Kg	☼	11/17/11 18:45	11/21/11 23:23	1
Benzo[a]anthracene	0.023	J	0.038	0.0080	mg/Kg	☼	11/17/11 18:45	11/21/11 23:23	1
Benzo[a]pyrene	0.026	J	0.038	0.0070	mg/Kg	☼	11/17/11 18:45	11/21/11 23:23	1
Benzo[b]fluoranthene	0.029	J	0.038	0.0074	mg/Kg	☼	11/17/11 18:45	11/21/11 23:23	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0308

Client Sample ID: B-05-11 0-2'

Lab Sample ID: WUK0308-07

Date Collected: 11/08/11 12:50

Matrix: Solid/Soil

Date Received: 11/09/11 16:20

Percent Solids: 85.5

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[g,h,i]perylene	0.021	J	0.038	0.013	mg/Kg	☼	11/17/11 18:45	11/21/11 23:23	1
Benzo[k]fluoranthene	0.012	J	0.038	0.0091	mg/Kg	☼	11/17/11 18:45	11/21/11 23:23	1
bis (2-chloroisopropyl) ether	<0.042		0.19	0.042	mg/Kg	☼	11/17/11 18:45	11/21/11 23:23	1
Bis(2-chloroethoxy)methane	<0.042		0.19	0.042	mg/Kg	☼	11/17/11 18:45	11/21/11 23:23	1
Bis(2-chloroethyl)ether	<0.057		0.19	0.057	mg/Kg	☼	11/17/11 18:45	11/21/11 23:23	1
Bis(2-ethylhexyl) phthalate	0.069	J	0.19	0.051	mg/Kg	☼	11/17/11 18:45	11/21/11 23:23	1
Butyl benzyl phthalate	<0.048		0.19	0.048	mg/Kg	☼	11/17/11 18:45	11/21/11 23:23	1
Carbazole	<0.054		0.19	0.054	mg/Kg	☼	11/17/11 18:45	11/21/11 23:23	1
Chrysene	0.030	J	0.038	0.0086	mg/Kg	☼	11/17/11 18:45	11/21/11 23:23	1
Dibenz(a,h)anthracene	<0.011		0.038	0.011	mg/Kg	☼	11/17/11 18:45	11/21/11 23:23	1
Dibenzofuran	<0.046		0.19	0.046	mg/Kg	☼	11/17/11 18:45	11/21/11 23:23	1
Diethyl phthalate	<0.064		0.19	0.064	mg/Kg	☼	11/17/11 18:45	11/21/11 23:23	1
Dimethyl phthalate	<0.048		0.19	0.048	mg/Kg	☼	11/17/11 18:45	11/21/11 23:23	1
Di-n-butyl phthalate	<0.048		0.19	0.048	mg/Kg	☼	11/17/11 18:45	11/21/11 23:23	1
Di-n-octyl phthalate	<0.078		0.19	0.078	mg/Kg	☼	11/17/11 18:45	11/21/11 23:23	1
Fluoranthene	0.044		0.038	0.016	mg/Kg	☼	11/17/11 18:45	11/21/11 23:23	1
Fluorene	<0.0087		0.038	0.0087	mg/Kg	☼	11/17/11 18:45	11/21/11 23:23	1
Hexachlorobenzene	<0.0075		0.077	0.0075	mg/Kg	☼	11/17/11 18:45	11/21/11 23:23	1
Hexachlorobutadiene	<0.050		0.19	0.050	mg/Kg	☼	11/17/11 18:45	11/21/11 23:23	1
Hexachlorocyclopentadiene	<0.18		0.77	0.18	mg/Kg	☼	11/17/11 18:45	11/21/11 23:23	1
Hexachloroethane	<0.041		0.19	0.041	mg/Kg	☼	11/17/11 18:45	11/21/11 23:23	1
Indeno[1,2,3-cd]pyrene	0.015	J	0.038	0.013	mg/Kg	☼	11/17/11 18:45	11/21/11 23:23	1
Isophorone	<0.043		0.19	0.043	mg/Kg	☼	11/17/11 18:45	11/21/11 23:23	1
Naphthalene	0.035	J	0.038	0.0074	mg/Kg	☼	11/17/11 18:45	11/21/11 23:23	1
Nitrobenzene	<0.012		0.038	0.012	mg/Kg	☼	11/17/11 18:45	11/21/11 23:23	1
N-Nitrosodimethylamine	<0.42		0.77	0.42	mg/Kg	☼	11/17/11 18:45	11/21/11 23:23	1
N-Nitrosodi-n-propylamine	<0.049		0.19	0.049	mg/Kg	☼	11/17/11 18:45	11/21/11 23:23	1
Pentachlorophenol	<0.19		0.77	0.19	mg/Kg	☼	11/17/11 18:45	11/21/11 23:23	1
Phenanthrene	<0.016		0.038	0.016	mg/Kg	☼	11/17/11 18:45	11/21/11 23:23	1
Phenol	<0.061		0.19	0.061	mg/Kg	☼	11/17/11 18:45	11/21/11 23:23	1
Pyrene	0.032	J	0.038	0.014	mg/Kg	☼	11/17/11 18:45	11/21/11 23:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	58		30 - 137	11/17/11 18:45	11/21/11 23:23	1
2-Fluorobiphenyl	86		27 - 113	11/17/11 18:45	11/21/11 23:23	1
2-Fluorophenol	71		30 - 110	11/17/11 18:45	11/21/11 23:23	1
Nitrobenzene-d5	92		22 - 110	11/17/11 18:45	11/21/11 23:23	1
Phenol-d5	79		26 - 112	11/17/11 18:45	11/21/11 23:23	1
Terphenyl-d14	74		33 - 129	11/17/11 18:45	11/21/11 23:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.014		0.038	0.014	mg/Kg	☼	11/17/11 21:01	11/20/11 11:41	2
PCB-1221	<0.031		0.038	0.031	mg/Kg	☼	11/17/11 21:01	11/20/11 11:41	2
PCB-1232	<0.015		0.038	0.015	mg/Kg	☼	11/17/11 21:01	11/20/11 11:41	2
PCB-1242	<0.018		0.038	0.018	mg/Kg	☼	11/17/11 21:01	11/20/11 11:41	2
PCB-1248	<0.014		0.038	0.014	mg/Kg	☼	11/17/11 21:01	11/20/11 11:41	2
PCB-1254	0.45		0.038	0.011	mg/Kg	☼	11/17/11 21:01	11/20/11 11:41	2
PCB-1260	<0.0089		0.038	0.0089	mg/Kg	☼	11/17/11 21:01	11/20/11 11:41	2
Polychlorinated biphenyls, Total	0.45		0.038	0.0059	mg/Kg	☼	11/17/11 21:01	11/20/11 11:41	2

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0308

Client Sample ID: B-05-11 0-2'

Lab Sample ID: WUK0308-07

Date Collected: 11/08/11 12:50

Matrix: Solid/Soil

Date Received: 11/09/11 16:20

Percent Solids: 85.5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	87		28 - 124	11/17/11 21:01	11/20/11 11:41	2
DCB Decachlorobiphenyl	103		38 - 130	11/17/11 21:01	11/20/11 11:41	2

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.4		1.1	0.15	mg/Kg	☼	11/18/11 10:00	11/21/11 12:10	1
Barium	18	B	1.1	0.060	mg/Kg	☼	11/18/11 10:00	11/21/11 12:10	1
Cadmium	4.1	B	0.21	0.029	mg/Kg	☼	11/18/11 10:00	11/21/11 12:10	1
Chromium	20		1.1	0.090	mg/Kg	☼	11/18/11 10:00	11/21/11 12:10	1
Lead	26		0.53	0.26	mg/Kg	☼	11/18/11 10:00	11/21/11 12:10	1
Selenium	0.54	J B	1.1	0.30	mg/Kg	☼	11/18/11 10:00	11/21/11 12:10	1
Silver	0.28	J	0.53	0.067	mg/Kg	☼	11/18/11 10:00	11/21/11 12:10	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.019		0.018	0.0054	mg/Kg	☼	11/18/11 09:50	11/18/11 12:34	1

Client Sample ID: B-23 0-2'

Lab Sample ID: WUK0308-08

Date Collected: 11/08/11 13:20

Matrix: Solid/Soil

Date Received: 11/09/11 16:20

Percent Solids: 82.4

Method: SW 8260B - VOCs by SW8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 18:49	1.0
Bromobenzene	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 18:49	1.0
Bromochloromethane	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 18:49	1.0
Bromodichloromethane	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 18:49	1.0
Bromoform	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 18:49	1.0
Bromomethane	<120		300	120	ug/kg dry	☼	11/11/11 12:52	11/11/11 18:49	1.0
n-Butylbenzene	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 18:49	1.0
sec-Butylbenzene	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 18:49	1.0
tert-Butylbenzene	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 18:49	1.0
Carbon Tetrachloride	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 18:49	1.0
Chlorobenzene	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 18:49	1.0
Chlorodibromomethane	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 18:49	1.0
Chloroethane	<61		120	61	ug/kg dry	☼	11/11/11 12:52	11/11/11 18:49	1.0
Chloroform	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 18:49	1.0
Chloromethane	<61		120	61	ug/kg dry	☼	11/11/11 12:52	11/11/11 18:49	1.0
2-Chlorotoluene	<61		120	61	ug/kg dry	☼	11/11/11 12:52	11/11/11 18:49	1.0
4-Chlorotoluene	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 18:49	1.0
1,2-Dibromo-3-chloropropane	<61		120	61	ug/kg dry	☼	11/11/11 12:52	11/11/11 18:49	1.0
1,2-Dibromoethane (EDB)	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 18:49	1.0
Dibromomethane	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 18:49	1.0
1,2-Dichlorobenzene	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 18:49	1.0
1,3-Dichlorobenzene	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 18:49	1.0
1,4-Dichlorobenzene	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 18:49	1.0
Dichlorodifluoromethane	<61		120	61	ug/kg dry	☼	11/11/11 12:52	11/11/11 18:49	1.0
1,1-Dichloroethane	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 18:49	1.0
1,2-Dichloroethane	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 18:49	1.0
1,1-Dichloroethene	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 18:49	1.0

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0308

Client Sample ID: B-23 0-2'

Lab Sample ID: WUK0308-08

Date Collected: 11/08/11 13:20

Matrix: Solid/Soil

Date Received: 11/09/11 16:20

Percent Solids: 82.4

Method: SW 8260B - VOCs by SW8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 18:49	1.0
trans-1,2-Dichloroethene	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 18:49	1.0
1,2-Dichloropropane	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 18:49	1.0
1,3-Dichloropropane	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 18:49	1.0
2,2-Dichloropropane	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 18:49	1.0
1,1-Dichloropropene	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 18:49	1.0
cis-1,3-Dichloropropene	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 18:49	1.0
trans-1,3-Dichloropropene	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 18:49	1.0
Isopropyl Ether	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 18:49	1.0
Ethylbenzene	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 18:49	1.0
Hexachlorobutadiene	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 18:49	1.0
Isopropylbenzene	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 18:49	1.0
p-Isopropyltoluene	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 18:49	1.0
Methylene Chloride	<61		120	61	ug/kg dry	☼	11/11/11 12:52	11/11/11 18:49	1.0
Methyl tert-Butyl Ether	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 18:49	1.0
Naphthalene	<61		120	61	ug/kg dry	☼	11/11/11 12:52	11/11/11 18:49	1.0
n-Propylbenzene	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 18:49	1.0
Styrene	<61		120	61	ug/kg dry	☼	11/11/11 12:52	11/11/11 18:49	1.0
1,1,1,2-Tetrachloroethane	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 18:49	1.0
1,1,2,2-Tetrachloroethane	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 18:49	1.0
Tetrachloroethene	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 18:49	1.0
Toluene	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 18:49	1.0
1,2,3-Trichlorobenzene	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 18:49	1.0
1,2,4-Trichlorobenzene	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 18:49	1.0
1,1,1-Trichloroethane	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 18:49	1.0
1,1,2-Trichloroethane	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 18:49	1.0
Trichloroethene	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 18:49	1.0
Trichlorofluoromethane	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 18:49	1.0
1,2,3-Trichloropropane	<61		120	61	ug/kg dry	☼	11/11/11 12:52	11/11/11 18:49	1.0
1,2,4-Trimethylbenzene	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 18:49	1.0
1,3,5-Trimethylbenzene	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 18:49	1.0
Vinyl chloride	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 18:49	1.0
Xylenes, total	<91		360	91	ug/kg dry	☼	11/11/11 12:52	11/11/11 18:49	1.0

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane	99		80 - 120	11/11/11 12:52	11/11/11 18:49	1.0
Toluene-d8	98		80 - 120	11/11/11 12:52	11/11/11 18:49	1.0
4-Bromofluorobenzene	99		80 - 120	11/11/11 12:52	11/11/11 18:49	1.0

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.045		0.20	0.045	mg/Kg	☼	11/17/11 18:45	11/21/11 23:44	1
1,2-Dichlorobenzene	<0.043		0.20	0.043	mg/Kg	☼	11/17/11 18:45	11/21/11 23:44	1
1,3-Dichlorobenzene	<0.042		0.20	0.042	mg/Kg	☼	11/17/11 18:45	11/21/11 23:44	1
1,4-Dichlorobenzene	<0.042		0.20	0.042	mg/Kg	☼	11/17/11 18:45	11/21/11 23:44	1
2,4,5-Trichlorophenol	<0.11		0.39	0.11	mg/Kg	☼	11/17/11 18:45	11/21/11 23:44	1
2,4,6-Trichlorophenol	<0.050		0.39	0.050	mg/Kg	☼	11/17/11 18:45	11/21/11 23:44	1
2,4-Dichlorophenol	<0.12		0.39	0.12	mg/Kg	☼	11/17/11 18:45	11/21/11 23:44	1
2,4-Dimethylphenol	<0.12		0.39	0.12	mg/Kg	☼	11/17/11 18:45	11/21/11 23:44	1
2,4-Dinitrophenol	<0.20		0.80	0.20	mg/Kg	☼	11/17/11 18:45	11/21/11 23:44	1
2,4-Dinitrotoluene	<0.061		0.20	0.061	mg/Kg	☼	11/17/11 18:45	11/21/11 23:44	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0308

Client Sample ID: B-23 0-2'

Lab Sample ID: WUK0308-08

Date Collected: 11/08/11 13:20

Matrix: Solid/Soil

Date Received: 11/09/11 16:20

Percent Solids: 82.4

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,6-Dinitrotoluene	<0.047		0.20	0.047	mg/Kg	☼	11/17/11 18:45	11/21/11 23:44	1
2-Chloronaphthalene	<0.045		0.20	0.045	mg/Kg	☼	11/17/11 18:45	11/21/11 23:44	1
2-Chlorophenol	<0.057		0.20	0.057	mg/Kg	☼	11/17/11 18:45	11/21/11 23:44	1
2-Methylnaphthalene	<0.051		0.20	0.051	mg/Kg	☼	11/17/11 18:45	11/21/11 23:44	1
2-Methylphenol	<0.053		0.20	0.053	mg/Kg	☼	11/17/11 18:45	11/21/11 23:44	1
2-Nitroaniline	<0.071		0.20	0.071	mg/Kg	☼	11/17/11 18:45	11/21/11 23:44	1
2-Nitrophenol	<0.062		0.39	0.062	mg/Kg	☼	11/17/11 18:45	11/21/11 23:44	1
3 & 4 Methylphenol	<0.075		0.20	0.075	mg/Kg	☼	11/17/11 18:45	11/21/11 23:44	1
3,3'-Dichlorobenzidine	<0.033		0.20	0.033	mg/Kg	☼	11/17/11 18:45	11/21/11 23:44	1
3-Nitroaniline	<0.076		0.39	0.076	mg/Kg	☼	11/17/11 18:45	11/21/11 23:44	1
4,6-Dinitro-2-methylphenol	<0.096		0.39	0.096	mg/Kg	☼	11/17/11 18:45	11/21/11 23:44	1
4-Bromophenyl phenyl ether	<0.044		0.20	0.044	mg/Kg	☼	11/17/11 18:45	11/21/11 23:44	1
4-Chloro-3-methylphenol	<0.19		0.39	0.19	mg/Kg	☼	11/17/11 18:45	11/21/11 23:44	1
4-Chloroaniline	<0.12		0.80	0.12	mg/Kg	☼	11/17/11 18:45	11/21/11 23:44	1
4-Chlorophenyl phenyl ether	<0.062		0.20	0.062	mg/Kg	☼	11/17/11 18:45	11/21/11 23:44	1
4-Nitroaniline	<0.081		0.39	0.081	mg/Kg	☼	11/17/11 18:45	11/21/11 23:44	1
4-Nitrophenol	<0.21		0.80	0.21	mg/Kg	☼	11/17/11 18:45	11/21/11 23:44	1
Acenaphthene	<0.012		0.039	0.012	mg/Kg	☼	11/17/11 18:45	11/21/11 23:44	1
Acenaphthylene	<0.0091		0.039	0.0091	mg/Kg	☼	11/17/11 18:45	11/21/11 23:44	1
Anthracene	<0.0093		0.039	0.0093	mg/Kg	☼	11/17/11 18:45	11/21/11 23:44	1
Benzo[a]anthracene	0.015	J	0.039	0.0083	mg/Kg	☼	11/17/11 18:45	11/21/11 23:44	1
Benzo[a]pyrene	0.019	J	0.039	0.0072	mg/Kg	☼	11/17/11 18:45	11/21/11 23:44	1
Benzo[b]fluoranthene	0.020	J	0.039	0.0077	mg/Kg	☼	11/17/11 18:45	11/21/11 23:44	1
Benzo[g,h,i]perylene	0.019	J	0.039	0.013	mg/Kg	☼	11/17/11 18:45	11/21/11 23:44	1
Benzo[k]fluoranthene	0.015	J	0.039	0.0094	mg/Kg	☼	11/17/11 18:45	11/21/11 23:44	1
bis (2-chloroisopropyl) ether	<0.044		0.20	0.044	mg/Kg	☼	11/17/11 18:45	11/21/11 23:44	1
Bis(2-chloroethoxy)methane	<0.044		0.20	0.044	mg/Kg	☼	11/17/11 18:45	11/21/11 23:44	1
Bis(2-chloroethyl)ether	<0.059		0.20	0.059	mg/Kg	☼	11/17/11 18:45	11/21/11 23:44	1
Bis(2-ethylhexyl) phthalate	<0.052		0.20	0.052	mg/Kg	☼	11/17/11 18:45	11/21/11 23:44	1
Butyl benzyl phthalate	<0.050		0.20	0.050	mg/Kg	☼	11/17/11 18:45	11/21/11 23:44	1
Carbazole	<0.056		0.20	0.056	mg/Kg	☼	11/17/11 18:45	11/21/11 23:44	1
Chrysene	0.027	J	0.039	0.0089	mg/Kg	☼	11/17/11 18:45	11/21/11 23:44	1
Dibenz(a,h)anthracene	<0.011		0.039	0.011	mg/Kg	☼	11/17/11 18:45	11/21/11 23:44	1
Dibenzofuran	<0.048		0.20	0.048	mg/Kg	☼	11/17/11 18:45	11/21/11 23:44	1
Diethyl phthalate	<0.066		0.20	0.066	mg/Kg	☼	11/17/11 18:45	11/21/11 23:44	1
Dimethyl phthalate	<0.049		0.20	0.049	mg/Kg	☼	11/17/11 18:45	11/21/11 23:44	1
Di-n-butyl phthalate	<0.050		0.20	0.050	mg/Kg	☼	11/17/11 18:45	11/21/11 23:44	1
Di-n-octyl phthalate	<0.080		0.20	0.080	mg/Kg	☼	11/17/11 18:45	11/21/11 23:44	1
Fluoranthene	0.022	J	0.039	0.016	mg/Kg	☼	11/17/11 18:45	11/21/11 23:44	1
Fluorene	<0.0090		0.039	0.0090	mg/Kg	☼	11/17/11 18:45	11/21/11 23:44	1
Hexachlorobenzene	<0.0078		0.080	0.0078	mg/Kg	☼	11/17/11 18:45	11/21/11 23:44	1
Hexachlorobutadiene	<0.052		0.20	0.052	mg/Kg	☼	11/17/11 18:45	11/21/11 23:44	1
Hexachlorocyclopentadiene	<0.18		0.80	0.18	mg/Kg	☼	11/17/11 18:45	11/21/11 23:44	1
Hexachloroethane	<0.042		0.20	0.042	mg/Kg	☼	11/17/11 18:45	11/21/11 23:44	1
Indeno[1,2,3-cd]pyrene	0.014	J	0.039	0.013	mg/Kg	☼	11/17/11 18:45	11/21/11 23:44	1
Isophorone	<0.044		0.20	0.044	mg/Kg	☼	11/17/11 18:45	11/21/11 23:44	1
Naphthalene	<0.0076		0.039	0.0076	mg/Kg	☼	11/17/11 18:45	11/21/11 23:44	1
Nitrobenzene	<0.012		0.039	0.012	mg/Kg	☼	11/17/11 18:45	11/21/11 23:44	1
N-Nitrosodimethylamine	<0.43		0.80	0.43	mg/Kg	☼	11/17/11 18:45	11/21/11 23:44	1
N-Nitrosodi-n-propylamine	<0.050		0.20	0.050	mg/Kg	☼	11/17/11 18:45	11/21/11 23:44	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0308

Client Sample ID: B-23 0-2'

Lab Sample ID: WUK0308-08

Date Collected: 11/08/11 13:20

Matrix: Solid/Soil

Date Received: 11/09/11 16:20

Percent Solids: 82.4

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	<0.20		0.80	0.20	mg/Kg	☼	11/17/11 18:45	11/21/11 23:44	1
Phenanthrene	<0.017		0.039	0.017	mg/Kg	☼	11/17/11 18:45	11/21/11 23:44	1
Phenol	<0.063		0.20	0.063	mg/Kg	☼	11/17/11 18:45	11/21/11 23:44	1
Pyrene	0.019	J	0.039	0.014	mg/Kg	☼	11/17/11 18:45	11/21/11 23:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	91		30 - 137	11/17/11 18:45	11/21/11 23:44	1
2-Fluorobiphenyl	90		27 - 113	11/17/11 18:45	11/21/11 23:44	1
2-Fluorophenol	79		30 - 110	11/17/11 18:45	11/21/11 23:44	1
Nitrobenzene-d5	102		22 - 110	11/17/11 18:45	11/21/11 23:44	1
Phenol-d5	85		26 - 112	11/17/11 18:45	11/21/11 23:44	1
Terphenyl-d14	81		33 - 129	11/17/11 18:45	11/21/11 23:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0070		0.020	0.0070	mg/Kg	☼	11/17/11 21:01	11/18/11 18:32	1
PCB-1221	<0.016		0.020	0.016	mg/Kg	☼	11/17/11 21:01	11/18/11 18:32	1
PCB-1232	<0.0076		0.020	0.0076	mg/Kg	☼	11/17/11 21:01	11/18/11 18:32	1
PCB-1242	<0.0094		0.020	0.0094	mg/Kg	☼	11/17/11 21:01	11/18/11 18:32	1
PCB-1248	<0.0072		0.020	0.0072	mg/Kg	☼	11/17/11 21:01	11/18/11 18:32	1
PCB-1254	<0.0056		0.020	0.0056	mg/Kg	☼	11/17/11 21:01	11/18/11 18:32	1
PCB-1260	<0.0046		0.020	0.0046	mg/Kg	☼	11/17/11 21:01	11/18/11 18:32	1
Polychlorinated biphenyls, Total	<0.0030		0.020	0.0030	mg/Kg	☼	11/17/11 21:01	11/18/11 18:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	89		28 - 124	11/17/11 21:01	11/18/11 18:32	1
DCB Decachlorobiphenyl	101		38 - 130	11/17/11 21:01	11/18/11 18:32	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.3		1.2	0.17	mg/Kg	☼	11/18/11 10:00	11/21/11 12:15	1
Barium	14	B	1.2	0.067	mg/Kg	☼	11/18/11 10:00	11/21/11 12:15	1
Cadmium	0.53	B	0.24	0.032	mg/Kg	☼	11/18/11 10:00	11/21/11 12:15	1
Chromium	6.6		1.2	0.10	mg/Kg	☼	11/18/11 10:00	11/21/11 12:15	1
Lead	6.7		0.60	0.29	mg/Kg	☼	11/18/11 10:00	11/21/11 12:15	1
Selenium	<0.34		1.2	0.34	mg/Kg	☼	11/18/11 10:00	11/21/11 12:15	1
Silver	<0.076		0.60	0.076	mg/Kg	☼	11/18/11 10:00	11/21/11 12:15	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0073	J	0.020	0.0061	mg/Kg	☼	11/18/11 09:50	11/18/11 12:36	1

Client Sample ID: B-23 4-6'

Lab Sample ID: WUK0308-09

Date Collected: 11/08/11 13:30

Matrix: Solid/Soil

Date Received: 11/09/11 16:20

Percent Solids: 91.8

Method: SW 8260B - VOCs by SW8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<27		110	27	ug/kg dry	☼	11/11/11 12:52	11/11/11 19:16	1.0
Bromobenzene	<27		110	27	ug/kg dry	☼	11/11/11 12:52	11/11/11 19:16	1.0
Bromochloromethane	<27		110	27	ug/kg dry	☼	11/11/11 12:52	11/11/11 19:16	1.0

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0308

Client Sample ID: B-23 4-6'

Lab Sample ID: WUK0308-09

Date Collected: 11/08/11 13:30

Matrix: Solid/Soil

Date Received: 11/09/11 16:20

Percent Solids: 91.8

Method: SW 8260B - VOCs by SW8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromodichloromethane	<27		110	27	ug/kg dry	*	11/11/11 12:52	11/11/11 19:16	1.0
Bromoform	<27		110	27	ug/kg dry	*	11/11/11 12:52	11/11/11 19:16	1.0
Bromomethane	<110		270	110	ug/kg dry	*	11/11/11 12:52	11/11/11 19:16	1.0
n-Butylbenzene	<27		110	27	ug/kg dry	*	11/11/11 12:52	11/11/11 19:16	1.0
sec-Butylbenzene	<27		110	27	ug/kg dry	*	11/11/11 12:52	11/11/11 19:16	1.0
tert-Butylbenzene	<27		110	27	ug/kg dry	*	11/11/11 12:52	11/11/11 19:16	1.0
Carbon Tetrachloride	<27		110	27	ug/kg dry	*	11/11/11 12:52	11/11/11 19:16	1.0
Chlorobenzene	<27		110	27	ug/kg dry	*	11/11/11 12:52	11/11/11 19:16	1.0
Chlorodibromomethane	<27		110	27	ug/kg dry	*	11/11/11 12:52	11/11/11 19:16	1.0
Chloroethane	<54		110	54	ug/kg dry	*	11/11/11 12:52	11/11/11 19:16	1.0
Chloroform	<27		110	27	ug/kg dry	*	11/11/11 12:52	11/11/11 19:16	1.0
Chloromethane	<54		110	54	ug/kg dry	*	11/11/11 12:52	11/11/11 19:16	1.0
2-Chlorotoluene	<54		110	54	ug/kg dry	*	11/11/11 12:52	11/11/11 19:16	1.0
4-Chlorotoluene	<27		110	27	ug/kg dry	*	11/11/11 12:52	11/11/11 19:16	1.0
1,2-Dibromo-3-chloropropane	<54		110	54	ug/kg dry	*	11/11/11 12:52	11/11/11 19:16	1.0
1,2-Dibromoethane (EDB)	<27		110	27	ug/kg dry	*	11/11/11 12:52	11/11/11 19:16	1.0
Dibromomethane	<27		110	27	ug/kg dry	*	11/11/11 12:52	11/11/11 19:16	1.0
1,2-Dichlorobenzene	<27		110	27	ug/kg dry	*	11/11/11 12:52	11/11/11 19:16	1.0
1,3-Dichlorobenzene	<27		110	27	ug/kg dry	*	11/11/11 12:52	11/11/11 19:16	1.0
1,4-Dichlorobenzene	<27		110	27	ug/kg dry	*	11/11/11 12:52	11/11/11 19:16	1.0
Dichlorodifluoromethane	<54		110	54	ug/kg dry	*	11/11/11 12:52	11/11/11 19:16	1.0
1,1-Dichloroethane	<27		110	27	ug/kg dry	*	11/11/11 12:52	11/11/11 19:16	1.0
1,2-Dichloroethane	<27		110	27	ug/kg dry	*	11/11/11 12:52	11/11/11 19:16	1.0
1,1-Dichloroethene	<27		110	27	ug/kg dry	*	11/11/11 12:52	11/11/11 19:16	1.0
cis-1,2-Dichloroethene	<27		110	27	ug/kg dry	*	11/11/11 12:52	11/11/11 19:16	1.0
trans-1,2-Dichloroethene	<27		110	27	ug/kg dry	*	11/11/11 12:52	11/11/11 19:16	1.0
1,2-Dichloropropane	<27		110	27	ug/kg dry	*	11/11/11 12:52	11/11/11 19:16	1.0
1,3-Dichloropropane	<27		110	27	ug/kg dry	*	11/11/11 12:52	11/11/11 19:16	1.0
2,2-Dichloropropane	<27		110	27	ug/kg dry	*	11/11/11 12:52	11/11/11 19:16	1.0
1,1-Dichloropropene	<27		110	27	ug/kg dry	*	11/11/11 12:52	11/11/11 19:16	1.0
cis-1,3-Dichloropropene	<27		110	27	ug/kg dry	*	11/11/11 12:52	11/11/11 19:16	1.0
trans-1,3-Dichloropropene	<27		110	27	ug/kg dry	*	11/11/11 12:52	11/11/11 19:16	1.0
Isopropyl Ether	<27		110	27	ug/kg dry	*	11/11/11 12:52	11/11/11 19:16	1.0
Ethylbenzene	<27		110	27	ug/kg dry	*	11/11/11 12:52	11/11/11 19:16	1.0
Hexachlorobutadiene	<27		110	27	ug/kg dry	*	11/11/11 12:52	11/11/11 19:16	1.0
Isopropylbenzene	<27		110	27	ug/kg dry	*	11/11/11 12:52	11/11/11 19:16	1.0
p-Isopropyltoluene	<27		110	27	ug/kg dry	*	11/11/11 12:52	11/11/11 19:16	1.0
Methylene Chloride	<54		110	54	ug/kg dry	*	11/11/11 12:52	11/11/11 19:16	1.0
Methyl tert-Butyl Ether	<27		110	27	ug/kg dry	*	11/11/11 12:52	11/11/11 19:16	1.0
Naphthalene	<54		110	54	ug/kg dry	*	11/11/11 12:52	11/11/11 19:16	1.0
n-Propylbenzene	<27		110	27	ug/kg dry	*	11/11/11 12:52	11/11/11 19:16	1.0
Styrene	<54		110	54	ug/kg dry	*	11/11/11 12:52	11/11/11 19:16	1.0
1,1,1,2-Tetrachloroethane	<27		110	27	ug/kg dry	*	11/11/11 12:52	11/11/11 19:16	1.0
1,1,2,2-Tetrachloroethane	<27		110	27	ug/kg dry	*	11/11/11 12:52	11/11/11 19:16	1.0
Tetrachloroethene	<27		110	27	ug/kg dry	*	11/11/11 12:52	11/11/11 19:16	1.0
Toluene	<27		110	27	ug/kg dry	*	11/11/11 12:52	11/11/11 19:16	1.0
1,2,3-Trichlorobenzene	<27		110	27	ug/kg dry	*	11/11/11 12:52	11/11/11 19:16	1.0
1,2,4-Trichlorobenzene	<27		110	27	ug/kg dry	*	11/11/11 12:52	11/11/11 19:16	1.0
1,1,1-Trichloroethane	<27		110	27	ug/kg dry	*	11/11/11 12:52	11/11/11 19:16	1.0
1,1,2-Trichloroethane	<27		110	27	ug/kg dry	*	11/11/11 12:52	11/11/11 19:16	1.0

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0308

Client Sample ID: B-23 4-6'

Lab Sample ID: WUK0308-09

Date Collected: 11/08/11 13:30

Matrix: Solid/Soil

Date Received: 11/09/11 16:20

Percent Solids: 91.8

Method: SW 8260B - VOCs by SW8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	<27		110	27	ug/kg dry	☼	11/11/11 12:52	11/11/11 19:16	1.0
Trichlorofluoromethane	<27		110	27	ug/kg dry	☼	11/11/11 12:52	11/11/11 19:16	1.0
1,2,3-Trichloropropane	<54		110	54	ug/kg dry	☼	11/11/11 12:52	11/11/11 19:16	1.0
1,2,4-Trimethylbenzene	<27		110	27	ug/kg dry	☼	11/11/11 12:52	11/11/11 19:16	1.0
1,3,5-Trimethylbenzene	<27		110	27	ug/kg dry	☼	11/11/11 12:52	11/11/11 19:16	1.0
Vinyl chloride	<27		110	27	ug/kg dry	☼	11/11/11 12:52	11/11/11 19:16	1.0
Xylenes, total	<82		330	82	ug/kg dry	☼	11/11/11 12:52	11/11/11 19:16	1.0
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Dibromofluoromethane	99		80 - 120				11/11/11 12:52	11/11/11 19:16	1.0
Toluene-d8	99		80 - 120				11/11/11 12:52	11/11/11 19:16	1.0
4-Bromofluorobenzene	99		80 - 120				11/11/11 12:52	11/11/11 19:16	1.0

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.039		0.17	0.039	mg/Kg	☼	11/17/11 18:45	11/22/11 00:05	1
1,2-Dichlorobenzene	<0.037		0.17	0.037	mg/Kg	☼	11/17/11 18:45	11/22/11 00:05	1
1,3-Dichlorobenzene	<0.036		0.17	0.036	mg/Kg	☼	11/17/11 18:45	11/22/11 00:05	1
1,4-Dichlorobenzene	<0.036		0.17	0.036	mg/Kg	☼	11/17/11 18:45	11/22/11 00:05	1
2,4,5-Trichlorophenol	<0.097		0.34	0.097	mg/Kg	☼	11/17/11 18:45	11/22/11 00:05	1
2,4,6-Trichlorophenol	<0.043		0.34	0.043	mg/Kg	☼	11/17/11 18:45	11/22/11 00:05	1
2,4-Dichlorophenol	<0.10		0.34	0.10	mg/Kg	☼	11/17/11 18:45	11/22/11 00:05	1
2,4-Dimethylphenol	<0.11		0.34	0.11	mg/Kg	☼	11/17/11 18:45	11/22/11 00:05	1
2,4-Dinitrophenol	<0.17		0.69	0.17	mg/Kg	☼	11/17/11 18:45	11/22/11 00:05	1
2,4-Dinitrotoluene	<0.052		0.17	0.052	mg/Kg	☼	11/17/11 18:45	11/22/11 00:05	1
2,6-Dinitrotoluene	<0.040		0.17	0.040	mg/Kg	☼	11/17/11 18:45	11/22/11 00:05	1
2-Chloronaphthalene	<0.038		0.17	0.038	mg/Kg	☼	11/17/11 18:45	11/22/11 00:05	1
2-Chlorophenol	<0.049		0.17	0.049	mg/Kg	☼	11/17/11 18:45	11/22/11 00:05	1
2-Methylnaphthalene	<0.044		0.17	0.044	mg/Kg	☼	11/17/11 18:45	11/22/11 00:05	1
2-Methylphenol	<0.045		0.17	0.045	mg/Kg	☼	11/17/11 18:45	11/22/11 00:05	1
2-Nitroaniline	<0.061		0.17	0.061	mg/Kg	☼	11/17/11 18:45	11/22/11 00:05	1
2-Nitrophenol	<0.053		0.34	0.053	mg/Kg	☼	11/17/11 18:45	11/22/11 00:05	1
3 & 4 Methylphenol	<0.064		0.17	0.064	mg/Kg	☼	11/17/11 18:45	11/22/11 00:05	1
3,3'-Dichlorobenzidine	<0.028		0.17	0.028	mg/Kg	☼	11/17/11 18:45	11/22/11 00:05	1
3-Nitroaniline	<0.066		0.34	0.066	mg/Kg	☼	11/17/11 18:45	11/22/11 00:05	1
4,6-Dinitro-2-methylphenol	<0.083		0.34	0.083	mg/Kg	☼	11/17/11 18:45	11/22/11 00:05	1
4-Bromophenyl phenyl ether	<0.038		0.17	0.038	mg/Kg	☼	11/17/11 18:45	11/22/11 00:05	1
4-Chloro-3-methylphenol	<0.16		0.34	0.16	mg/Kg	☼	11/17/11 18:45	11/22/11 00:05	1
4-Chloroaniline	<0.10		0.69	0.10	mg/Kg	☼	11/17/11 18:45	11/22/11 00:05	1
4-Chlorophenyl phenyl ether	<0.054		0.17	0.054	mg/Kg	☼	11/17/11 18:45	11/22/11 00:05	1
4-Nitroaniline	<0.070		0.34	0.070	mg/Kg	☼	11/17/11 18:45	11/22/11 00:05	1
4-Nitrophenol	<0.18		0.69	0.18	mg/Kg	☼	11/17/11 18:45	11/22/11 00:05	1
Acenaphthene	<0.010		0.034	0.010	mg/Kg	☼	11/17/11 18:45	11/22/11 00:05	1
Acenaphthylene	<0.0078		0.034	0.0078	mg/Kg	☼	11/17/11 18:45	11/22/11 00:05	1
Anthracene	<0.0080		0.034	0.0080	mg/Kg	☼	11/17/11 18:45	11/22/11 00:05	1
Benzo[a]anthracene	0.049		0.034	0.0071	mg/Kg	☼	11/17/11 18:45	11/22/11 00:05	1
Benzo[a]pyrene	0.067		0.034	0.0062	mg/Kg	☼	11/17/11 18:45	11/22/11 00:05	1
Benzo[b]fluoranthene	0.079		0.034	0.0066	mg/Kg	☼	11/17/11 18:45	11/22/11 00:05	1
Benzo[g,h,i]perylene	0.049		0.034	0.011	mg/Kg	☼	11/17/11 18:45	11/22/11 00:05	1
Benzo[k]fluoranthene	0.034		0.034	0.0081	mg/Kg	☼	11/17/11 18:45	11/22/11 00:05	1
bis (2-chloroisopropyl) ether	<0.038		0.17	0.038	mg/Kg	☼	11/17/11 18:45	11/22/11 00:05	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0308

Client Sample ID: B-23 4-6'

Lab Sample ID: WUK0308-09

Date Collected: 11/08/11 13:30

Matrix: Solid/Soil

Date Received: 11/09/11 16:20

Percent Solids: 91.8

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethoxy)methane	<0.038		0.17	0.038	mg/Kg	☼	11/17/11 18:45	11/22/11 00:05	1
Bis(2-chloroethyl)ether	<0.050		0.17	0.050	mg/Kg	☼	11/17/11 18:45	11/22/11 00:05	1
Bis(2-ethylhexyl) phthalate	<0.045		0.17	0.045	mg/Kg	☼	11/17/11 18:45	11/22/11 00:05	1
Butyl benzyl phthalate	<0.043		0.17	0.043	mg/Kg	☼	11/17/11 18:45	11/22/11 00:05	1
Carbazole	<0.048		0.17	0.048	mg/Kg	☼	11/17/11 18:45	11/22/11 00:05	1
Chrysene	0.075		0.034	0.0077	mg/Kg	☼	11/17/11 18:45	11/22/11 00:05	1
Dibenz(a,h)anthracene	0.022	J	0.034	0.0095	mg/Kg	☼	11/17/11 18:45	11/22/11 00:05	1
Dibenzofuran	<0.041		0.17	0.041	mg/Kg	☼	11/17/11 18:45	11/22/11 00:05	1
Diethyl phthalate	<0.057		0.17	0.057	mg/Kg	☼	11/17/11 18:45	11/22/11 00:05	1
Dimethyl phthalate	<0.043		0.17	0.043	mg/Kg	☼	11/17/11 18:45	11/22/11 00:05	1
Di-n-butyl phthalate	<0.043		0.17	0.043	mg/Kg	☼	11/17/11 18:45	11/22/11 00:05	1
Di-n-octyl phthalate	<0.069		0.17	0.069	mg/Kg	☼	11/17/11 18:45	11/22/11 00:05	1
Fluoranthene	0.075		0.034	0.014	mg/Kg	☼	11/17/11 18:45	11/22/11 00:05	1
Fluorene	<0.0077		0.034	0.0077	mg/Kg	☼	11/17/11 18:45	11/22/11 00:05	1
Hexachlorobenzene	<0.0067		0.069	0.0067	mg/Kg	☼	11/17/11 18:45	11/22/11 00:05	1
Hexachlorobutadiene	<0.045		0.17	0.045	mg/Kg	☼	11/17/11 18:45	11/22/11 00:05	1
Hexachlorocyclopentadiene	<0.16		0.69	0.16	mg/Kg	☼	11/17/11 18:45	11/22/11 00:05	1
Hexachloroethane	<0.036		0.17	0.036	mg/Kg	☼	11/17/11 18:45	11/22/11 00:05	1
Indeno[1,2,3-cd]pyrene	0.040		0.034	0.011	mg/Kg	☼	11/17/11 18:45	11/22/11 00:05	1
Isophorone	<0.038		0.17	0.038	mg/Kg	☼	11/17/11 18:45	11/22/11 00:05	1
Naphthalene	0.089		0.034	0.0066	mg/Kg	☼	11/17/11 18:45	11/22/11 00:05	1
Nitrobenzene	<0.011		0.034	0.011	mg/Kg	☼	11/17/11 18:45	11/22/11 00:05	1
N-Nitrosodimethylamine	<0.37		0.69	0.37	mg/Kg	☼	11/17/11 18:45	11/22/11 00:05	1
N-Nitrosodi-n-propylamine	<0.043		0.17	0.043	mg/Kg	☼	11/17/11 18:45	11/22/11 00:05	1
Pentachlorophenol	<0.17		0.69	0.17	mg/Kg	☼	11/17/11 18:45	11/22/11 00:05	1
Phenanthrene	0.024	J	0.034	0.014	mg/Kg	☼	11/17/11 18:45	11/22/11 00:05	1
Phenol	<0.054		0.17	0.054	mg/Kg	☼	11/17/11 18:45	11/22/11 00:05	1
Pyrene	0.059		0.034	0.012	mg/Kg	☼	11/17/11 18:45	11/22/11 00:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	89		30 - 137	11/17/11 18:45	11/22/11 00:05	1
2-Fluorobiphenyl	84		27 - 113	11/17/11 18:45	11/22/11 00:05	1
2-Fluorophenol	73		30 - 110	11/17/11 18:45	11/22/11 00:05	1
Nitrobenzene-d5	91		22 - 110	11/17/11 18:45	11/22/11 00:05	1
Phenol-d5	78		26 - 112	11/17/11 18:45	11/22/11 00:05	1
Terphenyl-d14	77		33 - 129	11/17/11 18:45	11/22/11 00:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0063		0.018	0.0063	mg/Kg	☼	11/17/11 21:01	11/20/11 11:55	1
PCB-1221	<0.014		0.018	0.014	mg/Kg	☼	11/17/11 21:01	11/20/11 11:55	1
PCB-1232	<0.0069		0.018	0.0069	mg/Kg	☼	11/17/11 21:01	11/20/11 11:55	1
PCB-1242	<0.0085		0.018	0.0085	mg/Kg	☼	11/17/11 21:01	11/20/11 11:55	1
PCB-1248	<0.0064		0.018	0.0064	mg/Kg	☼	11/17/11 21:01	11/20/11 11:55	1
PCB-1254	<0.0051		0.018	0.0051	mg/Kg	☼	11/17/11 21:01	11/20/11 11:55	1
PCB-1260	<0.0041		0.018	0.0041	mg/Kg	☼	11/17/11 21:01	11/20/11 11:55	1
Polychlorinated biphenyls, Total	<0.0027		0.018	0.0027	mg/Kg	☼	11/17/11 21:01	11/20/11 11:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	89		28 - 124	11/17/11 21:01	11/20/11 11:55	1
DCB Decachlorobiphenyl	104		38 - 130	11/17/11 21:01	11/20/11 11:55	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0308

Client Sample ID: B-23 4-6'

Lab Sample ID: WUK0308-09

Date Collected: 11/08/11 13:30

Matrix: Solid/Soil

Date Received: 11/09/11 16:20

Percent Solids: 91.8

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.9		0.92	0.13	mg/Kg	☼	11/18/11 10:00	11/21/11 12:21	1
Barium	90	B	0.92	0.052	mg/Kg	☼	11/18/11 10:00	11/21/11 12:21	1
Cadmium	0.40	B	0.18	0.025	mg/Kg	☼	11/18/11 10:00	11/21/11 12:21	1
Chromium	26		0.92	0.078	mg/Kg	☼	11/18/11 10:00	11/21/11 12:21	1
Lead	16		0.46	0.22	mg/Kg	☼	11/18/11 10:00	11/21/11 12:21	1
Selenium	0.32	J B	0.92	0.26	mg/Kg	☼	11/18/11 10:00	11/21/11 12:21	1
Silver	<0.058		0.46	0.058	mg/Kg	☼	11/18/11 10:00	11/21/11 12:21	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.055		0.016	0.0050	mg/Kg	☼	11/18/11 09:50	11/18/11 12:37	1

Client Sample ID: B-23 8-10'

Lab Sample ID: WUK0308-10

Date Collected: 11/08/11 13:40

Matrix: Solid/Soil

Date Received: 11/09/11 16:20

Percent Solids: 77.1

Method: SW 8260B - VOCs by SW8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<32		130	32	ug/kg dry	☼	11/11/11 12:52	11/11/11 19:43	1.0
Bromobenzene	<32		130	32	ug/kg dry	☼	11/11/11 12:52	11/11/11 19:43	1.0
Bromochloromethane	<32		130	32	ug/kg dry	☼	11/11/11 12:52	11/11/11 19:43	1.0
Bromodichloromethane	<32		130	32	ug/kg dry	☼	11/11/11 12:52	11/11/11 19:43	1.0
Bromoform	<32		130	32	ug/kg dry	☼	11/11/11 12:52	11/11/11 19:43	1.0
Bromomethane	<130		320	130	ug/kg dry	☼	11/11/11 12:52	11/11/11 19:43	1.0
n-Butylbenzene	<32		130	32	ug/kg dry	☼	11/11/11 12:52	11/11/11 19:43	1.0
sec-Butylbenzene	<32		130	32	ug/kg dry	☼	11/11/11 12:52	11/11/11 19:43	1.0
tert-Butylbenzene	<32		130	32	ug/kg dry	☼	11/11/11 12:52	11/11/11 19:43	1.0
Carbon Tetrachloride	<32		130	32	ug/kg dry	☼	11/11/11 12:52	11/11/11 19:43	1.0
Chlorobenzene	<32		130	32	ug/kg dry	☼	11/11/11 12:52	11/11/11 19:43	1.0
Chlorodibromomethane	<32		130	32	ug/kg dry	☼	11/11/11 12:52	11/11/11 19:43	1.0
Chloroethane	<65		130	65	ug/kg dry	☼	11/11/11 12:52	11/11/11 19:43	1.0
Chloroform	<32		130	32	ug/kg dry	☼	11/11/11 12:52	11/11/11 19:43	1.0
Chloromethane	<65		130	65	ug/kg dry	☼	11/11/11 12:52	11/11/11 19:43	1.0
2-Chlorotoluene	<65		130	65	ug/kg dry	☼	11/11/11 12:52	11/11/11 19:43	1.0
4-Chlorotoluene	<32		130	32	ug/kg dry	☼	11/11/11 12:52	11/11/11 19:43	1.0
1,2-Dibromo-3-chloropropane	<65		130	65	ug/kg dry	☼	11/11/11 12:52	11/11/11 19:43	1.0
1,2-Dibromoethane (EDB)	<32		130	32	ug/kg dry	☼	11/11/11 12:52	11/11/11 19:43	1.0
Dibromomethane	<32		130	32	ug/kg dry	☼	11/11/11 12:52	11/11/11 19:43	1.0
1,2-Dichlorobenzene	<32		130	32	ug/kg dry	☼	11/11/11 12:52	11/11/11 19:43	1.0
1,3-Dichlorobenzene	<32		130	32	ug/kg dry	☼	11/11/11 12:52	11/11/11 19:43	1.0
1,4-Dichlorobenzene	<32		130	32	ug/kg dry	☼	11/11/11 12:52	11/11/11 19:43	1.0
Dichlorodifluoromethane	<65		130	65	ug/kg dry	☼	11/11/11 12:52	11/11/11 19:43	1.0
1,1-Dichloroethane	<32		130	32	ug/kg dry	☼	11/11/11 12:52	11/11/11 19:43	1.0
1,2-Dichloroethane	<32		130	32	ug/kg dry	☼	11/11/11 12:52	11/11/11 19:43	1.0
1,1-Dichloroethene	<32		130	32	ug/kg dry	☼	11/11/11 12:52	11/11/11 19:43	1.0
cis-1,2-Dichloroethene	<32		130	32	ug/kg dry	☼	11/11/11 12:52	11/11/11 19:43	1.0
trans-1,2-Dichloroethene	<32		130	32	ug/kg dry	☼	11/11/11 12:52	11/11/11 19:43	1.0
1,2-Dichloropropane	<32		130	32	ug/kg dry	☼	11/11/11 12:52	11/11/11 19:43	1.0
1,3-Dichloropropane	<32		130	32	ug/kg dry	☼	11/11/11 12:52	11/11/11 19:43	1.0
2,2-Dichloropropane	<32		130	32	ug/kg dry	☼	11/11/11 12:52	11/11/11 19:43	1.0

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0308

Client Sample ID: B-23 8-10'

Lab Sample ID: WUK0308-10

Date Collected: 11/08/11 13:40

Matrix: Solid/Soil

Date Received: 11/09/11 16:20

Percent Solids: 77.1

Method: SW 8260B - VOCs by SW8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloropropene	<32		130	32	ug/kg dry	*	11/11/11 12:52	11/11/11 19:43	1.0
cis-1,3-Dichloropropene	<32		130	32	ug/kg dry	*	11/11/11 12:52	11/11/11 19:43	1.0
trans-1,3-Dichloropropene	<32		130	32	ug/kg dry	*	11/11/11 12:52	11/11/11 19:43	1.0
Isopropyl Ether	<32		130	32	ug/kg dry	*	11/11/11 12:52	11/11/11 19:43	1.0
Ethylbenzene	<32		130	32	ug/kg dry	*	11/11/11 12:52	11/11/11 19:43	1.0
Hexachlorobutadiene	<32		130	32	ug/kg dry	*	11/11/11 12:52	11/11/11 19:43	1.0
Isopropylbenzene	<32		130	32	ug/kg dry	*	11/11/11 12:52	11/11/11 19:43	1.0
p-Isopropyltoluene	<32		130	32	ug/kg dry	*	11/11/11 12:52	11/11/11 19:43	1.0
Methylene Chloride	<65		130	65	ug/kg dry	*	11/11/11 12:52	11/11/11 19:43	1.0
Methyl tert-Butyl Ether	<32		130	32	ug/kg dry	*	11/11/11 12:52	11/11/11 19:43	1.0
Naphthalene	540		130	65	ug/kg dry	*	11/11/11 12:52	11/11/11 19:43	1.0
n-Propylbenzene	<32		130	32	ug/kg dry	*	11/11/11 12:52	11/11/11 19:43	1.0
Styrene	<65		130	65	ug/kg dry	*	11/11/11 12:52	11/11/11 19:43	1.0
1,1,1,2-Tetrachloroethane	<32		130	32	ug/kg dry	*	11/11/11 12:52	11/11/11 19:43	1.0
1,1,2,2-Tetrachloroethane	<32		130	32	ug/kg dry	*	11/11/11 12:52	11/11/11 19:43	1.0
Tetrachloroethene	<32		130	32	ug/kg dry	*	11/11/11 12:52	11/11/11 19:43	1.0
Toluene	<32		130	32	ug/kg dry	*	11/11/11 12:52	11/11/11 19:43	1.0
1,2,3-Trichlorobenzene	<32		130	32	ug/kg dry	*	11/11/11 12:52	11/11/11 19:43	1.0
1,2,4-Trichlorobenzene	<32		130	32	ug/kg dry	*	11/11/11 12:52	11/11/11 19:43	1.0
1,1,1-Trichloroethane	<32		130	32	ug/kg dry	*	11/11/11 12:52	11/11/11 19:43	1.0
1,1,2-Trichloroethane	<32		130	32	ug/kg dry	*	11/11/11 12:52	11/11/11 19:43	1.0
Trichloroethene	<32		130	32	ug/kg dry	*	11/11/11 12:52	11/11/11 19:43	1.0
Trichlorofluoromethane	<32		130	32	ug/kg dry	*	11/11/11 12:52	11/11/11 19:43	1.0
1,2,3-Trichloropropane	<65		130	65	ug/kg dry	*	11/11/11 12:52	11/11/11 19:43	1.0
1,2,4-Trimethylbenzene	<32		130	32	ug/kg dry	*	11/11/11 12:52	11/11/11 19:43	1.0
1,3,5-Trimethylbenzene	<32		130	32	ug/kg dry	*	11/11/11 12:52	11/11/11 19:43	1.0
Vinyl chloride	<32		130	32	ug/kg dry	*	11/11/11 12:52	11/11/11 19:43	1.0
Xylenes, total	<97		390	97	ug/kg dry	*	11/11/11 12:52	11/11/11 19:43	1.0
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Dibromofluoromethane	98		80 - 120				11/11/11 12:52	11/11/11 19:43	1.0
Toluene-d8	98		80 - 120				11/11/11 12:52	11/11/11 19:43	1.0
4-Bromofluorobenzene	98		80 - 120				11/11/11 12:52	11/11/11 19:43	1.0

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.048		0.21	0.048	mg/Kg	*	11/17/11 18:45	11/22/11 00:26	1
1,2-Dichlorobenzene	<0.046		0.21	0.046	mg/Kg	*	11/17/11 18:45	11/22/11 00:26	1
1,3-Dichlorobenzene	<0.045		0.21	0.045	mg/Kg	*	11/17/11 18:45	11/22/11 00:26	1
1,4-Dichlorobenzene	<0.045		0.21	0.045	mg/Kg	*	11/17/11 18:45	11/22/11 00:26	1
2,4,5-Trichlorophenol	<0.12		0.42	0.12	mg/Kg	*	11/17/11 18:45	11/22/11 00:26	1
2,4,6-Trichlorophenol	<0.053		0.42	0.053	mg/Kg	*	11/17/11 18:45	11/22/11 00:26	1
2,4-Dichlorophenol	<0.13		0.42	0.13	mg/Kg	*	11/17/11 18:45	11/22/11 00:26	1
2,4-Dimethylphenol	<0.13		0.42	0.13	mg/Kg	*	11/17/11 18:45	11/22/11 00:26	1
2,4-Dinitrophenol	<0.22		0.85	0.22	mg/Kg	*	11/17/11 18:45	11/22/11 00:26	1
2,4-Dinitrotoluene	<0.065		0.21	0.065	mg/Kg	*	11/17/11 18:45	11/22/11 00:26	1
2,6-Dinitrotoluene	<0.050		0.21	0.050	mg/Kg	*	11/17/11 18:45	11/22/11 00:26	1
2-Chloronaphthalene	<0.048		0.21	0.048	mg/Kg	*	11/17/11 18:45	11/22/11 00:26	1
2-Chlorophenol	<0.061		0.21	0.061	mg/Kg	*	11/17/11 18:45	11/22/11 00:26	1
2-Methylnaphthalene	0.28		0.21	0.055	mg/Kg	*	11/17/11 18:45	11/22/11 00:26	1
2-Methylphenol	<0.056		0.21	0.056	mg/Kg	*	11/17/11 18:45	11/22/11 00:26	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0308

Client Sample ID: B-23 8-10'

Lab Sample ID: WUK0308-10

Date Collected: 11/08/11 13:40

Matrix: Solid/Soil

Date Received: 11/09/11 16:20

Percent Solids: 77.1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	<0.076		0.21	0.076	mg/Kg	*	11/17/11 18:45	11/22/11 00:26	1
2-Nitrophenol	<0.066		0.42	0.066	mg/Kg	*	11/17/11 18:45	11/22/11 00:26	1
3 & 4 Methylphenol	<0.080		0.21	0.080	mg/Kg	*	11/17/11 18:45	11/22/11 00:26	1
3,3'-Dichlorobenzidine	<0.035		0.21	0.035	mg/Kg	*	11/17/11 18:45	11/22/11 00:26	1
3-Nitroaniline	<0.082		0.42	0.082	mg/Kg	*	11/17/11 18:45	11/22/11 00:26	1
4,6-Dinitro-2-methylphenol	<0.10		0.42	0.10	mg/Kg	*	11/17/11 18:45	11/22/11 00:26	1
4-Bromophenyl phenyl ether	<0.047		0.21	0.047	mg/Kg	*	11/17/11 18:45	11/22/11 00:26	1
4-Chloro-3-methylphenol	<0.20		0.42	0.20	mg/Kg	*	11/17/11 18:45	11/22/11 00:26	1
4-Chloroaniline	<0.13		0.85	0.13	mg/Kg	*	11/17/11 18:45	11/22/11 00:26	1
4-Chlorophenyl phenyl ether	<0.067		0.21	0.067	mg/Kg	*	11/17/11 18:45	11/22/11 00:26	1
4-Nitroaniline	<0.087		0.42	0.087	mg/Kg	*	11/17/11 18:45	11/22/11 00:26	1
4-Nitrophenol	<0.23		0.85	0.23	mg/Kg	*	11/17/11 18:45	11/22/11 00:26	1
Acenaphthene	0.89		0.042	0.013	mg/Kg	*	11/17/11 18:45	11/22/11 00:26	1
Acenaphthylene	0.35		0.042	0.0097	mg/Kg	*	11/17/11 18:45	11/22/11 00:26	1
Anthracene	2.2		0.042	0.010	mg/Kg	*	11/17/11 18:45	11/22/11 00:26	1
Benzo[a]pyrene	2.7		0.042	0.0077	mg/Kg	*	11/17/11 18:45	11/22/11 00:26	1
Benzo[g,h,i]perylene	1.9		0.042	0.014	mg/Kg	*	11/17/11 18:45	11/22/11 00:26	1
Benzo[k]fluoranthene	1.3		0.042	0.010	mg/Kg	*	11/17/11 18:45	11/22/11 00:26	1
bis (2-chloroisopropyl) ether	<0.047		0.21	0.047	mg/Kg	*	11/17/11 18:45	11/22/11 00:26	1
Bis(2-chloroethoxy)methane	<0.047		0.21	0.047	mg/Kg	*	11/17/11 18:45	11/22/11 00:26	1
Bis(2-chloroethyl)ether	<0.063		0.21	0.063	mg/Kg	*	11/17/11 18:45	11/22/11 00:26	1
Bis(2-ethylhexyl) phthalate	<0.056		0.21	0.056	mg/Kg	*	11/17/11 18:45	11/22/11 00:26	1
Butyl benzyl phthalate	<0.053		0.21	0.053	mg/Kg	*	11/17/11 18:45	11/22/11 00:26	1
Carbazole	0.71		0.21	0.060	mg/Kg	*	11/17/11 18:45	11/22/11 00:26	1
Dibenz(a,h)anthracene	0.96		0.042	0.012	mg/Kg	*	11/17/11 18:45	11/22/11 00:26	1
Dibenzofuran	0.38		0.21	0.051	mg/Kg	*	11/17/11 18:45	11/22/11 00:26	1
Diethyl phthalate	<0.071		0.21	0.071	mg/Kg	*	11/17/11 18:45	11/22/11 00:26	1
Dimethyl phthalate	<0.053		0.21	0.053	mg/Kg	*	11/17/11 18:45	11/22/11 00:26	1
Di-n-butyl phthalate	<0.053		0.21	0.053	mg/Kg	*	11/17/11 18:45	11/22/11 00:26	1
Di-n-octyl phthalate	<0.086		0.21	0.086	mg/Kg	*	11/17/11 18:45	11/22/11 00:26	1
Fluorene	1.3		0.042	0.0096	mg/Kg	*	11/17/11 18:45	11/22/11 00:26	1
Hexachlorobenzene	<0.0083		0.085	0.0083	mg/Kg	*	11/17/11 18:45	11/22/11 00:26	1
Hexachlorobutadiene	<0.055		0.21	0.055	mg/Kg	*	11/17/11 18:45	11/22/11 00:26	1
Hexachlorocyclopentadiene	<0.20		0.85	0.20	mg/Kg	*	11/17/11 18:45	11/22/11 00:26	1
Hexachloroethane	<0.045		0.21	0.045	mg/Kg	*	11/17/11 18:45	11/22/11 00:26	1
Indeno[1,2,3-cd]pyrene	1.7		0.042	0.014	mg/Kg	*	11/17/11 18:45	11/22/11 00:26	1
Isophorone	<0.047		0.21	0.047	mg/Kg	*	11/17/11 18:45	11/22/11 00:26	1
Nitrobenzene	<0.013		0.042	0.013	mg/Kg	*	11/17/11 18:45	11/22/11 00:26	1
N-Nitrosodimethylamine	<0.46		0.85	0.46	mg/Kg	*	11/17/11 18:45	11/22/11 00:26	1
N-Nitrosodi-n-propylamine	<0.054		0.21	0.054	mg/Kg	*	11/17/11 18:45	11/22/11 00:26	1
Pentachlorophenol	<0.22		0.85	0.22	mg/Kg	*	11/17/11 18:45	11/22/11 00:26	1
Phenol	<0.067		0.21	0.067	mg/Kg	*	11/17/11 18:45	11/22/11 00:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	59		30 - 137	11/17/11 18:45	11/22/11 00:26	1
2-Fluorobiphenyl	84		27 - 113	11/17/11 18:45	11/22/11 00:26	1
2-Fluorophenol	71		30 - 110	11/17/11 18:45	11/22/11 00:26	1
Nitrobenzene-d5	95		22 - 110	11/17/11 18:45	11/22/11 00:26	1
Phenol-d5	81		26 - 112	11/17/11 18:45	11/22/11 00:26	1
Terphenyl-d14	96		33 - 129	11/17/11 18:45	11/22/11 00:26	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0308

Client Sample ID: B-23 8-10'

Lab Sample ID: WUK0308-10

Date Collected: 11/08/11 13:40

Matrix: Solid/Soil

Date Received: 11/09/11 16:20

Percent Solids: 77.1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	6.2		0.42	0.089	mg/Kg	☼	11/17/11 18:45	11/22/11 15:45	10
Benzo[b]fluoranthene	6.9		0.42	0.082	mg/Kg	☼	11/17/11 18:45	11/22/11 15:45	10
Chrysene	6.5		0.42	0.096	mg/Kg	☼	11/17/11 18:45	11/22/11 15:45	10
Fluoranthene	14		0.42	0.17	mg/Kg	☼	11/17/11 18:45	11/22/11 15:45	10
Naphthalene	6.9		0.42	0.082	mg/Kg	☼	11/17/11 18:45	11/22/11 15:45	10
Phenanthrene	6.8		0.42	0.18	mg/Kg	☼	11/17/11 18:45	11/22/11 15:45	10
Pyrene	11		0.42	0.15	mg/Kg	☼	11/17/11 18:45	11/22/11 15:45	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0078		0.022	0.0078	mg/Kg	☼	11/17/11 21:01	11/18/11 19:15	1
PCB-1221	<0.017		0.022	0.017	mg/Kg	☼	11/17/11 21:01	11/18/11 19:15	1
PCB-1232	<0.0084		0.022	0.0084	mg/Kg	☼	11/17/11 21:01	11/18/11 19:15	1
PCB-1242	<0.010		0.022	0.010	mg/Kg	☼	11/17/11 21:01	11/18/11 19:15	1
PCB-1248	<0.0079		0.022	0.0079	mg/Kg	☼	11/17/11 21:01	11/18/11 19:15	1
PCB-1254	<0.0062		0.022	0.0062	mg/Kg	☼	11/17/11 21:01	11/18/11 19:15	1
PCB-1260	<0.0051		0.022	0.0051	mg/Kg	☼	11/17/11 21:01	11/18/11 19:15	1
Polychlorinated biphenyls, Total	<0.0034		0.022	0.0034	mg/Kg	☼	11/17/11 21:01	11/18/11 19:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	75		28 - 124	11/17/11 21:01	11/18/11 19:15	1
DCB Decachlorobiphenyl	104		38 - 130	11/17/11 21:01	11/18/11 19:15	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.5		1.2	0.16	mg/Kg	☼	11/18/11 10:00	11/21/11 12:25	1
Barium	85	B	1.2	0.065	mg/Kg	☼	11/18/11 10:00	11/21/11 12:25	1
Cadmium	0.29	B	0.23	0.032	mg/Kg	☼	11/18/11 10:00	11/21/11 12:25	1
Chromium	25		1.2	0.099	mg/Kg	☼	11/18/11 10:00	11/21/11 12:25	1
Lead	11		0.58	0.28	mg/Kg	☼	11/18/11 10:00	11/21/11 12:25	1
Selenium	<0.33		1.2	0.33	mg/Kg	☼	11/18/11 10:00	11/21/11 12:25	1
Silver	<0.074		0.58	0.074	mg/Kg	☼	11/18/11 10:00	11/21/11 12:25	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.046		0.021	0.0063	mg/Kg	☼	11/18/11 09:50	11/18/11 12:39	1

Client Sample ID: B-24 0-2'

Lab Sample ID: WUK0308-11

Date Collected: 11/08/11 13:45

Matrix: Solid/Soil

Date Received: 11/09/11 16:20

Percent Solids: 83

Method: SW 8260B - VOCs by SW8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 20:10	1.0
Bromobenzene	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 20:10	1.0
Bromochloromethane	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 20:10	1.0
Bromodichloromethane	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 20:10	1.0
Bromoform	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 20:10	1.0
Bromomethane	<120		300	120	ug/kg dry	☼	11/11/11 12:52	11/11/11 20:10	1.0
n-Butylbenzene	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 20:10	1.0

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0308

Client Sample ID: B-24 0-2'

Lab Sample ID: WUK0308-11

Date Collected: 11/08/11 13:45

Matrix: Solid/Soil

Date Received: 11/09/11 16:20

Percent Solids: 83

Method: SW 8260B - VOCs by SW8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 20:10	1.0
tert-Butylbenzene	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 20:10	1.0
Carbon Tetrachloride	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 20:10	1.0
Chlorobenzene	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 20:10	1.0
Chlorodibromomethane	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 20:10	1.0
Chloroethane	<60		120	60	ug/kg dry	☼	11/11/11 12:52	11/11/11 20:10	1.0
Chloroform	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 20:10	1.0
Chloromethane	<60		120	60	ug/kg dry	☼	11/11/11 12:52	11/11/11 20:10	1.0
2-Chlorotoluene	<60		120	60	ug/kg dry	☼	11/11/11 12:52	11/11/11 20:10	1.0
4-Chlorotoluene	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 20:10	1.0
1,2-Dibromo-3-chloropropane	<60		120	60	ug/kg dry	☼	11/11/11 12:52	11/11/11 20:10	1.0
1,2-Dibromoethane (EDB)	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 20:10	1.0
Dibromomethane	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 20:10	1.0
1,2-Dichlorobenzene	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 20:10	1.0
1,3-Dichlorobenzene	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 20:10	1.0
1,4-Dichlorobenzene	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 20:10	1.0
Dichlorodifluoromethane	<60		120	60	ug/kg dry	☼	11/11/11 12:52	11/11/11 20:10	1.0
1,1-Dichloroethane	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 20:10	1.0
1,2-Dichloroethane	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 20:10	1.0
1,1-Dichloroethene	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 20:10	1.0
cis-1,2-Dichloroethene	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 20:10	1.0
trans-1,2-Dichloroethene	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 20:10	1.0
1,2-Dichloropropane	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 20:10	1.0
1,3-Dichloropropane	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 20:10	1.0
2,2-Dichloropropane	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 20:10	1.0
1,1-Dichloropropene	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 20:10	1.0
cis-1,3-Dichloropropene	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 20:10	1.0
trans-1,3-Dichloropropene	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 20:10	1.0
Isopropyl Ether	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 20:10	1.0
Ethylbenzene	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 20:10	1.0
Hexachlorobutadiene	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 20:10	1.0
Isopropylbenzene	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 20:10	1.0
p-Isopropyltoluene	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 20:10	1.0
Methylene Chloride	<60		120	60	ug/kg dry	☼	11/11/11 12:52	11/11/11 20:10	1.0
Methyl tert-Butyl Ether	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 20:10	1.0
Naphthalene	<60		120	60	ug/kg dry	☼	11/11/11 12:52	11/11/11 20:10	1.0
n-Propylbenzene	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 20:10	1.0
Styrene	<60		120	60	ug/kg dry	☼	11/11/11 12:52	11/11/11 20:10	1.0
1,1,1,2-Tetrachloroethane	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 20:10	1.0
1,1,1,2,2-Tetrachloroethane	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 20:10	1.0
Tetrachloroethene	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 20:10	1.0
Toluene	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 20:10	1.0
1,2,3-Trichlorobenzene	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 20:10	1.0
1,2,4-Trichlorobenzene	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 20:10	1.0
1,1,1-Trichloroethane	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 20:10	1.0
1,1,2-Trichloroethane	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 20:10	1.0
Trichloroethene	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 20:10	1.0
Trichlorofluoromethane	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 20:10	1.0
1,2,3-Trichloropropane	<60		120	60	ug/kg dry	☼	11/11/11 12:52	11/11/11 20:10	1.0
1,2,4-Trimethylbenzene	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 20:10	1.0

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0308

Client Sample ID: B-24 0-2'

Lab Sample ID: WUK0308-11

Date Collected: 11/08/11 13:45

Matrix: Solid/Soil

Date Received: 11/09/11 16:20

Percent Solids: 83

Method: SW 8260B - VOCs by SW8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 20:10	1.0
Vinyl chloride	<30		120	30	ug/kg dry	☼	11/11/11 12:52	11/11/11 20:10	1.0
Xylenes, total	<90		360	90	ug/kg dry	☼	11/11/11 12:52	11/11/11 20:10	1.0
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Dibromofluoromethane	99		80 - 120				11/11/11 12:52	11/11/11 20:10	1.0
Toluene-d8	98		80 - 120				11/11/11 12:52	11/11/11 20:10	1.0
4-Bromofluorobenzene	99		80 - 120				11/11/11 12:52	11/11/11 20:10	1.0

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.045		0.20	0.045	mg/Kg	☼	11/17/11 18:45	11/22/11 00:47	1
1,2-Dichlorobenzene	<0.043		0.20	0.043	mg/Kg	☼	11/17/11 18:45	11/22/11 00:47	1
1,3-Dichlorobenzene	<0.041		0.20	0.041	mg/Kg	☼	11/17/11 18:45	11/22/11 00:47	1
1,4-Dichlorobenzene	<0.041		0.20	0.041	mg/Kg	☼	11/17/11 18:45	11/22/11 00:47	1
2,4,5-Trichlorophenol	<0.11		0.39	0.11	mg/Kg	☼	11/17/11 18:45	11/22/11 00:47	1
2,4,6-Trichlorophenol	<0.049		0.39	0.049	mg/Kg	☼	11/17/11 18:45	11/22/11 00:47	1
2,4-Dichlorophenol	<0.12		0.39	0.12	mg/Kg	☼	11/17/11 18:45	11/22/11 00:47	1
2,4-Dimethylphenol	<0.12		0.39	0.12	mg/Kg	☼	11/17/11 18:45	11/22/11 00:47	1
2,4-Dinitrophenol	<0.20		0.79	0.20	mg/Kg	☼	11/17/11 18:45	11/22/11 00:47	1
2,4-Dinitrotoluene	<0.060		0.20	0.060	mg/Kg	☼	11/17/11 18:45	11/22/11 00:47	1
2,6-Dinitrotoluene	<0.047		0.20	0.047	mg/Kg	☼	11/17/11 18:45	11/22/11 00:47	1
2-Chloronaphthalene	<0.044		0.20	0.044	mg/Kg	☼	11/17/11 18:45	11/22/11 00:47	1
2-Chlorophenol	<0.056		0.20	0.056	mg/Kg	☼	11/17/11 18:45	11/22/11 00:47	1
2-Methylnaphthalene	<0.051		0.20	0.051	mg/Kg	☼	11/17/11 18:45	11/22/11 00:47	1
2-Methylphenol	<0.052		0.20	0.052	mg/Kg	☼	11/17/11 18:45	11/22/11 00:47	1
2-Nitroaniline	<0.071		0.20	0.071	mg/Kg	☼	11/17/11 18:45	11/22/11 00:47	1
2-Nitrophenol	<0.062		0.39	0.062	mg/Kg	☼	11/17/11 18:45	11/22/11 00:47	1
3 & 4 Methylphenol	<0.074		0.20	0.074	mg/Kg	☼	11/17/11 18:45	11/22/11 00:47	1
3,3'-Dichlorobenzidine	<0.033		0.20	0.033	mg/Kg	☼	11/17/11 18:45	11/22/11 00:47	1
3-Nitroaniline	<0.076		0.39	0.076	mg/Kg	☼	11/17/11 18:45	11/22/11 00:47	1
4,6-Dinitro-2-methylphenol	<0.095		0.39	0.095	mg/Kg	☼	11/17/11 18:45	11/22/11 00:47	1
4-Bromophenyl phenyl ether	<0.044		0.20	0.044	mg/Kg	☼	11/17/11 18:45	11/22/11 00:47	1
4-Chloro-3-methylphenol	<0.19		0.39	0.19	mg/Kg	☼	11/17/11 18:45	11/22/11 00:47	1
4-Chloroaniline	<0.12		0.79	0.12	mg/Kg	☼	11/17/11 18:45	11/22/11 00:47	1
4-Chlorophenyl phenyl ether	<0.062		0.20	0.062	mg/Kg	☼	11/17/11 18:45	11/22/11 00:47	1
4-Nitroaniline	<0.081		0.39	0.081	mg/Kg	☼	11/17/11 18:45	11/22/11 00:47	1
4-Nitrophenol	<0.21		0.79	0.21	mg/Kg	☼	11/17/11 18:45	11/22/11 00:47	1
Acenaphthene	0.026	J	0.039	0.012	mg/Kg	☼	11/17/11 18:45	11/22/11 00:47	1
Acenaphthylene	<0.0090		0.039	0.0090	mg/Kg	☼	11/17/11 18:45	11/22/11 00:47	1
Anthracene	0.027	J	0.039	0.0092	mg/Kg	☼	11/17/11 18:45	11/22/11 00:47	1
Benzo[a]anthracene	0.055		0.039	0.0082	mg/Kg	☼	11/17/11 18:45	11/22/11 00:47	1
Benzo[a]pyrene	0.073		0.039	0.0072	mg/Kg	☼	11/17/11 18:45	11/22/11 00:47	1
Benzo[b]fluoranthene	0.077		0.039	0.0076	mg/Kg	☼	11/17/11 18:45	11/22/11 00:47	1
Benzo[g,h,i]perylene	0.069		0.039	0.013	mg/Kg	☼	11/17/11 18:45	11/22/11 00:47	1
Benzo[k]fluoranthene	0.052		0.039	0.0094	mg/Kg	☼	11/17/11 18:45	11/22/11 00:47	1
bis (2-chloroisopropyl) ether	<0.044		0.20	0.044	mg/Kg	☼	11/17/11 18:45	11/22/11 00:47	1
Bis(2-chloroethoxy)methane	<0.043		0.20	0.043	mg/Kg	☼	11/17/11 18:45	11/22/11 00:47	1
Bis(2-chloroethyl)ether	<0.058		0.20	0.058	mg/Kg	☼	11/17/11 18:45	11/22/11 00:47	1
Bis(2-ethylhexyl) phthalate	<0.052		0.20	0.052	mg/Kg	☼	11/17/11 18:45	11/22/11 00:47	1
Butyl benzyl phthalate	<0.049		0.20	0.049	mg/Kg	☼	11/17/11 18:45	11/22/11 00:47	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0308

Client Sample ID: B-24 0-2'

Lab Sample ID: WUK0308-11

Date Collected: 11/08/11 13:45

Matrix: Solid/Soil

Date Received: 11/09/11 16:20

Percent Solids: 83.0

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbazole	<0.055		0.20	0.055	mg/Kg	☼	11/17/11 18:45	11/22/11 00:47	1
Chrysene	0.079		0.039	0.0089	mg/Kg	☼	11/17/11 18:45	11/22/11 00:47	1
Dibenz(a,h)anthracene	0.014	J	0.039	0.011	mg/Kg	☼	11/17/11 18:45	11/22/11 00:47	1
Dibenzofuran	<0.047		0.20	0.047	mg/Kg	☼	11/17/11 18:45	11/22/11 00:47	1
Diethyl phthalate	<0.066		0.20	0.066	mg/Kg	☼	11/17/11 18:45	11/22/11 00:47	1
Dimethyl phthalate	<0.049		0.20	0.049	mg/Kg	☼	11/17/11 18:45	11/22/11 00:47	1
Di-n-butyl phthalate	<0.050		0.20	0.050	mg/Kg	☼	11/17/11 18:45	11/22/11 00:47	1
Di-n-octyl phthalate	<0.080		0.20	0.080	mg/Kg	☼	11/17/11 18:45	11/22/11 00:47	1
Fluoranthene	0.12		0.039	0.016	mg/Kg	☼	11/17/11 18:45	11/22/11 00:47	1
Fluorene	0.017	J	0.039	0.0089	mg/Kg	☼	11/17/11 18:45	11/22/11 00:47	1
Hexachlorobenzene	<0.0077		0.079	0.0077	mg/Kg	☼	11/17/11 18:45	11/22/11 00:47	1
Hexachlorobutadiene	<0.051		0.20	0.051	mg/Kg	☼	11/17/11 18:45	11/22/11 00:47	1
Hexachlorocyclopentadiene	<0.18		0.79	0.18	mg/Kg	☼	11/17/11 18:45	11/22/11 00:47	1
Hexachloroethane	<0.042		0.20	0.042	mg/Kg	☼	11/17/11 18:45	11/22/11 00:47	1
Indeno[1,2,3-cd]pyrene	0.058		0.039	0.013	mg/Kg	☼	11/17/11 18:45	11/22/11 00:47	1
Isophorone	<0.044		0.20	0.044	mg/Kg	☼	11/17/11 18:45	11/22/11 00:47	1
Naphthalene	<0.0076		0.039	0.0076	mg/Kg	☼	11/17/11 18:45	11/22/11 00:47	1
Nitrobenzene	<0.012		0.039	0.012	mg/Kg	☼	11/17/11 18:45	11/22/11 00:47	1
N-Nitrosodimethylamine	<0.43		0.79	0.43	mg/Kg	☼	11/17/11 18:45	11/22/11 00:47	1
N-Nitrosodi-n-propylamine	<0.050		0.20	0.050	mg/Kg	☼	11/17/11 18:45	11/22/11 00:47	1
Pentachlorophenol	<0.20		0.79	0.20	mg/Kg	☼	11/17/11 18:45	11/22/11 00:47	1
Phenanthrene	0.064		0.039	0.016	mg/Kg	☼	11/17/11 18:45	11/22/11 00:47	1
Phenol	<0.062		0.20	0.062	mg/Kg	☼	11/17/11 18:45	11/22/11 00:47	1
Pyrene	0.091		0.039	0.014	mg/Kg	☼	11/17/11 18:45	11/22/11 00:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	69		30 - 137	11/17/11 18:45	11/22/11 00:47	1
2-Fluorobiphenyl	77		27 - 113	11/17/11 18:45	11/22/11 00:47	1
2-Fluorophenol	66		30 - 110	11/17/11 18:45	11/22/11 00:47	1
Nitrobenzene-d5	80		22 - 110	11/17/11 18:45	11/22/11 00:47	1
Phenol-d5	69		26 - 112	11/17/11 18:45	11/22/11 00:47	1
Terphenyl-d14	74		33 - 129	11/17/11 18:45	11/22/11 00:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0068		0.019	0.0068	mg/Kg	☼	11/17/11 21:01	11/18/11 19:29	1
PCB-1221	<0.015		0.019	0.015	mg/Kg	☼	11/17/11 21:01	11/18/11 19:29	1
PCB-1232	<0.0074		0.019	0.0074	mg/Kg	☼	11/17/11 21:01	11/18/11 19:29	1
PCB-1242	<0.0091		0.019	0.0091	mg/Kg	☼	11/17/11 21:01	11/18/11 19:29	1
PCB-1248	<0.0069		0.019	0.0069	mg/Kg	☼	11/17/11 21:01	11/18/11 19:29	1
PCB-1254	<0.0054		0.019	0.0054	mg/Kg	☼	11/17/11 21:01	11/18/11 19:29	1
PCB-1260	<0.0044		0.019	0.0044	mg/Kg	☼	11/17/11 21:01	11/18/11 19:29	1
Polychlorinated biphenyls, Total	<0.0030		0.019	0.0030	mg/Kg	☼	11/17/11 21:01	11/18/11 19:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	79		28 - 124	11/17/11 21:01	11/18/11 19:29	1
DCB Decachlorobiphenyl	103		38 - 130	11/17/11 21:01	11/18/11 19:29	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	9.0		1.2	0.17	mg/Kg	☼	11/18/11 10:00	11/21/11 12:31	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0308

Client Sample ID: B-24 0-2'

Lab Sample ID: WUK0308-11

Date Collected: 11/08/11 13:45

Matrix: Solid/Soil

Date Received: 11/09/11 16:20

Percent Solids: 83.0

Method: 6010B - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	63	B	1.2	0.067	mg/Kg	☼	11/18/11 10:00	11/21/11 12:31	1
Cadmium	0.41	B	0.24	0.032	mg/Kg	☼	11/18/11 10:00	11/21/11 12:31	1
Chromium	20		1.2	0.10	mg/Kg	☼	11/18/11 10:00	11/21/11 12:31	1
Lead	17		0.60	0.29	mg/Kg	☼	11/18/11 10:00	11/21/11 12:31	1
Selenium	<0.33		1.2	0.33	mg/Kg	☼	11/18/11 10:00	11/21/11 12:31	1
Silver	<0.075		0.60	0.075	mg/Kg	☼	11/18/11 10:00	11/21/11 12:31	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.031		0.020	0.0060	mg/Kg	☼	11/18/11 09:50	11/18/11 12:41	1

Client Sample ID: B-25 0-2'

Lab Sample ID: WUK0308-12

Date Collected: 11/08/11 13:55

Matrix: Solid/Soil

Date Received: 11/09/11 16:20

Percent Solids: 83.2

Method: SW 8260B - VOCs by SW8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 18:45	1.0
Bromobenzene	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 18:45	1.0
Bromochloromethane	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 18:45	1.0
Bromodichloromethane	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 18:45	1.0
Bromoform	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 18:45	1.0
Bromomethane	<120		300	120	ug/kg dry	☼	11/14/11 12:58	11/14/11 18:45	1.0
n-Butylbenzene	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 18:45	1.0
sec-Butylbenzene	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 18:45	1.0
tert-Butylbenzene	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 18:45	1.0
Carbon Tetrachloride	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 18:45	1.0
Chlorobenzene	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 18:45	1.0
Chlorodibromomethane	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 18:45	1.0
Chloroethane	<60		120	60	ug/kg dry	☼	11/14/11 12:58	11/14/11 18:45	1.0
Chloroform	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 18:45	1.0
Chloromethane	<60		120	60	ug/kg dry	☼	11/14/11 12:58	11/14/11 18:45	1.0
2-Chlorotoluene	<60		120	60	ug/kg dry	☼	11/14/11 12:58	11/14/11 18:45	1.0
4-Chlorotoluene	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 18:45	1.0
1,2-Dibromo-3-chloropropane	<60		120	60	ug/kg dry	☼	11/14/11 12:58	11/14/11 18:45	1.0
1,2-Dibromoethane (EDB)	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 18:45	1.0
Dibromomethane	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 18:45	1.0
1,2-Dichlorobenzene	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 18:45	1.0
1,3-Dichlorobenzene	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 18:45	1.0
1,4-Dichlorobenzene	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 18:45	1.0
Dichlorodifluoromethane	<60		120	60	ug/kg dry	☼	11/14/11 12:58	11/14/11 18:45	1.0
1,1-Dichloroethane	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 18:45	1.0
1,2-Dichloroethane	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 18:45	1.0
1,1-Dichloroethene	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 18:45	1.0
cis-1,2-Dichloroethene	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 18:45	1.0
trans-1,2-Dichloroethene	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 18:45	1.0
1,2-Dichloropropane	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 18:45	1.0
1,3-Dichloropropane	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 18:45	1.0
2,2-Dichloropropane	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 18:45	1.0
1,1-Dichloropropene	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 18:45	1.0

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0308

Client Sample ID: B-25 0-2'

Lab Sample ID: WUK0308-12

Date Collected: 11/08/11 13:55

Matrix: Solid/Soil

Date Received: 11/09/11 16:20

Percent Solids: 83.2

Method: SW 8260B - VOCs by SW8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 18:45	1.0
trans-1,3-Dichloropropene	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 18:45	1.0
Isopropyl Ether	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 18:45	1.0
Ethylbenzene	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 18:45	1.0
Hexachlorobutadiene	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 18:45	1.0
Isopropylbenzene	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 18:45	1.0
p-Isopropyltoluene	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 18:45	1.0
Methylene Chloride	<60		120	60	ug/kg dry	☼	11/14/11 12:58	11/14/11 18:45	1.0
Methyl tert-Butyl Ether	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 18:45	1.0
Naphthalene	<60		120	60	ug/kg dry	☼	11/14/11 12:58	11/14/11 18:45	1.0
n-Propylbenzene	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 18:45	1.0
Styrene	<60		120	60	ug/kg dry	☼	11/14/11 12:58	11/14/11 18:45	1.0
1,1,1,2-Tetrachloroethane	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 18:45	1.0
1,1,2,2-Tetrachloroethane	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 18:45	1.0
Tetrachloroethene	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 18:45	1.0
Toluene	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 18:45	1.0
1,2,3-Trichlorobenzene	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 18:45	1.0
1,2,4-Trichlorobenzene	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 18:45	1.0
1,1,1-Trichloroethane	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 18:45	1.0
1,1,2-Trichloroethane	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 18:45	1.0
Trichloroethene	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 18:45	1.0
Trichlorofluoromethane	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 18:45	1.0
1,2,3-Trichloropropane	<60		120	60	ug/kg dry	☼	11/14/11 12:58	11/14/11 18:45	1.0
1,2,4-Trimethylbenzene	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 18:45	1.0
1,3,5-Trimethylbenzene	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 18:45	1.0
Vinyl chloride	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 18:45	1.0
Xylenes, total	<90		360	90	ug/kg dry	☼	11/14/11 12:58	11/14/11 18:45	1.0

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane	98		80 - 120	11/14/11 12:58	11/14/11 18:45	1.0
Toluene-d8	99		80 - 120	11/14/11 12:58	11/14/11 18:45	1.0
4-Bromofluorobenzene	98		80 - 120	11/14/11 12:58	11/14/11 18:45	1.0

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.044		0.20	0.044	mg/Kg	☼	11/17/11 18:45	11/22/11 01:07	1
1,2-Dichlorobenzene	<0.043		0.20	0.043	mg/Kg	☼	11/17/11 18:45	11/22/11 01:07	1
1,3-Dichlorobenzene	<0.041		0.20	0.041	mg/Kg	☼	11/17/11 18:45	11/22/11 01:07	1
1,4-Dichlorobenzene	<0.041		0.20	0.041	mg/Kg	☼	11/17/11 18:45	11/22/11 01:07	1
2,4,5-Trichlorophenol	<0.11		0.39	0.11	mg/Kg	☼	11/17/11 18:45	11/22/11 01:07	1
2,4,6-Trichlorophenol	<0.049		0.39	0.049	mg/Kg	☼	11/17/11 18:45	11/22/11 01:07	1
2,4-Dichlorophenol	<0.12		0.39	0.12	mg/Kg	☼	11/17/11 18:45	11/22/11 01:07	1
2,4-Dimethylphenol	<0.12		0.39	0.12	mg/Kg	☼	11/17/11 18:45	11/22/11 01:07	1
2,4-Dinitrophenol	<0.20		0.79	0.20	mg/Kg	☼	11/17/11 18:45	11/22/11 01:07	1
2,4-Dinitrotoluene	<0.060		0.20	0.060	mg/Kg	☼	11/17/11 18:45	11/22/11 01:07	1
2,6-Dinitrotoluene	<0.046		0.20	0.046	mg/Kg	☼	11/17/11 18:45	11/22/11 01:07	1
2-Chloronaphthalene	<0.044		0.20	0.044	mg/Kg	☼	11/17/11 18:45	11/22/11 01:07	1
2-Chlorophenol	<0.056		0.20	0.056	mg/Kg	☼	11/17/11 18:45	11/22/11 01:07	1
2-Methylnaphthalene	<0.051		0.20	0.051	mg/Kg	☼	11/17/11 18:45	11/22/11 01:07	1
2-Methylphenol	<0.052		0.20	0.052	mg/Kg	☼	11/17/11 18:45	11/22/11 01:07	1
2-Nitroaniline	<0.070		0.20	0.070	mg/Kg	☼	11/17/11 18:45	11/22/11 01:07	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0308

Client Sample ID: B-25 0-2'

Lab Sample ID: WUK0308-12

Date Collected: 11/08/11 13:55

Matrix: Solid/Soil

Date Received: 11/09/11 16:20

Percent Solids: 83.2

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitrophenol	<0.061		0.39	0.061	mg/Kg	☼	11/17/11 18:45	11/22/11 01:07	1
3 & 4 Methylphenol	<0.074		0.20	0.074	mg/Kg	☼	11/17/11 18:45	11/22/11 01:07	1
3,3'-Dichlorobenzidine	<0.033		0.20	0.033	mg/Kg	☼	11/17/11 18:45	11/22/11 01:07	1
3-Nitroaniline	<0.075		0.39	0.075	mg/Kg	☼	11/17/11 18:45	11/22/11 01:07	1
4,6-Dinitro-2-methylphenol	<0.095		0.39	0.095	mg/Kg	☼	11/17/11 18:45	11/22/11 01:07	1
4-Bromophenyl phenyl ether	<0.044		0.20	0.044	mg/Kg	☼	11/17/11 18:45	11/22/11 01:07	1
4-Chloro-3-methylphenol	<0.19		0.39	0.19	mg/Kg	☼	11/17/11 18:45	11/22/11 01:07	1
4-Chloroaniline	<0.12		0.79	0.12	mg/Kg	☼	11/17/11 18:45	11/22/11 01:07	1
4-Chlorophenyl phenyl ether	<0.062		0.20	0.062	mg/Kg	☼	11/17/11 18:45	11/22/11 01:07	1
4-Nitroaniline	<0.080		0.39	0.080	mg/Kg	☼	11/17/11 18:45	11/22/11 01:07	1
4-Nitrophenol	<0.21		0.79	0.21	mg/Kg	☼	11/17/11 18:45	11/22/11 01:07	1
Acenaphthene	<0.012		0.039	0.012	mg/Kg	☼	11/17/11 18:45	11/22/11 01:07	1
Acenaphthylene	<0.0090		0.039	0.0090	mg/Kg	☼	11/17/11 18:45	11/22/11 01:07	1
Anthracene	<0.0092		0.039	0.0092	mg/Kg	☼	11/17/11 18:45	11/22/11 01:07	1
Benzo[a]anthracene	<0.0082		0.039	0.0082	mg/Kg	☼	11/17/11 18:45	11/22/11 01:07	1
Benzo[a]pyrene	<0.0071		0.039	0.0071	mg/Kg	☼	11/17/11 18:45	11/22/11 01:07	1
Benzo[b]fluoranthene	<0.0076		0.039	0.0076	mg/Kg	☼	11/17/11 18:45	11/22/11 01:07	1
Benzo[g,h,i]perylene	<0.013		0.039	0.013	mg/Kg	☼	11/17/11 18:45	11/22/11 01:07	1
Benzo[k]fluoranthene	<0.0093		0.039	0.0093	mg/Kg	☼	11/17/11 18:45	11/22/11 01:07	1
bis(2-chloroisopropyl) ether	<0.043		0.20	0.043	mg/Kg	☼	11/17/11 18:45	11/22/11 01:07	1
Bis(2-chloroethoxy)methane	<0.043		0.20	0.043	mg/Kg	☼	11/17/11 18:45	11/22/11 01:07	1
Bis(2-chloroethyl)ether	<0.058		0.20	0.058	mg/Kg	☼	11/17/11 18:45	11/22/11 01:07	1
Bis(2-ethylhexyl) phthalate	0.053 J		0.20	0.052	mg/Kg	☼	11/17/11 18:45	11/22/11 01:07	1
Butyl benzyl phthalate	<0.049		0.20	0.049	mg/Kg	☼	11/17/11 18:45	11/22/11 01:07	1
Carbazole	<0.055		0.20	0.055	mg/Kg	☼	11/17/11 18:45	11/22/11 01:07	1
Chrysene	<0.0088		0.039	0.0088	mg/Kg	☼	11/17/11 18:45	11/22/11 01:07	1
Dibenz(a,h)anthracene	<0.011		0.039	0.011	mg/Kg	☼	11/17/11 18:45	11/22/11 01:07	1
Dibenzofuran	<0.047		0.20	0.047	mg/Kg	☼	11/17/11 18:45	11/22/11 01:07	1
Diethyl phthalate	<0.065		0.20	0.065	mg/Kg	☼	11/17/11 18:45	11/22/11 01:07	1
Dimethyl phthalate	<0.049		0.20	0.049	mg/Kg	☼	11/17/11 18:45	11/22/11 01:07	1
Di-n-butyl phthalate	<0.049		0.20	0.049	mg/Kg	☼	11/17/11 18:45	11/22/11 01:07	1
Di-n-octyl phthalate	<0.079		0.20	0.079	mg/Kg	☼	11/17/11 18:45	11/22/11 01:07	1
Fluoranthene	<0.016		0.039	0.016	mg/Kg	☼	11/17/11 18:45	11/22/11 01:07	1
Fluorene	<0.0089		0.039	0.0089	mg/Kg	☼	11/17/11 18:45	11/22/11 01:07	1
Hexachlorobenzene	<0.0077		0.079	0.0077	mg/Kg	☼	11/17/11 18:45	11/22/11 01:07	1
Hexachlorobutadiene	<0.051		0.20	0.051	mg/Kg	☼	11/17/11 18:45	11/22/11 01:07	1
Hexachlorocyclopentadiene	<0.18		0.79	0.18	mg/Kg	☼	11/17/11 18:45	11/22/11 01:07	1
Hexachloroethane	<0.042		0.20	0.042	mg/Kg	☼	11/17/11 18:45	11/22/11 01:07	1
Indeno[1,2,3-cd]pyrene	<0.013		0.039	0.013	mg/Kg	☼	11/17/11 18:45	11/22/11 01:07	1
Isophorone	<0.044		0.20	0.044	mg/Kg	☼	11/17/11 18:45	11/22/11 01:07	1
Naphthalene	<0.0075		0.039	0.0075	mg/Kg	☼	11/17/11 18:45	11/22/11 01:07	1
Nitrobenzene	<0.012		0.039	0.012	mg/Kg	☼	11/17/11 18:45	11/22/11 01:07	1
N-Nitrosodimethylamine	<0.43		0.79	0.43	mg/Kg	☼	11/17/11 18:45	11/22/11 01:07	1
N-Nitrosodi-n-propylamine	<0.050		0.20	0.050	mg/Kg	☼	11/17/11 18:45	11/22/11 01:07	1
Pentachlorophenol	<0.20		0.79	0.20	mg/Kg	☼	11/17/11 18:45	11/22/11 01:07	1
Phenanthrene	<0.016		0.039	0.016	mg/Kg	☼	11/17/11 18:45	11/22/11 01:07	1
Phenol	<0.062		0.20	0.062	mg/Kg	☼	11/17/11 18:45	11/22/11 01:07	1
Pyrene	<0.014		0.039	0.014	mg/Kg	☼	11/17/11 18:45	11/22/11 01:07	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0308

Client Sample ID: B-25 0-2'

Lab Sample ID: WUK0308-12

Date Collected: 11/08/11 13:55

Matrix: Solid/Soil

Date Received: 11/09/11 16:20

Percent Solids: 83.2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	69		30 - 137	11/17/11 18:45	11/22/11 01:07	1
2-Fluorobiphenyl	82		27 - 113	11/17/11 18:45	11/22/11 01:07	1
2-Fluorophenol	66		30 - 110	11/17/11 18:45	11/22/11 01:07	1
Nitrobenzene-d5	92		22 - 110	11/17/11 18:45	11/22/11 01:07	1
Phenol-d5	79		26 - 112	11/17/11 18:45	11/22/11 01:07	1
Terphenyl-d14	72		33 - 129	11/17/11 18:45	11/22/11 01:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0070		0.020	0.0070	mg/Kg	☼	11/17/11 21:01	11/18/11 19:43	1
PCB-1221	<0.016		0.020	0.016	mg/Kg	☼	11/17/11 21:01	11/18/11 19:43	1
PCB-1232	<0.0076		0.020	0.0076	mg/Kg	☼	11/17/11 21:01	11/18/11 19:43	1
PCB-1242	<0.0094		0.020	0.0094	mg/Kg	☼	11/17/11 21:01	11/18/11 19:43	1
PCB-1248	<0.0071		0.020	0.0071	mg/Kg	☼	11/17/11 21:01	11/18/11 19:43	1
PCB-1254	0.065		0.020	0.0056	mg/Kg	☼	11/17/11 21:01	11/18/11 19:43	1
PCB-1260	<0.0046		0.020	0.0046	mg/Kg	☼	11/17/11 21:01	11/18/11 19:43	1
Polychlorinated biphenyls, Total	0.065		0.020	0.0030	mg/Kg	☼	11/17/11 21:01	11/18/11 19:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	83		28 - 124	11/17/11 21:01	11/18/11 19:43	1
DCB Decachlorobiphenyl	96		38 - 130	11/17/11 21:01	11/18/11 19:43	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.3		1.1	0.15	mg/Kg	☼	11/18/11 10:00	11/21/11 12:36	1
Barium	40	B	1.1	0.060	mg/Kg	☼	11/18/11 10:00	11/21/11 12:36	1
Cadmium	0.36	B	0.22	0.029	mg/Kg	☼	11/18/11 10:00	11/21/11 12:36	1
Chromium	15		1.1	0.092	mg/Kg	☼	11/18/11 10:00	11/21/11 12:36	1
Lead	8.0		0.54	0.26	mg/Kg	☼	11/18/11 10:00	11/21/11 12:36	1
Selenium	<0.30		1.1	0.30	mg/Kg	☼	11/18/11 10:00	11/21/11 12:36	1
Silver	<0.068		0.54	0.068	mg/Kg	☼	11/18/11 10:00	11/21/11 12:36	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.017	J	0.018	0.0054	mg/Kg	☼	11/18/11 09:50	11/18/11 13:21	1

Client Sample ID: B-25 4-6'

Lab Sample ID: WUK0308-13

Date Collected: 11/08/11 14:05

Matrix: Solid/Soil

Date Received: 11/09/11 16:20

Percent Solids: 83.1

Method: SW 8260B - VOCs by SW8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:13	1.0
Bromobenzene	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:13	1.0
Bromochloromethane	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:13	1.0
Bromodichloromethane	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:13	1.0
Bromoform	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:13	1.0
Bromomethane	<120		300	120	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:13	1.0
n-Butylbenzene	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:13	1.0
sec-Butylbenzene	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:13	1.0
tert-Butylbenzene	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:13	1.0

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0308

Client Sample ID: B-25 4-6'

Lab Sample ID: WUK0308-13

Date Collected: 11/08/11 14:05

Matrix: Solid/Soil

Date Received: 11/09/11 16:20

Percent Solids: 83.1

Method: SW 8260B - VOCs by SW8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon Tetrachloride	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:13	1.0
Chlorobenzene	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:13	1.0
Chlorodibromomethane	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:13	1.0
Chloroethane	<60		120	60	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:13	1.0
Chloroform	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:13	1.0
Chloromethane	<60		120	60	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:13	1.0
2-Chlorotoluene	<60		120	60	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:13	1.0
4-Chlorotoluene	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:13	1.0
1,2-Dibromo-3-chloropropane	<60		120	60	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:13	1.0
1,2-Dibromoethane (EDB)	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:13	1.0
Dibromomethane	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:13	1.0
1,2-Dichlorobenzene	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:13	1.0
1,3-Dichlorobenzene	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:13	1.0
1,4-Dichlorobenzene	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:13	1.0
Dichlorodifluoromethane	<60		120	60	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:13	1.0
1,1-Dichloroethane	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:13	1.0
1,2-Dichloroethane	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:13	1.0
1,1-Dichloroethene	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:13	1.0
cis-1,2-Dichloroethene	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:13	1.0
trans-1,2-Dichloroethene	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:13	1.0
1,2-Dichloropropane	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:13	1.0
1,3-Dichloropropane	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:13	1.0
2,2-Dichloropropane	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:13	1.0
1,1-Dichloropropene	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:13	1.0
cis-1,3-Dichloropropene	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:13	1.0
trans-1,3-Dichloropropene	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:13	1.0
Isopropyl Ether	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:13	1.0
Ethylbenzene	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:13	1.0
Hexachlorobutadiene	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:13	1.0
Isopropylbenzene	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:13	1.0
p-Isopropyltoluene	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:13	1.0
Methylene Chloride	<60		120	60	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:13	1.0
Methyl tert-Butyl Ether	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:13	1.0
Naphthalene	<60		120	60	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:13	1.0
n-Propylbenzene	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:13	1.0
Styrene	<60		120	60	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:13	1.0
1,1,1,2-Tetrachloroethane	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:13	1.0
1,1,2,2-Tetrachloroethane	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:13	1.0
Tetrachloroethene	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:13	1.0
Toluene	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:13	1.0
1,2,3-Trichlorobenzene	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:13	1.0
1,2,4-Trichlorobenzene	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:13	1.0
1,1,1-Trichloroethane	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:13	1.0
1,1,2-Trichloroethane	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:13	1.0
Trichloroethene	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:13	1.0
Trichlorofluoromethane	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:13	1.0
1,2,3-Trichloropropane	<60		120	60	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:13	1.0
1,2,4-Trimethylbenzene	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:13	1.0
1,3,5-Trimethylbenzene	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:13	1.0
Vinyl chloride	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:13	1.0

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0308

Client Sample ID: B-25 4-6'

Lab Sample ID: WUK0308-13

Date Collected: 11/08/11 14:05

Matrix: Solid/Soil

Date Received: 11/09/11 16:20

Percent Solids: 83.1

Method: SW 8260B - VOCs by SW8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, total	<90		360	90	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:13	1.0
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Dibromofluoromethane	100		80 - 120				11/14/11 12:58	11/14/11 19:13	1.0
Toluene-d8	98		80 - 120				11/14/11 12:58	11/14/11 19:13	1.0
4-Bromofluorobenzene	99		80 - 120				11/14/11 12:58	11/14/11 19:13	1.0

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.043		0.19	0.043	mg/Kg	☼	11/17/11 18:45	11/22/11 01:28	1
1,2-Dichlorobenzene	<0.042		0.19	0.042	mg/Kg	☼	11/17/11 18:45	11/22/11 01:28	1
1,3-Dichlorobenzene	<0.040		0.19	0.040	mg/Kg	☼	11/17/11 18:45	11/22/11 01:28	1
1,4-Dichlorobenzene	<0.040		0.19	0.040	mg/Kg	☼	11/17/11 18:45	11/22/11 01:28	1
2,4,5-Trichlorophenol	<0.11		0.38	0.11	mg/Kg	☼	11/17/11 18:45	11/22/11 01:28	1
2,4,6-Trichlorophenol	<0.048		0.38	0.048	mg/Kg	☼	11/17/11 18:45	11/22/11 01:28	1
2,4-Dichlorophenol	<0.12		0.38	0.12	mg/Kg	☼	11/17/11 18:45	11/22/11 01:28	1
2,4-Dimethylphenol	<0.12		0.38	0.12	mg/Kg	☼	11/17/11 18:45	11/22/11 01:28	1
2,4-Dinitrophenol	<0.20		0.77	0.20	mg/Kg	☼	11/17/11 18:45	11/22/11 01:28	1
2,4-Dinitrotoluene	<0.059		0.19	0.059	mg/Kg	☼	11/17/11 18:45	11/22/11 01:28	1
2,6-Dinitrotoluene	<0.046		0.19	0.046	mg/Kg	☼	11/17/11 18:45	11/22/11 01:28	1
2-Chloronaphthalene	<0.043		0.19	0.043	mg/Kg	☼	11/17/11 18:45	11/22/11 01:28	1
2-Chlorophenol	<0.055		0.19	0.055	mg/Kg	☼	11/17/11 18:45	11/22/11 01:28	1
2-Methylnaphthalene	<0.050		0.19	0.050	mg/Kg	☼	11/17/11 18:45	11/22/11 01:28	1
2-Methylphenol	<0.051		0.19	0.051	mg/Kg	☼	11/17/11 18:45	11/22/11 01:28	1
2-Nitroaniline	<0.069		0.19	0.069	mg/Kg	☼	11/17/11 18:45	11/22/11 01:28	1
2-Nitrophenol	<0.060		0.38	0.060	mg/Kg	☼	11/17/11 18:45	11/22/11 01:28	1
3 & 4 Methylphenol	<0.073		0.19	0.073	mg/Kg	☼	11/17/11 18:45	11/22/11 01:28	1
3,3'-Dichlorobenzidine	<0.032		0.19	0.032	mg/Kg	☼	11/17/11 18:45	11/22/11 01:28	1
3-Nitroaniline	<0.074		0.38	0.074	mg/Kg	☼	11/17/11 18:45	11/22/11 01:28	1
4,6-Dinitro-2-methylphenol	<0.093		0.38	0.093	mg/Kg	☼	11/17/11 18:45	11/22/11 01:28	1
4-Bromophenyl phenyl ether	<0.043		0.19	0.043	mg/Kg	☼	11/17/11 18:45	11/22/11 01:28	1
4-Chloro-3-methylphenol	<0.18		0.38	0.18	mg/Kg	☼	11/17/11 18:45	11/22/11 01:28	1
4-Chloroaniline	<0.12		0.77	0.12	mg/Kg	☼	11/17/11 18:45	11/22/11 01:28	1
4-Chlorophenyl phenyl ether	<0.060		0.19	0.060	mg/Kg	☼	11/17/11 18:45	11/22/11 01:28	1
4-Nitroaniline	<0.079		0.38	0.079	mg/Kg	☼	11/17/11 18:45	11/22/11 01:28	1
4-Nitrophenol	<0.21		0.77	0.21	mg/Kg	☼	11/17/11 18:45	11/22/11 01:28	1
Acenaphthene	<0.011		0.038	0.011	mg/Kg	☼	11/17/11 18:45	11/22/11 01:28	1
Acenaphthylene	<0.0088		0.038	0.0088	mg/Kg	☼	11/17/11 18:45	11/22/11 01:28	1
Anthracene	<0.0090		0.038	0.0090	mg/Kg	☼	11/17/11 18:45	11/22/11 01:28	1
Benzo[a]anthracene	0.025	J	0.038	0.0080	mg/Kg	☼	11/17/11 18:45	11/22/11 01:28	1
Benzo[a]pyrene	0.031	J	0.038	0.0070	mg/Kg	☼	11/17/11 18:45	11/22/11 01:28	1
Benzo[b]fluoranthene	0.033	J	0.038	0.0075	mg/Kg	☼	11/17/11 18:45	11/22/11 01:28	1
Benzo[g,h,i]perylene	0.027	J	0.038	0.013	mg/Kg	☼	11/17/11 18:45	11/22/11 01:28	1
Benzo[k]fluoranthene	0.022	J	0.038	0.0092	mg/Kg	☼	11/17/11 18:45	11/22/11 01:28	1
bis (2-chloroisopropyl) ether	<0.043		0.19	0.043	mg/Kg	☼	11/17/11 18:45	11/22/11 01:28	1
Bis(2-chloroethoxy)methane	<0.042		0.19	0.042	mg/Kg	☼	11/17/11 18:45	11/22/11 01:28	1
Bis(2-chloroethyl)ether	<0.057		0.19	0.057	mg/Kg	☼	11/17/11 18:45	11/22/11 01:28	1
Bis(2-ethylhexyl) phthalate	<0.051		0.19	0.051	mg/Kg	☼	11/17/11 18:45	11/22/11 01:28	1
Butyl benzyl phthalate	<0.048		0.19	0.048	mg/Kg	☼	11/17/11 18:45	11/22/11 01:28	1
Carbazole	<0.054		0.19	0.054	mg/Kg	☼	11/17/11 18:45	11/22/11 01:28	1
Chrysene	0.035	J	0.038	0.0087	mg/Kg	☼	11/17/11 18:45	11/22/11 01:28	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0308

Client Sample ID: B-25 4-6'

Lab Sample ID: WUK0308-13

Date Collected: 11/08/11 14:05

Matrix: Solid/Soil

Date Received: 11/09/11 16:20

Percent Solids: 83.1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	0.013	J	0.038	0.011	mg/Kg	☼	11/17/11 18:45	11/22/11 01:28	1
Dibenzofuran	<0.046		0.19	0.046	mg/Kg	☼	11/17/11 18:45	11/22/11 01:28	1
Diethyl phthalate	<0.064		0.19	0.064	mg/Kg	☼	11/17/11 18:45	11/22/11 01:28	1
Dimethyl phthalate	<0.048		0.19	0.048	mg/Kg	☼	11/17/11 18:45	11/22/11 01:28	1
Di-n-butyl phthalate	<0.048		0.19	0.048	mg/Kg	☼	11/17/11 18:45	11/22/11 01:28	1
Di-n-octyl phthalate	<0.078		0.19	0.078	mg/Kg	☼	11/17/11 18:45	11/22/11 01:28	1
Fluoranthene	0.047		0.038	0.016	mg/Kg	☼	11/17/11 18:45	11/22/11 01:28	1
Fluorene	<0.0087		0.038	0.0087	mg/Kg	☼	11/17/11 18:45	11/22/11 01:28	1
Hexachlorobenzene	<0.0076		0.077	0.0076	mg/Kg	☼	11/17/11 18:45	11/22/11 01:28	1
Hexachlorobutadiene	<0.050		0.19	0.050	mg/Kg	☼	11/17/11 18:45	11/22/11 01:28	1
Hexachlorocyclopentadiene	<0.18		0.77	0.18	mg/Kg	☼	11/17/11 18:45	11/22/11 01:28	1
Hexachloroethane	<0.041		0.19	0.041	mg/Kg	☼	11/17/11 18:45	11/22/11 01:28	1
Indeno[1,2,3-cd]pyrene	0.022	J	0.038	0.013	mg/Kg	☼	11/17/11 18:45	11/22/11 01:28	1
Isophorone	<0.043		0.19	0.043	mg/Kg	☼	11/17/11 18:45	11/22/11 01:28	1
Naphthalene	<0.0074		0.038	0.0074	mg/Kg	☼	11/17/11 18:45	11/22/11 01:28	1
Nitrobenzene	<0.012		0.038	0.012	mg/Kg	☼	11/17/11 18:45	11/22/11 01:28	1
N-Nitrosodimethylamine	<0.42		0.77	0.42	mg/Kg	☼	11/17/11 18:45	11/22/11 01:28	1
N-Nitrosodi-n-propylamine	<0.049		0.19	0.049	mg/Kg	☼	11/17/11 18:45	11/22/11 01:28	1
Pentachlorophenol	<0.20		0.77	0.20	mg/Kg	☼	11/17/11 18:45	11/22/11 01:28	1
Phenanthrene	<0.016		0.038	0.016	mg/Kg	☼	11/17/11 18:45	11/22/11 01:28	1
Phenol	<0.061		0.19	0.061	mg/Kg	☼	11/17/11 18:45	11/22/11 01:28	1
Pyrene	0.034	J	0.038	0.014	mg/Kg	☼	11/17/11 18:45	11/22/11 01:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>2,4,6-Tribromophenol</i>	72		30 - 137				11/17/11 18:45	11/22/11 01:28	1
<i>2-Fluorobiphenyl</i>	71		27 - 113				11/17/11 18:45	11/22/11 01:28	1
<i>2-Fluorophenol</i>	60		30 - 110				11/17/11 18:45	11/22/11 01:28	1
<i>Nitrobenzene-d5</i>	75		22 - 110				11/17/11 18:45	11/22/11 01:28	1
<i>Phenol-d5</i>	70		26 - 112				11/17/11 18:45	11/22/11 01:28	1
<i>Terphenyl-d14</i>	64		33 - 129				11/17/11 18:45	11/22/11 01:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0072		0.020	0.0072	mg/Kg	☼	11/17/11 21:01	11/18/11 19:58	1
PCB-1221	<0.016		0.020	0.016	mg/Kg	☼	11/17/11 21:01	11/18/11 19:58	1
PCB-1232	<0.0078		0.020	0.0078	mg/Kg	☼	11/17/11 21:01	11/18/11 19:58	1
PCB-1242	<0.0096		0.020	0.0096	mg/Kg	☼	11/17/11 21:01	11/18/11 19:58	1
PCB-1248	<0.0073		0.020	0.0073	mg/Kg	☼	11/17/11 21:01	11/18/11 19:58	1
PCB-1254	<0.0058		0.020	0.0058	mg/Kg	☼	11/17/11 21:01	11/18/11 19:58	1
PCB-1260	<0.0047		0.020	0.0047	mg/Kg	☼	11/17/11 21:01	11/18/11 19:58	1
Polychlorinated biphenyls, Total	<0.0031		0.020	0.0031	mg/Kg	☼	11/17/11 21:01	11/18/11 19:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>Tetrachloro-m-xylene</i>	78		28 - 124				11/17/11 21:01	11/18/11 19:58	1
<i>DCB Decachlorobiphenyl</i>	104		38 - 130				11/17/11 21:01	11/18/11 19:58	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.2		1.1	0.15	mg/Kg	☼	11/18/11 10:00	11/21/11 12:41	1
Barium	51	B	1.1	0.060	mg/Kg	☼	11/18/11 10:00	11/21/11 12:41	1
Cadmium	0.33	B	0.21	0.029	mg/Kg	☼	11/18/11 10:00	11/21/11 12:41	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0308

Client Sample ID: B-25 4-6'

Lab Sample ID: WUK0308-13

Date Collected: 11/08/11 14:05

Matrix: Solid/Soil

Date Received: 11/09/11 16:20

Percent Solids: 83.1

Method: 6010B - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	18		1.1	0.090	mg/Kg	☼	11/18/11 10:00	11/21/11 12:41	1
Lead	12		0.53	0.26	mg/Kg	☼	11/18/11 10:00	11/21/11 12:41	1
Selenium	0.39	J B	1.1	0.30	mg/Kg	☼	11/18/11 10:00	11/21/11 12:41	1
Silver	<0.067		0.53	0.067	mg/Kg	☼	11/18/11 10:00	11/21/11 12:41	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.035		0.020	0.0061	mg/Kg	☼	11/18/11 09:50	11/18/11 13:22	1

Client Sample ID: B-25 8-10'

Lab Sample ID: WUK0308-14

Date Collected: 11/08/11 14:15

Matrix: Solid/Soil

Date Received: 11/09/11 16:20

Percent Solids: 84.3

Method: SW 8260B - VOCs by SW8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:40	1.0
Bromobenzene	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:40	1.0
Bromochloromethane	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:40	1.0
Bromodichloromethane	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:40	1.0
Bromoform	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:40	1.0
Bromomethane	<120		300	120	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:40	1.0
n-Butylbenzene	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:40	1.0
sec-Butylbenzene	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:40	1.0
tert-Butylbenzene	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:40	1.0
Carbon Tetrachloride	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:40	1.0
Chlorobenzene	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:40	1.0
Chlorodibromomethane	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:40	1.0
Chloroethane	<59		120	59	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:40	1.0
Chloroform	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:40	1.0
Chloromethane	<59		120	59	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:40	1.0
2-Chlorotoluene	<59		120	59	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:40	1.0
4-Chlorotoluene	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:40	1.0
1,2-Dibromo-3-chloropropane	<59		120	59	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:40	1.0
1,2-Dibromoethane (EDB)	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:40	1.0
Dibromomethane	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:40	1.0
1,2-Dichlorobenzene	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:40	1.0
1,3-Dichlorobenzene	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:40	1.0
1,4-Dichlorobenzene	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:40	1.0
Dichlorodifluoromethane	<59		120	59	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:40	1.0
1,1-Dichloroethane	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:40	1.0
1,2-Dichloroethane	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:40	1.0
1,1-Dichloroethene	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:40	1.0
cis-1,2-Dichloroethene	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:40	1.0
trans-1,2-Dichloroethene	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:40	1.0
1,2-Dichloropropane	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:40	1.0
1,3-Dichloropropane	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:40	1.0
2,2-Dichloropropane	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:40	1.0
1,1-Dichloropropene	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:40	1.0
cis-1,3-Dichloropropene	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:40	1.0
trans-1,3-Dichloropropene	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:40	1.0

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0308

Client Sample ID: B-25 8-10'

Lab Sample ID: WUK0308-14

Date Collected: 11/08/11 14:15

Matrix: Solid/Soil

Date Received: 11/09/11 16:20

Percent Solids: 84.3

Method: SW 8260B - VOCs by SW8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropyl Ether	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:40	1.0
Ethylbenzene	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:40	1.0
Hexachlorobutadiene	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:40	1.0
Isopropylbenzene	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:40	1.0
p-Isopropyltoluene	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:40	1.0
Methylene Chloride	<59		120	59	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:40	1.0
Methyl tert-Butyl Ether	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:40	1.0
Naphthalene	<59		120	59	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:40	1.0
n-Propylbenzene	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:40	1.0
Styrene	<59		120	59	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:40	1.0
1,1,1,2-Tetrachloroethane	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:40	1.0
1,1,2,2-Tetrachloroethane	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:40	1.0
Tetrachloroethene	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:40	1.0
Toluene	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:40	1.0
1,2,3-Trichlorobenzene	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:40	1.0
1,2,4-Trichlorobenzene	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:40	1.0
1,1,1-Trichloroethane	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:40	1.0
1,1,2-Trichloroethane	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:40	1.0
Trichloroethene	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:40	1.0
Trichlorofluoromethane	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:40	1.0
1,2,3-Trichloropropane	<59		120	59	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:40	1.0
1,2,4-Trimethylbenzene	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:40	1.0
1,3,5-Trimethylbenzene	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:40	1.0
Vinyl chloride	<30		120	30	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:40	1.0
Xylenes, total	<89		360	89	ug/kg dry	☼	11/14/11 12:58	11/14/11 19:40	1.0

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane	96		80 - 120	11/14/11 12:58	11/14/11 19:40	1.0
Toluene-d8	100		80 - 120	11/14/11 12:58	11/14/11 19:40	1.0
4-Bromofluorobenzene	99		80 - 120	11/14/11 12:58	11/14/11 19:40	1.0

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.043		0.19	0.043	mg/Kg	☼	11/17/11 18:45	11/22/11 01:50	1
1,2-Dichlorobenzene	<0.042		0.19	0.042	mg/Kg	☼	11/17/11 18:45	11/22/11 01:50	1
1,3-Dichlorobenzene	<0.040		0.19	0.040	mg/Kg	☼	11/17/11 18:45	11/22/11 01:50	1
1,4-Dichlorobenzene	<0.040		0.19	0.040	mg/Kg	☼	11/17/11 18:45	11/22/11 01:50	1
2,4,5-Trichlorophenol	<0.11		0.38	0.11	mg/Kg	☼	11/17/11 18:45	11/22/11 01:50	1
2,4,6-Trichlorophenol	<0.048		0.38	0.048	mg/Kg	☼	11/17/11 18:45	11/22/11 01:50	1
2,4-Dichlorophenol	<0.12		0.38	0.12	mg/Kg	☼	11/17/11 18:45	11/22/11 01:50	1
2,4-Dimethylphenol	<0.12		0.38	0.12	mg/Kg	☼	11/17/11 18:45	11/22/11 01:50	1
2,4-Dinitrophenol	<0.20		0.77	0.20	mg/Kg	☼	11/17/11 18:45	11/22/11 01:50	1
2,4-Dinitrotoluene	<0.059		0.19	0.059	mg/Kg	☼	11/17/11 18:45	11/22/11 01:50	1
2,6-Dinitrotoluene	<0.045		0.19	0.045	mg/Kg	☼	11/17/11 18:45	11/22/11 01:50	1
2-Chloronaphthalene	<0.043		0.19	0.043	mg/Kg	☼	11/17/11 18:45	11/22/11 01:50	1
2-Chlorophenol	<0.055		0.19	0.055	mg/Kg	☼	11/17/11 18:45	11/22/11 01:50	1
2-Methylnaphthalene	<0.050		0.19	0.050	mg/Kg	☼	11/17/11 18:45	11/22/11 01:50	1
2-Methylphenol	<0.051		0.19	0.051	mg/Kg	☼	11/17/11 18:45	11/22/11 01:50	1
2-Nitroaniline	<0.069		0.19	0.069	mg/Kg	☼	11/17/11 18:45	11/22/11 01:50	1
2-Nitrophenol	<0.060		0.38	0.060	mg/Kg	☼	11/17/11 18:45	11/22/11 01:50	1
3 & 4 Methylphenol	<0.072		0.19	0.072	mg/Kg	☼	11/17/11 18:45	11/22/11 01:50	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0308

Client Sample ID: B-25 8-10'

Lab Sample ID: WUK0308-14

Date Collected: 11/08/11 14:15

Matrix: Solid/Soil

Date Received: 11/09/11 16:20

Percent Solids: 84.3

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3,3'-Dichlorobenzidine	<0.032		0.19	0.032	mg/Kg	☼	11/17/11 18:45	11/22/11 01:50	1
3-Nitroaniline	<0.074		0.38	0.074	mg/Kg	☼	11/17/11 18:45	11/22/11 01:50	1
4,6-Dinitro-2-methylphenol	<0.093		0.38	0.093	mg/Kg	☼	11/17/11 18:45	11/22/11 01:50	1
4-Bromophenyl phenyl ether	<0.043		0.19	0.043	mg/Kg	☼	11/17/11 18:45	11/22/11 01:50	1
4-Chloro-3-methylphenol	<0.18		0.38	0.18	mg/Kg	☼	11/17/11 18:45	11/22/11 01:50	1
4-Chloroaniline	<0.12		0.77	0.12	mg/Kg	☼	11/17/11 18:45	11/22/11 01:50	1
4-Chlorophenyl phenyl ether	<0.060		0.19	0.060	mg/Kg	☼	11/17/11 18:45	11/22/11 01:50	1
4-Nitroaniline	<0.078		0.38	0.078	mg/Kg	☼	11/17/11 18:45	11/22/11 01:50	1
4-Nitrophenol	<0.21		0.77	0.21	mg/Kg	☼	11/17/11 18:45	11/22/11 01:50	1
Acenaphthene	0.020	J	0.038	0.011	mg/Kg	☼	11/17/11 18:45	11/22/11 01:50	1
Acenaphthylene	<0.0088		0.038	0.0088	mg/Kg	☼	11/17/11 18:45	11/22/11 01:50	1
Anthracene	0.027	J	0.038	0.0090	mg/Kg	☼	11/17/11 18:45	11/22/11 01:50	1
Benzo[a]anthracene	0.11		0.038	0.0080	mg/Kg	☼	11/17/11 18:45	11/22/11 01:50	1
Benzo[a]pyrene	0.14		0.038	0.0070	mg/Kg	☼	11/17/11 18:45	11/22/11 01:50	1
Benzo[b]fluoranthene	0.14		0.038	0.0074	mg/Kg	☼	11/17/11 18:45	11/22/11 01:50	1
Benzo[g,h,i]perylene	0.10		0.038	0.013	mg/Kg	☼	11/17/11 18:45	11/22/11 01:50	1
Benzo[k]fluoranthene	0.10		0.038	0.0091	mg/Kg	☼	11/17/11 18:45	11/22/11 01:50	1
bis (2-chloroisopropyl) ether	<0.042		0.19	0.042	mg/Kg	☼	11/17/11 18:45	11/22/11 01:50	1
Bis(2-chloroethoxy)methane	<0.042		0.19	0.042	mg/Kg	☼	11/17/11 18:45	11/22/11 01:50	1
Bis(2-chloroethyl)ether	<0.057		0.19	0.057	mg/Kg	☼	11/17/11 18:45	11/22/11 01:50	1
Bis(2-ethylhexyl) phthalate	<0.051		0.19	0.051	mg/Kg	☼	11/17/11 18:45	11/22/11 01:50	1
Butyl benzyl phthalate	<0.048		0.19	0.048	mg/Kg	☼	11/17/11 18:45	11/22/11 01:50	1
Carbazole	<0.054		0.19	0.054	mg/Kg	☼	11/17/11 18:45	11/22/11 01:50	1
Chrysene	0.13		0.038	0.0086	mg/Kg	☼	11/17/11 18:45	11/22/11 01:50	1
Dibenz(a,h)anthracene	0.024	J	0.038	0.011	mg/Kg	☼	11/17/11 18:45	11/22/11 01:50	1
Dibenzofuran	<0.046		0.19	0.046	mg/Kg	☼	11/17/11 18:45	11/22/11 01:50	1
Diethyl phthalate	<0.064		0.19	0.064	mg/Kg	☼	11/17/11 18:45	11/22/11 01:50	1
Dimethyl phthalate	<0.048		0.19	0.048	mg/Kg	☼	11/17/11 18:45	11/22/11 01:50	1
Di-n-butyl phthalate	<0.048		0.19	0.048	mg/Kg	☼	11/17/11 18:45	11/22/11 01:50	1
Di-n-octyl phthalate	<0.077		0.19	0.077	mg/Kg	☼	11/17/11 18:45	11/22/11 01:50	1
Fluoranthene	0.20		0.038	0.016	mg/Kg	☼	11/17/11 18:45	11/22/11 01:50	1
Fluorene	<0.0087		0.038	0.0087	mg/Kg	☼	11/17/11 18:45	11/22/11 01:50	1
Hexachlorobenzene	<0.0075		0.077	0.0075	mg/Kg	☼	11/17/11 18:45	11/22/11 01:50	1
Hexachlorobutadiene	<0.050		0.19	0.050	mg/Kg	☼	11/17/11 18:45	11/22/11 01:50	1
Hexachlorocyclopentadiene	<0.18		0.77	0.18	mg/Kg	☼	11/17/11 18:45	11/22/11 01:50	1
Hexachloroethane	<0.041		0.19	0.041	mg/Kg	☼	11/17/11 18:45	11/22/11 01:50	1
Indeno[1,2,3-cd]pyrene	0.089		0.038	0.013	mg/Kg	☼	11/17/11 18:45	11/22/11 01:50	1
Isophorone	<0.043		0.19	0.043	mg/Kg	☼	11/17/11 18:45	11/22/11 01:50	1
Naphthalene	0.017	J	0.038	0.0074	mg/Kg	☼	11/17/11 18:45	11/22/11 01:50	1
Nitrobenzene	<0.012		0.038	0.012	mg/Kg	☼	11/17/11 18:45	11/22/11 01:50	1
N-Nitrosodimethylamine	<0.42		0.77	0.42	mg/Kg	☼	11/17/11 18:45	11/22/11 01:50	1
N-Nitrosodi-n-propylamine	<0.049		0.19	0.049	mg/Kg	☼	11/17/11 18:45	11/22/11 01:50	1
Pentachlorophenol	<0.19		0.77	0.19	mg/Kg	☼	11/17/11 18:45	11/22/11 01:50	1
Phenanthrene	0.10		0.038	0.016	mg/Kg	☼	11/17/11 18:45	11/22/11 01:50	1
Phenol	<0.060		0.19	0.060	mg/Kg	☼	11/17/11 18:45	11/22/11 01:50	1
Pyrene	0.15		0.038	0.014	mg/Kg	☼	11/17/11 18:45	11/22/11 01:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	81		30 - 137				11/17/11 18:45	11/22/11 01:50	1
2-Fluorobiphenyl	76		27 - 113				11/17/11 18:45	11/22/11 01:50	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0308

Client Sample ID: B-25 8-10'

Lab Sample ID: WUK0308-14

Date Collected: 11/08/11 14:15

Matrix: Solid/Soil

Date Received: 11/09/11 16:20

Percent Solids: 84.3

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol	62		30 - 110	11/17/11 18:45	11/22/11 01:50	1
Nitrobenzene-d5	80		22 - 110	11/17/11 18:45	11/22/11 01:50	1
Phenol-d5	71		26 - 112	11/17/11 18:45	11/22/11 01:50	1
Terphenyl-d14	68		33 - 129	11/17/11 18:45	11/22/11 01:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0068		0.019	0.0068	mg/Kg	☼	11/17/11 21:01	11/18/11 20:12	1
PCB-1221	<0.015		0.019	0.015	mg/Kg	☼	11/17/11 21:01	11/18/11 20:12	1
PCB-1232	<0.0073		0.019	0.0073	mg/Kg	☼	11/17/11 21:01	11/18/11 20:12	1
PCB-1242	<0.0090		0.019	0.0090	mg/Kg	☼	11/17/11 21:01	11/18/11 20:12	1
PCB-1248	<0.0069		0.019	0.0069	mg/Kg	☼	11/17/11 21:01	11/18/11 20:12	1
PCB-1254	<0.0054		0.019	0.0054	mg/Kg	☼	11/17/11 21:01	11/18/11 20:12	1
PCB-1260	<0.0044		0.019	0.0044	mg/Kg	☼	11/17/11 21:01	11/18/11 20:12	1
Polychlorinated biphenyls, Total	<0.0029		0.019	0.0029	mg/Kg	☼	11/17/11 21:01	11/18/11 20:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	80		28 - 124	11/17/11 21:01	11/18/11 20:12	1
DCB Decachlorobiphenyl	99		38 - 130	11/17/11 21:01	11/18/11 20:12	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.0		1.1	0.16	mg/Kg	☼	11/18/11 10:00	11/21/11 12:54	1
Barium	65	B	1.1	0.064	mg/Kg	☼	11/18/11 10:00	11/21/11 12:54	1
Cadmium	0.36	B	0.23	0.031	mg/Kg	☼	11/18/11 10:00	11/21/11 12:54	1
Chromium	22		1.1	0.097	mg/Kg	☼	11/18/11 10:00	11/21/11 12:54	1
Lead	32		0.57	0.27	mg/Kg	☼	11/18/11 10:00	11/21/11 12:54	1
Selenium	0.61	J B	1.1	0.32	mg/Kg	☼	11/18/11 10:00	11/21/11 12:54	1
Silver	<0.072		0.57	0.072	mg/Kg	☼	11/18/11 10:00	11/21/11 12:54	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.040		0.020	0.0060	mg/Kg	☼	11/18/11 09:50	11/18/11 13:24	1

Client Sample ID: B-26 0-2'

Lab Sample ID: WUK0308-15

Date Collected: 11/08/11 14:40

Matrix: Solid/Soil

Date Received: 11/09/11 16:20

Percent Solids: 85.9

Method: SW 8260B - VOCs by SW8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<29		120	29	ug/kg dry	☼	11/14/11 12:58	11/14/11 20:07	1.0
Bromobenzene	<29		120	29	ug/kg dry	☼	11/14/11 12:58	11/14/11 20:07	1.0
Bromochloromethane	<29		120	29	ug/kg dry	☼	11/14/11 12:58	11/14/11 20:07	1.0
Bromodichloromethane	<29		120	29	ug/kg dry	☼	11/14/11 12:58	11/14/11 20:07	1.0
Bromoform	<29		120	29	ug/kg dry	☼	11/14/11 12:58	11/14/11 20:07	1.0
Bromomethane	<120		290	120	ug/kg dry	☼	11/14/11 12:58	11/14/11 20:07	1.0
n-Butylbenzene	<29		120	29	ug/kg dry	☼	11/14/11 12:58	11/14/11 20:07	1.0
sec-Butylbenzene	<29		120	29	ug/kg dry	☼	11/14/11 12:58	11/14/11 20:07	1.0
tert-Butylbenzene	<29		120	29	ug/kg dry	☼	11/14/11 12:58	11/14/11 20:07	1.0
Carbon Tetrachloride	<29		120	29	ug/kg dry	☼	11/14/11 12:58	11/14/11 20:07	1.0

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0308

Client Sample ID: B-26 0-2'

Lab Sample ID: WUK0308-15

Date Collected: 11/08/11 14:40

Matrix: Solid/Soil

Date Received: 11/09/11 16:20

Percent Solids: 85.9

Method: SW 8260B - VOCs by SW8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	<29		120	29	ug/kg dry	☼	11/14/11 12:58	11/14/11 20:07	1.0
Chlorodibromomethane	<29		120	29	ug/kg dry	☼	11/14/11 12:58	11/14/11 20:07	1.0
Chloroethane	<58		120	58	ug/kg dry	☼	11/14/11 12:58	11/14/11 20:07	1.0
Chloroform	<29		120	29	ug/kg dry	☼	11/14/11 12:58	11/14/11 20:07	1.0
Chloromethane	<58		120	58	ug/kg dry	☼	11/14/11 12:58	11/14/11 20:07	1.0
2-Chlorotoluene	<58		120	58	ug/kg dry	☼	11/14/11 12:58	11/14/11 20:07	1.0
4-Chlorotoluene	<29		120	29	ug/kg dry	☼	11/14/11 12:58	11/14/11 20:07	1.0
1,2-Dibromo-3-chloropropane	<58		120	58	ug/kg dry	☼	11/14/11 12:58	11/14/11 20:07	1.0
1,2-Dibromoethane (EDB)	<29		120	29	ug/kg dry	☼	11/14/11 12:58	11/14/11 20:07	1.0
Dibromomethane	<29		120	29	ug/kg dry	☼	11/14/11 12:58	11/14/11 20:07	1.0
1,2-Dichlorobenzene	<29		120	29	ug/kg dry	☼	11/14/11 12:58	11/14/11 20:07	1.0
1,3-Dichlorobenzene	<29		120	29	ug/kg dry	☼	11/14/11 12:58	11/14/11 20:07	1.0
1,4-Dichlorobenzene	<29		120	29	ug/kg dry	☼	11/14/11 12:58	11/14/11 20:07	1.0
Dichlorodifluoromethane	<58		120	58	ug/kg dry	☼	11/14/11 12:58	11/14/11 20:07	1.0
1,1-Dichloroethane	<29		120	29	ug/kg dry	☼	11/14/11 12:58	11/14/11 20:07	1.0
1,2-Dichloroethane	<29		120	29	ug/kg dry	☼	11/14/11 12:58	11/14/11 20:07	1.0
1,1-Dichloroethene	<29		120	29	ug/kg dry	☼	11/14/11 12:58	11/14/11 20:07	1.0
cis-1,2-Dichloroethene	<29		120	29	ug/kg dry	☼	11/14/11 12:58	11/14/11 20:07	1.0
trans-1,2-Dichloroethene	<29		120	29	ug/kg dry	☼	11/14/11 12:58	11/14/11 20:07	1.0
1,2-Dichloropropane	<29		120	29	ug/kg dry	☼	11/14/11 12:58	11/14/11 20:07	1.0
1,3-Dichloropropane	<29		120	29	ug/kg dry	☼	11/14/11 12:58	11/14/11 20:07	1.0
2,2-Dichloropropane	<29		120	29	ug/kg dry	☼	11/14/11 12:58	11/14/11 20:07	1.0
1,1-Dichloropropene	<29		120	29	ug/kg dry	☼	11/14/11 12:58	11/14/11 20:07	1.0
cis-1,3-Dichloropropene	<29		120	29	ug/kg dry	☼	11/14/11 12:58	11/14/11 20:07	1.0
trans-1,3-Dichloropropene	<29		120	29	ug/kg dry	☼	11/14/11 12:58	11/14/11 20:07	1.0
Isopropyl Ether	<29		120	29	ug/kg dry	☼	11/14/11 12:58	11/14/11 20:07	1.0
Ethylbenzene	<29		120	29	ug/kg dry	☼	11/14/11 12:58	11/14/11 20:07	1.0
Hexachlorobutadiene	<29		120	29	ug/kg dry	☼	11/14/11 12:58	11/14/11 20:07	1.0
Isopropylbenzene	<29		120	29	ug/kg dry	☼	11/14/11 12:58	11/14/11 20:07	1.0
p-Isopropyltoluene	<29		120	29	ug/kg dry	☼	11/14/11 12:58	11/14/11 20:07	1.0
Methylene Chloride	<58		120	58	ug/kg dry	☼	11/14/11 12:58	11/14/11 20:07	1.0
Methyl tert-Butyl Ether	<29		120	29	ug/kg dry	☼	11/14/11 12:58	11/14/11 20:07	1.0
Naphthalene	<58		120	58	ug/kg dry	☼	11/14/11 12:58	11/14/11 20:07	1.0
n-Propylbenzene	<29		120	29	ug/kg dry	☼	11/14/11 12:58	11/14/11 20:07	1.0
Styrene	<58		120	58	ug/kg dry	☼	11/14/11 12:58	11/14/11 20:07	1.0
1,1,1,2-Tetrachloroethane	<29		120	29	ug/kg dry	☼	11/14/11 12:58	11/14/11 20:07	1.0
1,1,2,2-Tetrachloroethane	<29		120	29	ug/kg dry	☼	11/14/11 12:58	11/14/11 20:07	1.0
Tetrachloroethene	<29		120	29	ug/kg dry	☼	11/14/11 12:58	11/14/11 20:07	1.0
Toluene	<29		120	29	ug/kg dry	☼	11/14/11 12:58	11/14/11 20:07	1.0
1,2,3-Trichlorobenzene	<29		120	29	ug/kg dry	☼	11/14/11 12:58	11/14/11 20:07	1.0
1,2,4-Trichlorobenzene	<29		120	29	ug/kg dry	☼	11/14/11 12:58	11/14/11 20:07	1.0
1,1,1-Trichloroethane	<29		120	29	ug/kg dry	☼	11/14/11 12:58	11/14/11 20:07	1.0
1,1,2-Trichloroethane	<29		120	29	ug/kg dry	☼	11/14/11 12:58	11/14/11 20:07	1.0
Trichloroethene	<29		120	29	ug/kg dry	☼	11/14/11 12:58	11/14/11 20:07	1.0
Trichlorofluoromethane	<29		120	29	ug/kg dry	☼	11/14/11 12:58	11/14/11 20:07	1.0
1,2,3-Trichloropropane	<58		120	58	ug/kg dry	☼	11/14/11 12:58	11/14/11 20:07	1.0
1,2,4-Trimethylbenzene	<29		120	29	ug/kg dry	☼	11/14/11 12:58	11/14/11 20:07	1.0
1,3,5-Trimethylbenzene	<29		120	29	ug/kg dry	☼	11/14/11 12:58	11/14/11 20:07	1.0
Vinyl chloride	<29		120	29	ug/kg dry	☼	11/14/11 12:58	11/14/11 20:07	1.0
Xylenes, total	<87		350	87	ug/kg dry	☼	11/14/11 12:58	11/14/11 20:07	1.0

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0308

Client Sample ID: B-26 0-2'

Lab Sample ID: WUK0308-15

Date Collected: 11/08/11 14:40

Matrix: Solid/Soil

Date Received: 11/09/11 16:20

Percent Solids: 85.9

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane	97		80 - 120	11/14/11 12:58	11/14/11 20:07	1.0
Toluene-d8	99		80 - 120	11/14/11 12:58	11/14/11 20:07	1.0
4-Bromofluorobenzene	99		80 - 120	11/14/11 12:58	11/14/11 20:07	1.0

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.041		0.18	0.041	mg/Kg	☼	11/17/11 18:45	11/22/11 02:11	1
1,2-Dichlorobenzene	<0.040		0.18	0.040	mg/Kg	☼	11/17/11 18:45	11/22/11 02:11	1
1,3-Dichlorobenzene	<0.038		0.18	0.038	mg/Kg	☼	11/17/11 18:45	11/22/11 02:11	1
1,4-Dichlorobenzene	<0.038		0.18	0.038	mg/Kg	☼	11/17/11 18:45	11/22/11 02:11	1
2,4,5-Trichlorophenol	<0.10		0.36	0.10	mg/Kg	☼	11/17/11 18:45	11/22/11 02:11	1
2,4,6-Trichlorophenol	<0.046		0.36	0.046	mg/Kg	☼	11/17/11 18:45	11/22/11 02:11	1
2,4-Dichlorophenol	<0.11		0.36	0.11	mg/Kg	☼	11/17/11 18:45	11/22/11 02:11	1
2,4-Dimethylphenol	<0.11		0.36	0.11	mg/Kg	☼	11/17/11 18:45	11/22/11 02:11	1
2,4-Dinitrophenol	<0.19		0.73	0.19	mg/Kg	☼	11/17/11 18:45	11/22/11 02:11	1
2,4-Dinitrotoluene	<0.056		0.18	0.056	mg/Kg	☼	11/17/11 18:45	11/22/11 02:11	1
2,6-Dinitrotoluene	<0.043		0.18	0.043	mg/Kg	☼	11/17/11 18:45	11/22/11 02:11	1
2-Chloronaphthalene	<0.041		0.18	0.041	mg/Kg	☼	11/17/11 18:45	11/22/11 02:11	1
2-Chlorophenol	<0.052		0.18	0.052	mg/Kg	☼	11/17/11 18:45	11/22/11 02:11	1
2-Methylnaphthalene	<0.047		0.18	0.047	mg/Kg	☼	11/17/11 18:45	11/22/11 02:11	1
2-Methylphenol	<0.048		0.18	0.048	mg/Kg	☼	11/17/11 18:45	11/22/11 02:11	1
2-Nitroaniline	<0.065		0.18	0.065	mg/Kg	☼	11/17/11 18:45	11/22/11 02:11	1
2-Nitrophenol	<0.057		0.36	0.057	mg/Kg	☼	11/17/11 18:45	11/22/11 02:11	1
3 & 4 Methylphenol	<0.069		0.18	0.069	mg/Kg	☼	11/17/11 18:45	11/22/11 02:11	1
3,3'-Dichlorobenzidine	<0.030		0.18	0.030	mg/Kg	☼	11/17/11 18:45	11/22/11 02:11	1
3-Nitroaniline	<0.070		0.36	0.070	mg/Kg	☼	11/17/11 18:45	11/22/11 02:11	1
4,6-Dinitro-2-methylphenol	<0.088		0.36	0.088	mg/Kg	☼	11/17/11 18:45	11/22/11 02:11	1
4-Bromophenyl phenyl ether	<0.041		0.18	0.041	mg/Kg	☼	11/17/11 18:45	11/22/11 02:11	1
4-Chloro-3-methylphenol	<0.17		0.36	0.17	mg/Kg	☼	11/17/11 18:45	11/22/11 02:11	1
4-Chloroaniline	<0.11		0.73	0.11	mg/Kg	☼	11/17/11 18:45	11/22/11 02:11	1
4-Chlorophenyl phenyl ether	<0.057		0.18	0.057	mg/Kg	☼	11/17/11 18:45	11/22/11 02:11	1
4-Nitroaniline	<0.075		0.36	0.075	mg/Kg	☼	11/17/11 18:45	11/22/11 02:11	1
4-Nitrophenol	<0.20		0.73	0.20	mg/Kg	☼	11/17/11 18:45	11/22/11 02:11	1
Acenaphthene	0.048		0.036	0.011	mg/Kg	☼	11/17/11 18:45	11/22/11 02:11	1
Acenaphthylene	0.088		0.036	0.0084	mg/Kg	☼	11/17/11 18:45	11/22/11 02:11	1
Anthracene	0.25		0.036	0.0086	mg/Kg	☼	11/17/11 18:45	11/22/11 02:11	1
Benzo[a]anthracene	1.8		0.036	0.0076	mg/Kg	☼	11/17/11 18:45	11/22/11 02:11	1
Benzo[a]pyrene	1.6		0.036	0.0066	mg/Kg	☼	11/17/11 18:45	11/22/11 02:11	1
Benzo[b]fluoranthene	1.8		0.036	0.0071	mg/Kg	☼	11/17/11 18:45	11/22/11 02:11	1
Benzo[g,h,i]perylene	1.4		0.036	0.012	mg/Kg	☼	11/17/11 18:45	11/22/11 02:11	1
Benzo[k]fluoranthene	1.3		0.036	0.0087	mg/Kg	☼	11/17/11 18:45	11/22/11 02:11	1
bis (2-chloroisopropyl) ether	<0.040		0.18	0.040	mg/Kg	☼	11/17/11 18:45	11/22/11 02:11	1
Bis(2-chloroethoxy)methane	<0.040		0.18	0.040	mg/Kg	☼	11/17/11 18:45	11/22/11 02:11	1
Bis(2-chloroethyl)ether	<0.054		0.18	0.054	mg/Kg	☼	11/17/11 18:45	11/22/11 02:11	1
Bis(2-ethylhexyl) phthalate	<0.048		0.18	0.048	mg/Kg	☼	11/17/11 18:45	11/22/11 02:11	1
Butyl benzyl phthalate	<0.046		0.18	0.046	mg/Kg	☼	11/17/11 18:45	11/22/11 02:11	1
Carbazole	0.090 J		0.18	0.051	mg/Kg	☼	11/17/11 18:45	11/22/11 02:11	1
Chrysene	2.1		0.036	0.0082	mg/Kg	☼	11/17/11 18:45	11/22/11 02:11	1
Dibenz(a,h)anthracene	0.62		0.036	0.010	mg/Kg	☼	11/17/11 18:45	11/22/11 02:11	1
Dibenzofuran	<0.044		0.18	0.044	mg/Kg	☼	11/17/11 18:45	11/22/11 02:11	1
Diethyl phthalate	<0.061		0.18	0.061	mg/Kg	☼	11/17/11 18:45	11/22/11 02:11	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0308

Client Sample ID: B-26 0-2'

Lab Sample ID: WUK0308-15

Date Collected: 11/08/11 14:40

Matrix: Solid/Soil

Date Received: 11/09/11 16:20

Percent Solids: 85.9

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dimethyl phthalate	<0.045		0.18	0.045	mg/Kg	☼	11/17/11 18:45	11/22/11 02:11	1
Di-n-butyl phthalate	<0.046		0.18	0.046	mg/Kg	☼	11/17/11 18:45	11/22/11 02:11	1
Di-n-octyl phthalate	<0.074		0.18	0.074	mg/Kg	☼	11/17/11 18:45	11/22/11 02:11	1
Fluoranthene	2.1		0.036	0.015	mg/Kg	☼	11/17/11 18:45	11/22/11 02:11	1
Fluorene	0.040		0.036	0.0083	mg/Kg	☼	11/17/11 18:45	11/22/11 02:11	1
Hexachlorobenzene	<0.0072		0.073	0.0072	mg/Kg	☼	11/17/11 18:45	11/22/11 02:11	1
Hexachlorobutadiene	<0.048		0.18	0.048	mg/Kg	☼	11/17/11 18:45	11/22/11 02:11	1
Hexachlorocyclopentadiene	<0.17		0.73	0.17	mg/Kg	☼	11/17/11 18:45	11/22/11 02:11	1
Hexachloroethane	<0.039		0.18	0.039	mg/Kg	☼	11/17/11 18:45	11/22/11 02:11	1
Indeno[1,2,3-cd]pyrene	1.3		0.036	0.012	mg/Kg	☼	11/17/11 18:45	11/22/11 02:11	1
Isophorone	<0.041		0.18	0.041	mg/Kg	☼	11/17/11 18:45	11/22/11 02:11	1
Naphthalene	0.073		0.036	0.0070	mg/Kg	☼	11/17/11 18:45	11/22/11 02:11	1
Nitrobenzene	<0.011		0.036	0.011	mg/Kg	☼	11/17/11 18:45	11/22/11 02:11	1
N-Nitrosodimethylamine	<0.40		0.73	0.40	mg/Kg	☼	11/17/11 18:45	11/22/11 02:11	1
N-Nitrosodi-n-propylamine	<0.046		0.18	0.046	mg/Kg	☼	11/17/11 18:45	11/22/11 02:11	1
Pentachlorophenol	<0.19		0.73	0.19	mg/Kg	☼	11/17/11 18:45	11/22/11 02:11	1
Phenanthrene	0.56		0.036	0.015	mg/Kg	☼	11/17/11 18:45	11/22/11 02:11	1
Phenol	<0.058		0.18	0.058	mg/Kg	☼	11/17/11 18:45	11/22/11 02:11	1
Pyrene	1.7		0.036	0.013	mg/Kg	☼	11/17/11 18:45	11/22/11 02:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	75		30 - 137	11/17/11 18:45	11/22/11 02:11	1
2-Fluorobiphenyl	81		27 - 113	11/17/11 18:45	11/22/11 02:11	1
2-Fluorophenol	64		30 - 110	11/17/11 18:45	11/22/11 02:11	1
Nitrobenzene-d5	86		22 - 110	11/17/11 18:45	11/22/11 02:11	1
Phenol-d5	75		26 - 112	11/17/11 18:45	11/22/11 02:11	1
Terphenyl-d14	84		33 - 129	11/17/11 18:45	11/22/11 02:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0067		0.019	0.0067	mg/Kg	☼	11/17/11 21:01	11/18/11 20:26	1
PCB-1221	<0.015		0.019	0.015	mg/Kg	☼	11/17/11 21:01	11/18/11 20:26	1
PCB-1232	<0.0073		0.019	0.0073	mg/Kg	☼	11/17/11 21:01	11/18/11 20:26	1
PCB-1242	<0.0089		0.019	0.0089	mg/Kg	☼	11/17/11 21:01	11/18/11 20:26	1
PCB-1248	<0.0068		0.019	0.0068	mg/Kg	☼	11/17/11 21:01	11/18/11 20:26	1
PCB-1254	0.20		0.019	0.0054	mg/Kg	☼	11/17/11 21:01	11/18/11 20:26	1
PCB-1260	<0.0044		0.019	0.0044	mg/Kg	☼	11/17/11 21:01	11/18/11 20:26	1
Polychlorinated biphenyls, Total	0.20		0.019	0.0029	mg/Kg	☼	11/17/11 21:01	11/18/11 20:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	81		28 - 124	11/17/11 21:01	11/18/11 20:26	1
DCB Decachlorobiphenyl	98		38 - 130	11/17/11 21:01	11/18/11 20:26	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.4		0.98	0.14	mg/Kg	☼	11/18/11 10:00	11/21/11 12:59	1
Barium	46	B	0.98	0.055	mg/Kg	☼	11/18/11 10:00	11/21/11 12:59	1
Cadmium	0.30	B	0.20	0.027	mg/Kg	☼	11/18/11 10:00	11/21/11 12:59	1
Chromium	18		0.98	0.084	mg/Kg	☼	11/18/11 10:00	11/21/11 12:59	1
Lead	11		0.49	0.24	mg/Kg	☼	11/18/11 10:00	11/21/11 12:59	1
Selenium	<0.28		0.98	0.28	mg/Kg	☼	11/18/11 10:00	11/21/11 12:59	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0308

Client Sample ID: B-26 0-2'

Lab Sample ID: WUK0308-15

Date Collected: 11/08/11 14:40

Matrix: Solid/Soil

Date Received: 11/09/11 16:20

Percent Solids: 85.9

Method: 6010B - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.062		0.49	0.062	mg/Kg	☼	11/18/11 10:00	11/21/11 12:59	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.030		0.018	0.0056	mg/Kg	☼	11/18/11 09:50	11/18/11 13:26	1

Client Sample ID: Trip Blank(MeOH)

Lab Sample ID: WUK0308-16

Date Collected: 11/08/11 00:00

Matrix: Solid/Soil

Date Received: 11/09/11 16:20

Method: SW 8260B - VOCs by SW8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<25		100	25	ug/kg wet		11/14/11 12:58	11/14/11 20:34	1.0
Bromobenzene	<25		100	25	ug/kg wet		11/14/11 12:58	11/14/11 20:34	1.0
Bromochloromethane	<25		100	25	ug/kg wet		11/14/11 12:58	11/14/11 20:34	1.0
Bromodichloromethane	<25		100	25	ug/kg wet		11/14/11 12:58	11/14/11 20:34	1.0
Bromoform	<25		100	25	ug/kg wet		11/14/11 12:58	11/14/11 20:34	1.0
Bromomethane	<100		250	100	ug/kg wet		11/14/11 12:58	11/14/11 20:34	1.0
n-Butylbenzene	<25		100	25	ug/kg wet		11/14/11 12:58	11/14/11 20:34	1.0
sec-Butylbenzene	<25		100	25	ug/kg wet		11/14/11 12:58	11/14/11 20:34	1.0
tert-Butylbenzene	<25		100	25	ug/kg wet		11/14/11 12:58	11/14/11 20:34	1.0
Carbon Tetrachloride	<25		100	25	ug/kg wet		11/14/11 12:58	11/14/11 20:34	1.0
Chlorobenzene	<25		100	25	ug/kg wet		11/14/11 12:58	11/14/11 20:34	1.0
Chlorodibromomethane	<25		100	25	ug/kg wet		11/14/11 12:58	11/14/11 20:34	1.0
Chloroethane	<50		100	50	ug/kg wet		11/14/11 12:58	11/14/11 20:34	1.0
Chloroform	<25		100	25	ug/kg wet		11/14/11 12:58	11/14/11 20:34	1.0
Chloromethane	<50		100	50	ug/kg wet		11/14/11 12:58	11/14/11 20:34	1.0
2-Chlorotoluene	<50		100	50	ug/kg wet		11/14/11 12:58	11/14/11 20:34	1.0
4-Chlorotoluene	<25		100	25	ug/kg wet		11/14/11 12:58	11/14/11 20:34	1.0
1,2-Dibromo-3-chloropropane	<50		100	50	ug/kg wet		11/14/11 12:58	11/14/11 20:34	1.0
1,2-Dibromoethane (EDB)	<25		100	25	ug/kg wet		11/14/11 12:58	11/14/11 20:34	1.0
Dibromomethane	<25		100	25	ug/kg wet		11/14/11 12:58	11/14/11 20:34	1.0
1,2-Dichlorobenzene	<25		100	25	ug/kg wet		11/14/11 12:58	11/14/11 20:34	1.0
1,3-Dichlorobenzene	<25		100	25	ug/kg wet		11/14/11 12:58	11/14/11 20:34	1.0
1,4-Dichlorobenzene	<25		100	25	ug/kg wet		11/14/11 12:58	11/14/11 20:34	1.0
Dichlorodifluoromethane	<50		100	50	ug/kg wet		11/14/11 12:58	11/14/11 20:34	1.0
1,1-Dichloroethane	<25		100	25	ug/kg wet		11/14/11 12:58	11/14/11 20:34	1.0
1,2-Dichloroethane	<25		100	25	ug/kg wet		11/14/11 12:58	11/14/11 20:34	1.0
1,1-Dichloroethene	<25		100	25	ug/kg wet		11/14/11 12:58	11/14/11 20:34	1.0
cis-1,2-Dichloroethene	<25		100	25	ug/kg wet		11/14/11 12:58	11/14/11 20:34	1.0
trans-1,2-Dichloroethene	<25		100	25	ug/kg wet		11/14/11 12:58	11/14/11 20:34	1.0
1,2-Dichloropropane	<25		100	25	ug/kg wet		11/14/11 12:58	11/14/11 20:34	1.0
1,3-Dichloropropane	<25		100	25	ug/kg wet		11/14/11 12:58	11/14/11 20:34	1.0
2,2-Dichloropropane	<25		100	25	ug/kg wet		11/14/11 12:58	11/14/11 20:34	1.0
1,1-Dichloropropene	<25		100	25	ug/kg wet		11/14/11 12:58	11/14/11 20:34	1.0
cis-1,3-Dichloropropene	<25		100	25	ug/kg wet		11/14/11 12:58	11/14/11 20:34	1.0
trans-1,3-Dichloropropene	<25		100	25	ug/kg wet		11/14/11 12:58	11/14/11 20:34	1.0
Isopropyl Ether	<25		100	25	ug/kg wet		11/14/11 12:58	11/14/11 20:34	1.0
Ethylbenzene	<25		100	25	ug/kg wet		11/14/11 12:58	11/14/11 20:34	1.0
Hexachlorobutadiene	<25		100	25	ug/kg wet		11/14/11 12:58	11/14/11 20:34	1.0

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0308

Client Sample ID: Trip Blank(MeOH)

Lab Sample ID: WUK0308-16

Date Collected: 11/08/11 00:00

Matrix: Solid/Soil

Date Received: 11/09/11 16:20

Method: SW 8260B - VOCs by SW8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	<25		100	25	ug/kg wet		11/14/11 12:58	11/14/11 20:34	1.0
p-Isopropyltoluene	<25		100	25	ug/kg wet		11/14/11 12:58	11/14/11 20:34	1.0
Methylene Chloride	<50		100	50	ug/kg wet		11/14/11 12:58	11/14/11 20:34	1.0
Methyl tert-Butyl Ether	<25		100	25	ug/kg wet		11/14/11 12:58	11/14/11 20:34	1.0
Naphthalene	<50		100	50	ug/kg wet		11/14/11 12:58	11/14/11 20:34	1.0
n-Propylbenzene	<25		100	25	ug/kg wet		11/14/11 12:58	11/14/11 20:34	1.0
Styrene	<50		100	50	ug/kg wet		11/14/11 12:58	11/14/11 20:34	1.0
1,1,1,2-Tetrachloroethane	<25		100	25	ug/kg wet		11/14/11 12:58	11/14/11 20:34	1.0
1,1,1,2,2-Tetrachloroethane	<25		100	25	ug/kg wet		11/14/11 12:58	11/14/11 20:34	1.0
Tetrachloroethene	<25		100	25	ug/kg wet		11/14/11 12:58	11/14/11 20:34	1.0
Toluene	<25		100	25	ug/kg wet		11/14/11 12:58	11/14/11 20:34	1.0
1,2,3-Trichlorobenzene	<25		100	25	ug/kg wet		11/14/11 12:58	11/14/11 20:34	1.0
1,2,4-Trichlorobenzene	<25		100	25	ug/kg wet		11/14/11 12:58	11/14/11 20:34	1.0
1,1,1-Trichloroethane	<25		100	25	ug/kg wet		11/14/11 12:58	11/14/11 20:34	1.0
1,1,2-Trichloroethane	<25		100	25	ug/kg wet		11/14/11 12:58	11/14/11 20:34	1.0
Trichloroethene	<25		100	25	ug/kg wet		11/14/11 12:58	11/14/11 20:34	1.0
Trichlorofluoromethane	<25		100	25	ug/kg wet		11/14/11 12:58	11/14/11 20:34	1.0
1,2,3-Trichloropropane	<50		100	50	ug/kg wet		11/14/11 12:58	11/14/11 20:34	1.0
1,2,4-Trimethylbenzene	<25		100	25	ug/kg wet		11/14/11 12:58	11/14/11 20:34	1.0
1,3,5-Trimethylbenzene	<25		100	25	ug/kg wet		11/14/11 12:58	11/14/11 20:34	1.0
Vinyl chloride	<25		100	25	ug/kg wet		11/14/11 12:58	11/14/11 20:34	1.0
Xylenes, total	<75		300	75	ug/kg wet		11/14/11 12:58	11/14/11 20:34	1.0

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane	97		80 - 120	11/14/11 12:58	11/14/11 20:34	1.0
Toluene-d8	100		80 - 120	11/14/11 12:58	11/14/11 20:34	1.0
4-Bromofluorobenzene	98		80 - 120	11/14/11 12:58	11/14/11 20:34	1.0

Surrogate Summary

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0308

Method: SW 8260B - VOCs by SW8260B

Matrix: Solid/Soil

Prep Type: Total

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		DBFM (80-120)	TOL (80-120)	BFB (80-120)
11K0131-BLK1	Method Blank	100	100	100
11K0131-BS1	Lab Control Sample	97	102	100
11K0156-BLK1	Method Blank	101	99	100
11K0156-BS1	Lab Control Sample	101	100	98
11K0210-BLK1	Method Blank	97	99	98
11K0210-BS1	Lab Control Sample	99	99	98
WUK0308-01	B-21 0-2'	98	98	99
WUK0308-02	B-21 4-6'	98	99	100
WUK0308-03	B-21 8-10'	97	99	99
WUK0308-04	B-22 0-2'	98	99	98
WUK0308-05	B-22 4-6'	97	99	98
WUK0308-06 - RE2	B-22 8-10'	98	98	98
WUK0308-07	B-05-11 0-2'	96	99	98
WUK0308-08	B-23 0-2'	99	98	99
WUK0308-09	B-23 4-6'	99	99	99
WUK0308-10	B-23 8-10'	98	98	98
WUK0308-11	B-24 0-2'	99	98	99
WUK0308-12	B-25 0-2'	98	99	98
WUK0308-13	B-25 4-6'	100	98	99
WUK0308-14	B-25 8-10'	96	100	99
WUK0308-15	B-26 0-2'	97	99	99
WUK0308-16	Trip Blank(MeOH)	97	100	98

Surrogate Legend

DBFM = Dibromofluoromethane
TOL = Toluene-d8
BFB = 4-Bromofluorobenzene

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (30-137)	FBP (27-113)	2FP (30-110)	NBZ (22-110)	PHL (26-112)	TPH (33-129)
500-42012-1 MS	WUK0308-01	76	80	67	83	72	77
500-42012-1 MSD	WUK0308-01	86	78	67	82	74	70

Surrogate Legend

TBP = 2,4,6-Tribromophenol
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol
NBZ = Nitrobenzene-d5
PHL = Phenol-d5
TPH = Terphenyl-d14

Surrogate Summary

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0308

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid/Soil

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (30-137)	FBP (27-113)	2FP (30-110)	NBZ (22-110)	PHL (26-112)	TPH (33-129)
WUK0308-01	B-21 0-2'	83	79	66	87	79	69
WUK0308-02	B-21 4-6'	78	75	61	78	70	86
WUK0308-02 - DL	B-21 4-6'	90	96	69	91	78	88
WUK0308-03	B-21 8-10'	93	86	69	90	83	75
WUK0308-04	B-22 0-2'	71	75	63	80	73	68
WUK0308-05	B-22 4-6'	68	90	67	83	72	86
WUK0308-06	B-22 8-10'	90	87	71	86	52	69
WUK0308-06 - DL2	B-22 8-10'	0 D	0 D	0 D	0 D	0 D	0 D
WUK0308-06 - DL	B-22 8-10'	0 D	0 D	0 D	0 D	0 D	0 D
WUK0308-07	B-05-11 0-2'	58	86	71	92	79	74
WUK0308-08	B-23 0-2'	91	90	79	102	85	81
WUK0308-09	B-23 4-6'	89	84	73	91	78	77
WUK0308-10	B-23 8-10'	59	84	71	95	81	96
WUK0308-10 - DL	B-23 8-10'	65	124 X	95	120 X	111	119
WUK0308-11	B-24 0-2'	69	77	66	80	69	74
WUK0308-12	B-25 0-2'	69	82	66	92	79	72
WUK0308-13	B-25 4-6'	72	71	60	75	70	64
WUK0308-14	B-25 8-10'	81	76	62	80	71	68
WUK0308-15	B-26 0-2'	75	81	64	86	75	84

Surrogate Legend

TBP = 2,4,6-Tribromophenol
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol
NBZ = Nitrobenzene-d5
PHL = Phenol-d5
TPH = Terphenyl-d14

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		TCX1 (28-124)	DCB1 (38-130)
500-42012-3 MS	WUK0308-03	80	91
500-42012-3 MSD	WUK0308-03	86	95
LCS 500-133127/2-A	Lab Control Sample	77	108
MB 500-133127/1-A	Method Blank	85	100

Surrogate Legend

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

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

Matrix: Solid/Soil

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		TCX1 (28-124)	DCB1 (38-130)
WUK0308-01	B-21 0-2'	82	91
WUK0308-02	B-21 4-6'	71	87

Surrogate Summary

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0308

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

Matrix: Solid/Soil

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TCX1 (28-124)	DCB1 (38-130)
WUK0308-03	B-21 8-10'	75	89
WUK0308-04	B-22 0-2'	87	100
WUK0308-05	B-22 4-6'	64	74
WUK0308-06	B-22 8-10'	66	85
WUK0308-07	B-05-11 0-2'	87	103
WUK0308-08	B-23 0-2'	89	101
WUK0308-09	B-23 4-6'	89	104
WUK0308-10	B-23 8-10'	75	104
WUK0308-11	B-24 0-2'	79	103
WUK0308-12	B-25 0-2'	83	96
WUK0308-13	B-25 4-6'	78	104
WUK0308-14	B-25 8-10'	80	99
WUK0308-15	B-26 0-2'	81	98

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCB = DCB Decachlorobiphenyl

QC Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0308

Method: SW 8260B - VOCs by SW8260B

Lab Sample ID: 11K0131-BLK1

Matrix: Solid/Soil

Analysis Batch: U001375

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 11K0131_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<25		100	25	ug/kg wet		11/11/11 08:34	11/11/11 11:06	1.00
Bromobenzene	<25		100	25	ug/kg wet		11/11/11 08:34	11/11/11 11:06	1.00
Bromochloromethane	<25		100	25	ug/kg wet		11/11/11 08:34	11/11/11 11:06	1.00
Bromodichloromethane	<25		100	25	ug/kg wet		11/11/11 08:34	11/11/11 11:06	1.00
Bromoform	<25		100	25	ug/kg wet		11/11/11 08:34	11/11/11 11:06	1.00
Bromomethane	<100		250	100	ug/kg wet		11/11/11 08:34	11/11/11 11:06	1.00
n-Butylbenzene	<25		100	25	ug/kg wet		11/11/11 08:34	11/11/11 11:06	1.00
sec-Butylbenzene	<25		100	25	ug/kg wet		11/11/11 08:34	11/11/11 11:06	1.00
tert-Butylbenzene	<25		100	25	ug/kg wet		11/11/11 08:34	11/11/11 11:06	1.00
Carbon Tetrachloride	<25		100	25	ug/kg wet		11/11/11 08:34	11/11/11 11:06	1.00
Chlorobenzene	<25		100	25	ug/kg wet		11/11/11 08:34	11/11/11 11:06	1.00
Chlorodibromomethane	<25		100	25	ug/kg wet		11/11/11 08:34	11/11/11 11:06	1.00
Chloroethane	<50		100	50	ug/kg wet		11/11/11 08:34	11/11/11 11:06	1.00
Chloroform	<25		100	25	ug/kg wet		11/11/11 08:34	11/11/11 11:06	1.00
Chloromethane	<50		100	50	ug/kg wet		11/11/11 08:34	11/11/11 11:06	1.00
2-Chlorotoluene	<50		100	50	ug/kg wet		11/11/11 08:34	11/11/11 11:06	1.00
4-Chlorotoluene	<25		100	25	ug/kg wet		11/11/11 08:34	11/11/11 11:06	1.00
1,2-Dibromo-3-chloropropane	<50		100	50	ug/kg wet		11/11/11 08:34	11/11/11 11:06	1.00
1,2-Dibromoethane (EDB)	<25		100	25	ug/kg wet		11/11/11 08:34	11/11/11 11:06	1.00
Dibromomethane	<25		100	25	ug/kg wet		11/11/11 08:34	11/11/11 11:06	1.00
1,2-Dichlorobenzene	<25		100	25	ug/kg wet		11/11/11 08:34	11/11/11 11:06	1.00
1,3-Dichlorobenzene	<25		100	25	ug/kg wet		11/11/11 08:34	11/11/11 11:06	1.00
1,4-Dichlorobenzene	<25		100	25	ug/kg wet		11/11/11 08:34	11/11/11 11:06	1.00
Dichlorodifluoromethane	<50		100	50	ug/kg wet		11/11/11 08:34	11/11/11 11:06	1.00
1,1-Dichloroethane	<25		100	25	ug/kg wet		11/11/11 08:34	11/11/11 11:06	1.00
1,2-Dichloroethane	<25		100	25	ug/kg wet		11/11/11 08:34	11/11/11 11:06	1.00
1,1-Dichloroethene	<25		100	25	ug/kg wet		11/11/11 08:34	11/11/11 11:06	1.00
cis-1,2-Dichloroethene	<25		100	25	ug/kg wet		11/11/11 08:34	11/11/11 11:06	1.00
trans-1,2-Dichloroethene	<25		100	25	ug/kg wet		11/11/11 08:34	11/11/11 11:06	1.00
1,2-Dichloropropane	<25		100	25	ug/kg wet		11/11/11 08:34	11/11/11 11:06	1.00
1,3-Dichloropropane	<25		100	25	ug/kg wet		11/11/11 08:34	11/11/11 11:06	1.00
2,2-Dichloropropane	<25		100	25	ug/kg wet		11/11/11 08:34	11/11/11 11:06	1.00
1,1-Dichloropropene	<25		100	25	ug/kg wet		11/11/11 08:34	11/11/11 11:06	1.00
cis-1,3-Dichloropropene	<25		100	25	ug/kg wet		11/11/11 08:34	11/11/11 11:06	1.00
trans-1,3-Dichloropropene	<25		100	25	ug/kg wet		11/11/11 08:34	11/11/11 11:06	1.00
Isopropyl Ether	<25		100	25	ug/kg wet		11/11/11 08:34	11/11/11 11:06	1.00
Ethylbenzene	<25		100	25	ug/kg wet		11/11/11 08:34	11/11/11 11:06	1.00
Hexachlorobutadiene	<25		100	25	ug/kg wet		11/11/11 08:34	11/11/11 11:06	1.00
Isopropylbenzene	<25		100	25	ug/kg wet		11/11/11 08:34	11/11/11 11:06	1.00
p-Isopropyltoluene	<25		100	25	ug/kg wet		11/11/11 08:34	11/11/11 11:06	1.00
Methylene Chloride	<50		100	50	ug/kg wet		11/11/11 08:34	11/11/11 11:06	1.00
Methyl tert-Butyl Ether	<25		100	25	ug/kg wet		11/11/11 08:34	11/11/11 11:06	1.00
Naphthalene	<50		100	50	ug/kg wet		11/11/11 08:34	11/11/11 11:06	1.00
n-Propylbenzene	<25		100	25	ug/kg wet		11/11/11 08:34	11/11/11 11:06	1.00
Styrene	<50		100	50	ug/kg wet		11/11/11 08:34	11/11/11 11:06	1.00
1,1,1,2-Tetrachloroethane	<25		100	25	ug/kg wet		11/11/11 08:34	11/11/11 11:06	1.00
1,1,2,2-Tetrachloroethane	<25		100	25	ug/kg wet		11/11/11 08:34	11/11/11 11:06	1.00
Tetrachloroethene	<25		100	25	ug/kg wet		11/11/11 08:34	11/11/11 11:06	1.00
Toluene	<25		100	25	ug/kg wet		11/11/11 08:34	11/11/11 11:06	1.00

QC Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0308

Method: SW 8260B - VOCs by SW8260B (Continued)

Lab Sample ID: 11K0131-BLK1

Matrix: Solid/Soil

Analysis Batch: U001375

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 11K0131_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<25		100	25	ug/kg wet		11/11/11 08:34	11/11/11 11:06	1.00
1,2,4-Trichlorobenzene	<25		100	25	ug/kg wet		11/11/11 08:34	11/11/11 11:06	1.00
1,1,1-Trichloroethane	<25		100	25	ug/kg wet		11/11/11 08:34	11/11/11 11:06	1.00
1,1,2-Trichloroethane	<25		100	25	ug/kg wet		11/11/11 08:34	11/11/11 11:06	1.00
Trichloroethene	<25		100	25	ug/kg wet		11/11/11 08:34	11/11/11 11:06	1.00
Trichlorofluoromethane	<25		100	25	ug/kg wet		11/11/11 08:34	11/11/11 11:06	1.00
1,2,3-Trichloropropane	<50		100	50	ug/kg wet		11/11/11 08:34	11/11/11 11:06	1.00
1,2,4-Trimethylbenzene	<25		100	25	ug/kg wet		11/11/11 08:34	11/11/11 11:06	1.00
1,3,5-Trimethylbenzene	<25		100	25	ug/kg wet		11/11/11 08:34	11/11/11 11:06	1.00
Vinyl chloride	<25		100	25	ug/kg wet		11/11/11 08:34	11/11/11 11:06	1.00
Xylenes, total	<75		300	75	ug/kg wet		11/11/11 08:34	11/11/11 11:06	1.00

Surrogate	Blank %Recovery	Blank Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane	100		80 - 120	11/11/11 08:34	11/11/11 11:06	1.00
Toluene-d8	100		80 - 120	11/11/11 08:34	11/11/11 11:06	1.00
4-Bromofluorobenzene	100		80 - 120	11/11/11 08:34	11/11/11 11:06	1.00

Lab Sample ID: 11K0131-BS1

Matrix: Solid/Soil

Analysis Batch: U001375

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 11K0131_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Benzene	2500.0	2380		ug/kg		95	80 - 120
Bromobenzene	2500.0	2290		ug/kg		92	80 - 120
Bromochloromethane	2500.0	2300		ug/kg		92	80 - 120
Bromodichloromethane	2500.0	2220		ug/kg		89	80 - 120
Bromoform	2500.0	2310		ug/kg		92	80 - 120
Bromomethane	2500.0	2030		ug/kg		81	60 - 140
n-Butylbenzene	2500.0	2510		ug/kg		100	80 - 120
sec-Butylbenzene	2500.0	2520		ug/kg		101	80 - 120
tert-Butylbenzene	2500.0	2500		ug/kg		100	80 - 120
Carbon Tetrachloride	2500.0	2420		ug/kg		97	60 - 140
Chlorobenzene	2500.0	2440		ug/kg		98	80 - 120
Chlorodibromomethane	2500.0	2300		ug/kg		92	80 - 120
Chloroethane	2500.0	1940		ug/kg		78	60 - 140
Chloroform	2500.0	2310		ug/kg		92	80 - 120
Chloromethane	2500.0	2240		ug/kg		90	60 - 140
2-Chlorotoluene	2500.0	2410		ug/kg		97	80 - 120
4-Chlorotoluene	2500.0	2430		ug/kg		97	80 - 120
1,2-Dibromo-3-chloropropane	2500.0	2100		ug/kg		84	60 - 140
1,2-Dibromoethane (EDB)	2500.0	2260		ug/kg		90	80 - 120
Dibromomethane	2500.0	2300		ug/kg		92	80 - 120
1,2-Dichlorobenzene	2500.0	2380		ug/kg		95	80 - 120
1,3-Dichlorobenzene	2500.0	2410		ug/kg		96	80 - 120
1,4-Dichlorobenzene	2500.0	2410		ug/kg		96	80 - 120
Dichlorodifluoromethane	2500.0	2220		ug/kg		89	60 - 140
1,1-Dichloroethane	2500.0	2320		ug/kg		93	80 - 120
1,2-Dichloroethane	2500.0	2140		ug/kg		86	80 - 120
1,1-Dichloroethene	2500.0	2470		ug/kg		99	80 - 120

QC Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0308

Method: SW 8260B - VOCs by SW8260B (Continued)

Lab Sample ID: 11K0131-BS1

Matrix: Solid/Soil

Analysis Batch: U001375

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 11K0131_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.	
							Limits	
cis-1,2-Dichloroethene	2500.0	2400		ug/kg		96	80 - 120	
trans-1,2-Dichloroethene	2500.0	2520		ug/kg		101	80 - 120	
1,2-Dichloropropane	2500.0	2290		ug/kg		91	80 - 120	
1,3-Dichloropropane	2500.0	2270		ug/kg		91	80 - 120	
2,2-Dichloropropane	2500.0	2370		ug/kg		95	60 - 140	
1,1-Dichloropropene	2500.0	2490		ug/kg		100	80 - 120	
cis-1,3-Dichloropropene	2500.0	2250		ug/kg		90	80 - 120	
trans-1,3-Dichloropropene	2500.0	2200		ug/kg		88	80 - 120	
Isopropyl Ether	2500.0	2170		ug/kg		87	80 - 120	
Ethylbenzene	2500.0	2460		ug/kg		98	80 - 120	
Hexachlorobutadiene	2500.0	2520		ug/kg		101	60 - 140	
Isopropylbenzene	2500.0	2530		ug/kg		101	80 - 120	
p-Isopropyltoluene	2500.0	2530		ug/kg		101	80 - 120	
Methylene Chloride	2500.0	2220		ug/kg		89	80 - 120	
Methyl tert-Butyl Ether	2500.0	2180		ug/kg		87	80 - 120	
Naphthalene	2500.0	2340		ug/kg		93	60 - 140	
n-Propylbenzene	2500.0	2470		ug/kg		99	80 - 120	
Styrene	2500.0	2430		ug/kg		97	80 - 120	
1,1,1,2-Tetrachloroethane	2500.0	2360		ug/kg		94	80 - 120	
1,1,1,2,2-Tetrachloroethane	2500.0	2190		ug/kg		88	80 - 120	
Tetrachloroethene	2500.0	2550		ug/kg		102	80 - 120	
Toluene	2500.0	2450		ug/kg		98	80 - 120	
1,2,3-Trichlorobenzene	2500.0	2360		ug/kg		94	80 - 120	
1,2,4-Trichlorobenzene	2500.0	2460		ug/kg		99	80 - 120	
1,1,1-Trichloroethane	2500.0	2340		ug/kg		94	80 - 120	
1,1,2-Trichloroethane	2500.0	2290		ug/kg		92	80 - 120	
Trichloroethene	2500.0	2460		ug/kg		99	80 - 120	
Trichlorofluoromethane	2500.0	2350		ug/kg		94	80 - 120	
1,2,3-Trichloropropane	2500.0	2120		ug/kg		85	80 - 120	
1,2,4-Trimethylbenzene	2500.0	2420		ug/kg		97	80 - 120	
1,3,5-Trimethylbenzene	2500.0	2450		ug/kg		98	80 - 120	
Vinyl chloride	2500.0	2390		ug/kg		96	80 - 120	
Xylenes, total	7500.0	7480		ug/kg		100	80 - 120	

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
Dibromofluoromethane	97		80 - 120
Toluene-d8	102		80 - 120
4-Bromofluorobenzene	100		80 - 120

Lab Sample ID: 11K0156-BLK1

Matrix: Solid/Soil

Analysis Batch: U001383

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 11K0156_P

Analyte	Blank Blank		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<25		100	25	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
Bromobenzene	<25		100	25	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
Bromochloromethane	<25		100	25	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
Bromodichloromethane	<25		100	25	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
Bromoform	<25		100	25	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00

QC Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0308

Method: SW 8260B - VOCs by SW8260B (Continued)

Lab Sample ID: 11K0156-BLK1

Matrix: Solid/Soil

Analysis Batch: U001383

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 11K0156_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	<100		250	100	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
n-Butylbenzene	<25		100	25	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
sec-Butylbenzene	<25		100	25	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
tert-Butylbenzene	<25		100	25	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
Carbon Tetrachloride	<25		100	25	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
Chlorobenzene	<25		100	25	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
Chlorodibromomethane	<25		100	25	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
Chloroethane	<50		100	50	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
Chloroform	<25		100	25	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
Chloromethane	<50		100	50	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
2-Chlorotoluene	<50		100	50	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
4-Chlorotoluene	<25		100	25	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
1,2-Dibromo-3-chloropropane	<50		100	50	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
1,2-Dibromoethane (EDB)	<25		100	25	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
Dibromomethane	<25		100	25	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
1,2-Dichlorobenzene	<25		100	25	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
1,3-Dichlorobenzene	<25		100	25	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
1,4-Dichlorobenzene	<25		100	25	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
Dichlorodifluoromethane	<50		100	50	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
1,1-Dichloroethane	<25		100	25	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
1,2-Dichloroethane	<25		100	25	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
1,1-Dichloroethene	<25		100	25	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
cis-1,2-Dichloroethene	<25		100	25	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
trans-1,2-Dichloroethene	<25		100	25	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
1,2-Dichloropropane	<25		100	25	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
1,3-Dichloropropane	<25		100	25	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
2,2-Dichloropropane	<25		100	25	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
1,1-Dichloropropene	<25		100	25	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
cis-1,3-Dichloropropene	<25		100	25	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
trans-1,3-Dichloropropene	<25		100	25	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
Isopropyl Ether	<25		100	25	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
Ethylbenzene	<25		100	25	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
Hexachlorobutadiene	<25		100	25	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
Isopropylbenzene	<25		100	25	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
p-Isopropyltoluene	<25		100	25	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
Methylene Chloride	<50		100	50	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
Methyl tert-Butyl Ether	<25		100	25	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
Naphthalene	<50		100	50	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
n-Propylbenzene	<25		100	25	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
Styrene	<50		100	50	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
1,1,1,2-Tetrachloroethane	<25		100	25	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
1,1,2,2-Tetrachloroethane	<25		100	25	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
Tetrachloroethene	<25		100	25	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
Toluene	<25		100	25	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
1,2,3-Trichlorobenzene	<25		100	25	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
1,2,4-Trichlorobenzene	<25		100	25	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
1,1,1-Trichloroethane	<25		100	25	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
1,1,2-Trichloroethane	<25		100	25	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
Trichloroethene	<25		100	25	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
Trichlorofluoromethane	<25		100	25	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00

QC Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0308

Method: SW 8260B - VOCs by SW8260B (Continued)

Lab Sample ID: 11K0156-BLK1

Matrix: Solid/Soil

Analysis Batch: U001383

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 11K0156_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	<50		100	50	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
1,2,4-Trimethylbenzene	<25		100	25	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
1,3,5-Trimethylbenzene	<25		100	25	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
Vinyl chloride	<25		100	25	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
Xylenes, total	<75		300	75	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00

Surrogate	Blank %Recovery	Blank Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane	101		80 - 120	11/14/11 09:47	11/14/11 11:57	1.00
Toluene-d8	99		80 - 120	11/14/11 09:47	11/14/11 11:57	1.00
4-Bromofluorobenzene	100		80 - 120	11/14/11 09:47	11/14/11 11:57	1.00

Lab Sample ID: 11K0156-BS1

Matrix: Solid/Soil

Analysis Batch: U001383

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 11K0156_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	2500.0	2370		ug/kg		95	80 - 120
Bromobenzene	2500.0	2290		ug/kg		92	80 - 120
Bromochloromethane	2500.0	2430		ug/kg		97	80 - 120
Bromodichloromethane	2500.0	2280		ug/kg		91	80 - 120
Bromoform	2500.0	2380		ug/kg		95	80 - 120
Bromomethane	2500.0	2030		ug/kg		81	60 - 140
n-Butylbenzene	2500.0	2440		ug/kg		98	80 - 120
sec-Butylbenzene	2500.0	2450		ug/kg		98	80 - 120
tert-Butylbenzene	2500.0	2420		ug/kg		97	80 - 120
Carbon Tetrachloride	2500.0	2380		ug/kg		95	60 - 140
Chlorobenzene	2500.0	2360		ug/kg		94	80 - 120
Chlorodibromomethane	2500.0	2320		ug/kg		93	80 - 120
Chloroethane	2500.0	1960		ug/kg		78	60 - 140
Chloroform	2500.0	2340		ug/kg		94	80 - 120
Chloromethane	2500.0	2180		ug/kg		87	60 - 140
2-Chlorotoluene	2500.0	2360		ug/kg		94	80 - 120
4-Chlorotoluene	2500.0	2390		ug/kg		96	80 - 120
1,2-Dibromo-3-chloropropane	2500.0	2250		ug/kg		90	60 - 140
1,2-Dibromoethane (EDB)	2500.0	2330		ug/kg		93	80 - 120
Dibromomethane	2500.0	2380		ug/kg		95	80 - 120
1,2-Dichlorobenzene	2500.0	2410		ug/kg		96	80 - 120
1,3-Dichlorobenzene	2500.0	2410		ug/kg		96	80 - 120
1,4-Dichlorobenzene	2500.0	2380		ug/kg		95	80 - 120
Dichlorodifluoromethane	2500.0	2120		ug/kg		85	60 - 140
1,1-Dichloroethane	2500.0	2340		ug/kg		94	80 - 120
1,2-Dichloroethane	2500.0	2220		ug/kg		89	80 - 120
1,1-Dichloroethene	2500.0	2420		ug/kg		97	80 - 120
cis-1,2-Dichloroethene	2500.0	2410		ug/kg		97	80 - 120
trans-1,2-Dichloroethene	2500.0	2480		ug/kg		99	80 - 120
1,2-Dichloropropane	2500.0	2320		ug/kg		93	80 - 120
1,3-Dichloropropane	2500.0	2280		ug/kg		91	80 - 120
2,2-Dichloropropane	2500.0	2360		ug/kg		94	60 - 140
1,1-Dichloropropene	2500.0	2460		ug/kg		98	80 - 120

QC Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0308

Method: SW 8260B - VOCs by SW8260B (Continued)

Lab Sample ID: 11K0156-BS1

Matrix: Solid/Soil

Analysis Batch: U001383

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 11K0156_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.	
							Limits	
cis-1,3-Dichloropropene	2500.0	2280		ug/kg		91	80 - 120	
trans-1,3-Dichloropropene	2500.0	2280		ug/kg		91	80 - 120	
Isopropyl Ether	2500.0	2220		ug/kg		89	80 - 120	
Ethylbenzene	2500.0	2370		ug/kg		95	80 - 120	
Hexachlorobutadiene	2500.0	2440		ug/kg		98	60 - 140	
Isopropylbenzene	2500.0	2400		ug/kg		96	80 - 120	
p-Isopropyltoluene	2500.0	2450		ug/kg		98	80 - 120	
Methylene Chloride	2500.0	2230		ug/kg		89	80 - 120	
Methyl tert-Butyl Ether	2500.0	2300		ug/kg		92	80 - 120	
Naphthalene	2500.0	2440		ug/kg		97	60 - 140	
n-Propylbenzene	2500.0	2420		ug/kg		97	80 - 120	
Styrene	2500.0	2330		ug/kg		93	80 - 120	
1,1,1,2-Tetrachloroethane	2500.0	2330		ug/kg		93	80 - 120	
1,1,1,2-Tetrachloroethane	2500.0	2290		ug/kg		92	80 - 120	
Tetrachloroethene	2500.0	2420		ug/kg		97	80 - 120	
Toluene	2500.0	2380		ug/kg		95	80 - 120	
1,2,3-Trichlorobenzene	2500.0	2390		ug/kg		96	80 - 120	
1,2,4-Trichlorobenzene	2500.0	2460		ug/kg		98	80 - 120	
1,1,1-Trichloroethane	2500.0	2310		ug/kg		92	80 - 120	
1,1,2-Trichloroethane	2500.0	2300		ug/kg		92	80 - 120	
Trichloroethene	2500.0	2450		ug/kg		98	80 - 120	
Trichlorofluoromethane	2500.0	2290		ug/kg		91	80 - 120	
1,2,3-Trichloropropane	2500.0	2160		ug/kg		86	80 - 120	
1,2,4-Trimethylbenzene	2500.0	2390		ug/kg		95	80 - 120	
1,3,5-Trimethylbenzene	2500.0	2390		ug/kg		95	80 - 120	
Vinyl chloride	2500.0	2340		ug/kg		93	80 - 120	
Xylenes, total	7500.0	7170		ug/kg		96	80 - 120	

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
Dibromofluoromethane	101		80 - 120
Toluene-d8	100		80 - 120
4-Bromofluorobenzene	98		80 - 120

Lab Sample ID: 11K0210-BLK1

Matrix: Solid/Soil

Analysis Batch: U001399

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 11K0210_P

Analyte	Blank Blank		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
Bromobenzene	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
Bromochloromethane	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
Bromodichloromethane	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
Bromoform	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
Bromomethane	<100		250	100	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
n-Butylbenzene	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
sec-Butylbenzene	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
tert-Butylbenzene	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
Carbon Tetrachloride	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
Chlorobenzene	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00

QC Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0308

Method: SW 8260B - VOCs by SW8260B (Continued)

Lab Sample ID: 11K0210-BLK1

Matrix: Solid/Soil

Analysis Batch: U001399

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 11K0210_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorodibromomethane	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
Chloroethane	<50		100	50	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
Chloroform	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
Chloromethane	<50		100	50	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
2-Chlorotoluene	<50		100	50	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
4-Chlorotoluene	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
1,2-Dibromo-3-chloropropane	<50		100	50	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
1,2-Dibromoethane (EDB)	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
Dibromomethane	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
1,2-Dichlorobenzene	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
1,3-Dichlorobenzene	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
1,4-Dichlorobenzene	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
Dichlorodifluoromethane	<50		100	50	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
1,1-Dichloroethane	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
1,2-Dichloroethane	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
1,1-Dichloroethene	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
cis-1,2-Dichloroethene	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
trans-1,2-Dichloroethene	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
1,2-Dichloropropane	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
1,3-Dichloropropane	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
2,2-Dichloropropane	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
1,1-Dichloropropene	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
cis-1,3-Dichloropropene	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
trans-1,3-Dichloropropene	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
Isopropyl Ether	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
Ethylbenzene	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
Hexachlorobutadiene	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
Isopropylbenzene	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
p-Isopropyltoluene	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
Methylene Chloride	<50		100	50	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
Methyl tert-Butyl Ether	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
Naphthalene	<50		100	50	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
n-Propylbenzene	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
Styrene	<50		100	50	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
1,1,1,2-Tetrachloroethane	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
1,1,2,2-Tetrachloroethane	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
Tetrachloroethene	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
Toluene	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
1,2,3-Trichlorobenzene	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
1,2,4-Trichlorobenzene	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
1,1,1-Trichloroethane	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
1,1,2-Trichloroethane	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
Trichloroethene	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
Trichlorofluoromethane	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
1,2,3-Trichloropropane	<50		100	50	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
1,2,4-Trimethylbenzene	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
1,3,5-Trimethylbenzene	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
Vinyl chloride	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
Xylenes, total	<75		300	75	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00

QC Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0308

Method: SW 8260B - VOCs by SW8260B (Continued)

Lab Sample ID: 11K0210-BLK1
Matrix: Solid/Soil
Analysis Batch: U001399

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 11K0210_P

Surrogate	Blank		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
Dibromofluoromethane	97		80 - 120	11/17/11 11:31	11/17/11 14:30	1.00
Toluene-d8	99		80 - 120	11/17/11 11:31	11/17/11 14:30	1.00
4-Bromofluorobenzene	98		80 - 120	11/17/11 11:31	11/17/11 14:30	1.00

Lab Sample ID: 11K0210-BS1
Matrix: Solid/Soil
Analysis Batch: U001399

Client Sample ID: Lab Control Sample
Prep Type: Total
Prep Batch: 11K0210_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Benzene	2500.0	2330		ug/kg		93	80 - 120
Bromobenzene	2500.0	2240		ug/kg		90	80 - 120
Bromochloromethane	2500.0	2320		ug/kg		93	80 - 120
Bromodichloromethane	2500.0	2180		ug/kg		87	80 - 120
Bromoform	2500.0	2190		ug/kg		88	80 - 120
Bromomethane	2500.0	2010		ug/kg		80	60 - 140
n-Butylbenzene	2500.0	2450		ug/kg		98	80 - 120
sec-Butylbenzene	2500.0	2460		ug/kg		98	80 - 120
tert-Butylbenzene	2500.0	2450		ug/kg		98	80 - 120
Carbon Tetrachloride	2500.0	2320		ug/kg		93	60 - 140
Chlorobenzene	2500.0	2350		ug/kg		94	80 - 120
Chlorodibromomethane	2500.0	2200		ug/kg		88	80 - 120
Chloroethane	2500.0	1920		ug/kg		77	60 - 140
Chloroform	2500.0	2290		ug/kg		92	80 - 120
Chloromethane	2500.0	2250		ug/kg		90	60 - 140
2-Chlorotoluene	2500.0	2370		ug/kg		95	80 - 120
4-Chlorotoluene	2500.0	2390		ug/kg		96	80 - 120
1,2-Dibromo-3-chloropropane	2500.0	2130		ug/kg		85	60 - 140
1,2-Dibromoethane (EDB)	2500.0	2190		ug/kg		88	80 - 120
Dibromomethane	2500.0	2250		ug/kg		90	80 - 120
1,2-Dichlorobenzene	2500.0	2350		ug/kg		94	80 - 120
1,3-Dichlorobenzene	2500.0	2370		ug/kg		95	80 - 120
1,4-Dichlorobenzene	2500.0	2350		ug/kg		94	80 - 120
Dichlorodifluoromethane	2500.0	2190		ug/kg		87	60 - 140
1,1-Dichloroethane	2500.0	2340		ug/kg		94	80 - 120
1,2-Dichloroethane	2500.0	2120		ug/kg		85	80 - 120
1,1-Dichloroethene	2500.0	2490		ug/kg		99	80 - 120
cis-1,2-Dichloroethene	2500.0	2360		ug/kg		95	80 - 120
trans-1,2-Dichloroethene	2500.0	2410		ug/kg		97	80 - 120
1,2-Dichloropropane	2500.0	2250		ug/kg		90	80 - 120
1,3-Dichloropropane	2500.0	2190		ug/kg		88	80 - 120
2,2-Dichloropropane	2500.0	2360		ug/kg		94	60 - 140
1,1-Dichloropropene	2500.0	2450		ug/kg		98	80 - 120
cis-1,3-Dichloropropene	2500.0	2190		ug/kg		88	80 - 120
trans-1,3-Dichloropropene	2500.0	2160		ug/kg		86	80 - 120
Isopropyl Ether	2500.0	2170		ug/kg		87	80 - 120
Ethylbenzene	2500.0	2360		ug/kg		94	80 - 120
Hexachlorobutadiene	2500.0	2400		ug/kg		96	60 - 140
Isopropylbenzene	2500.0	2420		ug/kg		97	80 - 120
p-Isopropyltoluene	2500.0	2490		ug/kg		99	80 - 120

QC Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0308

Method: SW 8260B - VOCs by SW8260B (Continued)

Lab Sample ID: 11K0210-BS1

Matrix: Solid/Soil

Analysis Batch: U001399

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 11K0210_P

Analyte	Spike Added	LCS		Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
Methylene Chloride	2500.0	2230		ug/kg		89	80 - 120
Methyl tert-Butyl Ether	2500.0	2130		ug/kg		85	80 - 120
Naphthalene	2500.0	2320		ug/kg		93	60 - 140
n-Propylbenzene	2500.0	2450		ug/kg		98	80 - 120
Styrene	2500.0	2330		ug/kg		93	80 - 120
1,1,1,2-Tetrachloroethane	2500.0	2240		ug/kg		90	80 - 120
1,1,2,2-Tetrachloroethane	2500.0	2220		ug/kg		89	80 - 120
Tetrachloroethene	2500.0	2450		ug/kg		98	80 - 120
Toluene	2500.0	2340		ug/kg		94	80 - 120
1,2,3-Trichlorobenzene	2500.0	2280		ug/kg		91	80 - 120
1,2,4-Trichlorobenzene	2500.0	2380		ug/kg		95	80 - 120
1,1,1-Trichloroethane	2500.0	2330		ug/kg		93	80 - 120
1,1,2-Trichloroethane	2500.0	2230		ug/kg		89	80 - 120
Trichloroethene	2500.0	2450		ug/kg		98	80 - 120
Trichlorofluoromethane	2500.0	2320		ug/kg		93	80 - 120
1,2,3-Trichloropropane	2500.0	2110		ug/kg		84	80 - 120
1,2,4-Trimethylbenzene	2500.0	2380		ug/kg		95	80 - 120
1,3,5-Trimethylbenzene	2500.0	2390		ug/kg		96	80 - 120
Vinyl chloride	2500.0	2420		ug/kg		97	80 - 120
Xylenes, total	7500.0	7190		ug/kg		96	80 - 120

Surrogate	LCS		Limits
	%Recovery	Qualifier	
Dibromofluoromethane	99		80 - 120
Toluene-d8	99		80 - 120
4-Bromofluorobenzene	98		80 - 120

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: 500-42012-1 MS

Matrix: Solid

Analysis Batch: 133580

Client Sample ID: WUK0308-01

Prep Type: Total/NA

Prep Batch: 133118

Analyte	Sample Result	Sample Qualifier	Spike Added	MS		Unit	D	%Rec	%Rec. Limits
				Result	Qualifier				
1,2,4-Trichlorobenzene	<0.040		1.76	1.32		mg/Kg	☼	75	65 - 102
1,2-Dichlorobenzene	<0.038		1.76	1.14		mg/Kg	☼	65	62 - 100
1,3-Dichlorobenzene	<0.037		1.76	1.05	F	mg/Kg	☼	59	60 - 100
1,4-Dichlorobenzene	<0.037		1.76	1.07		mg/Kg	☼	61	60 - 100
2,4,5-Trichlorophenol	<0.10		1.76	1.46		mg/Kg	☼	83	67 - 116
2,4,6-Trichlorophenol	<0.044		1.76	1.38		mg/Kg	☼	79	60 - 114
2,4-Dichlorophenol	<0.11		1.76	1.47		mg/Kg	☼	83	65 - 108
2,4-Dimethylphenol	<0.11		1.76	1.35		mg/Kg	☼	77	63 - 106
2,4-Dinitrophenol	<0.18		1.76	1.39		mg/Kg	☼	79	10 - 100
2,4-Dinitrotoluene	<0.054		1.76	1.54		mg/Kg	☼	87	67 - 118
2,6-Dinitrotoluene	<0.042		1.76	1.48		mg/Kg	☼	84	67 - 116
2-Chloronaphthalene	<0.039		1.76	1.24		mg/Kg	☼	70	62 - 104
2-Chlorophenol	<0.050		1.76	1.15		mg/Kg	☼	65	60 - 104
2-Methylnaphthalene	<0.045		1.76	1.31		mg/Kg	☼	75	62 - 101
2-Methylphenol	<0.047		1.76	1.27		mg/Kg	☼	72	60 - 107
2-Nitroaniline	<0.063		1.76	1.87		mg/Kg	☼	106	62 - 140

QC Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0308

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 500-42012-1 MS

Matrix: Solid

Analysis Batch: 133580

Client Sample ID: WUK0308-01

Prep Type: Total/NA

Prep Batch: 133118

Analyte	Sample	Sample	Spike	MS		Unit	D	%Rec	%Rec.	Limits
	Result	Qualifier	Added	Result	Qualifier					
2-Nitrophenol	<0.055		1.76	1.33		mg/Kg	*	75	65 - 106	
3 & 4 Methylphenol	<0.066		1.76	1.43		mg/Kg	*	81	60 - 118	
3,3'-Dichlorobenzidine	<0.029		1.76	0.905		mg/Kg	*	51	33 - 100	
3-Nitroaniline	<0.068		1.76	1.23		mg/Kg	*	70	39 - 101	
4,6-Dinitro-2-methylphenol	<0.085		1.76	1.35		mg/Kg	*	77	10 - 103	
4-Bromophenyl phenyl ether	<0.039		1.76	1.54		mg/Kg	*	87	66 - 114	
4-Chloro-3-methylphenol	<0.17		1.76	1.58		mg/Kg	*	90	60 - 111	
4-Chloroaniline	<0.11		1.76	1.01		mg/Kg	*	57	33 - 100	
4-Chlorophenyl phenyl ether	<0.055		1.76	1.46		mg/Kg	*	83	65 - 111	
4-Nitroaniline	<0.072		1.76	1.32		mg/Kg	*	75	58 - 118	
4-Nitrophenol	<0.19		1.76	1.20		mg/Kg	*	68	42 - 122	
Acenaphthene	<0.010		1.76	1.39		mg/Kg	*	79	60 - 105	
Acenaphthylene	<0.0081		1.76	1.39		mg/Kg	*	79	65 - 105	
Anthracene	0.0088	J	1.76	1.38		mg/Kg	*	78	63 - 109	
Benzo[a]anthracene	0.060		1.76	1.50		mg/Kg	*	82	60 - 114	
Benzo[a]pyrene	0.069		1.76	1.37		mg/Kg	*	74	59 - 110	
Benzo[b]fluoranthene	0.077		1.76	1.41		mg/Kg	*	76	50 - 118	
Benzo[g,h,i]perylene	0.061		1.76	1.44		mg/Kg	*	78	58 - 119	
Benzo[k]fluoranthene	0.038		1.76	1.31		mg/Kg	*	72	49 - 116	
bis (2-chloroisopropyl) ether	<0.039		1.76	1.19		mg/Kg	*	68	46 - 120	
Bis(2-chloroethoxy)methane	<0.039		1.76	1.35		mg/Kg	*	77	60 - 105	
Bis(2-chloroethyl)ether	<0.052		1.76	1.11		mg/Kg	*	63	54 - 116	
Bis(2-ethylhexyl) phthalate	0.046	J	1.76	1.57		mg/Kg	*	87	63 - 124	
Butyl benzyl phthalate	<0.044		1.76	1.50		mg/Kg	*	85	63 - 131	
Carbazole	<0.049		1.76	1.47		mg/Kg	*	83	65 - 112	
Chrysene	0.064		1.76	1.52		mg/Kg	*	83	64 - 112	
Dibenz(a,h)anthracene	0.025	J	1.76	1.24		mg/Kg	*	69	56 - 117	
Dibenzofuran	<0.042		1.76	1.44		mg/Kg	*	82	64 - 107	
Diethyl phthalate	<0.058		1.76	1.49		mg/Kg	*	85	64 - 118	
Dimethyl phthalate	<0.044		1.76	1.43		mg/Kg	*	81	68 - 108	
Di-n-butyl phthalate	<0.044		1.76	1.49		mg/Kg	*	85	64 - 117	
Di-n-octyl phthalate	<0.071		1.76	1.24		mg/Kg	*	71	52 - 120	
Fluoranthene	0.085		1.76	1.74		mg/Kg	*	94	68 - 113	
Fluorene	<0.0080		1.76	1.46		mg/Kg	*	83	66 - 110	
Hexachlorobenzene	<0.0069		1.76	1.56		mg/Kg	*	88	63 - 118	
Hexachlorobutadiene	<0.046		1.76	1.40		mg/Kg	*	79	62 - 110	
Hexachlorocyclopentadiene	<0.16		1.76	0.416	J	mg/Kg	*	24	22 - 102	
Hexachloroethane	<0.037		1.76	1.09		mg/Kg	*	62	58 - 100	
Indeno[1,2,3-cd]pyrene	0.049		1.76	1.42		mg/Kg	*	78	58 - 118	
Isophorone	<0.039		1.76	1.30		mg/Kg	*	74	58 - 100	
Naphthalene	<0.0068		1.76	1.35		mg/Kg	*	77	60 - 102	
Nitrobenzene	<0.011		1.76	1.43		mg/Kg	*	81	63 - 108	
N-Nitrosodimethylamine	<0.38		1.76	1.06		mg/Kg	*	60	44 - 111	
N-Nitrosodi-n-propylamine	<0.045		1.76	1.39		mg/Kg	*	79	58 - 117	
Pentachlorophenol	<0.18		1.76	0.768		mg/Kg	*	44	25 - 119	
Phenanthrene	0.026	J	1.76	1.78		mg/Kg	*	99	63 - 117	
Phenol	<0.056		1.76	1.24		mg/Kg	*	70	59 - 110	
Pyrene	0.065		1.76	1.55		mg/Kg	*	84	62 - 117	

QC Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0308

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 500-42012-1 MS

Matrix: Solid

Analysis Batch: 133580

Client Sample ID: WUK0308-01

Prep Type: Total/NA

Prep Batch: 133118

Surrogate	MS MS		Limits
	%Recovery	Qualifier	
2,4,6-Tribromophenol	76		30 - 137
2-Fluorobiphenyl	80		27 - 113
2-Fluorophenol	67		30 - 110
Nitrobenzene-d5	83		22 - 110
Phenol-d5	72		26 - 112
Terphenyl-d14	77		33 - 129

Lab Sample ID: 500-42012-1 MSD

Matrix: Solid

Analysis Batch: 133580

Client Sample ID: WUK0308-01

Prep Type: Total/NA

Prep Batch: 133118

Analyte	Sample	Sample	Spike	MSD MSD		Unit	D	%Rec	%Rec.		RPD	
	Result	Qualifier		Result	Qualifier				Limits	RPD	Limit	
1,2,4-Trichlorobenzene	<0.040		1.78	1.32		mg/Kg	*	74	65 - 102	0	30	
1,2-Dichlorobenzene	<0.038		1.78	1.21		mg/Kg	*	68	62 - 100	6	30	
1,3-Dichlorobenzene	<0.037		1.78	1.09		mg/Kg	*	62	60 - 100	5	30	
1,4-Dichlorobenzene	<0.037		1.78	1.12		mg/Kg	*	63	60 - 100	4	30	
2,4,5-Trichlorophenol	<0.10		1.78	1.42		mg/Kg	*	80	67 - 116	3	30	
2,4,6-Trichlorophenol	<0.044		1.78	1.41		mg/Kg	*	79	60 - 114	2	30	
2,4-Dichlorophenol	<0.11		1.78	1.48		mg/Kg	*	83	65 - 108	1	30	
2,4-Dimethylphenol	<0.11		1.78	1.28		mg/Kg	*	72	63 - 106	5	30	
2,4-Dinitrophenol	<0.18		1.78	1.56		mg/Kg	*	88	10 - 100	12	30	
2,4-Dinitrotoluene	<0.054		1.78	1.50		mg/Kg	*	84	67 - 118	3	30	
2,6-Dinitrotoluene	<0.042		1.78	1.44		mg/Kg	*	81	67 - 116	3	30	
2-Chloronaphthalene	<0.039		1.78	1.23		mg/Kg	*	69	62 - 104	1	30	
2-Chlorophenol	<0.050		1.78	1.21		mg/Kg	*	68	60 - 104	5	30	
2-Methylnaphthalene	<0.045		1.78	1.33		mg/Kg	*	75	62 - 101	1	30	
2-Methylphenol	<0.047		1.78	1.37		mg/Kg	*	77	60 - 107	8	30	
2-Nitroaniline	<0.063		1.78	1.87		mg/Kg	*	105	62 - 140	0	30	
2-Nitrophenol	<0.055		1.78	1.33		mg/Kg	*	75	65 - 106	0	30	
3 & 4 Methylphenol	<0.066		1.78	1.52		mg/Kg	*	86	60 - 118	6	30	
3,3'-Dichlorobenzidine	<0.029		1.78	0.849		mg/Kg	*	48	33 - 100	6	30	
3-Nitroaniline	<0.068		1.78	1.24		mg/Kg	*	70	39 - 101	0	30	
4,6-Dinitro-2-methylphenol	<0.085		1.78	1.24		mg/Kg	*	70	10 - 103	8	30	
4-Bromophenyl phenyl ether	<0.039		1.78	1.38		mg/Kg	*	78	66 - 114	11	30	
4-Chloro-3-methylphenol	<0.17		1.78	1.55		mg/Kg	*	87	60 - 111	2	30	
4-Chloroaniline	<0.11		1.78	1.00		mg/Kg	*	56	33 - 100	1	30	
4-Chlorophenyl phenyl ether	<0.055		1.78	1.40		mg/Kg	*	79	65 - 111	5	30	
4-Nitroaniline	<0.072		1.78	1.54		mg/Kg	*	87	58 - 118	16	30	
4-Nitrophenol	<0.19		1.78	1.27		mg/Kg	*	71	42 - 122	5	30	
Acenaphthene	<0.010		1.78	1.37		mg/Kg	*	77	60 - 105	1	30	
Acenaphthylene	<0.0081		1.78	1.37		mg/Kg	*	77	65 - 105	2	30	
Anthracene	0.0088	J	1.78	1.20		mg/Kg	*	67	63 - 109	14	30	
Benzo[a]anthracene	0.060		1.78	1.41		mg/Kg	*	76	60 - 114	6	30	
Benzo[a]pyrene	0.069		1.78	1.23		mg/Kg	*	65	59 - 110	11	30	
Benzo[b]fluoranthene	0.077		1.78	1.21		mg/Kg	*	64	50 - 118	15	30	
Benzo[g,h,i]perylene	0.061		1.78	1.34		mg/Kg	*	72	58 - 119	8	30	
Benzo[k]fluoranthene	0.038		1.78	1.20		mg/Kg	*	65	49 - 116	9	30	
bis (2-chloroisopropyl) ether	<0.039		1.78	1.23		mg/Kg	*	69	46 - 120	3	30	
Bis(2-chloroethoxy)methane	<0.039		1.78	1.36		mg/Kg	*	76	60 - 105	0	30	

QC Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0308

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 500-42012-1 MSD

Matrix: Solid

Analysis Batch: 133580

Client Sample ID: WUK0308-01

Prep Type: Total/NA

Prep Batch: 133118

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	
	Result	Qualifier	Added	Result	Qualifier				Limits	RPD	Limit
Bis(2-chloroethyl)ether	<0.052		1.78	1.17		mg/Kg	*	66	54 - 116	5	30
Bis(2-ethylhexyl) phthalate	0.046	J	1.78	1.54		mg/Kg	*	84	63 - 124	2	30
Butyl benzyl phthalate	<0.044		1.78	1.43		mg/Kg	*	80	63 - 131	5	30
Carbazole	<0.049		1.78	1.36		mg/Kg	*	77	65 - 112	8	30
Chrysene	0.064		1.78	1.36		mg/Kg	*	73	64 - 112	11	30
Dibenz(a,h)anthracene	0.025	J	1.78	1.21		mg/Kg	*	67	56 - 117	2	30
Dibenzofuran	<0.042		1.78	1.41		mg/Kg	*	80	64 - 107	2	30
Diethyl phthalate	<0.058		1.78	1.46		mg/Kg	*	82	64 - 118	2	30
Dimethyl phthalate	<0.044		1.78	1.38		mg/Kg	*	78	68 - 108	3	30
Di-n-butyl phthalate	<0.044		1.78	1.35		mg/Kg	*	76	64 - 117	10	30
Di-n-octyl phthalate	<0.071		1.78	1.18		mg/Kg	*	67	52 - 120	5	30
Fluoranthene	0.085		1.78	1.49		mg/Kg	*	79	68 - 113	16	30
Fluorene	<0.0080		1.78	1.42		mg/Kg	*	80	66 - 110	3	30
Hexachlorobenzene	<0.0069		1.78	1.38		mg/Kg	*	78	63 - 118	12	30
Hexachlorobutadiene	<0.046		1.78	1.39		mg/Kg	*	78	62 - 110	1	30
Hexachlorocyclopentadiene	<0.16		1.78	0.579	J F	mg/Kg	*	33	22 - 102	33	30
Hexachloroethane	<0.037		1.78	1.10		mg/Kg	*	62	58 - 100	2	30
Indeno[1,2,3-cd]pyrene	0.049		1.78	1.29		mg/Kg	*	70	58 - 118	9	30
Isophorone	<0.039		1.78	1.30		mg/Kg	*	73	58 - 100	0	30
Naphthalene	<0.0068		1.78	1.35		mg/Kg	*	76	60 - 102	0	30
Nitrobenzene	<0.011		1.78	1.42		mg/Kg	*	80	63 - 108	1	30
N-Nitrosodimethylamine	<0.38		1.78	1.16		mg/Kg	*	65	44 - 111	9	30
N-Nitrosodi-n-propylamine	<0.045		1.78	1.45		mg/Kg	*	82	58 - 117	5	30
Pentachlorophenol	<0.18		1.78	0.768		mg/Kg	*	43	25 - 119	0	30
Phenanthrene	0.026	J	1.78	1.51		mg/Kg	*	84	63 - 117	16	30
Phenol	<0.056		1.78	1.32		mg/Kg	*	74	59 - 110	6	30
Pyrene	0.065		1.78	1.26		mg/Kg	*	67	62 - 117	21	30

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
2,4,6-Tribromophenol	86		30 - 137
2-Fluorobiphenyl	78		27 - 113
2-Fluorophenol	67		30 - 110
Nitrobenzene-d5	82		22 - 110
Phenol-d5	74		26 - 112
Terphenyl-d14	70		33 - 129

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

Lab Sample ID: MB 500-133127/1-A

Matrix: Solid

Analysis Batch: 133149

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 133127

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
PCB-1016	<0.0060		0.017	0.0060	mg/Kg		11/17/11 21:01	11/18/11 14:46	1
PCB-1221	<0.014		0.017	0.014	mg/Kg		11/17/11 21:01	11/18/11 14:46	1
PCB-1232	<0.0065		0.017	0.0065	mg/Kg		11/17/11 21:01	11/18/11 14:46	1
PCB-1242	<0.0080		0.017	0.0080	mg/Kg		11/17/11 21:01	11/18/11 14:46	1
PCB-1248	<0.0061		0.017	0.0061	mg/Kg		11/17/11 21:01	11/18/11 14:46	1
PCB-1254	<0.0048		0.017	0.0048	mg/Kg		11/17/11 21:01	11/18/11 14:46	1

QC Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0308

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

Lab Sample ID: MB 500-133127/1-A
Matrix: Solid
Analysis Batch: 133149

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 133127

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1260	<0.0039		0.017	0.0039	mg/Kg		11/17/11 21:01	11/18/11 14:46	1
Polychlorinated biphenyls, Total	<0.0026		0.017	0.0026	mg/Kg		11/17/11 21:01	11/18/11 14:46	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	85		28 - 124	11/17/11 21:01	11/18/11 14:46	1
DCB Decachlorobiphenyl	100		38 - 130	11/17/11 21:01	11/18/11 14:46	1

Lab Sample ID: LCS 500-133127/2-A
Matrix: Solid
Analysis Batch: 133149

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 133127

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	0.167	0.138		mg/Kg		83	47 - 117
PCB-1260	0.167	0.160		mg/Kg		96	57 - 122

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	77		28 - 124
DCB Decachlorobiphenyl	108		38 - 130

Lab Sample ID: 500-42012-3 MS
Matrix: Solid
Analysis Batch: 133149

Client Sample ID: WUK0308-03
Prep Type: Total/NA
Prep Batch: 133127

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	<0.0071		0.194	0.170		mg/Kg	☼	88	47 - 117
PCB-1260	<0.0046		0.194	0.151		mg/Kg	☼	78	57 - 122

Surrogate	MS %Recovery	MS Qualifier	Limits
Tetrachloro-m-xylene	80		28 - 124
DCB Decachlorobiphenyl	91		38 - 130

Lab Sample ID: 500-42012-3 MSD
Matrix: Solid
Analysis Batch: 133149

Client Sample ID: WUK0308-03
Prep Type: Total/NA
Prep Batch: 133127

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
PCB-1016	<0.0071		0.196	0.180		mg/Kg	☼	92	47 - 117	6	30
PCB-1260	<0.0046		0.196	0.160		mg/Kg	☼	82	57 - 122	6	30

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Tetrachloro-m-xylene	86		28 - 124
DCB Decachlorobiphenyl	95		38 - 130

QC Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0308

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 500-133154/1-A
Matrix: Solid
Analysis Batch: 133458

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 133154

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.14		1.0	0.14	mg/Kg		11/18/11 10:00	11/21/11 11:23	1
Barium	0.113	J	1.0	0.056	mg/Kg		11/18/11 10:00	11/21/11 11:23	1
Cadmium	0.0538	J	0.20	0.027	mg/Kg		11/18/11 10:00	11/21/11 11:23	1
Chromium	<0.085		1.0	0.085	mg/Kg		11/18/11 10:00	11/21/11 11:23	1
Lead	<0.24		0.50	0.24	mg/Kg		11/18/11 10:00	11/21/11 11:23	1
Selenium	0.331	J	1.0	0.28	mg/Kg		11/18/11 10:00	11/21/11 11:23	1
Silver	<0.063		0.50	0.063	mg/Kg		11/18/11 10:00	11/21/11 11:23	1

Lab Sample ID: LCS 500-133154/2-A
Matrix: Solid
Analysis Batch: 133458

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 133154

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	10.0	9.61		mg/Kg		96	80 - 120
Barium	200	185		mg/Kg		92	80 - 120
Cadmium	5.00	4.65		mg/Kg		93	80 - 120
Chromium	20.0	18.3		mg/Kg		92	80 - 120
Lead	10.0	9.55		mg/Kg		96	80 - 120
Selenium	10.0	8.92		mg/Kg		89	80 - 120
Silver	5.00	4.15		mg/Kg		83	80 - 120

Method: 7471A - Mercury (CVAA)

Lab Sample ID: MB 500-133148/7-A
Matrix: Solid
Analysis Batch: 133216

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 133148

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0051		0.017	0.0051	mg/Kg		11/18/11 09:50	11/18/11 12:03	1

Lab Sample ID: LCS 500-133148/8-A
Matrix: Solid
Analysis Batch: 133216

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 133148

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.167	0.160		mg/Kg		96	80 - 120

Lab Sample ID: 500-42012-1 MS
Matrix: Solid
Analysis Batch: 133216

Client Sample ID: WUK0308-01
Prep Type: Total/NA
Prep Batch: 133148

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.013	J	0.0921	0.118		mg/Kg	☼	114	75 - 125

Lab Sample ID: 500-42012-1 MSD
Matrix: Solid
Analysis Batch: 133216

Client Sample ID: WUK0308-01
Prep Type: Total/NA
Prep Batch: 133148

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Mercury	0.013	J	0.0859	0.109		mg/Kg	☼	112	75 - 125	8	20

QC Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0308

Method: 7471A - Mercury (CVAA) (Continued)

Lab Sample ID: 500-42012-1 DU
Matrix: Solid
Analysis Batch: 133216

Client Sample ID: WUK0308-01
Prep Type: Total/NA
Prep Batch: 133148

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Mercury	0.013	J	0.0174	J	mg/Kg	☼	30	20

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

QC Association Summary

Client: Tetra Tech GEO
 Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0308

GCMS Volatiles

Analysis Batch: U001375

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
11K0131-BLK1	Method Blank	Total	Solid/Soil	SW 8260B	11K0131_P
11K0131-BS1	Lab Control Sample	Total	Solid/Soil	SW 8260B	11K0131_P
WUK0308-01	B-21 0-2'	Total	Solid/Soil	SW 8260B	11K0131_P
WUK0308-02	B-21 4-6'	Total	Solid/Soil	SW 8260B	11K0131_P
WUK0308-03	B-21 8-10'	Total	Solid/Soil	SW 8260B	11K0131_P
WUK0308-04	B-22 0-2'	Total	Solid/Soil	SW 8260B	11K0131_P
WUK0308-05	B-22 4-6'	Total	Solid/Soil	SW 8260B	11K0131_P
WUK0308-06	B-22 8-10'	Total	Solid/Soil	SW 8260B	11K0131_P
WUK0308-07	B-05-11 0-2'	Total	Solid/Soil	SW 8260B	11K0131_P
WUK0308-08	B-23 0-2'	Total	Solid/Soil	SW 8260B	11K0131_P
WUK0308-09	B-23 4-6'	Total	Solid/Soil	SW 8260B	11K0131_P
WUK0308-10	B-23 8-10'	Total	Solid/Soil	SW 8260B	11K0131_P
WUK0308-11	B-24 0-2'	Total	Solid/Soil	SW 8260B	11K0131_P

Analysis Batch: U001383

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
11K0156-BLK1	Method Blank	Total	Solid/Soil	SW 8260B	11K0156_P
11K0156-BS1	Lab Control Sample	Total	Solid/Soil	SW 8260B	11K0156_P
WUK0308-12	B-25 0-2'	Total	Solid/Soil	SW 8260B	11K0156_P
WUK0308-13	B-25 4-6'	Total	Solid/Soil	SW 8260B	11K0156_P
WUK0308-14	B-25 8-10'	Total	Solid/Soil	SW 8260B	11K0156_P
WUK0308-15	B-26 0-2'	Total	Solid/Soil	SW 8260B	11K0156_P
WUK0308-16	Trip Blank(MeOH)	Total	Solid/Soil	SW 8260B	11K0156_P

Analysis Batch: U001399

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
11K0210-BLK1	Method Blank	Total	Solid/Soil	SW 8260B	11K0210_P
11K0210-BS1	Lab Control Sample	Total	Solid/Soil	SW 8260B	11K0210_P
WUK0308-06 - RE2	B-22 8-10'	Total	Solid/Soil	SW 8260B	11K0210_P

Prep Batch: 11K0131_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
11K0131-BLK1	Method Blank	Total	Solid/Soil	Default Prep VOC	
11K0131-BS1	Lab Control Sample	Total	Solid/Soil	Default Prep VOC	
WUK0308-01	B-21 0-2'	Total	Solid/Soil	Default Prep VOC	
WUK0308-02	B-21 4-6'	Total	Solid/Soil	Default Prep VOC	
WUK0308-03	B-21 8-10'	Total	Solid/Soil	Default Prep VOC	
WUK0308-04	B-22 0-2'	Total	Solid/Soil	Default Prep VOC	
WUK0308-05	B-22 4-6'	Total	Solid/Soil	Default Prep VOC	
WUK0308-06	B-22 8-10'	Total	Solid/Soil	Default Prep VOC	
WUK0308-07	B-05-11 0-2'	Total	Solid/Soil	Default Prep VOC	
WUK0308-08	B-23 0-2'	Total	Solid/Soil	Default Prep VOC	
WUK0308-09	B-23 4-6'	Total	Solid/Soil	Default Prep VOC	

QC Association Summary

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0308

GCMS Volatiles (Continued)

Prep Batch: 11K0131_P (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
WUK0308-10	B-23 8-10'	Total	Solid/Soil	Default Prep VOC	
WUK0308-11	B-24 0-2'	Total	Solid/Soil	Default Prep VOC	

Prep Batch: 11K0156_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
11K0156-BLK1	Method Blank	Total	Solid/Soil	Default Prep VOC	
11K0156-BS1	Lab Control Sample	Total	Solid/Soil	Default Prep VOC	
WUK0308-12	B-25 0-2'	Total	Solid/Soil	Default Prep VOC	
WUK0308-13	B-25 4-6'	Total	Solid/Soil	Default Prep VOC	
WUK0308-14	B-25 8-10'	Total	Solid/Soil	Default Prep VOC	
WUK0308-15	B-26 0-2'	Total	Solid/Soil	Default Prep VOC	
WUK0308-16	Trip Blank(MeOH)	Total	Solid/Soil	Default Prep VOC	

Prep Batch: 11K0210_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
11K0210-BLK1	Method Blank	Total	Solid/Soil	Default Prep VOC	
11K0210-BS1	Lab Control Sample	Total	Solid/Soil	Default Prep VOC	
WUK0308-06 - RE2	B-22 8-10'	Total	Solid/Soil	Default Prep VOC	

GC/MS Semi VOA

Prep Batch: 133118

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-42012-1 MS	WUK0308-01	Total/NA	Solid	3541	
500-42012-1 MSD	WUK0308-01	Total/NA	Solid	3541	
WUK0308-01	B-21 0-2'	Total/NA	Solid/Soil	3541	
WUK0308-02	B-21 4-6'	Total/NA	Solid/Soil	3541	
WUK0308-02 - DL	B-21 4-6'	Total/NA	Solid/Soil	3541	
WUK0308-03	B-21 8-10'	Total/NA	Solid/Soil	3541	
WUK0308-04	B-22 0-2'	Total/NA	Solid/Soil	3541	
WUK0308-05	B-22 4-6'	Total/NA	Solid/Soil	3541	
WUK0308-06	B-22 8-10'	Total/NA	Solid/Soil	3541	
WUK0308-06 - DL2	B-22 8-10'	Total/NA	Solid/Soil	3541	
WUK0308-06 - DL	B-22 8-10'	Total/NA	Solid/Soil	3541	
WUK0308-07	B-05-11 0-2'	Total/NA	Solid/Soil	3541	
WUK0308-08	B-23 0-2'	Total/NA	Solid/Soil	3541	
WUK0308-09	B-23 4-6'	Total/NA	Solid/Soil	3541	
WUK0308-10	B-23 8-10'	Total/NA	Solid/Soil	3541	
WUK0308-10 - DL	B-23 8-10'	Total/NA	Solid/Soil	3541	
WUK0308-11	B-24 0-2'	Total/NA	Solid/Soil	3541	
WUK0308-12	B-25 0-2'	Total/NA	Solid/Soil	3541	
WUK0308-13	B-25 4-6'	Total/NA	Solid/Soil	3541	
WUK0308-14	B-25 8-10'	Total/NA	Solid/Soil	3541	

QC Association Summary

Client: Tetra Tech GEO
 Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0308

GC/MS Semi VOA (Continued)

Prep Batch: 133118 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
WUK0308-15	B-26 0-2'	Total/NA	Solid/Soil	3541	

Analysis Batch: 133406

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
WUK0308-01	B-21 0-2'	Total/NA	Solid/Soil	8270C	133118
WUK0308-02	B-21 4-6'	Total/NA	Solid/Soil	8270C	133118
WUK0308-02 - DL	B-21 4-6'	Total/NA	Solid/Soil	8270C	133118
WUK0308-03	B-21 8-10'	Total/NA	Solid/Soil	8270C	133118
WUK0308-04	B-22 0-2'	Total/NA	Solid/Soil	8270C	133118
WUK0308-05	B-22 4-6'	Total/NA	Solid/Soil	8270C	133118
WUK0308-06	B-22 8-10'	Total/NA	Solid/Soil	8270C	133118
WUK0308-06 - DL2	B-22 8-10'	Total/NA	Solid/Soil	8270C	133118
WUK0308-07	B-05-11 0-2'	Total/NA	Solid/Soil	8270C	133118
WUK0308-08	B-23 0-2'	Total/NA	Solid/Soil	8270C	133118
WUK0308-09	B-23 4-6'	Total/NA	Solid/Soil	8270C	133118
WUK0308-10	B-23 8-10'	Total/NA	Solid/Soil	8270C	133118
WUK0308-11	B-24 0-2'	Total/NA	Solid/Soil	8270C	133118
WUK0308-12	B-25 0-2'	Total/NA	Solid/Soil	8270C	133118
WUK0308-13	B-25 4-6'	Total/NA	Solid/Soil	8270C	133118
WUK0308-14	B-25 8-10'	Total/NA	Solid/Soil	8270C	133118
WUK0308-15	B-26 0-2'	Total/NA	Solid/Soil	8270C	133118

Analysis Batch: 133580

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-42012-1 MS	WUK0308-01	Total/NA	Solid	8270C	133118
500-42012-1 MSD	WUK0308-01	Total/NA	Solid	8270C	133118
WUK0308-06 - DL	B-22 8-10'	Total/NA	Solid/Soil	8270C	133118
WUK0308-10 - DL	B-23 8-10'	Total/NA	Solid/Soil	8270C	133118

GC Semi VOA

Prep Batch: 133127

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-42012-3 MS	WUK0308-03	Total/NA	Solid	3541	
500-42012-3 MSD	WUK0308-03	Total/NA	Solid	3541	
LCS 500-133127/2-A	Lab Control Sample	Total/NA	Solid	3541	
MB 500-133127/1-A	Method Blank	Total/NA	Solid	3541	
WUK0308-01	B-21 0-2'	Total/NA	Solid/Soil	3541	
WUK0308-02	B-21 4-6'	Total/NA	Solid/Soil	3541	
WUK0308-03	B-21 8-10'	Total/NA	Solid/Soil	3541	
WUK0308-04	B-22 0-2'	Total/NA	Solid/Soil	3541	
WUK0308-05	B-22 4-6'	Total/NA	Solid/Soil	3541	
WUK0308-06	B-22 8-10'	Total/NA	Solid/Soil	3541	
WUK0308-07	B-05-11 0-2'	Total/NA	Solid/Soil	3541	
WUK0308-08	B-23 0-2'	Total/NA	Solid/Soil	3541	
WUK0308-09	B-23 4-6'	Total/NA	Solid/Soil	3541	
WUK0308-10	B-23 8-10'	Total/NA	Solid/Soil	3541	
WUK0308-11	B-24 0-2'	Total/NA	Solid/Soil	3541	
WUK0308-12	B-25 0-2'	Total/NA	Solid/Soil	3541	
WUK0308-13	B-25 4-6'	Total/NA	Solid/Soil	3541	
WUK0308-14	B-25 8-10'	Total/NA	Solid/Soil	3541	
WUK0308-15	B-26 0-2'	Total/NA	Solid/Soil	3541	

QC Association Summary

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0308

GC Semi VOA (Continued)

Analysis Batch: 133149

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-42012-3 MS	WUK0308-03	Total/NA	Solid	8082	133127
500-42012-3 MSD	WUK0308-03	Total/NA	Solid	8082	133127
LCS 500-133127/2-A	Lab Control Sample	Total/NA	Solid	8082	133127
MB 500-133127/1-A	Method Blank	Total/NA	Solid	8082	133127
WUK0308-01	B-21 0-2'	Total/NA	Solid/Soil	8082	133127
WUK0308-02	B-21 4-6'	Total/NA	Solid/Soil	8082	133127
WUK0308-03	B-21 8-10'	Total/NA	Solid/Soil	8082	133127
WUK0308-04	B-22 0-2'	Total/NA	Solid/Soil	8082	133127
WUK0308-05	B-22 4-6'	Total/NA	Solid/Soil	8082	133127
WUK0308-06	B-22 8-10'	Total/NA	Solid/Soil	8082	133127
WUK0308-07	B-05-11 0-2'	Total/NA	Solid/Soil	8082	133127
WUK0308-08	B-23 0-2'	Total/NA	Solid/Soil	8082	133127
WUK0308-09	B-23 4-6'	Total/NA	Solid/Soil	8082	133127
WUK0308-10	B-23 8-10'	Total/NA	Solid/Soil	8082	133127
WUK0308-11	B-24 0-2'	Total/NA	Solid/Soil	8082	133127
WUK0308-12	B-25 0-2'	Total/NA	Solid/Soil	8082	133127
WUK0308-13	B-25 4-6'	Total/NA	Solid/Soil	8082	133127
WUK0308-14	B-25 8-10'	Total/NA	Solid/Soil	8082	133127
WUK0308-15	B-26 0-2'	Total/NA	Solid/Soil	8082	133127

Metals

Prep Batch: 133148

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-42012-1 DU	WUK0308-01	Total/NA	Solid	7471A	
500-42012-1 MS	WUK0308-01	Total/NA	Solid	7471A	
500-42012-1 MSD	WUK0308-01	Total/NA	Solid	7471A	
LCS 500-133148/8-A	Lab Control Sample	Total/NA	Solid	7471A	
MB 500-133148/7-A	Method Blank	Total/NA	Solid	7471A	
WUK0308-01	B-21 0-2'	Total/NA	Solid/Soil	7471A	
WUK0308-02	B-21 4-6'	Total/NA	Solid/Soil	7471A	
WUK0308-03	B-21 8-10'	Total/NA	Solid/Soil	7471A	
WUK0308-04	B-22 0-2'	Total/NA	Solid/Soil	7471A	
WUK0308-05	B-22 4-6'	Total/NA	Solid/Soil	7471A	
WUK0308-06	B-22 8-10'	Total/NA	Solid/Soil	7471A	
WUK0308-07	B-05-11 0-2'	Total/NA	Solid/Soil	7471A	
WUK0308-08	B-23 0-2'	Total/NA	Solid/Soil	7471A	
WUK0308-09	B-23 4-6'	Total/NA	Solid/Soil	7471A	
WUK0308-10	B-23 8-10'	Total/NA	Solid/Soil	7471A	
WUK0308-11	B-24 0-2'	Total/NA	Solid/Soil	7471A	
WUK0308-12	B-25 0-2'	Total/NA	Solid/Soil	7471A	
WUK0308-13	B-25 4-6'	Total/NA	Solid/Soil	7471A	
WUK0308-14	B-25 8-10'	Total/NA	Solid/Soil	7471A	
WUK0308-15	B-26 0-2'	Total/NA	Solid/Soil	7471A	

Prep Batch: 133154

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 500-133154/2-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 500-133154/1-A	Method Blank	Total/NA	Solid	3050B	
WUK0308-01	B-21 0-2'	Total/NA	Solid/Soil	3050B	
WUK0308-02	B-21 4-6'	Total/NA	Solid/Soil	3050B	
WUK0308-03	B-21 8-10'	Total/NA	Solid/Soil	3050B	

QC Association Summary

Client: Tetra Tech GEO
 Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0308

Metals (Continued)

Prep Batch: 133154 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
WUK0308-04	B-22 0-2'	Total/NA	Solid/Soil	3050B	
WUK0308-05	B-22 4-6'	Total/NA	Solid/Soil	3050B	
WUK0308-06	B-22 8-10'	Total/NA	Solid/Soil	3050B	
WUK0308-07	B-05-11 0-2'	Total/NA	Solid/Soil	3050B	
WUK0308-08	B-23 0-2'	Total/NA	Solid/Soil	3050B	
WUK0308-09	B-23 4-6'	Total/NA	Solid/Soil	3050B	
WUK0308-10	B-23 8-10'	Total/NA	Solid/Soil	3050B	
WUK0308-11	B-24 0-2'	Total/NA	Solid/Soil	3050B	
WUK0308-12	B-25 0-2'	Total/NA	Solid/Soil	3050B	
WUK0308-13	B-25 4-6'	Total/NA	Solid/Soil	3050B	
WUK0308-14	B-25 8-10'	Total/NA	Solid/Soil	3050B	
WUK0308-15	B-26 0-2'	Total/NA	Solid/Soil	3050B	

Analysis Batch: 133216

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-42012-1 DU	WUK0308-01	Total/NA	Solid	7471A	133148
500-42012-1 MS	WUK0308-01	Total/NA	Solid	7471A	133148
500-42012-1 MSD	WUK0308-01	Total/NA	Solid	7471A	133148
LCS 500-133148/8-A	Lab Control Sample	Total/NA	Solid	7471A	133148
MB 500-133148/7-A	Method Blank	Total/NA	Solid	7471A	133148
WUK0308-01	B-21 0-2'	Total/NA	Solid/Soil	7471A	133148
WUK0308-02	B-21 4-6'	Total/NA	Solid/Soil	7471A	133148
WUK0308-03	B-21 8-10'	Total/NA	Solid/Soil	7471A	133148
WUK0308-04	B-22 0-2'	Total/NA	Solid/Soil	7471A	133148
WUK0308-05	B-22 4-6'	Total/NA	Solid/Soil	7471A	133148
WUK0308-06	B-22 8-10'	Total/NA	Solid/Soil	7471A	133148
WUK0308-07	B-05-11 0-2'	Total/NA	Solid/Soil	7471A	133148
WUK0308-08	B-23 0-2'	Total/NA	Solid/Soil	7471A	133148
WUK0308-09	B-23 4-6'	Total/NA	Solid/Soil	7471A	133148
WUK0308-10	B-23 8-10'	Total/NA	Solid/Soil	7471A	133148
WUK0308-11	B-24 0-2'	Total/NA	Solid/Soil	7471A	133148
WUK0308-12	B-25 0-2'	Total/NA	Solid/Soil	7471A	133148
WUK0308-13	B-25 4-6'	Total/NA	Solid/Soil	7471A	133148
WUK0308-14	B-25 8-10'	Total/NA	Solid/Soil	7471A	133148
WUK0308-15	B-26 0-2'	Total/NA	Solid/Soil	7471A	133148

Analysis Batch: 133458

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 500-133154/2-A	Lab Control Sample	Total/NA	Solid	6010B	133154
MB 500-133154/1-A	Method Blank	Total/NA	Solid	6010B	133154
WUK0308-01	B-21 0-2'	Total/NA	Solid/Soil	6010B	133154
WUK0308-02	B-21 4-6'	Total/NA	Solid/Soil	6010B	133154
WUK0308-03	B-21 8-10'	Total/NA	Solid/Soil	6010B	133154
WUK0308-04	B-22 0-2'	Total/NA	Solid/Soil	6010B	133154
WUK0308-05	B-22 4-6'	Total/NA	Solid/Soil	6010B	133154
WUK0308-06	B-22 8-10'	Total/NA	Solid/Soil	6010B	133154
WUK0308-07	B-05-11 0-2'	Total/NA	Solid/Soil	6010B	133154
WUK0308-08	B-23 0-2'	Total/NA	Solid/Soil	6010B	133154
WUK0308-09	B-23 4-6'	Total/NA	Solid/Soil	6010B	133154
WUK0308-10	B-23 8-10'	Total/NA	Solid/Soil	6010B	133154
WUK0308-11	B-24 0-2'	Total/NA	Solid/Soil	6010B	133154
WUK0308-12	B-25 0-2'	Total/NA	Solid/Soil	6010B	133154

QC Association Summary

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0308

Metals (Continued)

Analysis Batch: 133458 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
WUK0308-13	B-25 4-6'	Total/NA	Solid/Soil	6010B	133154
WUK0308-14	B-25 8-10'	Total/NA	Solid/Soil	6010B	133154
WUK0308-15	B-26 0-2'	Total/NA	Solid/Soil	6010B	133154

General Chemistry

Analysis Batch: 132404

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
WUK0308-01	B-21 0-2'	Total/NA	Solid/Soil	Moisture	
WUK0308-02	B-21 4-6'	Total/NA	Solid/Soil	Moisture	
WUK0308-03	B-21 8-10'	Total/NA	Solid/Soil	Moisture	
WUK0308-04	B-22 0-2'	Total/NA	Solid/Soil	Moisture	
WUK0308-05	B-22 4-6'	Total/NA	Solid/Soil	Moisture	
WUK0308-06	B-22 8-10'	Total/NA	Solid/Soil	Moisture	
WUK0308-07	B-05-11 0-2'	Total/NA	Solid/Soil	Moisture	
WUK0308-08	B-23 0-2'	Total/NA	Solid/Soil	Moisture	
WUK0308-09	B-23 4-6'	Total/NA	Solid/Soil	Moisture	
WUK0308-10	B-23 8-10'	Total/NA	Solid/Soil	Moisture	
WUK0308-11	B-24 0-2'	Total/NA	Solid/Soil	Moisture	
WUK0308-12	B-25 0-2'	Total/NA	Solid/Soil	Moisture	
WUK0308-13	B-25 4-6'	Total/NA	Solid/Soil	Moisture	
WUK0308-14	B-25 8-10'	Total/NA	Solid/Soil	Moisture	
WUK0308-15	B-26 0-2'	Total/NA	Solid/Soil	Moisture	

WetChem

Analysis Batch: 11K0274

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
WUK0308-01	B-21 0-2'	Total	Solid/Soil	SM 2540G	11K0274_P
WUK0308-02	B-21 4-6'	Total	Solid/Soil	SM 2540G	11K0274_P
WUK0308-03	B-21 8-10'	Total	Solid/Soil	SM 2540G	11K0274_P
WUK0308-04	B-22 0-2'	Total	Solid/Soil	SM 2540G	11K0274_P
WUK0308-05	B-22 4-6'	Total	Solid/Soil	SM 2540G	11K0274_P
WUK0308-06	B-22 8-10'	Total	Solid/Soil	SM 2540G	11K0274_P
WUK0308-07	B-05-11 0-2'	Total	Solid/Soil	SM 2540G	11K0274_P
WUK0308-08	B-23 0-2'	Total	Solid/Soil	SM 2540G	11K0274_P
WUK0308-09	B-23 4-6'	Total	Solid/Soil	SM 2540G	11K0274_P
WUK0308-10	B-23 8-10'	Total	Solid/Soil	SM 2540G	11K0274_P
WUK0308-11	B-24 0-2'	Total	Solid/Soil	SM 2540G	11K0274_P
WUK0308-12	B-25 0-2'	Total	Solid/Soil	SM 2540G	11K0274_P
WUK0308-13	B-25 4-6'	Total	Solid/Soil	SM 2540G	11K0274_P
WUK0308-14	B-25 8-10'	Total	Solid/Soil	SM 2540G	11K0274_P
WUK0308-15	B-26 0-2'	Total	Solid/Soil	SM 2540G	11K0274_P

Prep Batch: 11K0274_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
WUK0308-01	B-21 0-2'	Total	Solid/Soil	% Solids	
WUK0308-02	B-21 4-6'	Total	Solid/Soil	% Solids	
WUK0308-03	B-21 8-10'	Total	Solid/Soil	% Solids	
WUK0308-04	B-22 0-2'	Total	Solid/Soil	% Solids	
WUK0308-05	B-22 4-6'	Total	Solid/Soil	% Solids	
WUK0308-06	B-22 8-10'	Total	Solid/Soil	% Solids	

QC Association Summary

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0308

WetChem (Continued)

Prep Batch: 11K0274_P (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
WUK0308-07	B-05-11 0-2'	Total	Solid/Soil	% Solids	
WUK0308-08	B-23 0-2'	Total	Solid/Soil	% Solids	
WUK0308-09	B-23 4-6'	Total	Solid/Soil	% Solids	
WUK0308-10	B-23 8-10'	Total	Solid/Soil	% Solids	
WUK0308-11	B-24 0-2'	Total	Solid/Soil	% Solids	
WUK0308-12	B-25 0-2'	Total	Solid/Soil	% Solids	
WUK0308-13	B-25 4-6'	Total	Solid/Soil	% Solids	
WUK0308-14	B-25 8-10'	Total	Solid/Soil	% Solids	
WUK0308-15	B-26 0-2'	Total	Solid/Soil	% Solids	



Lab Chronicle

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0308

Client Sample ID: B-21 0-2'

Lab Sample ID: WUK0308-01

Date Collected: 11/08/11 11:40

Matrix: Solid/Soil

Date Received: 11/09/11 16:20

Percent Solids: 89.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	Default Prep VOC		1.0	11K0131_P	11/11/11 12:52	ABA	TAL WT
Total	Analysis	SW 8260B		1.0	U001375	11/11/11 15:39	ABA	TAL WT
Total/NA	Prep	3541			133118	11/17/11 18:45	DEA	TAL CHI
Total/NA	Analysis	8270C		1	133406	11/21/11 21:17	GES	TAL CHI
Total/NA	Prep	3541			133127	11/17/11 21:01	DEA	TAL CHI
Total/NA	Analysis	8082		1	133149	11/18/11 16:25	GMO	TAL CHI
Total/NA	Prep	7471A			133148	11/18/11 09:50	MBG	TAL CHI
Total/NA	Analysis	7471A		1	133216	11/18/11 12:09	MBG	TAL CHI
Total/NA	Prep	3050B			133154	11/18/11 10:00	PJ	TAL CHI
Total/NA	Analysis	6010B		1	133458	11/21/11 11:31	TDS	TAL CHI
Total/NA	Analysis	Moisture		1	132404	11/11/11 16:56	CMV	TAL CHI
Total	Prep	% Solids		1.0	11K0274_P	11/11/11 08:05	BDD	TAL WT
Total	Analysis	SM 2540G		1.0	11K0274	11/23/11 08:06	BDD	TAL WT

Client Sample ID: B-21 4-6'

Lab Sample ID: WUK0308-02

Date Collected: 11/08/11 11:50

Matrix: Solid/Soil

Date Received: 11/09/11 16:20

Percent Solids: 84.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	Default Prep VOC		1.0	11K0131_P	11/11/11 12:52	ABA	TAL WT
Total	Analysis	SW 8260B		1.0	U001375	11/11/11 16:06	ABA	TAL WT
Total/NA	Prep	3541			133118	11/17/11 18:45	DEA	TAL CHI
Total/NA	Analysis	8270C		1	133406	11/21/11 21:38	GES	TAL CHI
Total/NA	Prep	3541	DL		133118	11/17/11 18:45	DEA	TAL CHI
Total/NA	Analysis	8270C	DL	2	133406	11/22/11 03:56	GES	TAL CHI
Total/NA	Prep	3541			133127	11/17/11 21:01	DEA	TAL CHI
Total/NA	Analysis	8082		1	133149	11/18/11 16:39	GMO	TAL CHI
Total/NA	Prep	7471A			133148	11/18/11 09:50	MBG	TAL CHI
Total/NA	Analysis	7471A		1	133216	11/18/11 12:24	MBG	TAL CHI
Total/NA	Prep	3050B			133154	11/18/11 10:00	PJ	TAL CHI
Total/NA	Analysis	6010B		1	133458	11/21/11 11:36	TDS	TAL CHI
Total/NA	Analysis	Moisture		1	132404	11/11/11 16:56	CMV	TAL CHI
Total	Prep	% Solids		1.0	11K0274_P	11/11/11 08:05	BDD	TAL WT
Total	Analysis	SM 2540G		1.0	11K0274	11/23/11 08:06	BDD	TAL WT

Client Sample ID: B-21 8-10'

Lab Sample ID: WUK0308-03

Date Collected: 11/08/11 12:00

Matrix: Solid/Soil

Date Received: 11/09/11 16:20

Percent Solids: 82.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	Default Prep VOC		1.0	11K0131_P	11/11/11 12:52	ABA	TAL WT
Total	Analysis	SW 8260B		1.0	U001375	11/11/11 16:33	ABA	TAL WT
Total/NA	Prep	3541			133118	11/17/11 18:45	DEA	TAL CHI
Total/NA	Analysis	8270C		1	133406	11/21/11 21:59	GES	TAL CHI

Lab Chronicle

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0308

Client Sample ID: B-21 8-10'

Lab Sample ID: WUK0308-03

Date Collected: 11/08/11 12:00

Matrix: Solid/Soil

Date Received: 11/09/11 16:20

Percent Solids: 82.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			133127	11/17/11 21:01	DEA	TAL CHI
Total/NA	Analysis	8082		1	133149	11/18/11 16:53	GMO	TAL CHI
Total/NA	Prep	7471A			133148	11/18/11 09:50	MBG	TAL CHI
Total/NA	Analysis	7471A		1	133216	11/18/11 12:26	MBG	TAL CHI
Total/NA	Prep	3050B			133154	11/18/11 10:00	PJ	TAL CHI
Total/NA	Analysis	6010B		1	133458	11/21/11 11:41	TDS	TAL CHI
Total/NA	Analysis	Moisture		1	132404	11/11/11 16:56	CMV	TAL CHI
Total	Prep	% Solids		1.0	11K0274_P	11/11/11 08:05	BDD	TAL WT
Total	Analysis	SM 2540G		1.0	11K0274	11/23/11 08:06	BDD	TAL WT

Client Sample ID: B-22 0-2'

Lab Sample ID: WUK0308-04

Date Collected: 11/08/11 12:25

Matrix: Solid/Soil

Date Received: 11/09/11 16:20

Percent Solids: 84.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	Default Prep VOC		1.0	11K0131_P	11/11/11 12:52	ABA	TAL WT
Total	Analysis	SW 8260B		1.0	U001375	11/11/11 17:00	ABA	TAL WT
Total/NA	Prep	3541			133118	11/17/11 18:45	DEA	TAL CHI
Total/NA	Analysis	8270C		1	133406	11/21/11 22:20	GES	TAL CHI
Total/NA	Prep	3541			133127	11/17/11 21:01	DEA	TAL CHI
Total/NA	Analysis	8082		1	133149	11/18/11 17:36	GMO	TAL CHI
Total/NA	Prep	7471A			133148	11/18/11 09:50	MBG	TAL CHI
Total/NA	Analysis	7471A		1	133216	11/18/11 12:28	MBG	TAL CHI
Total/NA	Prep	3050B			133154	11/18/11 10:00	PJ	TAL CHI
Total/NA	Analysis	6010B		1	133458	11/21/11 11:56	TDS	TAL CHI
Total/NA	Analysis	Moisture		1	132404	11/11/11 16:56	CMV	TAL CHI
Total	Prep	% Solids		1.0	11K0274_P	11/11/11 08:05	BDD	TAL WT
Total	Analysis	SM 2540G		1.0	11K0274	11/23/11 08:06	BDD	TAL WT

Client Sample ID: B-22 4-6'

Lab Sample ID: WUK0308-05

Date Collected: 11/08/11 12:35

Matrix: Solid/Soil

Date Received: 11/09/11 16:20

Percent Solids: 84.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	Default Prep VOC		1.0	11K0131_P	11/11/11 12:52	ABA	TAL WT
Total	Analysis	SW 8260B		1.0	U001375	11/11/11 17:27	ABA	TAL WT
Total/NA	Prep	3541			133118	11/17/11 18:45	DEA	TAL CHI
Total/NA	Analysis	8270C		10	133406	11/22/11 04:17	GES	TAL CHI
Total/NA	Prep	3541			133127	11/17/11 21:01	DEA	TAL CHI
Total/NA	Analysis	8082		1	133149	11/18/11 17:50	GMO	TAL CHI
Total/NA	Prep	7471A			133148	11/18/11 09:50	MBG	TAL CHI
Total/NA	Analysis	7471A		1	133216	11/18/11 12:30	MBG	TAL CHI
Total/NA	Prep	3050B			133154	11/18/11 10:00	PJ	TAL CHI
Total/NA	Analysis	6010B		1	133458	11/21/11 12:00	TDS	TAL CHI

Lab Chronicle

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0308

Client Sample ID: B-22 4-6'

Lab Sample ID: WUK0308-05

Date Collected: 11/08/11 12:35

Matrix: Solid/Soil

Date Received: 11/09/11 16:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	132404	11/11/11 16:56	CMV	TAL CHI
Total	Prep	% Solids		1.0	11K0274_P	11/11/11 08:05	BDD	TAL WT
Total	Analysis	SM 2540G		1.0	11K0274	11/23/11 08:06	BDD	TAL WT

Client Sample ID: B-22 8-10'

Lab Sample ID: WUK0308-06

Date Collected: 11/08/11 12:45

Matrix: Solid/Soil

Date Received: 11/09/11 16:20

Percent Solids: 81.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	Default Prep VOC		1.0	11K0131_P	11/11/11 12:52	ABA	TAL WT
Total	Analysis	SW 8260B		100	U001375	11/11/11 17:54	ABA	TAL WT
Total	Prep	Default Prep VOC	RE2	1.0	11K0210_P	11/17/11 13:37	ABA	TAL WT
Total	Analysis	SW 8260B	RE2	5.0	U001399	11/17/11 23:07	ABA	TAL WT
Total/NA	Prep	3541			133118	11/17/11 18:45	DEA	TAL CHI
Total/NA	Analysis	8270C		1	133406	11/21/11 23:02	GES	TAL CHI
Total/NA	Prep	3541	DL2		133118	11/17/11 18:45	DEA	TAL CHI
Total/NA	Analysis	8270C	DL2	100	133406	11/22/11 04:38	GES	TAL CHI
Total/NA	Prep	3541	DL		133118	11/17/11 18:45	DEA	TAL CHI
Total/NA	Analysis	8270C	DL	50	133580	11/22/11 15:24	JB	TAL CHI
Total/NA	Prep	3541			133127	11/17/11 21:01	DEA	TAL CHI
Total/NA	Analysis	8082		1	133149	11/18/11 18:04	GMO	TAL CHI
Total/NA	Prep	7471A			133148	11/18/11 09:50	MBG	TAL CHI
Total/NA	Analysis	7471A		1	133216	11/18/11 12:32	MBG	TAL CHI
Total/NA	Prep	3050B			133154	11/18/11 10:00	PJ	TAL CHI
Total/NA	Analysis	6010B		1	133458	11/21/11 12:05	TDS	TAL CHI
Total/NA	Analysis	Moisture		1	132404	11/11/11 16:56	CMV	TAL CHI
Total	Prep	% Solids		1.0	11K0274_P	11/11/11 08:05	BDD	TAL WT
Total	Analysis	SM 2540G		1.0	11K0274	11/23/11 08:06	BDD	TAL WT

Client Sample ID: B-05-11 0-2'

Lab Sample ID: WUK0308-07

Date Collected: 11/08/11 12:50

Matrix: Solid/Soil

Date Received: 11/09/11 16:20

Percent Solids: 85.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	Default Prep VOC		1.0	11K0131_P	11/11/11 12:52	ABA	TAL WT
Total	Analysis	SW 8260B		1.0	U001375	11/11/11 18:21	ABA	TAL WT
Total/NA	Prep	3541			133118	11/17/11 18:45	DEA	TAL CHI
Total/NA	Analysis	8270C		1	133406	11/21/11 23:23	GES	TAL CHI
Total/NA	Prep	3541			133127	11/17/11 21:01	DEA	TAL CHI
Total/NA	Analysis	8082		2	133149	11/20/11 11:41	GMO	TAL CHI
Total/NA	Prep	7471A			133148	11/18/11 09:50	MBG	TAL CHI
Total/NA	Analysis	7471A		1	133216	11/18/11 12:34	MBG	TAL CHI
Total/NA	Prep	3050B			133154	11/18/11 10:00	PJ	TAL CHI
Total/NA	Analysis	6010B		1	133458	11/21/11 12:10	TDS	TAL CHI

Lab Chronicle

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0308

Client Sample ID: B-05-11 0-2'

Lab Sample ID: WUK0308-07

Date Collected: 11/08/11 12:50

Matrix: Solid/Soil

Date Received: 11/09/11 16:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	132404	11/11/11 16:56	CMV	TAL CHI
Total	Prep	% Solids		1.0	11K0274_P	11/11/11 08:05	BDD	TAL WT
Total	Analysis	SM 2540G		1.0	11K0274	11/23/11 08:06	BDD	TAL WT

Client Sample ID: B-23 0-2'

Lab Sample ID: WUK0308-08

Date Collected: 11/08/11 13:20

Matrix: Solid/Soil

Date Received: 11/09/11 16:20

Percent Solids: 82.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	Default Prep VOC		1.0	11K0131_P	11/11/11 12:52	ABA	TAL WT
Total	Analysis	SW 8260B		1.0	U001375	11/11/11 18:49	ABA	TAL WT
Total/NA	Prep	3541			133118	11/17/11 18:45	DEA	TAL CHI
Total/NA	Analysis	8270C		1	133406	11/21/11 23:44	GES	TAL CHI
Total/NA	Prep	3541			133127	11/17/11 21:01	DEA	TAL CHI
Total/NA	Analysis	8082		1	133149	11/18/11 18:32	GMO	TAL CHI
Total/NA	Prep	7471A			133148	11/18/11 09:50	MBG	TAL CHI
Total/NA	Analysis	7471A		1	133216	11/18/11 12:36	MBG	TAL CHI
Total/NA	Prep	3050B			133154	11/18/11 10:00	PJ	TAL CHI
Total/NA	Analysis	6010B		1	133458	11/21/11 12:15	TDS	TAL CHI
Total/NA	Analysis	Moisture		1	132404	11/11/11 16:56	CMV	TAL CHI
Total	Prep	% Solids		1.0	11K0274_P	11/11/11 08:05	BDD	TAL WT
Total	Analysis	SM 2540G		1.0	11K0274	11/23/11 08:06	BDD	TAL WT

Client Sample ID: B-23 4-6'

Lab Sample ID: WUK0308-09

Date Collected: 11/08/11 13:30

Matrix: Solid/Soil

Date Received: 11/09/11 16:20

Percent Solids: 91.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	Default Prep VOC		1.0	11K0131_P	11/11/11 12:52	ABA	TAL WT
Total	Analysis	SW 8260B		1.0	U001375	11/11/11 19:16	ABA	TAL WT
Total/NA	Prep	3541			133118	11/17/11 18:45	DEA	TAL CHI
Total/NA	Analysis	8270C		1	133406	11/22/11 00:05	GES	TAL CHI
Total/NA	Prep	3541			133127	11/17/11 21:01	DEA	TAL CHI
Total/NA	Analysis	8082		1	133149	11/20/11 11:55	GMO	TAL CHI
Total/NA	Prep	7471A			133148	11/18/11 09:50	MBG	TAL CHI
Total/NA	Analysis	7471A		1	133216	11/18/11 12:37	MBG	TAL CHI
Total/NA	Prep	3050B			133154	11/18/11 10:00	PJ	TAL CHI
Total/NA	Analysis	6010B		1	133458	11/21/11 12:21	TDS	TAL CHI
Total/NA	Analysis	Moisture		1	132404	11/11/11 16:56	CMV	TAL CHI
Total	Prep	% Solids		1.0	11K0274_P	11/11/11 08:05	BDD	TAL WT
Total	Analysis	SM 2540G		1.0	11K0274	11/23/11 08:06	BDD	TAL WT

Lab Chronicle

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0308

Client Sample ID: B-23 8-10'

Lab Sample ID: WUK0308-10

Date Collected: 11/08/11 13:40

Matrix: Solid/Soil

Date Received: 11/09/11 16:20

Percent Solids: 77.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	Default Prep VOC		1.0	11K0131_P	11/11/11 12:52	ABA	TAL WT
Total	Analysis	SW 8260B		1.0	U001375	11/11/11 19:43	ABA	TAL WT
Total/NA	Prep	3541			133118	11/17/11 18:45	DEA	TAL CHI
Total/NA	Analysis	8270C		1	133406	11/22/11 00:26	GES	TAL CHI
Total/NA	Prep	3541	DL		133118	11/17/11 18:45	DEA	TAL CHI
Total/NA	Analysis	8270C	DL	10	133580	11/22/11 15:45	JB	TAL CHI
Total/NA	Prep	3541			133127	11/17/11 21:01	DEA	TAL CHI
Total/NA	Analysis	8082		1	133149	11/18/11 19:15	GMO	TAL CHI
Total/NA	Prep	7471A			133148	11/18/11 09:50	MBG	TAL CHI
Total/NA	Analysis	7471A		1	133216	11/18/11 12:39	MBG	TAL CHI
Total/NA	Prep	3050B			133154	11/18/11 10:00	PJ	TAL CHI
Total/NA	Analysis	6010B		1	133458	11/21/11 12:25	TDS	TAL CHI
Total/NA	Analysis	Moisture		1	132404	11/11/11 16:56	CMV	TAL CHI
Total	Prep	% Solids		1.0	11K0274_P	11/11/11 08:05	BDD	TAL WT
Total	Analysis	SM 2540G		1.0	11K0274	11/23/11 08:06	BDD	TAL WT

Client Sample ID: B-24 0-2'

Lab Sample ID: WUK0308-11

Date Collected: 11/08/11 13:45

Matrix: Solid/Soil

Date Received: 11/09/11 16:20

Percent Solids: 83

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	Default Prep VOC		1.0	11K0131_P	11/11/11 12:52	ABA	TAL WT
Total	Analysis	SW 8260B		1.0	U001375	11/11/11 20:10	ABA	TAL WT
Total/NA	Prep	3541			133118	11/17/11 18:45	DEA	TAL CHI
Total/NA	Analysis	8270C		1	133406	11/22/11 00:47	GES	TAL CHI
Total/NA	Prep	3541			133127	11/17/11 21:01	DEA	TAL CHI
Total/NA	Analysis	8082		1	133149	11/18/11 19:29	GMO	TAL CHI
Total/NA	Prep	7471A			133148	11/18/11 09:50	MBG	TAL CHI
Total/NA	Analysis	7471A		1	133216	11/18/11 12:41	MBG	TAL CHI
Total/NA	Prep	3050B			133154	11/18/11 10:00	PJ	TAL CHI
Total/NA	Analysis	6010B		1	133458	11/21/11 12:31	TDS	TAL CHI
Total/NA	Analysis	Moisture		1	132404	11/11/11 16:56	CMV	TAL CHI
Total	Prep	% Solids		1.0	11K0274_P	11/11/11 08:05	BDD	TAL WT
Total	Analysis	SM 2540G		1.0	11K0274	11/23/11 08:06	BDD	TAL WT

Client Sample ID: B-25 0-2'

Lab Sample ID: WUK0308-12

Date Collected: 11/08/11 13:55

Matrix: Solid/Soil

Date Received: 11/09/11 16:20

Percent Solids: 83.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	Default Prep VOC		1.0	11K0156_P	11/14/11 12:58	ABA	TAL WT
Total	Analysis	SW 8260B		1.0	U001383	11/14/11 18:45	ABA	TAL WT
Total/NA	Prep	3541			133118	11/17/11 18:45	DEA	TAL CHI
Total/NA	Analysis	8270C		1	133406	11/22/11 01:07	GES	TAL CHI

Lab Chronicle

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0308

Client Sample ID: B-25 0-2'

Lab Sample ID: WUK0308-12

Date Collected: 11/08/11 13:55

Matrix: Solid/Soil

Date Received: 11/09/11 16:20

Percent Solids: 83.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			133127	11/17/11 21:01	DEA	TAL CHI
Total/NA	Analysis	8082		1	133149	11/18/11 19:43	GMO	TAL CHI
Total/NA	Prep	7471A			133148	11/18/11 09:50	MBG	TAL CHI
Total/NA	Analysis	7471A		1	133216	11/18/11 13:21	MBG	TAL CHI
Total/NA	Prep	3050B			133154	11/18/11 10:00	PJ	TAL CHI
Total/NA	Analysis	6010B		1	133458	11/21/11 12:36	TDS	TAL CHI
Total/NA	Analysis	Moisture		1	132404	11/11/11 16:56	CMV	TAL CHI
Total	Prep	% Solids		1.0	11K0274_P	11/11/11 08:05	BDD	TAL WT
Total	Analysis	SM 2540G		1.0	11K0274	11/23/11 08:06	BDD	TAL WT

Client Sample ID: B-25 4-6'

Lab Sample ID: WUK0308-13

Date Collected: 11/08/11 14:05

Matrix: Solid/Soil

Date Received: 11/09/11 16:20

Percent Solids: 83.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	Default Prep VOC		1.0	11K0156_P	11/14/11 12:58	ABA	TAL WT
Total	Analysis	SW 8260B		1.0	U001383	11/14/11 19:13	ABA	TAL WT
Total/NA	Prep	3541			133118	11/17/11 18:45	DEA	TAL CHI
Total/NA	Analysis	8270C		1	133406	11/22/11 01:28	GES	TAL CHI
Total/NA	Prep	3541			133127	11/17/11 21:01	DEA	TAL CHI
Total/NA	Analysis	8082		1	133149	11/18/11 19:58	GMO	TAL CHI
Total/NA	Prep	7471A			133148	11/18/11 09:50	MBG	TAL CHI
Total/NA	Analysis	7471A		1	133216	11/18/11 13:22	MBG	TAL CHI
Total/NA	Prep	3050B			133154	11/18/11 10:00	PJ	TAL CHI
Total/NA	Analysis	6010B		1	133458	11/21/11 12:41	TDS	TAL CHI
Total/NA	Analysis	Moisture		1	132404	11/11/11 16:56	CMV	TAL CHI
Total	Prep	% Solids		1.0	11K0274_P	11/11/11 08:05	BDD	TAL WT
Total	Analysis	SM 2540G		1.0	11K0274	11/23/11 08:06	BDD	TAL WT

Client Sample ID: B-25 8-10'

Lab Sample ID: WUK0308-14

Date Collected: 11/08/11 14:15

Matrix: Solid/Soil

Date Received: 11/09/11 16:20

Percent Solids: 84.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	Default Prep VOC		1.0	11K0156_P	11/14/11 12:58	ABA	TAL WT
Total	Analysis	SW 8260B		1.0	U001383	11/14/11 19:40	ABA	TAL WT
Total/NA	Prep	3541			133118	11/17/11 18:45	DEA	TAL CHI
Total/NA	Analysis	8270C		1	133406	11/22/11 01:50	GES	TAL CHI
Total/NA	Prep	3541			133127	11/17/11 21:01	DEA	TAL CHI
Total/NA	Analysis	8082		1	133149	11/18/11 20:12	GMO	TAL CHI
Total/NA	Prep	7471A			133148	11/18/11 09:50	MBG	TAL CHI
Total/NA	Analysis	7471A		1	133216	11/18/11 13:24	MBG	TAL CHI
Total/NA	Prep	3050B			133154	11/18/11 10:00	PJ	TAL CHI
Total/NA	Analysis	6010B		1	133458	11/21/11 12:54	TDS	TAL CHI

Lab Chronicle

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0308

Client Sample ID: B-25 8-10'

Lab Sample ID: WUK0308-14

Date Collected: 11/08/11 14:15

Matrix: Solid/Soil

Date Received: 11/09/11 16:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	132404	11/11/11 16:56	CMV	TAL CHI
Total	Prep	% Solids		1.0	11K0274_P	11/11/11 08:05	BDD	TAL WT
Total	Analysis	SM 2540G		1.0	11K0274	11/23/11 08:06	BDD	TAL WT

Client Sample ID: B-26 0-2'

Lab Sample ID: WUK0308-15

Date Collected: 11/08/11 14:40

Matrix: Solid/Soil

Date Received: 11/09/11 16:20

Percent Solids: 85.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	Default Prep VOC		1.0	11K0156_P	11/14/11 12:58	ABA	TAL WT
Total	Analysis	SW 8260B		1.0	U001383	11/14/11 20:07	ABA	TAL WT
Total/NA	Prep	3541			133118	11/17/11 18:45	DEA	TAL CHI
Total/NA	Analysis	8270C		1	133406	11/22/11 02:11	GES	TAL CHI
Total/NA	Prep	3541			133127	11/17/11 21:01	DEA	TAL CHI
Total/NA	Analysis	8082		1	133149	11/18/11 20:26	GMO	TAL CHI
Total/NA	Prep	7471A			133148	11/18/11 09:50	MBG	TAL CHI
Total/NA	Analysis	7471A		1	133216	11/18/11 13:26	MBG	TAL CHI
Total/NA	Prep	3050B			133154	11/18/11 10:00	PJ	TAL CHI
Total/NA	Analysis	6010B		1	133458	11/21/11 12:59	TDS	TAL CHI
Total/NA	Analysis	Moisture		1	132404	11/11/11 16:56	CMV	TAL CHI
Total	Prep	% Solids		1.0	11K0274_P	11/11/11 08:05	BDD	TAL WT
Total	Analysis	SM 2540G		1.0	11K0274	11/23/11 08:06	BDD	TAL WT

Client Sample ID: Trip Blank(MeOH)

Lab Sample ID: WUK0308-16

Date Collected: 11/08/11 00:00

Matrix: Solid/Soil

Date Received: 11/09/11 16:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	Default Prep VOC		1.0	11K0156_P	11/14/11 12:58	ABA	TAL WT
Total	Analysis	SW 8260B		1.0	U001383	11/14/11 20:34	ABA	TAL WT

Laboratory References:

TAL CHI = TestAmerica Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

TAL WT = TestAmerica Watertown, 1101 Industrial Drive, Suites 9 & 10, Watertown, WI 53094, TEL 800-833-7036

Certification Summary

Client: Tetra Tech GEO
 Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0308

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Watertown		WI Dept of Agriculture (Micro)		105-266
TestAmerica Watertown	Illinois	NELAC	5	100453
TestAmerica Watertown	Minnesota	NELAC	5	055-999-366
TestAmerica Watertown	Wisconsin	State Program	5	128053530
TestAmerica Chicago	ACCLASS	DoD ELAP		ADE-1429
TestAmerica Chicago	ACCLASS	ISO/IEC 17025		AT-1428
TestAmerica Chicago	Alabama	State Program	4	40461
TestAmerica Chicago	California	NELAC	9	01132CA
TestAmerica Chicago	Florida	NELAC	4	E871072
TestAmerica Chicago	Georgia	Georgia EPD	4	N/A
TestAmerica Chicago	Georgia	State Program	4	939
TestAmerica Chicago	Hawaii	State Program	9	N/A
TestAmerica Chicago	Illinois	NELAC	5	100201
TestAmerica Chicago	Indiana	State Program	5	C-IL-02
TestAmerica Chicago	Iowa	State Program	7	82
TestAmerica Chicago	Kansas	NELAC	7	E-10161
TestAmerica Chicago	Kentucky	Kentucky UST	4	66
TestAmerica Chicago	Kentucky	State Program	4	90023
TestAmerica Chicago	Louisiana	NELAC	6	30720
TestAmerica Chicago	Massachusetts	State Program	1	M-IL035
TestAmerica Chicago	Mississippi	State Program	4	N/A
TestAmerica Chicago	North Carolina	North Carolina DENR	4	291
TestAmerica Chicago	Oklahoma	State Program	6	8908
TestAmerica Chicago	South Carolina	State Program	4	77001
TestAmerica Chicago	Texas	NELAC	6	T104704252-09-TX
TestAmerica Chicago	USDA	USDA		P330-09-00027
TestAmerica Chicago	Virginia	NELAC Secondary AB	3	460142
TestAmerica Chicago	Wisconsin	State Program	5	999580010
TestAmerica Chicago	Wyoming	State Program	8	8TMS-Q

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: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0308

Method	Method Description	Protocol	Laboratory
SW 8260B	VOCs by SW8260B		TAL WT
8270C	Semivolatile Organic Compounds (GC/MS)	SW846	TAL CHI
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL CHI
6010B	Metals (ICP)	SW846	TAL CHI
7471A	Mercury (CVAA)	SW846	TAL CHI
Moisture	Percent Moisture	EPA	TAL CHI
SM 2540G	General Chemistry Parameters		TAL WT

Protocol References:

EPA = US Environmental Protection Agency

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

Laboratory References:

TAL CHI = TestAmerica Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

TAL WT = TestAmerica Watertown, 1101 Industrial Drive, Suites 9 & 10, Watertown, WI 53094, TEL 800-833-7036

Sample Summary

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0308

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
WUK0308-01	B-21 0-2'	Solid/Soil	11/08/11 11:40	11/09/11 16:20
WUK0308-02	B-21 4-6'	Solid/Soil	11/08/11 11:50	11/09/11 16:20
WUK0308-03	B-21 8-10'	Solid/Soil	11/08/11 12:00	11/09/11 16:20
WUK0308-04	B-22 0-2'	Solid/Soil	11/08/11 12:25	11/09/11 16:20
WUK0308-05	B-22 4-6'	Solid/Soil	11/08/11 12:35	11/09/11 16:20
WUK0308-06	B-22 8-10'	Solid/Soil	11/08/11 12:45	11/09/11 16:20
WUK0308-07	B-05-11 0-2'	Solid/Soil	11/08/11 12:50	11/09/11 16:20
WUK0308-08	B-23 0-2'	Solid/Soil	11/08/11 13:20	11/09/11 16:20
WUK0308-09	B-23 4-6'	Solid/Soil	11/08/11 13:30	11/09/11 16:20
WUK0308-10	B-23 8-10'	Solid/Soil	11/08/11 13:40	11/09/11 16:20
WUK0308-11	B-24 0-2'	Solid/Soil	11/08/11 13:45	11/09/11 16:20
WUK0308-12	B-25 0-2'	Solid/Soil	11/08/11 13:55	11/09/11 16:20
WUK0308-13	B-25 4-6'	Solid/Soil	11/08/11 14:05	11/09/11 16:20
WUK0308-14	B-25 8-10'	Solid/Soil	11/08/11 14:15	11/09/11 16:20
WUK0308-15	B-26 0-2'	Solid/Soil	11/08/11 14:40	11/09/11 16:20
WUK0308-16	Trip Blank(MeOH)	Solid/Soil	11/08/11 00:00	11/09/11 16:20

Cooler Receipt Log

Work Order: WUK 0308 Client Name/Project: Tetra Tech/Geo # of Coolers: 1

1. How did samples arrive? Dunham Fed-Ex UPS TestAmerica Client USPS Speedee _____

Date/time cooler was opened: 11-9-11 13:30 By: R Wolff TEMP. 5.6°C

2. Were custody seals intact, signed and dated correctly?..... Intact Broken ~~NA~~
3. TAT (Turn Around Time) SUBCONTRACTED HOLD STANDARD RUSH
4. Were samples on ice? Yes No Water Ice & Water
5. Bottles supplied by Test America? Yes No
6. Number of containers are noted on COC (Chain of Custody) ? Yes No
7. Matrix is identified on COC ? Yes No
8. Did all sample containers arrive in good condition? OK Broken Frozen Slushy
9. Are there any short hold time tests ? (48hrs or less) No Yes
- Past Hold?..... No Yes

24 hours or less	48 hours	7 days
Coliform Bacteria		Aqueous Organic Prep
Fecal Bacteria (orange)	BOD CBOD	BNA 8270 DRO (HCL amber)
Total Bacteria (blue)		Herbs PAH (NT amber)
MPN Bacteria (black)	Nitrite NO2 Nitrate NO3	PCBs Pest/PCBs
SPC/HPC (standard plate count/hydrophilic plate-yellow)	OrthoPhosphate or	PNA
T. Residual Chlorine (NT bottle)	OrthoPhosphorus	TS (Total Solids) TDS
CR3 or CR6 (Hex Chromium VI - NT bottle)	Surfactants (MBAS)	TSS (Total Suspended Solids)
Dissolved Oxygen (DO)	Sulfite	Sulfide
	Turbidity	Volatile Solids

10. Ops Mgr, PM or Analyst informed of short hold? Who _____ When _____
11. Other than short hold test, were any samples within 2 days of their hold date No Yes
 Or past their expiration of hold time No Yes
12. Is the date and time of collection recorded on COC? Date..... Yes No on the containers Yes No
 Time Yes No on the containers Yes No
13. Are dissolved parameters field filtered or being filtered in the lab? Field Lab NA
14. Are sample volumes adequate and preservatives correct for test requested? Vol... Yes No
 Preservatives... Yes No
15. Were correct containers used for the analysis requested? Yes No
16. Do VOC samples have air bubbles >6mm ? No Yes NA
17. Is an aqueous Trip Blank included?..... Yes No NA
18. If received, how were DRO soil samples received? Weighed glass jar Packed jar
19. Is a Methanol Trip Blank included? Yes glass jar vial No NA
20. How were VOC soils received? Methanol Sodium Bisulfate Packed Jar Encore Other Water (see options*)
 • Within 48hrs of sampling Past 48hrs of sampling Frozen Not Frozen
21. Were all sample containers received and match the Sample Ids listed on COC? ... Yes No

If any changes are made to this Work Order after Login, or if comments must be made regarding this cooler, explain them below:

Vial B-22 4-6' reads 11:35 COC reads 12:35

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Watertown

1101 Industrial Drive, Suites 9 & 10

Watertown, WI 53094

Tel: 800-833-7036

TestAmerica Job ID: WUK0363

Client Project/Site: 117-2201257.02

Client Project Description: Beazer Oak Creek; Wabash Alloys

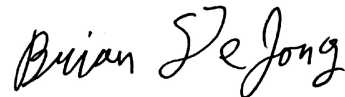
For:

Tetra Tech GEO

175 N. Corporate Drive Suite 100

Brookfield, WI 53045

Attn: Mr. Mike Noel



Authorized for release by:

11/28/2011 2:44:26 PM

Brian DeJong

Organics Manager

Brian.DeJong@testamericainc.com

Designee for

Dan F. Milewsky

Project Manager

Dan.Milewsky@testamericainc.com

LINKS

Review your project
results through

TotalAccess

Have a Question?



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www.testamericainc.com

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: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Qualifiers

GCMS Volatiles

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.

GC/MS Semi VOA

Qualifier	Qualifier Description
*	LCS or LCSD 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.
D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.
X	Surrogate is outside control limits
F	MS or MSD exceeds the control limits
F	RPD of the MS and MSD exceeds the control limits

GC Semi VOA

Qualifier	Qualifier Description
X	Surrogate is outside control limits
D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
V	Serial Dilution exceeds the control limits
F	MS or MSD exceeds the control limits
F	RPD of the MS and MSD exceeds the control limits
F	Duplicate RPD exceeds the control limit
4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.

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
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: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Job ID: WUK0363

Laboratory: TestAmerica Chicago

Narrative

Job Narrative 500-42095-1

Comments

No additional comments.

Receipt

All samples were received in good condition within temperature requirements.

GC/MS Semi VOA

Method(s) 8270C: The following samples were diluted due to the abundance of target analytes: WUK0363-16 (500-42095-16), WUK0363-18 (500-42095-18), WUK0363-19 (500-42095-19), WUK0363-23 (500-42095-23), WUK0363-24 (500-42095-24), WUK0363-28 (500-42095-28), WUK0363-30 (500-42095-30). Elevated reporting limits (RLs) are provided.

Method(s) 8270C: Due to the level of dilution required for the following samples, surrogate recoveries are not reported: WUK0363-15 (500-42095-15), WUK0363-16 (500-42095-16), WUK0363-18 (500-42095-18), WUK0363-23 (500-42095-23), WUK0363-30 (500-42095-30).

Method(s) 8270C: 500-42095-18 had Terphenyl-d14 at 230% (33%-129%). The other surrogates for this sample were within limits. No further action was required. WUK0363-18 (500-42095-18)

Method(s) 8270C: The laboratory control sample (LCS) for batch 133299 was below control limits for 2,4-Dinitrophenol at 7% (10%-100), but was within the marginal exceedence. No further action was required. WUK0363-01 (500-42095-1), WUK0363-02 (500-42095-2), WUK0363-03 (500-42095-3), WUK0363-04 (500-42095-4), WUK0363-05 (500-42095-5), WUK0363-06 (500-42095-6), WUK0363-07 (500-42095-7), WUK0363-08 (500-42095-8), WUK0363-09 (500-42095-9), WUK0363-10 (500-42095-10), WUK0363-11 (500-42095-11), WUK0363-12 (500-42095-12), WUK0363-13 (500-42095-13), WUK0363-14 (500-42095-14), WUK0363-15 (500-42095-15), WUK0363-16 (500-42095-16), WUK0363-17 (500-42095-17), WUK0363-18 (500-42095-18), WUK0363-19 (500-42095-19), WUK0363-20 (500-42095-20)

Method(s) 8270C: Six matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 133299 were outside control limits. There were six RPD's > 30%. The associated laboratory control sample (LCS) recovery met acceptance criteria, with the exception of one analyte. No further action was required. WUK0363-01 (500-42095-1)

Method(s) 8270C: The laboratory control sample (LCS) for batch 133388 exceeded control limits for 4-Chloro-3-methylphenol at 113% (60%-111%). This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported. WUK0363-21 (500-42095-21), WUK0363-22 (500-42095-22), WUK0363-23 (500-42095-23), WUK0363-24 (500-42095-24), WUK0363-25 (500-42095-25), WUK0363-26 (500-42095-26), WUK0363-27 (500-42095-27), WUK0363-28 (500-42095-28), WUK0363-29 (500-42095-29), WUK0363-30 (500-42095-30), WUK0363-31 (500-42095-31)

No other analytical or quality issues were noted.

GC Semi VOA

Method(s) 8082: The grand mean exception, as outlined in EPA Method 8000B, was applied to the continuing calibration verification (CCV) standard associated with batch 133260. This rule states that when one or more compounds in the CCV fail to meet acceptance criteria, the data may be reported if the average %D (the grand mean) of all the compounds in the CCV is less than or equal to 15%D. The following compounds are affected: AR1016. WUK0363-02 (500-42095-2), WUK0363-03 (500-42095-3), WUK0363-04 (500-42095-4), WUK0363-05 (500-42095-5), WUK0363-06 (500-42095-6)

Method(s) 8082: The capping continuing calibration verification (CCVs) associated with batches 133260 and 133259 did not meet control limits. Sample matrix is suspected to have contributed to this failure. WUK0363-07 (500-42095-7), WUK0363-10 (500-42095-10), WUK0363-11 (500-42095-11), WUK0363-12 (500-42095-12), WUK0363-13 (500-42095-13), WUK0363-15 (500-42095-15), WUK0363-20 (500-42095-20), WUK0363-27 (500-42095-27), WUK0363-28 (500-42095-28), WUK0363-29 (500-42095-29), WUK0363-30 (500-42095-30), WUK0363-31 (500-42095-31)

Method(s) 8082: The following samples required a mercury clean-up to reduce matrix interferences caused by sulfur: WUK0363-16

Case Narrative

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Job ID: WUK0363 (Continued)

Laboratory: TestAmerica Chicago (Continued)

(500-42095-16), WUK0363-18 (500-42095-18), WUK0363-24 (500-42095-24), WUK0363-28 (500-42095-28).

Method(s) 8082: The following sample was diluted due to the abundance of non-target analytes: WUK0363-19 (500-42095-19). Elevated reporting limits (RLs) are provided.

Method(s) 8082: The following samples were diluted due to the abundance of target analytes: WUK0363-14 (500-42095-14), WUK0363-21 (500-42095-21), WUK0363-22 (500-42095-22), WUK0363-25 (500-42095-25), WUK0363-29 (500-42095-29). Elevated reporting limits (RLs) are provided.

Method(s) 8082: Due to the level of dilution required for the following samples, surrogate recoveries are not reported: WUK0363-14 (500-42095-14), WUK0363-21 (500-42095-21), WUK0363-29 (500-42095-29).

Method(s) 8082: Surrogate recovery for the following sample was outside control limits: WUK0363-01 (500-42095-1), WUK0363-22 (500-42095-22). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

No other analytical or quality issues were noted.

Metals

Method(s) 6010B: The serial dilution performed for the following sample, 500-42095-30, was outside control limits for Pb.

Method(s) 6010B: The matrix duplicate %RPD for sample 500-42095-30 was outside the control limits for As, Ba, and Cr.

Method(s) 6010B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for sample 500-42095-30 were outside control limits for Se. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method(s) 7471A: The matrix spike and matrix spike duplicate (MS/MSD) recoveries and precision for sample 500-42095-22 were outside control limits for Hg. The associated laboratory control sample (LCS) recovery met acceptance criteria.

No other analytical or quality issues were noted.

Organic Prep

No analytical or quality issues were noted.

Detection Summary

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-27 0-2'

Lab Sample ID: WUK0363-01

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	0.030	J	0.042	0.013	mg/Kg	1	☼	8270C	Total/NA
Anthracene	0.073		0.042	0.0098	mg/Kg	1	☼	8270C	Total/NA
Benzo[a]anthracene	0.84		0.042	0.0088	mg/Kg	1	☼	8270C	Total/NA
Benzo[a]pyrene	0.96		0.042	0.0076	mg/Kg	1	☼	8270C	Total/NA
Benzo[b]fluoranthene	1.1		0.042	0.0081	mg/Kg	1	☼	8270C	Total/NA
Benzo[g,h,i]perylene	0.58		0.042	0.014	mg/Kg	1	☼	8270C	Total/NA
Benzo[k]fluoranthene	0.62		0.042	0.010	mg/Kg	1	☼	8270C	Total/NA
Carbazole	0.069	J	0.21	0.059	mg/Kg	1	☼	8270C	Total/NA
Chrysene	0.95		0.042	0.0095	mg/Kg	1	☼	8270C	Total/NA
Dibenz(a,h)anthracene	0.22		0.042	0.012	mg/Kg	1	☼	8270C	Total/NA
Fluoranthene	1.2		0.042	0.017	mg/Kg	1	☼	8270C	Total/NA
Indeno[1,2,3-cd]pyrene	0.50		0.042	0.014	mg/Kg	1	☼	8270C	Total/NA
Naphthalene	0.0095	J	0.042	0.0081	mg/Kg	1	☼	8270C	Total/NA
Phenanthrene	0.30		0.042	0.018	mg/Kg	1	☼	8270C	Total/NA
Pyrene	0.93		0.042	0.015	mg/Kg	1	☼	8270C	Total/NA
PCB-1248	0.020		0.020	0.0075	mg/Kg	1	☼	8082	Total/NA
Polychlorinated biphenyls, Total	0.025		0.020	0.0032	mg/Kg	1	☼	8082	Total/NA
Arsenic	3.1		1.1	0.15	mg/Kg	1	☼	6010B	Total/NA
Barium	32	B	1.1	0.061	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.40		0.22	0.029	mg/Kg	1	☼	6010B	Total/NA
Chromium	13	B	1.1	0.093	mg/Kg	1	☼	6010B	Total/NA
Lead	6.6		0.55	0.26	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: B-27 4-6'

Lab Sample ID: WUK0363-02

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	0.0098	J	0.038	0.0081	mg/Kg	1	☼	8270C	Total/NA
Benzo[a]pyrene	0.012	J	0.038	0.0070	mg/Kg	1	☼	8270C	Total/NA
Benzo[b]fluoranthene	0.012	J	0.038	0.0075	mg/Kg	1	☼	8270C	Total/NA
Benzo[g,h,i]perylene	0.013	J	0.038	0.013	mg/Kg	1	☼	8270C	Total/NA
Chrysene	0.011	J	0.038	0.0087	mg/Kg	1	☼	8270C	Total/NA
Arsenic	2.9		0.98	0.14	mg/Kg	1	☼	6010B	Total/NA
Barium	11	B	0.98	0.055	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.25		0.20	0.026	mg/Kg	1	☼	6010B	Total/NA
Chromium	5.2	B	0.98	0.083	mg/Kg	1	☼	6010B	Total/NA
Lead	4.1		0.49	0.23	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.0079	J	0.018	0.0056	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: B-27 8-10'

Lab Sample ID: WUK0363-03

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	5.7		1.2	0.16	mg/Kg	1	☼	6010B	Total/NA
Barium	40	B	1.2	0.065	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.35		0.23	0.031	mg/Kg	1	☼	6010B	Total/NA
Chromium	18	B	1.2	0.098	mg/Kg	1	☼	6010B	Total/NA
Lead	7.6		0.58	0.28	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.017		0.017	0.0053	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: B-04-11 0-2'

Lab Sample ID: WUK0363-04

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	0.028	J	0.038	0.0080	mg/Kg	1	☼	8270C	Total/NA
Benzo[a]pyrene	0.030	J	0.038	0.0070	mg/Kg	1	☼	8270C	Total/NA
Benzo[b]fluoranthene	0.035	J	0.038	0.0074	mg/Kg	1	☼	8270C	Total/NA

Detection Summary

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-04-11 0-2' (Continued)

Lab Sample ID: WUK0363-04

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[g,h,i]perylene	0.021	J	0.038	0.013	mg/Kg	1	☼	8270C	Total/NA
Benzo[k]fluoranthene	0.020	J	0.038	0.0091	mg/Kg	1	☼	8270C	Total/NA
Chrysene	0.031	J	0.038	0.0086	mg/Kg	1	☼	8270C	Total/NA
Fluoranthene	0.035	J	0.038	0.016	mg/Kg	1	☼	8270C	Total/NA
Indeno[1,2,3-cd]pyrene	0.017	J	0.038	0.013	mg/Kg	1	☼	8270C	Total/NA
Pyrene	0.035	J	0.038	0.014	mg/Kg	1	☼	8270C	Total/NA
Arsenic	6.1		1.2	0.16	mg/Kg	1	☼	6010B	Total/NA
Barium	63	B	1.2	0.065	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.45		0.23	0.032	mg/Kg	1	☼	6010B	Total/NA
Chromium	22	B	1.2	0.099	mg/Kg	1	☼	6010B	Total/NA
Lead	12		0.58	0.28	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.030		0.019	0.0059	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: B-28 0-2'

Lab Sample ID: WUK0363-05

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Anthracene	0.035	J	0.037	0.0088	mg/Kg	1	☼	8270C	Total/NA
Benzo[a]anthracene	0.23		0.037	0.0078	mg/Kg	1	☼	8270C	Total/NA
Benzo[a]pyrene	0.25		0.037	0.0068	mg/Kg	1	☼	8270C	Total/NA
Benzo[b]fluoranthene	0.28		0.037	0.0073	mg/Kg	1	☼	8270C	Total/NA
Benzo[g,h,i]perylene	0.16		0.037	0.013	mg/Kg	1	☼	8270C	Total/NA
Benzo[k]fluoranthene	0.17		0.037	0.0089	mg/Kg	1	☼	8270C	Total/NA
Chrysene	0.26		0.037	0.0084	mg/Kg	1	☼	8270C	Total/NA
Dibenz(a,h)anthracene	0.047		0.037	0.010	mg/Kg	1	☼	8270C	Total/NA
Fluoranthene	0.35		0.037	0.015	mg/Kg	1	☼	8270C	Total/NA
Fluorene	0.014	J	0.037	0.0085	mg/Kg	1	☼	8270C	Total/NA
Indeno[1,2,3-cd]pyrene	0.15		0.037	0.013	mg/Kg	1	☼	8270C	Total/NA
Phenanthrene	0.12		0.037	0.016	mg/Kg	1	☼	8270C	Total/NA
Pyrene	0.34		0.037	0.014	mg/Kg	1	☼	8270C	Total/NA
Arsenic	6.5		1.0	0.14	mg/Kg	1	☼	6010B	Total/NA
Barium	49	B	1.0	0.057	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.52		0.20	0.027	mg/Kg	1	☼	6010B	Total/NA
Chromium	19	B	1.0	0.086	mg/Kg	1	☼	6010B	Total/NA
Lead	13		0.50	0.24	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.032		0.019	0.0057	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: B-28 4-6'

Lab Sample ID: WUK0363-06

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]pyrene	0.0095	J	0.037	0.0068	mg/Kg	1	☼	8270C	Total/NA
Benzo[b]fluoranthene	0.011	J	0.037	0.0073	mg/Kg	1	☼	8270C	Total/NA
Arsenic	5.3		1.1	0.15	mg/Kg	1	☼	6010B	Total/NA
Barium	49	B	1.1	0.062	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.44		0.22	0.030	mg/Kg	1	☼	6010B	Total/NA
Chromium	19	B	1.1	0.094	mg/Kg	1	☼	6010B	Total/NA
Lead	10		0.55	0.26	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.015	J	0.018	0.0055	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: B-28 8-10'

Lab Sample ID: WUK0363-07

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	0.018	J	0.036	0.0076	mg/Kg	1	☼	8270C	Total/NA
Benzo[a]pyrene	0.023	J	0.036	0.0066	mg/Kg	1	☼	8270C	Total/NA
Benzo[b]fluoranthene	0.026	J	0.036	0.0071	mg/Kg	1	☼	8270C	Total/NA

Detection Summary

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-28 8-10' (Continued)

Lab Sample ID: WUK0363-07

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[g,h,i]perylene	0.017	J	0.036	0.012	mg/Kg	1	☼	8270C	Total/NA
Benzo[k]fluoranthene	0.015	J	0.036	0.0087	mg/Kg	1	☼	8270C	Total/NA
Chrysene	0.022	J	0.036	0.0082	mg/Kg	1	☼	8270C	Total/NA
Fluoranthene	0.024	J	0.036	0.015	mg/Kg	1	☼	8270C	Total/NA
Indeno[1,2,3-cd]pyrene	0.012	J	0.036	0.012	mg/Kg	1	☼	8270C	Total/NA
Pyrene	0.021	J	0.036	0.013	mg/Kg	1	☼	8270C	Total/NA
Arsenic	4.3		1.1	0.16	mg/Kg	1	☼	6010B	Total/NA
Barium	52	B	1.1	0.064	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.38		0.23	0.031	mg/Kg	1	☼	6010B	Total/NA
Chromium	17	B	1.1	0.097	mg/Kg	1	☼	6010B	Total/NA
Lead	8.3		0.57	0.28	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.019		0.017	0.0053	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: B-29 0-2'

Lab Sample ID: WUK0363-08

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	0.0083	J	0.036	0.0075	mg/Kg	1	☼	8270C	Total/NA
Benzo[a]pyrene	0.012	J	0.036	0.0066	mg/Kg	1	☼	8270C	Total/NA
Benzo[b]fluoranthene	0.013	J	0.036	0.0070	mg/Kg	1	☼	8270C	Total/NA
Benzo[k]fluoranthene	0.011	J	0.036	0.0086	mg/Kg	1	☼	8270C	Total/NA
Chrysene	0.012	J	0.036	0.0081	mg/Kg	1	☼	8270C	Total/NA
Arsenic	6.1		1.1	0.16	mg/Kg	1	☼	6010B	Total/NA
Barium	35	B	1.1	0.062	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.39		0.22	0.030	mg/Kg	1	☼	6010B	Total/NA
Chromium	18	B	1.1	0.095	mg/Kg	1	☼	6010B	Total/NA
Lead	9.6		0.56	0.27	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.020		0.017	0.0053	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: B-29 4-6'

Lab Sample ID: WUK0363-09

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	0.033	J	0.037	0.0078	mg/Kg	1	☼	8270C	Total/NA
Benzo[a]pyrene	0.045		0.037	0.0068	mg/Kg	1	☼	8270C	Total/NA
Benzo[b]fluoranthene	0.050		0.037	0.0072	mg/Kg	1	☼	8270C	Total/NA
Benzo[g,h,i]perylene	0.034	J	0.037	0.012	mg/Kg	1	☼	8270C	Total/NA
Benzo[k]fluoranthene	0.039		0.037	0.0088	mg/Kg	1	☼	8270C	Total/NA
Chrysene	0.050		0.037	0.0084	mg/Kg	1	☼	8270C	Total/NA
Fluoranthene	0.064		0.037	0.015	mg/Kg	1	☼	8270C	Total/NA
Indeno[1,2,3-cd]pyrene	0.027	J	0.037	0.012	mg/Kg	1	☼	8270C	Total/NA
Phenanthrene	0.021	J	0.037	0.016	mg/Kg	1	☼	8270C	Total/NA
Pyrene	0.067		0.037	0.013	mg/Kg	1	☼	8270C	Total/NA
Arsenic	8.4		1.1	0.16	mg/Kg	1	☼	6010B	Total/NA
Barium	43	B	1.1	0.062	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.42		0.22	0.030	mg/Kg	1	☼	6010B	Total/NA
Chromium	16	B	1.1	0.094	mg/Kg	1	☼	6010B	Total/NA
Lead	9.0		0.55	0.27	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.0061	J	0.018	0.0055	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: B-29 8-10'

Lab Sample ID: WUK0363-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	0.12		0.039	0.012	mg/Kg	1	☼	8270C	Total/NA
Anthracene	0.20		0.039	0.0093	mg/Kg	1	☼	8270C	Total/NA
Benzo[a]anthracene	0.22		0.039	0.0083	mg/Kg	1	☼	8270C	Total/NA

Detection Summary

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-29 8-10' (Continued)

Lab Sample ID: WUK0363-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]pyrene	0.18		0.039	0.0072	mg/Kg	1	☼	8270C	Total/NA
Benzo[b]fluoranthene	0.17		0.039	0.0077	mg/Kg	1	☼	8270C	Total/NA
Benzo[g,h,i]perylene	0.10		0.039	0.013	mg/Kg	1	☼	8270C	Total/NA
Benzo[k]fluoranthene	0.15		0.039	0.0095	mg/Kg	1	☼	8270C	Total/NA
Chrysene	0.23		0.039	0.0090	mg/Kg	1	☼	8270C	Total/NA
Dibenz(a,h)anthracene	0.032	J	0.039	0.011	mg/Kg	1	☼	8270C	Total/NA
Fluoranthene	0.66		0.039	0.016	mg/Kg	1	☼	8270C	Total/NA
Fluorene	0.12		0.039	0.0090	mg/Kg	1	☼	8270C	Total/NA
Indeno[1,2,3-cd]pyrene	0.10		0.039	0.013	mg/Kg	1	☼	8270C	Total/NA
Naphthalene	0.033	J	0.039	0.0077	mg/Kg	1	☼	8270C	Total/NA
Phenanthrene	0.65		0.039	0.017	mg/Kg	1	☼	8270C	Total/NA
Pyrene	0.45		0.039	0.014	mg/Kg	1	☼	8270C	Total/NA
Arsenic	3.4		1.2	0.17	mg/Kg	1	☼	6010B	Total/NA
Barium	77	B	1.2	0.067	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.36		0.24	0.032	mg/Kg	1	☼	6010B	Total/NA
Chromium	26	B	1.2	0.10	mg/Kg	1	☼	6010B	Total/NA
Lead	10		0.59	0.29	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.029		0.019	0.0058	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: B-30 0-2'

Lab Sample ID: WUK0363-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthylene	0.0089	J	0.037	0.0085	mg/Kg	1	☼	8270C	Total/NA
Anthracene	0.021	J	0.037	0.0087	mg/Kg	1	☼	8270C	Total/NA
Benzo[a]anthracene	0.20		0.037	0.0078	mg/Kg	1	☼	8270C	Total/NA
Benzo[a]pyrene	0.22		0.037	0.0068	mg/Kg	1	☼	8270C	Total/NA
Benzo[b]fluoranthene	0.26		0.037	0.0072	mg/Kg	1	☼	8270C	Total/NA
Benzo[g,h,i]perylene	0.15		0.037	0.013	mg/Kg	1	☼	8270C	Total/NA
Benzo[k]fluoranthene	0.14		0.037	0.0089	mg/Kg	1	☼	8270C	Total/NA
Chrysene	0.21		0.037	0.0084	mg/Kg	1	☼	8270C	Total/NA
Dibenz(a,h)anthracene	0.044		0.037	0.010	mg/Kg	1	☼	8270C	Total/NA
Fluoranthene	0.23		0.037	0.015	mg/Kg	1	☼	8270C	Total/NA
Indeno[1,2,3-cd]pyrene	0.13		0.037	0.013	mg/Kg	1	☼	8270C	Total/NA
Phenanthrene	0.047		0.037	0.016	mg/Kg	1	☼	8270C	Total/NA
Pyrene	0.23		0.037	0.013	mg/Kg	1	☼	8270C	Total/NA
Arsenic	3.7		1.0	0.15	mg/Kg	1	☼	6010B	Total/NA
Barium	49	B	1.0	0.058	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.31		0.21	0.028	mg/Kg	1	☼	6010B	Total/NA
Chromium	15	B	1.0	0.088	mg/Kg	1	☼	6010B	Total/NA
Lead	7.5		0.52	0.25	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.015	J	0.017	0.0052	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: B-30 4-6'

Lab Sample ID: WUK0363-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	0.0091	J	0.039	0.0083	mg/Kg	1	☼	8270C	Total/NA
Benzo[a]pyrene	0.0094	J	0.039	0.0072	mg/Kg	1	☼	8270C	Total/NA
Benzo[b]fluoranthene	0.013	J	0.039	0.0077	mg/Kg	1	☼	8270C	Total/NA
Chrysene	0.0099	J	0.039	0.0090	mg/Kg	1	☼	8270C	Total/NA
Arsenic	4.0		1.1	0.16	mg/Kg	1	☼	6010B	Total/NA
Barium	62	B	1.1	0.062	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.36		0.22	0.030	mg/Kg	1	☼	6010B	Total/NA
Chromium	20	B	1.1	0.094	mg/Kg	1	☼	6010B	Total/NA
Lead	7.9		0.56	0.27	mg/Kg	1	☼	6010B	Total/NA

Detection Summary

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-30 4-6' (Continued)

Lab Sample ID: WUK0363-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mercury	0.027		0.017	0.0053	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: B-30 8-10'

Lab Sample ID: WUK0363-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	0.039		0.039	0.012	mg/Kg	1	☼	8270C	Total/NA
Anthracene	0.014	J	0.039	0.0093	mg/Kg	1	☼	8270C	Total/NA
Benzo[a]anthracene	0.038	J	0.039	0.0083	mg/Kg	1	☼	8270C	Total/NA
Benzo[a]pyrene	0.046		0.039	0.0072	mg/Kg	1	☼	8270C	Total/NA
Benzo[b]fluoranthene	0.046		0.039	0.0077	mg/Kg	1	☼	8270C	Total/NA
Benzo[g,h,i]perylene	0.037	J	0.039	0.013	mg/Kg	1	☼	8270C	Total/NA
Benzo[k]fluoranthene	0.038	J	0.039	0.0094	mg/Kg	1	☼	8270C	Total/NA
Chrysene	0.041		0.039	0.0089	mg/Kg	1	☼	8270C	Total/NA
Dibenz(a,h)anthracene	0.016	J	0.039	0.011	mg/Kg	1	☼	8270C	Total/NA
Fluoranthene	0.048		0.039	0.016	mg/Kg	1	☼	8270C	Total/NA
Fluorene	0.034	J	0.039	0.0090	mg/Kg	1	☼	8270C	Total/NA
Indeno[1,2,3-cd]pyrene	0.032	J	0.039	0.013	mg/Kg	1	☼	8270C	Total/NA
Naphthalene	0.064		0.039	0.0076	mg/Kg	1	☼	8270C	Total/NA
Phenanthrene	0.022	J	0.039	0.017	mg/Kg	1	☼	8270C	Total/NA
Pyrene	0.042		0.039	0.014	mg/Kg	1	☼	8270C	Total/NA
Arsenic	4.6		1.1	0.15	mg/Kg	1	☼	6010B	Total/NA
Barium	69	B	1.1	0.060	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.29		0.21	0.029	mg/Kg	1	☼	6010B	Total/NA
Chromium	28	B	1.1	0.091	mg/Kg	1	☼	6010B	Total/NA
Lead	14		0.54	0.26	mg/Kg	1	☼	6010B	Total/NA
Selenium	0.55	J	1.1	0.30	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.037		0.018	0.0055	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: B-31 0-2'

Lab Sample ID: WUK0363-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	0.029	J	0.038	0.012	mg/Kg	1	☼	8270C	Total/NA
Acenaphthylene	0.16		0.038	0.0089	mg/Kg	1	☼	8270C	Total/NA
Anthracene	0.19		0.038	0.0091	mg/Kg	1	☼	8270C	Total/NA
Benzo[a]anthracene	0.68		0.038	0.0081	mg/Kg	1	☼	8270C	Total/NA
Benzo[a]pyrene	1.6		0.038	0.0070	mg/Kg	1	☼	8270C	Total/NA
Benzo[b]fluoranthene	2.0		0.038	0.0075	mg/Kg	1	☼	8270C	Total/NA
Benzo[g,h,i]perylene	1.4		0.038	0.013	mg/Kg	1	☼	8270C	Total/NA
Benzo[k]fluoranthene	1.3		0.038	0.0092	mg/Kg	1	☼	8270C	Total/NA
Chrysene	1.0		0.038	0.0087	mg/Kg	1	☼	8270C	Total/NA
Dibenz(a,h)anthracene	0.49		0.038	0.011	mg/Kg	1	☼	8270C	Total/NA
Fluoranthene	0.99		0.038	0.016	mg/Kg	1	☼	8270C	Total/NA
Fluorene	0.034	J	0.038	0.0088	mg/Kg	1	☼	8270C	Total/NA
Indeno[1,2,3-cd]pyrene	1.3		0.038	0.013	mg/Kg	1	☼	8270C	Total/NA
Phenanthrene	0.26		0.038	0.016	mg/Kg	1	☼	8270C	Total/NA
Pyrene	1.0		0.038	0.014	mg/Kg	1	☼	8270C	Total/NA
PCB-1248	4.3		0.38	0.14	mg/Kg	20	☼	8082	Total/NA
PCB-1254	4.7		0.38	0.11	mg/Kg	20	☼	8082	Total/NA
Polychlorinated biphenyls, Total	9.0		0.38	0.060	mg/Kg	20	☼	8082	Total/NA
Arsenic	5.7		1.2	0.16	mg/Kg	1	☼	6010B	Total/NA
Barium	50	B	1.2	0.064	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.40		0.23	0.031	mg/Kg	1	☼	6010B	Total/NA
Chromium	17	B	1.2	0.098	mg/Kg	1	☼	6010B	Total/NA
Lead	12		0.58	0.28	mg/Kg	1	☼	6010B	Total/NA

Detection Summary

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-31 0-2' (Continued)

Lab Sample ID: WUK0363-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mercury	0.031		0.017	0.0052	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: B-31 4-6'

Lab Sample ID: WUK0363-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	38	J	120	30	ug/kg dry	1.0	☼	SW 8260B	Total
Ethylbenzene	64	J	120	30	ug/kg dry	1.0	☼	SW 8260B	Total
1,2,4-Trimethylbenzene	110	J	120	30	ug/kg dry	1.0	☼	SW 8260B	Total
Naphthalene - RE1	20000		1200	610	ug/kg dry	10	☼	SW 8260B	Total
Acenaphthene	2.2		0.038	0.012	mg/Kg	1	☼	8270C	Total/NA
Acenaphthylene	2.3		0.038	0.0089	mg/Kg	1	☼	8270C	Total/NA
Dibenz(a,h)anthracene	1.6		0.038	0.011	mg/Kg	1	☼	8270C	Total/NA
2-Methylnaphthalene	1.9		0.19	0.050	mg/Kg	1	☼	8270C	Total/NA
1-Methylnaphthalene	2.2		0.038	0.019	mg/Kg	1	☼	8270C	Total/NA
Anthracene - DL	90		1.9	0.45	mg/Kg	50	☼	8270C	Total/NA
Benzo[a]anthracene - DL	24		1.9	0.40	mg/Kg	50	☼	8270C	Total/NA
Benzo[a]pyrene - DL	22		1.9	0.35	mg/Kg	50	☼	8270C	Total/NA
Benzo[b]fluoranthene - DL	19		1.9	0.37	mg/Kg	50	☼	8270C	Total/NA
Benzo[g,h,i]perylene - DL	11		1.9	0.65	mg/Kg	50	☼	8270C	Total/NA
Benzo[k]fluoranthene - DL	15		1.9	0.46	mg/Kg	50	☼	8270C	Total/NA
Chrysene - DL	25		1.9	0.44	mg/Kg	50	☼	8270C	Total/NA
Fluoranthene - DL	68		1.9	0.79	mg/Kg	50	☼	8270C	Total/NA
Fluorene - DL	19		1.9	0.44	mg/Kg	50	☼	8270C	Total/NA
Indeno[1,2,3-cd]pyrene - DL	11		1.9	0.65	mg/Kg	50	☼	8270C	Total/NA
Naphthalene - DL	21		1.9	0.37	mg/Kg	50	☼	8270C	Total/NA
Phenanthrene - DL	82		1.9	0.81	mg/Kg	50	☼	8270C	Total/NA
Pyrene - DL	45		1.9	0.70	mg/Kg	50	☼	8270C	Total/NA
Arsenic	6.0		1.1	0.15	mg/Kg	1	☼	6010B	Total/NA
Barium	62		1.1	0.061	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.35		0.22	0.029	mg/Kg	1	☼	6010B	Total/NA
Chromium	21		1.1	0.092	mg/Kg	1	☼	6010B	Total/NA
Lead	9.5		0.54	0.26	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.068		0.020	0.0061	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: B-31 8-10'

Lab Sample ID: WUK0363-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene - RE1	380		120	58	ug/kg dry	1.0	☼	SW 8260B	Total
Acenaphthene	5.4		1.9	0.57	mg/Kg	50	☼	8270C	Total/NA
Anthracene	13		1.9	0.45	mg/Kg	50	☼	8270C	Total/NA
Benzo[a]anthracene	67		1.9	0.40	mg/Kg	50	☼	8270C	Total/NA
Benzo[a]pyrene	72		1.9	0.35	mg/Kg	50	☼	8270C	Total/NA
Benzo[b]fluoranthene	79		1.9	0.37	mg/Kg	50	☼	8270C	Total/NA
Benzo[g,h,i]perylene	45		1.9	0.65	mg/Kg	50	☼	8270C	Total/NA
Benzo[k]fluoranthene	42		1.9	0.46	mg/Kg	50	☼	8270C	Total/NA
Chrysene	72		1.9	0.43	mg/Kg	50	☼	8270C	Total/NA
Dibenz(a,h)anthracene	8.9		1.9	0.54	mg/Kg	50	☼	8270C	Total/NA
Fluoranthene	110		1.9	0.79	mg/Kg	50	☼	8270C	Total/NA
Fluorene	5.3		1.9	0.44	mg/Kg	50	☼	8270C	Total/NA
Indeno[1,2,3-cd]pyrene	41		1.9	0.65	mg/Kg	50	☼	8270C	Total/NA
Naphthalene	3.5		1.9	0.37	mg/Kg	50	☼	8270C	Total/NA
Phenanthrene	49		1.9	0.80	mg/Kg	50	☼	8270C	Total/NA
Pyrene	98		1.9	0.69	mg/Kg	50	☼	8270C	Total/NA
Arsenic	4.4		1.1	0.16	mg/Kg	1	☼	6010B	Total/NA

Detection Summary

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-31 8-10' (Continued)

Lab Sample ID: WUK0363-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	56		1.1	0.064	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.43		0.23	0.031	mg/Kg	1	☼	6010B	Total/NA
Chromium	17		1.1	0.097	mg/Kg	1	☼	6010B	Total/NA
Lead	9.1		0.57	0.27	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.024		0.019	0.0058	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: B-32 0-2'

Lab Sample ID: WUK0363-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene - RE1	200		120	58	ug/kg dry	1.0	☼	SW 8260B	Total
Acenaphthene	0.079		0.038	0.011	mg/Kg	1	☼	8270C	Total/NA
Acenaphthylene	0.16		0.038	0.0088	mg/Kg	1	☼	8270C	Total/NA
Anthracene	0.44		0.038	0.0090	mg/Kg	1	☼	8270C	Total/NA
Benzo[a]anthracene	2.1		0.038	0.0080	mg/Kg	1	☼	8270C	Total/NA
Benzo[a]pyrene	2.2		0.038	0.0070	mg/Kg	1	☼	8270C	Total/NA
Benzo[b]fluoranthene	2.3		0.038	0.0075	mg/Kg	1	☼	8270C	Total/NA
Benzo[g,h,i]perylene	1.6		0.038	0.013	mg/Kg	1	☼	8270C	Total/NA
Benzo[k]fluoranthene	1.5		0.038	0.0092	mg/Kg	1	☼	8270C	Total/NA
Chrysene	2.5		0.038	0.0087	mg/Kg	1	☼	8270C	Total/NA
Dibenz(a,h)anthracene	0.71		0.038	0.011	mg/Kg	1	☼	8270C	Total/NA
Fluoranthene	2.5		0.038	0.016	mg/Kg	1	☼	8270C	Total/NA
Fluorene	0.088		0.038	0.0087	mg/Kg	1	☼	8270C	Total/NA
Indeno[1,2,3-cd]pyrene	1.4		0.038	0.013	mg/Kg	1	☼	8270C	Total/NA
Naphthalene	0.13		0.038	0.0074	mg/Kg	1	☼	8270C	Total/NA
Phenanthrene	1.0		0.038	0.016	mg/Kg	1	☼	8270C	Total/NA
Pyrene	2.1		0.038	0.014	mg/Kg	1	☼	8270C	Total/NA
1-Methylnaphthalene	0.045		0.038	0.019	mg/Kg	1	☼	8270C	Total/NA
PCB-1254	0.096		0.019	0.0054	mg/Kg	1	☼	8082	Total/NA
Polychlorinated biphenyls, Total	0.096		0.019	0.0029	mg/Kg	1	☼	8082	Total/NA
Arsenic	4.4		1.1	0.16	mg/Kg	1	☼	6010B	Total/NA
Barium	56		1.1	0.064	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.41		0.23	0.031	mg/Kg	1	☼	6010B	Total/NA
Chromium	18		1.1	0.097	mg/Kg	1	☼	6010B	Total/NA
Lead	28		0.57	0.27	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.13		0.018	0.0054	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: B-12-11 0-2'

Lab Sample ID: WUK0363-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene - RE1	240		120	29	ug/kg dry	1.0	☼	SW 8260B	Total
Naphthalene - RE1	7500		120	59	ug/kg dry	1.0	☼	SW 8260B	Total
Toluene - RE1	210		120	29	ug/kg dry	1.0	☼	SW 8260B	Total
1,2,4-Trimethylbenzene - RE1	49	J	120	29	ug/kg dry	1.0	☼	SW 8260B	Total
1,3,5-Trimethylbenzene - RE1	32	J	120	29	ug/kg dry	1.0	☼	SW 8260B	Total
Xylenes, total - RE1	190	J	350	88	ug/kg dry	1.0	☼	SW 8260B	Total
Acenaphthene	11		0.77	0.23	mg/Kg	20	☼	8270C	Total/NA
Acenaphthylene	32		0.77	0.18	mg/Kg	20	☼	8270C	Total/NA
Benzo[k]fluoranthene	35		0.77	0.19	mg/Kg	20	☼	8270C	Total/NA
Dibenz(a,h)anthracene	46		0.77	0.22	mg/Kg	20	☼	8270C	Total/NA
Fluorene	32		0.77	0.18	mg/Kg	20	☼	8270C	Total/NA
Naphthalene	23		0.77	0.15	mg/Kg	20	☼	8270C	Total/NA
2-Methylnaphthalene	7.9		3.9	1.0	mg/Kg	20	☼	8270C	Total/NA
1-Methylnaphthalene	5.9		0.77	0.39	mg/Kg	20	☼	8270C	Total/NA
Anthracene - DL	150		19	4.6	mg/Kg	500	☼	8270C	Total/NA

Detection Summary

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-12-11 0-2' (Continued)

Lab Sample ID: WUK0363-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene - DL	270		19	4.1	mg/Kg	500	☼	8270C	Total/NA
Benzo[a]pyrene - DL	260		19	3.6	mg/Kg	500	☼	8270C	Total/NA
Benzo[b]fluoranthene - DL	250		19	3.8	mg/Kg	500	☼	8270C	Total/NA
Benzo[g,h,i]perylene - DL	150		19	6.6	mg/Kg	500	☼	8270C	Total/NA
Chrysene - DL	290		19	4.4	mg/Kg	500	☼	8270C	Total/NA
Fluoranthene - DL	490		19	8.0	mg/Kg	500	☼	8270C	Total/NA
Indeno[1,2,3-cd]pyrene - DL	140		19	6.6	mg/Kg	500	☼	8270C	Total/NA
Phenanthrene - DL	200		19	8.2	mg/Kg	500	☼	8270C	Total/NA
Pyrene - DL	410		19	7.0	mg/Kg	500	☼	8270C	Total/NA
PCB-1248	0.34		0.019	0.0070	mg/Kg	1	☼	8082	Total/NA
PCB-1254	0.23		0.019	0.0055	mg/Kg	1	☼	8082	Total/NA
Polychlorinated biphenyls, Total	0.57		0.019	0.0030	mg/Kg	1	☼	8082	Total/NA
Arsenic	6.6		1.2	0.16	mg/Kg	1	☼	6010B	Total/NA
Barium	99		1.2	0.065	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.81		0.23	0.031	mg/Kg	1	☼	6010B	Total/NA
Chromium	73		1.2	0.099	mg/Kg	1	☼	6010B	Total/NA
Lead	47		0.58	0.28	mg/Kg	1	☼	6010B	Total/NA
Selenium	0.82	J	1.2	0.33	mg/Kg	1	☼	6010B	Total/NA
Silver	0.093	J	0.58	0.073	mg/Kg	1	☼	6010B	Total/NA
Mercury	4.1		0.92	0.28	mg/Kg	50	☼	7471A	Total/NA

Client Sample ID: B-33 0-2'

Lab Sample ID: WUK0363-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene - RE1	210		120	58	ug/kg dry	1.0	☼	SW 8260B	Total
Acenaphthene	0.25		0.19	0.058	mg/Kg	5	☼	8270C	Total/NA
Acenaphthylene	0.61		0.19	0.044	mg/Kg	5	☼	8270C	Total/NA
Anthracene	1.8		0.19	0.045	mg/Kg	5	☼	8270C	Total/NA
Benzo[a]anthracene	4.2		0.19	0.040	mg/Kg	5	☼	8270C	Total/NA
Benzo[a]pyrene	5.6		0.19	0.035	mg/Kg	5	☼	8270C	Total/NA
Benzo[b]fluoranthene	5.4		0.19	0.037	mg/Kg	5	☼	8270C	Total/NA
Benzo[g,h,i]perylene	3.8		0.19	0.065	mg/Kg	5	☼	8270C	Total/NA
Benzo[k]fluoranthene	4.2		0.19	0.046	mg/Kg	5	☼	8270C	Total/NA
Chrysene	5.1		0.19	0.043	mg/Kg	5	☼	8270C	Total/NA
Dibenz(a,h)anthracene	1.3		0.19	0.054	mg/Kg	5	☼	8270C	Total/NA
Fluoranthene	7.7		0.19	0.079	mg/Kg	5	☼	8270C	Total/NA
Fluorene	0.69		0.19	0.044	mg/Kg	5	☼	8270C	Total/NA
Indeno[1,2,3-cd]pyrene	3.5		0.19	0.065	mg/Kg	5	☼	8270C	Total/NA
Naphthalene	0.54		0.19	0.037	mg/Kg	5	☼	8270C	Total/NA
Phenanthrene	4.2		0.19	0.081	mg/Kg	5	☼	8270C	Total/NA
Pyrene	6.0		0.19	0.070	mg/Kg	5	☼	8270C	Total/NA
1-Methylnaphthalene	0.19		0.19	0.096	mg/Kg	5	☼	8270C	Total/NA
Arsenic	6.0		1.1	0.16	mg/Kg	1	☼	6010B	Total/NA
Barium	50		1.1	0.064	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.55		0.23	0.031	mg/Kg	1	☼	6010B	Total/NA
Chromium	23		1.1	0.097	mg/Kg	1	☼	6010B	Total/NA
Lead	60		0.57	0.27	mg/Kg	1	☼	6010B	Total/NA
Mercury	1.7		0.33	0.10	mg/Kg	20	☼	7471A	Total/NA

Client Sample ID: B-33 4-6'

Lab Sample ID: WUK0363-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Anthracene	0.031	J	0.038	0.0090	mg/Kg	1	☼	8270C	Total/NA
Benzo[a]anthracene	0.15		0.038	0.0080	mg/Kg	1	☼	8270C	Total/NA

Detection Summary

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-33 4-6' (Continued)

Lab Sample ID: WUK0363-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]pyrene	0.23		0.038	0.0069	mg/Kg	1	☒	8270C	Total/NA
Benzo[b]fluoranthene	0.24		0.038	0.0074	mg/Kg	1	☒	8270C	Total/NA
Benzo[g,h,i]perylene	0.16		0.038	0.013	mg/Kg	1	☒	8270C	Total/NA
Benzo[k]fluoranthene	0.15		0.038	0.0091	mg/Kg	1	☒	8270C	Total/NA
Chrysene	0.21		0.038	0.0086	mg/Kg	1	☒	8270C	Total/NA
Dibenz(a,h)anthracene	0.042		0.038	0.011	mg/Kg	1	☒	8270C	Total/NA
Fluoranthene	0.21		0.038	0.016	mg/Kg	1	☒	8270C	Total/NA
Indeno[1,2,3-cd]pyrene	0.14		0.038	0.013	mg/Kg	1	☒	8270C	Total/NA
Phenanthrene	0.070		0.038	0.016	mg/Kg	1	☒	8270C	Total/NA
Pyrene	0.19		0.038	0.014	mg/Kg	1	☒	8270C	Total/NA
Arsenic	5.0		1.1	0.16	mg/Kg	1	☒	6010B	Total/NA
Barium	66		1.1	0.064	mg/Kg	1	☒	6010B	Total/NA
Cadmium	0.33		0.23	0.031	mg/Kg	1	☒	6010B	Total/NA
Chromium	27		1.1	0.097	mg/Kg	1	☒	6010B	Total/NA
Lead	11		0.57	0.27	mg/Kg	1	☒	6010B	Total/NA
Mercury	0.034		0.017	0.0051	mg/Kg	1	☒	7471A	Total/NA

Client Sample ID: B-33 8-10'

Lab Sample ID: WUK0363-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Anthracene	0.034	J	0.037	0.0087	mg/Kg	1	☒	8270C	Total/NA
Benzo[a]anthracene	0.021	J	0.037	0.0078	mg/Kg	1	☒	8270C	Total/NA
Benzo[a]pyrene	0.029	J	0.037	0.0068	mg/Kg	1	☒	8270C	Total/NA
Benzo[b]fluoranthene	0.031	J	0.037	0.0072	mg/Kg	1	☒	8270C	Total/NA
Benzo[g,h,i]perylene	0.016	J	0.037	0.013	mg/Kg	1	☒	8270C	Total/NA
Benzo[k]fluoranthene	0.018	J	0.037	0.0088	mg/Kg	1	☒	8270C	Total/NA
Chrysene	0.022	J	0.037	0.0084	mg/Kg	1	☒	8270C	Total/NA
Fluoranthene	0.045		0.037	0.015	mg/Kg	1	☒	8270C	Total/NA
Fluorene	0.010	J	0.037	0.0084	mg/Kg	1	☒	8270C	Total/NA
Phenanthrene	0.039		0.037	0.016	mg/Kg	1	☒	8270C	Total/NA
Pyrene	0.034	J	0.037	0.013	mg/Kg	1	☒	8270C	Total/NA
PCB-1260	1.4		0.39	0.090	mg/Kg	20	☒	8082	Total/NA
Polychlorinated biphenyls, Total	1.4		0.39	0.060	mg/Kg	20	☒	8082	Total/NA
Arsenic	2.5		1.1	0.16	mg/Kg	1	☒	6010B	Total/NA
Barium	43		1.1	0.063	mg/Kg	1	☒	6010B	Total/NA
Cadmium	0.27		0.23	0.030	mg/Kg	1	☒	6010B	Total/NA
Chromium	14		1.1	0.096	mg/Kg	1	☒	6010B	Total/NA
Lead	6.2		0.56	0.27	mg/Kg	1	☒	6010B	Total/NA

Client Sample ID: B-10-11 0-2'

Lab Sample ID: WUK0363-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	0.020	J	0.038	0.011	mg/Kg	1	☒	8270C	Total/NA
Acenaphthylene	0.031	J	0.038	0.0088	mg/Kg	1	☒	8270C	Total/NA
Anthracene	0.12		0.038	0.0090	mg/Kg	1	☒	8270C	Total/NA
Benzo[a]anthracene	0.45		0.038	0.0080	mg/Kg	1	☒	8270C	Total/NA
Benzo[a]pyrene	0.46		0.038	0.0070	mg/Kg	1	☒	8270C	Total/NA
Benzo[b]fluoranthene	0.49		0.038	0.0075	mg/Kg	1	☒	8270C	Total/NA
Benzo[g,h,i]perylene	0.31		0.038	0.013	mg/Kg	1	☒	8270C	Total/NA
Benzo[k]fluoranthene	0.35		0.038	0.0092	mg/Kg	1	☒	8270C	Total/NA
Chrysene	0.50		0.038	0.0087	mg/Kg	1	☒	8270C	Total/NA
Dibenz(a,h)anthracene	0.10		0.038	0.011	mg/Kg	1	☒	8270C	Total/NA
Fluoranthene	0.66		0.038	0.016	mg/Kg	1	☒	8270C	Total/NA
Fluorene	0.027	J	0.038	0.0087	mg/Kg	1	☒	8270C	Total/NA

Detection Summary

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-10-11 0-2' (Continued)

Lab Sample ID: WUK0363-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Indeno[1,2,3-cd]pyrene	0.29		0.038	0.013	mg/Kg	1	☼	8270C	Total/NA
Naphthalene	0.032	J	0.038	0.0074	mg/Kg	1	☼	8270C	Total/NA
Phenanthrene	0.26		0.038	0.016	mg/Kg	1	☼	8270C	Total/NA
Pyrene	0.56		0.038	0.014	mg/Kg	1	☼	8270C	Total/NA
PCB-1254	0.57		0.19	0.055	mg/Kg	10	☼	8082	Total/NA
PCB-1260	0.94		0.19	0.045	mg/Kg	10	☼	8082	Total/NA
Polychlorinated biphenyls, Total	1.5		0.19	0.030	mg/Kg	10	☼	8082	Total/NA
Arsenic	5.2		1.1	0.16	mg/Kg	1	☼	6010B	Total/NA
Barium	51		1.1	0.063	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.31		0.22	0.030	mg/Kg	1	☼	6010B	Total/NA
Chromium	18		1.1	0.095	mg/Kg	1	☼	6010B	Total/NA
Lead	14		0.56	0.27	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.23		0.019	0.0057	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: B-34 0-2'

Lab Sample ID: WUK0363-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	240		120	59	ug/kg dry	1.0	☼	SW 8260B	Total
Acenaphthene	3.8		0.37	0.11	mg/Kg	10	☼	8270C	Total/NA
Acenaphthylene	0.13	J	0.37	0.086	mg/Kg	10	☼	8270C	Total/NA
Anthracene	14		0.37	0.088	mg/Kg	10	☼	8270C	Total/NA
Benzo[a]anthracene	26		0.37	0.078	mg/Kg	10	☼	8270C	Total/NA
Benzo[a]pyrene	21		0.37	0.068	mg/Kg	10	☼	8270C	Total/NA
Benzo[b]fluoranthene	22		0.37	0.072	mg/Kg	10	☼	8270C	Total/NA
Benzo[g,h,i]perylene	12		0.37	0.13	mg/Kg	10	☼	8270C	Total/NA
Benzo[k]fluoranthene	13		0.37	0.089	mg/Kg	10	☼	8270C	Total/NA
Chrysene	24		0.37	0.084	mg/Kg	10	☼	8270C	Total/NA
Dibenz(a,h)anthracene	5.4		0.37	0.10	mg/Kg	10	☼	8270C	Total/NA
Fluorene	5.5		0.37	0.085	mg/Kg	10	☼	8270C	Total/NA
Indeno[1,2,3-cd]pyrene	12		0.37	0.13	mg/Kg	10	☼	8270C	Total/NA
Naphthalene	1.1		0.37	0.072	mg/Kg	10	☼	8270C	Total/NA
2-Methylnaphthalene	0.49	J	1.9	0.48	mg/Kg	10	☼	8270C	Total/NA
1-Methylnaphthalene	0.53		0.37	0.19	mg/Kg	10	☼	8270C	Total/NA
Fluoranthene - DL	61		3.7	1.5	mg/Kg	100	☼	8270C	Total/NA
Phenanthrene - DL	45		3.7	1.6	mg/Kg	100	☼	8270C	Total/NA
Pyrene - DL	46		3.7	1.3	mg/Kg	100	☼	8270C	Total/NA
PCB-1260	0.046		0.019	0.0044	mg/Kg	1	☼	8082	Total/NA
Polychlorinated biphenyls, Total	0.046		0.019	0.0029	mg/Kg	1	☼	8082	Total/NA
Arsenic	5.6		1.1	0.16	mg/Kg	1	☼	6010B	Total/NA
Barium	57		1.1	0.063	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.22		0.22	0.030	mg/Kg	1	☼	6010B	Total/NA
Chromium	26		1.1	0.095	mg/Kg	1	☼	6010B	Total/NA
Lead	11	B	0.56	0.27	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.037		0.017	0.0052	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: B-09-11 0-2'

Lab Sample ID: WUK0363-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	0.91		0.42	0.13	mg/Kg	10	☼	8270C	Total/NA
Acenaphthylene	0.12	J	0.42	0.097	mg/Kg	10	☼	8270C	Total/NA
Anthracene	1.9		0.42	0.099	mg/Kg	10	☼	8270C	Total/NA
Benzo[a]anthracene	13		0.42	0.088	mg/Kg	10	☼	8270C	Total/NA
Benzo[a]pyrene	17		0.42	0.077	mg/Kg	10	☼	8270C	Total/NA
Benzo[b]fluoranthene	18		0.42	0.082	mg/Kg	10	☼	8270C	Total/NA

Detection Summary

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-09-11 0-2' (Continued)

Lab Sample ID: WUK0363-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[g,h,i]perylene	11		0.42	0.14	mg/Kg	10	☼	8270C	Total/NA
Benzo[k]fluoranthene	9.7		0.42	0.10	mg/Kg	10	☼	8270C	Total/NA
Chrysene	17		0.42	0.095	mg/Kg	10	☼	8270C	Total/NA
Dibenz(a,h)anthracene	4.4		0.42	0.12	mg/Kg	10	☼	8270C	Total/NA
Fluoranthene	18		0.42	0.17	mg/Kg	10	☼	8270C	Total/NA
Fluorene	0.82		0.42	0.096	mg/Kg	10	☼	8270C	Total/NA
Indeno[1,2,3-cd]pyrene	10		0.42	0.14	mg/Kg	10	☼	8270C	Total/NA
Naphthalene	1.6		0.42	0.081	mg/Kg	10	☼	8270C	Total/NA
Phenanthrene	8.7		0.42	0.18	mg/Kg	10	☼	8270C	Total/NA
Pyrene	17		0.42	0.15	mg/Kg	10	☼	8270C	Total/NA
2-Methylnaphthalene	0.70	J	2.1	0.55	mg/Kg	10	☼	8270C	Total/NA
1-Methylnaphthalene	0.73		0.42	0.21	mg/Kg	10	☼	8270C	Total/NA
PCB-1260	0.011	J	0.021	0.0049	mg/Kg	1	☼	8082	Total/NA
Polychlorinated biphenyls, Total	0.011	J	0.021	0.0033	mg/Kg	1	☼	8082	Total/NA
Arsenic	6.3		1.2	0.17	mg/Kg	1	☼	6010B	Total/NA
Barium	44		1.2	0.066	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.77		0.24	0.032	mg/Kg	1	☼	6010B	Total/NA
Chromium	15		1.2	0.10	mg/Kg	1	☼	6010B	Total/NA
Lead	19	B	0.59	0.28	mg/Kg	1	☼	6010B	Total/NA
Selenium	0.53	J	1.2	0.33	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.059		0.020	0.0061	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: B-35 0-2'

Lab Sample ID: WUK0363-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	370		120	60	ug/kg dry	1.0	☼	SW 8260B	Total
Acenaphthene	0.16		0.037	0.011	mg/Kg	1	☼	8270C	Total/NA
Acenaphthylene	0.010	J	0.037	0.0086	mg/Kg	1	☼	8270C	Total/NA
Anthracene	0.39		0.037	0.0088	mg/Kg	1	☼	8270C	Total/NA
Carbazole	0.29		0.19	0.053	mg/Kg	1	☼	8270C	Total/NA
Dibenz(a,h)anthracene	1.2		0.037	0.011	mg/Kg	1	☼	8270C	Total/NA
Dibenzofuran	0.067	J	0.19	0.045	mg/Kg	1	☼	8270C	Total/NA
Fluorene	0.13		0.037	0.0085	mg/Kg	1	☼	8270C	Total/NA
Indeno[1,2,3-cd]pyrene	2.2		0.037	0.013	mg/Kg	1	☼	8270C	Total/NA
Naphthalene	0.13		0.037	0.0072	mg/Kg	1	☼	8270C	Total/NA
Phenanthrene	1.4		0.037	0.016	mg/Kg	1	☼	8270C	Total/NA
Benzo[a]anthracene - DL	3.5		0.37	0.079	mg/Kg	10	☼	8270C	Total/NA
Benzo[a]pyrene - DL	4.9		0.37	0.069	mg/Kg	10	☼	8270C	Total/NA
Benzo[b]fluoranthene - DL	5.0		0.37	0.073	mg/Kg	10	☼	8270C	Total/NA
Benzo[g,h,i]perylene - DL	3.4		0.37	0.13	mg/Kg	10	☼	8270C	Total/NA
Benzo[k]fluoranthene - DL	2.8		0.37	0.090	mg/Kg	10	☼	8270C	Total/NA
Chrysene - DL	4.2		0.37	0.085	mg/Kg	10	☼	8270C	Total/NA
Fluoranthene - DL	4.2		0.37	0.15	mg/Kg	10	☼	8270C	Total/NA
Pyrene - DL	4.1		0.37	0.14	mg/Kg	10	☼	8270C	Total/NA
PCB-1248	0.22		0.037	0.014	mg/Kg	2	☼	8082	Total/NA
PCB-1254	0.032	J	0.037	0.011	mg/Kg	2	☼	8082	Total/NA
Polychlorinated biphenyls, Total	0.25		0.037	0.0058	mg/Kg	2	☼	8082	Total/NA
Arsenic	4.8		1.1	0.16	mg/Kg	1	☼	6010B	Total/NA
Barium	69		1.1	0.063	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.23		0.23	0.030	mg/Kg	1	☼	6010B	Total/NA
Chromium	30		1.1	0.096	mg/Kg	1	☼	6010B	Total/NA
Lead	12	B	0.56	0.27	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.041		0.018	0.0054	mg/Kg	1	☼	7471A	Total/NA

Detection Summary

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-35 4-6'

Lab Sample ID: WUK0363-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	0.10		0.037	0.0078	mg/Kg	1	☼	8270C	Total/NA
Benzo[a]pyrene	0.12		0.037	0.0068	mg/Kg	1	☼	8270C	Total/NA
Benzo[b]fluoranthene	0.16		0.037	0.0072	mg/Kg	1	☼	8270C	Total/NA
Benzo[g,h,i]perylene	0.096		0.037	0.013	mg/Kg	1	☼	8270C	Total/NA
Benzo[k]fluoranthene	0.062		0.037	0.0089	mg/Kg	1	☼	8270C	Total/NA
Chrysene	0.12		0.037	0.0084	mg/Kg	1	☼	8270C	Total/NA
Dibenz(a,h)anthracene	0.031	J	0.037	0.010	mg/Kg	1	☼	8270C	Total/NA
Fluoranthene	0.15		0.037	0.015	mg/Kg	1	☼	8270C	Total/NA
Indeno[1,2,3-cd]pyrene	0.082		0.037	0.013	mg/Kg	1	☼	8270C	Total/NA
Phenanthrene	0.029	J	0.037	0.016	mg/Kg	1	☼	8270C	Total/NA
Pyrene	0.12		0.037	0.013	mg/Kg	1	☼	8270C	Total/NA
Arsenic	2.7		0.99	0.14	mg/Kg	1	☼	6010B	Total/NA
Barium	320		0.99	0.055	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.23		0.20	0.027	mg/Kg	1	☼	6010B	Total/NA
Chromium	9.2		0.99	0.084	mg/Kg	1	☼	6010B	Total/NA
Lead	3.0	B	0.49	0.24	mg/Kg	1	☼	6010B	Total/NA
Selenium	0.40	J	0.99	0.28	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.0091	J	0.018	0.0055	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: B-35 8-10'

Lab Sample ID: WUK0363-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	2.7		1.1	0.16	mg/Kg	1	☼	6010B	Total/NA
Barium	370		1.1	0.063	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.14	J	0.23	0.031	mg/Kg	1	☼	6010B	Total/NA
Chromium	9.9		1.1	0.096	mg/Kg	1	☼	6010B	Total/NA
Lead	3.3	B	0.57	0.27	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.011	J	0.018	0.0056	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: B-14-11 0-2'

Lab Sample ID: WUK0363-28

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	850		120	58	ug/kg dry	1.0	☼	SW 8260B	Total
Acenaphthene	1.4		0.37	0.11	mg/Kg	10	☼	8270C	Total/NA
Acenaphthylene	0.42		0.37	0.086	mg/Kg	10	☼	8270C	Total/NA
Anthracene	3.8		0.37	0.088	mg/Kg	10	☼	8270C	Total/NA
Benzo[a]anthracene	15		0.37	0.078	mg/Kg	10	☼	8270C	Total/NA
Benzo[a]pyrene	15		0.37	0.068	mg/Kg	10	☼	8270C	Total/NA
Benzo[b]fluoranthene	15		0.37	0.073	mg/Kg	10	☼	8270C	Total/NA
Benzo[g,h,i]perylene	9.3		0.37	0.13	mg/Kg	10	☼	8270C	Total/NA
Benzo[k]fluoranthene	10		0.37	0.089	mg/Kg	10	☼	8270C	Total/NA
Chrysene	16		0.37	0.084	mg/Kg	10	☼	8270C	Total/NA
Dibenz(a,h)anthracene	4.1		0.37	0.10	mg/Kg	10	☼	8270C	Total/NA
Fluoranthene	24		0.37	0.15	mg/Kg	10	☼	8270C	Total/NA
Fluorene	1.5		0.37	0.085	mg/Kg	10	☼	8270C	Total/NA
Indeno[1,2,3-cd]pyrene	9.0		0.37	0.13	mg/Kg	10	☼	8270C	Total/NA
Naphthalene	3.6		0.37	0.072	mg/Kg	10	☼	8270C	Total/NA
Phenanthrene	12		0.37	0.16	mg/Kg	10	☼	8270C	Total/NA
Pyrene	19		0.37	0.14	mg/Kg	10	☼	8270C	Total/NA
2-Methylnaphthalene	0.77	J	1.9	0.48	mg/Kg	10	☼	8270C	Total/NA
1-Methylnaphthalene	0.69		0.37	0.19	mg/Kg	10	☼	8270C	Total/NA
PCB-1254	0.030		0.018	0.0053	mg/Kg	1	☼	8082	Total/NA
Polychlorinated biphenyls, Total	0.030		0.018	0.0029	mg/Kg	1	☼	8082	Total/NA
Arsenic	6.2		1.2	0.16	mg/Kg	1	☼	6010B	Total/NA

Detection Summary

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-14-11 0-2' (Continued)

Lab Sample ID: WUK0363-28

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	52		1.2	0.065	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.35		0.23	0.031	mg/Kg	1	☼	6010B	Total/NA
Chromium	17		1.2	0.099	mg/Kg	1	☼	6010B	Total/NA
Lead	17	B	0.58	0.28	mg/Kg	1	☼	6010B	Total/NA
Silver	0.70		0.58	0.073	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.19		0.017	0.0053	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: B-13-11 0-2'

Lab Sample ID: WUK0363-29

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	0.021	J	0.038	0.011	mg/Kg	1	☼	8270C	Total/NA
Anthracene	0.14		0.038	0.0090	mg/Kg	1	☼	8270C	Total/NA
Benzo[a]anthracene	0.23		0.038	0.0080	mg/Kg	1	☼	8270C	Total/NA
Benzo[a]pyrene	0.30		0.038	0.0070	mg/Kg	1	☼	8270C	Total/NA
Benzo[b]fluoranthene	0.36		0.038	0.0074	mg/Kg	1	☼	8270C	Total/NA
Benzo[g,h,i]perylene	0.22		0.038	0.013	mg/Kg	1	☼	8270C	Total/NA
Benzo[k]fluoranthene	0.16		0.038	0.0091	mg/Kg	1	☼	8270C	Total/NA
Carbazole	0.055	J	0.19	0.054	mg/Kg	1	☼	8270C	Total/NA
Chrysene	0.29		0.038	0.0086	mg/Kg	1	☼	8270C	Total/NA
Dibenz(a,h)anthracene	0.073		0.038	0.011	mg/Kg	1	☼	8270C	Total/NA
Fluoranthene	0.45		0.038	0.016	mg/Kg	1	☼	8270C	Total/NA
Fluorene	0.032	J	0.038	0.0087	mg/Kg	1	☼	8270C	Total/NA
Indeno[1,2,3-cd]pyrene	0.19		0.038	0.013	mg/Kg	1	☼	8270C	Total/NA
Naphthalene	0.079		0.038	0.0074	mg/Kg	1	☼	8270C	Total/NA
Phenanthrene	0.19		0.038	0.016	mg/Kg	1	☼	8270C	Total/NA
Pyrene	0.32		0.038	0.014	mg/Kg	1	☼	8270C	Total/NA
PCB-1248	9.8		2.0	0.72	mg/Kg	100	☼	8082	Total/NA
PCB-1254	5.3		2.0	0.56	mg/Kg	100	☼	8082	Total/NA
Polychlorinated biphenyls, Total	15		2.0	0.31	mg/Kg	100	☼	8082	Total/NA
Arsenic	3.4		1.1	0.15	mg/Kg	1	☼	6010B	Total/NA
Barium	56		1.1	0.062	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.45		0.22	0.030	mg/Kg	1	☼	6010B	Total/NA
Chromium	19		1.1	0.094	mg/Kg	1	☼	6010B	Total/NA
Lead	11	B	0.55	0.27	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.016	J	0.018	0.0054	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: B-08-11 0-2'

Lab Sample ID: WUK0363-30

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	390		130	64	ug/kg dry	1.0	☼	SW 8260B	Total
Acenaphthene	24		2.0	0.60	mg/Kg	50	☼	8270C	Total/NA
Anthracene	64		2.0	0.47	mg/Kg	50	☼	8270C	Total/NA
Dibenz(a,h)anthracene	57		2.0	0.56	mg/Kg	50	☼	8270C	Total/NA
Fluorene	21		2.0	0.45	mg/Kg	50	☼	8270C	Total/NA
Indeno[1,2,3-cd]pyrene	150		2.0	0.67	mg/Kg	50	☼	8270C	Total/NA
Naphthalene	16		2.0	0.38	mg/Kg	50	☼	8270C	Total/NA
2-Methylnaphthalene	4.6	J	10	2.6	mg/Kg	50	☼	8270C	Total/NA
1-Methylnaphthalene	4.6		2.0	0.99	mg/Kg	50	☼	8270C	Total/NA
Benzo[a]anthracene - DL	280		20	4.2	mg/Kg	500	☼	8270C	Total/NA
Benzo[a]pyrene - DL	350		20	3.6	mg/Kg	500	☼	8270C	Total/NA
Benzo[b]fluoranthene - DL	340		20	3.9	mg/Kg	500	☼	8270C	Total/NA
Benzo[g,h,i]perylene - DL	210		20	6.7	mg/Kg	500	☼	8270C	Total/NA
Benzo[k]fluoranthene - DL	260		20	4.8	mg/Kg	500	☼	8270C	Total/NA
Chrysene - DL	350		20	4.5	mg/Kg	500	☼	8270C	Total/NA

Detection Summary

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-08-11 0-2' (Continued)

Lab Sample ID: WUK0363-30

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluoranthene - DL	550		20	8.2	mg/Kg	500	☼	8270C	Total/NA
Phenanthrene - DL	290		20	8.4	mg/Kg	500	☼	8270C	Total/NA
Pyrene - DL	430		20	7.2	mg/Kg	500	☼	8270C	Total/NA
PCB-1248	0.31		0.021	0.0077	mg/Kg	1	☼	8082	Total/NA
PCB-1254	0.28		0.021	0.0060	mg/Kg	1	☼	8082	Total/NA
Polychlorinated biphenyls, Total	0.59		0.021	0.0033	mg/Kg	1	☼	8082	Total/NA
Arsenic	14		1.2	0.17	mg/Kg	1	☼	6010B	Total/NA
Barium	120		1.2	0.069	mg/Kg	1	☼	6010B	Total/NA
Cadmium	5.5		0.25	0.033	mg/Kg	1	☼	6010B	Total/NA
Chromium	350		1.2	0.10	mg/Kg	1	☼	6010B	Total/NA
Lead	160	B V	0.61	0.29	mg/Kg	1	☼	6010B	Total/NA
Silver	0.80		0.61	0.077	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.28		0.019	0.0059	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: B-07-11 0-2'

Lab Sample ID: WUK0363-31

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Anthracene	0.019	J	0.043	0.010	mg/Kg	1	☼	8270C	Total/NA
Benzo[a]anthracene	0.13		0.043	0.0090	mg/Kg	1	☼	8270C	Total/NA
Benzo[a]pyrene	0.17		0.043	0.0078	mg/Kg	1	☼	8270C	Total/NA
Benzo[b]fluoranthene	0.16		0.043	0.0083	mg/Kg	1	☼	8270C	Total/NA
Benzo[g,h,i]perylene	0.11		0.043	0.014	mg/Kg	1	☼	8270C	Total/NA
Benzo[k]fluoranthene	0.13		0.043	0.010	mg/Kg	1	☼	8270C	Total/NA
Chrysene	0.15		0.043	0.0097	mg/Kg	1	☼	8270C	Total/NA
Dibenz(a,h)anthracene	0.030	J	0.043	0.012	mg/Kg	1	☼	8270C	Total/NA
Fluoranthene	0.19		0.043	0.018	mg/Kg	1	☼	8270C	Total/NA
Indeno[1,2,3-cd]pyrene	0.099		0.043	0.014	mg/Kg	1	☼	8270C	Total/NA
Phenanthrene	0.069		0.043	0.018	mg/Kg	1	☼	8270C	Total/NA
Pyrene	0.18		0.043	0.016	mg/Kg	1	☼	8270C	Total/NA
Arsenic	6.9		1.2	0.17	mg/Kg	1	☼	6010B	Total/NA
Barium	110		1.2	0.067	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.14	J	0.24	0.032	mg/Kg	1	☼	6010B	Total/NA
Chromium	33		1.2	0.10	mg/Kg	1	☼	6010B	Total/NA
Lead	12	B	0.60	0.29	mg/Kg	1	☼	6010B	Total/NA
Selenium	0.36	J	1.2	0.33	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.026		0.020	0.0061	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: TB-2

Lab Sample ID: WUK0363-32

No Detections

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-27 0-2'

Lab Sample ID: WUK0363-01

Date Collected: 11/09/11 08:55

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 76.9

Method: SW 8260B - VOCs by SW8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<33		130	33	ug/kg dry	☼	11/14/11 12:58	11/14/11 21:01	1.0
Bromobenzene	<33		130	33	ug/kg dry	☼	11/14/11 12:58	11/14/11 21:01	1.0
Bromochloromethane	<33		130	33	ug/kg dry	☼	11/14/11 12:58	11/14/11 21:01	1.0
Bromodichloromethane	<33		130	33	ug/kg dry	☼	11/14/11 12:58	11/14/11 21:01	1.0
Bromoform	<33		130	33	ug/kg dry	☼	11/14/11 12:58	11/14/11 21:01	1.0
Bromomethane	<130		330	130	ug/kg dry	☼	11/14/11 12:58	11/14/11 21:01	1.0
n-Butylbenzene	<33		130	33	ug/kg dry	☼	11/14/11 12:58	11/14/11 21:01	1.0
sec-Butylbenzene	<33		130	33	ug/kg dry	☼	11/14/11 12:58	11/14/11 21:01	1.0
tert-Butylbenzene	<33		130	33	ug/kg dry	☼	11/14/11 12:58	11/14/11 21:01	1.0
Carbon Tetrachloride	<33		130	33	ug/kg dry	☼	11/14/11 12:58	11/14/11 21:01	1.0
Chlorobenzene	<33		130	33	ug/kg dry	☼	11/14/11 12:58	11/14/11 21:01	1.0
Chlorodibromomethane	<33		130	33	ug/kg dry	☼	11/14/11 12:58	11/14/11 21:01	1.0
Chloroethane	<65		130	65	ug/kg dry	☼	11/14/11 12:58	11/14/11 21:01	1.0
Chloroform	<33		130	33	ug/kg dry	☼	11/14/11 12:58	11/14/11 21:01	1.0
Chloromethane	<65		130	65	ug/kg dry	☼	11/14/11 12:58	11/14/11 21:01	1.0
2-Chlorotoluene	<65		130	65	ug/kg dry	☼	11/14/11 12:58	11/14/11 21:01	1.0
4-Chlorotoluene	<33		130	33	ug/kg dry	☼	11/14/11 12:58	11/14/11 21:01	1.0
1,2-Dibromo-3-chloropropane	<65		130	65	ug/kg dry	☼	11/14/11 12:58	11/14/11 21:01	1.0
1,2-Dibromoethane (EDB)	<33		130	33	ug/kg dry	☼	11/14/11 12:58	11/14/11 21:01	1.0
Dibromomethane	<33		130	33	ug/kg dry	☼	11/14/11 12:58	11/14/11 21:01	1.0
1,2-Dichlorobenzene	<33		130	33	ug/kg dry	☼	11/14/11 12:58	11/14/11 21:01	1.0
1,3-Dichlorobenzene	<33		130	33	ug/kg dry	☼	11/14/11 12:58	11/14/11 21:01	1.0
1,4-Dichlorobenzene	<33		130	33	ug/kg dry	☼	11/14/11 12:58	11/14/11 21:01	1.0
Dichlorodifluoromethane	<65		130	65	ug/kg dry	☼	11/14/11 12:58	11/14/11 21:01	1.0
1,1-Dichloroethane	<33		130	33	ug/kg dry	☼	11/14/11 12:58	11/14/11 21:01	1.0
1,2-Dichloroethane	<33		130	33	ug/kg dry	☼	11/14/11 12:58	11/14/11 21:01	1.0
1,1-Dichloroethene	<33		130	33	ug/kg dry	☼	11/14/11 12:58	11/14/11 21:01	1.0
cis-1,2-Dichloroethene	<33		130	33	ug/kg dry	☼	11/14/11 12:58	11/14/11 21:01	1.0
trans-1,2-Dichloroethene	<33		130	33	ug/kg dry	☼	11/14/11 12:58	11/14/11 21:01	1.0
1,2-Dichloropropane	<33		130	33	ug/kg dry	☼	11/14/11 12:58	11/14/11 21:01	1.0
1,3-Dichloropropane	<33		130	33	ug/kg dry	☼	11/14/11 12:58	11/14/11 21:01	1.0
2,2-Dichloropropane	<33		130	33	ug/kg dry	☼	11/14/11 12:58	11/14/11 21:01	1.0
1,1-Dichloropropene	<33		130	33	ug/kg dry	☼	11/14/11 12:58	11/14/11 21:01	1.0
cis-1,3-Dichloropropene	<33		130	33	ug/kg dry	☼	11/14/11 12:58	11/14/11 21:01	1.0
trans-1,3-Dichloropropene	<33		130	33	ug/kg dry	☼	11/14/11 12:58	11/14/11 21:01	1.0
Isopropyl Ether	<33		130	33	ug/kg dry	☼	11/14/11 12:58	11/14/11 21:01	1.0
Ethylbenzene	<33		130	33	ug/kg dry	☼	11/14/11 12:58	11/14/11 21:01	1.0
Hexachlorobutadiene	<33		130	33	ug/kg dry	☼	11/14/11 12:58	11/14/11 21:01	1.0
Isopropylbenzene	<33		130	33	ug/kg dry	☼	11/14/11 12:58	11/14/11 21:01	1.0
p-Isopropyltoluene	<33		130	33	ug/kg dry	☼	11/14/11 12:58	11/14/11 21:01	1.0
Methylene Chloride	<65		130	65	ug/kg dry	☼	11/14/11 12:58	11/14/11 21:01	1.0
Methyl tert-Butyl Ether	<33		130	33	ug/kg dry	☼	11/14/11 12:58	11/14/11 21:01	1.0
Naphthalene	<65		130	65	ug/kg dry	☼	11/14/11 12:58	11/14/11 21:01	1.0
n-Propylbenzene	<33		130	33	ug/kg dry	☼	11/14/11 12:58	11/14/11 21:01	1.0
Styrene	<65		130	65	ug/kg dry	☼	11/14/11 12:58	11/14/11 21:01	1.0
1,1,1,2-Tetrachloroethane	<33		130	33	ug/kg dry	☼	11/14/11 12:58	11/14/11 21:01	1.0
1,1,1,2,2-Tetrachloroethane	<33		130	33	ug/kg dry	☼	11/14/11 12:58	11/14/11 21:01	1.0
Tetrachloroethene	<33		130	33	ug/kg dry	☼	11/14/11 12:58	11/14/11 21:01	1.0
Toluene	<33		130	33	ug/kg dry	☼	11/14/11 12:58	11/14/11 21:01	1.0
1,2,3-Trichlorobenzene	<33		130	33	ug/kg dry	☼	11/14/11 12:58	11/14/11 21:01	1.0

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-27 0-2'

Lab Sample ID: WUK0363-01

Date Collected: 11/09/11 08:55

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 76.9

Method: SW 8260B - VOCs by SW8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<33		130	33	ug/kg dry	☼	11/14/11 12:58	11/14/11 21:01	1.0
1,1,1-Trichloroethane	<33		130	33	ug/kg dry	☼	11/14/11 12:58	11/14/11 21:01	1.0
1,1,2-Trichloroethane	<33		130	33	ug/kg dry	☼	11/14/11 12:58	11/14/11 21:01	1.0
Trichloroethene	<33		130	33	ug/kg dry	☼	11/14/11 12:58	11/14/11 21:01	1.0
Trichlorofluoromethane	<33		130	33	ug/kg dry	☼	11/14/11 12:58	11/14/11 21:01	1.0
1,2,3-Trichloropropane	<65		130	65	ug/kg dry	☼	11/14/11 12:58	11/14/11 21:01	1.0
1,2,4-Trimethylbenzene	<33		130	33	ug/kg dry	☼	11/14/11 12:58	11/14/11 21:01	1.0
1,3,5-Trimethylbenzene	<33		130	33	ug/kg dry	☼	11/14/11 12:58	11/14/11 21:01	1.0
Vinyl chloride	<33		130	33	ug/kg dry	☼	11/14/11 12:58	11/14/11 21:01	1.0
Xylenes, total	<98		390	98	ug/kg dry	☼	11/14/11 12:58	11/14/11 21:01	1.0
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Dibromofluoromethane	97		80 - 120				11/14/11 12:58	11/14/11 21:01	1.0
Toluene-d8	98		80 - 120				11/14/11 12:58	11/14/11 21:01	1.0
4-Bromofluorobenzene	98		80 - 120				11/14/11 12:58	11/14/11 21:01	1.0

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.047		0.21	0.047	mg/Kg	☼	11/19/11 10:29	11/22/11 16:06	1
1,2-Dichlorobenzene	<0.046		0.21	0.046	mg/Kg	☼	11/19/11 10:29	11/22/11 16:06	1
1,3-Dichlorobenzene	<0.044		0.21	0.044	mg/Kg	☼	11/19/11 10:29	11/22/11 16:06	1
1,4-Dichlorobenzene	<0.044		0.21	0.044	mg/Kg	☼	11/19/11 10:29	11/22/11 16:06	1
2,4,5-Trichlorophenol	<0.12		0.42	0.12	mg/Kg	☼	11/19/11 10:29	11/22/11 16:06	1
2,4,6-Trichlorophenol	<0.053		0.42	0.053	mg/Kg	☼	11/19/11 10:29	11/22/11 16:06	1
2,4-Dichlorophenol	<0.13		0.42	0.13	mg/Kg	☼	11/19/11 10:29	11/22/11 16:06	1
2,4-Dimethylphenol	<0.13		0.42	0.13	mg/Kg	☼	11/19/11 10:29	11/22/11 16:06	1
2,4-Dinitrophenol	<0.21	*	0.84	0.21	mg/Kg	☼	11/19/11 10:29	11/22/11 16:06	1
2,4-Dinitrotoluene	<0.064		0.21	0.064	mg/Kg	☼	11/19/11 10:29	11/22/11 16:06	1
2,6-Dinitrotoluene	<0.050		0.21	0.050	mg/Kg	☼	11/19/11 10:29	11/22/11 16:06	1
2-Chloronaphthalene	<0.047		0.21	0.047	mg/Kg	☼	11/19/11 10:29	11/22/11 16:06	1
2-Chlorophenol	<0.060		0.21	0.060	mg/Kg	☼	11/19/11 10:29	11/22/11 16:06	1
2-Methylnaphthalene	<0.054		0.21	0.054	mg/Kg	☼	11/19/11 10:29	11/22/11 16:06	1
2-Methylphenol	<0.056		0.21	0.056	mg/Kg	☼	11/19/11 10:29	11/22/11 16:06	1
2-Nitroaniline	<0.075		0.21	0.075	mg/Kg	☼	11/19/11 10:29	11/22/11 16:06	1
2-Nitrophenol	<0.066		0.42	0.066	mg/Kg	☼	11/19/11 10:29	11/22/11 16:06	1
3 & 4 Methylphenol	<0.079		0.21	0.079	mg/Kg	☼	11/19/11 10:29	11/22/11 16:06	1
3,3'-Dichlorobenzidine	<0.035		0.21	0.035	mg/Kg	☼	11/19/11 10:29	11/22/11 16:06	1
3-Nitroaniline	<0.081		0.42	0.081	mg/Kg	☼	11/19/11 10:29	11/22/11 16:06	1
4,6-Dinitro-2-methylphenol	<0.10		0.42	0.10	mg/Kg	☼	11/19/11 10:29	11/22/11 16:06	1
4-Bromophenyl phenyl ether	<0.047		0.21	0.047	mg/Kg	☼	11/19/11 10:29	11/22/11 16:06	1
4-Chloro-3-methylphenol	<0.20		0.42	0.20	mg/Kg	☼	11/19/11 10:29	11/22/11 16:06	1
4-Chloroaniline	<0.13		0.84	0.13	mg/Kg	☼	11/19/11 10:29	11/22/11 16:06	1
4-Chlorophenyl phenyl ether	<0.066		0.21	0.066	mg/Kg	☼	11/19/11 10:29	11/22/11 16:06	1
4-Nitroaniline	<0.086		0.42	0.086	mg/Kg	☼	11/19/11 10:29	11/22/11 16:06	1
4-Nitrophenol	<0.23		0.84	0.23	mg/Kg	☼	11/19/11 10:29	11/22/11 16:06	1
Acenaphthene	0.030	J	0.042	0.013	mg/Kg	☼	11/19/11 10:29	11/22/11 16:06	1
Acenaphthylene	<0.0096		0.042	0.0096	mg/Kg	☼	11/19/11 10:29	11/22/11 16:06	1
Anthracene	0.073		0.042	0.0098	mg/Kg	☼	11/19/11 10:29	11/22/11 16:06	1
Benzo[a]anthracene	0.84		0.042	0.0088	mg/Kg	☼	11/19/11 10:29	11/22/11 16:06	1
Benzo[a]pyrene	0.96		0.042	0.0076	mg/Kg	☼	11/19/11 10:29	11/22/11 16:06	1
Benzo[b]fluoranthene	1.1		0.042	0.0081	mg/Kg	☼	11/19/11 10:29	11/22/11 16:06	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-27 0-2'

Lab Sample ID: WUK0363-01

Date Collected: 11/09/11 08:55

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 76.9

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[g,h,i]perylene	0.58		0.042	0.014	mg/Kg	☼	11/19/11 10:29	11/22/11 16:06	1
Benzo[k]fluoranthene	0.62		0.042	0.010	mg/Kg	☼	11/19/11 10:29	11/22/11 16:06	1
bis (2-chloroisopropyl) ether	<0.046		0.21	0.046	mg/Kg	☼	11/19/11 10:29	11/22/11 16:06	1
Bis(2-chloroethoxy)methane	<0.046		0.21	0.046	mg/Kg	☼	11/19/11 10:29	11/22/11 16:06	1
Bis(2-chloroethyl)ether	<0.062		0.21	0.062	mg/Kg	☼	11/19/11 10:29	11/22/11 16:06	1
Bis(2-ethylhexyl) phthalate	<0.055		0.21	0.055	mg/Kg	☼	11/19/11 10:29	11/22/11 16:06	1
Butyl benzyl phthalate	<0.052		0.21	0.052	mg/Kg	☼	11/19/11 10:29	11/22/11 16:06	1
Carbazole	0.069	J	0.21	0.059	mg/Kg	☼	11/19/11 10:29	11/22/11 16:06	1
Chrysene	0.95		0.042	0.0095	mg/Kg	☼	11/19/11 10:29	11/22/11 16:06	1
Dibenz(a,h)anthracene	0.22		0.042	0.012	mg/Kg	☼	11/19/11 10:29	11/22/11 16:06	1
Dibenzofuran	<0.050		0.21	0.050	mg/Kg	☼	11/19/11 10:29	11/22/11 16:06	1
Diethyl phthalate	<0.070		0.21	0.070	mg/Kg	☼	11/19/11 10:29	11/22/11 16:06	1
Dimethyl phthalate	<0.052		0.21	0.052	mg/Kg	☼	11/19/11 10:29	11/22/11 16:06	1
Di-n-butyl phthalate	<0.053		0.21	0.053	mg/Kg	☼	11/19/11 10:29	11/22/11 16:06	1
Di-n-octyl phthalate	<0.085		0.21	0.085	mg/Kg	☼	11/19/11 10:29	11/22/11 16:06	1
Fluoranthene	1.2		0.042	0.017	mg/Kg	☼	11/19/11 10:29	11/22/11 16:06	1
Fluorene	<0.0095		0.042	0.0095	mg/Kg	☼	11/19/11 10:29	11/22/11 16:06	1
Hexachlorobenzene	<0.0082		0.084	0.0082	mg/Kg	☼	11/19/11 10:29	11/22/11 16:06	1
Hexachlorobutadiene	<0.055		0.21	0.055	mg/Kg	☼	11/19/11 10:29	11/22/11 16:06	1
Hexachlorocyclopentadiene	<0.19		0.84	0.19	mg/Kg	☼	11/19/11 10:29	11/22/11 16:06	1
Hexachloroethane	<0.045		0.21	0.045	mg/Kg	☼	11/19/11 10:29	11/22/11 16:06	1
Indeno[1,2,3-cd]pyrene	0.50		0.042	0.014	mg/Kg	☼	11/19/11 10:29	11/22/11 16:06	1
Isophorone	<0.047		0.21	0.047	mg/Kg	☼	11/19/11 10:29	11/22/11 16:06	1
Naphthalene	0.0095	J	0.042	0.0081	mg/Kg	☼	11/19/11 10:29	11/22/11 16:06	1
Nitrobenzene	<0.013		0.042	0.013	mg/Kg	☼	11/19/11 10:29	11/22/11 16:06	1
N-Nitrosodimethylamine	<0.46		0.84	0.46	mg/Kg	☼	11/19/11 10:29	11/22/11 16:06	1
N-Nitrosodi-n-propylamine	<0.053		0.21	0.053	mg/Kg	☼	11/19/11 10:29	11/22/11 16:06	1
Pentachlorophenol	<0.21		0.84	0.21	mg/Kg	☼	11/19/11 10:29	11/22/11 16:06	1
Phenanthrene	0.30		0.042	0.018	mg/Kg	☼	11/19/11 10:29	11/22/11 16:06	1
Phenol	<0.066		0.21	0.066	mg/Kg	☼	11/19/11 10:29	11/22/11 16:06	1
Pyrene	0.93		0.042	0.015	mg/Kg	☼	11/19/11 10:29	11/22/11 16:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	70		30 - 137	11/19/11 10:29	11/22/11 16:06	1
2-Fluorobiphenyl	61		27 - 113	11/19/11 10:29	11/22/11 16:06	1
2-Fluorophenol	49		30 - 110	11/19/11 10:29	11/22/11 16:06	1
Nitrobenzene-d5	60		22 - 110	11/19/11 10:29	11/22/11 16:06	1
Phenol-d5	56		26 - 112	11/19/11 10:29	11/22/11 16:06	1
Terphenyl-d14	65		33 - 129	11/19/11 10:29	11/22/11 16:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0073		0.020	0.0073	mg/Kg	☼	11/18/11 18:58	11/21/11 17:16	1
PCB-1221	<0.017		0.020	0.017	mg/Kg	☼	11/18/11 18:58	11/21/11 17:16	1
PCB-1232	<0.0079		0.020	0.0079	mg/Kg	☼	11/18/11 18:58	11/21/11 17:16	1
PCB-1242	<0.0098		0.020	0.0098	mg/Kg	☼	11/18/11 18:58	11/21/11 17:16	1
PCB-1248	0.020		0.020	0.0075	mg/Kg	☼	11/18/11 18:58	11/21/11 17:16	1
PCB-1254	<0.0059		0.020	0.0059	mg/Kg	☼	11/18/11 18:58	11/21/11 17:16	1
PCB-1260	<0.0048		0.020	0.0048	mg/Kg	☼	11/18/11 18:58	11/21/11 17:16	1
Polychlorinated biphenyls, Total	0.025		0.020	0.0032	mg/Kg	☼	11/18/11 18:58	11/21/11 17:16	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-27 0-2'

Date Collected: 11/09/11 08:55

Date Received: 11/10/11 16:02

Lab Sample ID: WUK0363-01

Matrix: Solid/Soil

Percent Solids: 76.9

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	22	X	28 - 124	11/18/11 18:58	11/21/11 17:16	1
DCB Decachlorobiphenyl	24	X	38 - 130	11/18/11 18:58	11/21/11 17:16	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.1		1.1	0.15	mg/Kg	☼	11/18/11 10:40	11/19/11 05:05	1
Barium	32	B	1.1	0.061	mg/Kg	☼	11/18/11 10:40	11/19/11 05:05	1
Cadmium	0.40		0.22	0.029	mg/Kg	☼	11/18/11 10:40	11/19/11 05:05	1
Chromium	13	B	1.1	0.093	mg/Kg	☼	11/18/11 10:40	11/19/11 05:05	1
Lead	6.6		0.55	0.26	mg/Kg	☼	11/18/11 10:40	11/19/11 05:05	1
Selenium	<0.31		1.1	0.31	mg/Kg	☼	11/18/11 10:40	11/19/11 05:05	1
Silver	<0.069		0.55	0.069	mg/Kg	☼	11/18/11 10:40	11/19/11 05:05	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0060		0.020	0.0060	mg/Kg	☼	11/21/11 08:40	11/21/11 11:16	1

Client Sample ID: B-27 4-6'

Date Collected: 11/09/11 09:05

Date Received: 11/10/11 16:02

Lab Sample ID: WUK0363-02

Matrix: Solid/Soil

Percent Solids: 85.5

Method: SW 8260B - VOCs by SW8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<29		120	29	ug/kg dry	☼	11/14/11 12:16	11/14/11 21:19	1.0
Bromobenzene	<29		120	29	ug/kg dry	☼	11/14/11 12:16	11/14/11 21:19	1.0
Bromochloromethane	<29		120	29	ug/kg dry	☼	11/14/11 12:16	11/14/11 21:19	1.0
Bromodichloromethane	<29		120	29	ug/kg dry	☼	11/14/11 12:16	11/14/11 21:19	1.0
Bromoform	<29		120	29	ug/kg dry	☼	11/14/11 12:16	11/14/11 21:19	1.0
Bromomethane	<120		290	120	ug/kg dry	☼	11/14/11 12:16	11/14/11 21:19	1.0
n-Butylbenzene	<29		120	29	ug/kg dry	☼	11/14/11 12:16	11/14/11 21:19	1.0
sec-Butylbenzene	<29		120	29	ug/kg dry	☼	11/14/11 12:16	11/14/11 21:19	1.0
tert-Butylbenzene	<29		120	29	ug/kg dry	☼	11/14/11 12:16	11/14/11 21:19	1.0
Carbon Tetrachloride	<29		120	29	ug/kg dry	☼	11/14/11 12:16	11/14/11 21:19	1.0
Chlorobenzene	<29		120	29	ug/kg dry	☼	11/14/11 12:16	11/14/11 21:19	1.0
Chlorodibromomethane	<29		120	29	ug/kg dry	☼	11/14/11 12:16	11/14/11 21:19	1.0
Chloroethane	<58		120	58	ug/kg dry	☼	11/14/11 12:16	11/14/11 21:19	1.0
Chloroform	<29		120	29	ug/kg dry	☼	11/14/11 12:16	11/14/11 21:19	1.0
Chloromethane	<58		120	58	ug/kg dry	☼	11/14/11 12:16	11/14/11 21:19	1.0
2-Chlorotoluene	<58		120	58	ug/kg dry	☼	11/14/11 12:16	11/14/11 21:19	1.0
4-Chlorotoluene	<29		120	29	ug/kg dry	☼	11/14/11 12:16	11/14/11 21:19	1.0
1,2-Dibromo-3-chloropropane	<58		120	58	ug/kg dry	☼	11/14/11 12:16	11/14/11 21:19	1.0
1,2-Dibromoethane (EDB)	<29		120	29	ug/kg dry	☼	11/14/11 12:16	11/14/11 21:19	1.0
Dibromomethane	<29		120	29	ug/kg dry	☼	11/14/11 12:16	11/14/11 21:19	1.0
1,2-Dichlorobenzene	<29		120	29	ug/kg dry	☼	11/14/11 12:16	11/14/11 21:19	1.0
1,3-Dichlorobenzene	<29		120	29	ug/kg dry	☼	11/14/11 12:16	11/14/11 21:19	1.0
1,4-Dichlorobenzene	<29		120	29	ug/kg dry	☼	11/14/11 12:16	11/14/11 21:19	1.0
Dichlorodifluoromethane	<58		120	58	ug/kg dry	☼	11/14/11 12:16	11/14/11 21:19	1.0
1,1-Dichloroethane	<29		120	29	ug/kg dry	☼	11/14/11 12:16	11/14/11 21:19	1.0
1,2-Dichloroethane	<29		120	29	ug/kg dry	☼	11/14/11 12:16	11/14/11 21:19	1.0
1,1-Dichloroethene	<29		120	29	ug/kg dry	☼	11/14/11 12:16	11/14/11 21:19	1.0

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-27 4-6'

Lab Sample ID: WUK0363-02

Date Collected: 11/09/11 09:05

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 85.5

Method: SW 8260B - VOCs by SW8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	<29		120	29	ug/kg dry	☼	11/14/11 12:16	11/14/11 21:19	1.0
trans-1,2-Dichloroethene	<29		120	29	ug/kg dry	☼	11/14/11 12:16	11/14/11 21:19	1.0
1,2-Dichloropropane	<29		120	29	ug/kg dry	☼	11/14/11 12:16	11/14/11 21:19	1.0
1,3-Dichloropropane	<29		120	29	ug/kg dry	☼	11/14/11 12:16	11/14/11 21:19	1.0
2,2-Dichloropropane	<29		120	29	ug/kg dry	☼	11/14/11 12:16	11/14/11 21:19	1.0
1,1-Dichloropropene	<29		120	29	ug/kg dry	☼	11/14/11 12:16	11/14/11 21:19	1.0
cis-1,3-Dichloropropene	<29		120	29	ug/kg dry	☼	11/14/11 12:16	11/14/11 21:19	1.0
trans-1,3-Dichloropropene	<29		120	29	ug/kg dry	☼	11/14/11 12:16	11/14/11 21:19	1.0
Isopropyl Ether	<29		120	29	ug/kg dry	☼	11/14/11 12:16	11/14/11 21:19	1.0
Ethylbenzene	<29		120	29	ug/kg dry	☼	11/14/11 12:16	11/14/11 21:19	1.0
Hexachlorobutadiene	<29		120	29	ug/kg dry	☼	11/14/11 12:16	11/14/11 21:19	1.0
Isopropylbenzene	<29		120	29	ug/kg dry	☼	11/14/11 12:16	11/14/11 21:19	1.0
p-Isopropyltoluene	<29		120	29	ug/kg dry	☼	11/14/11 12:16	11/14/11 21:19	1.0
Methylene Chloride	<58		120	58	ug/kg dry	☼	11/14/11 12:16	11/14/11 21:19	1.0
Methyl tert-Butyl Ether	<29		120	29	ug/kg dry	☼	11/14/11 12:16	11/14/11 21:19	1.0
Naphthalene	<58		120	58	ug/kg dry	☼	11/14/11 12:16	11/14/11 21:19	1.0
n-Propylbenzene	<29		120	29	ug/kg dry	☼	11/14/11 12:16	11/14/11 21:19	1.0
Styrene	<58		120	58	ug/kg dry	☼	11/14/11 12:16	11/14/11 21:19	1.0
1,1,1,2-Tetrachloroethane	<29		120	29	ug/kg dry	☼	11/14/11 12:16	11/14/11 21:19	1.0
1,1,2,2-Tetrachloroethane	<29		120	29	ug/kg dry	☼	11/14/11 12:16	11/14/11 21:19	1.0
Tetrachloroethene	<29		120	29	ug/kg dry	☼	11/14/11 12:16	11/14/11 21:19	1.0
Toluene	<29		120	29	ug/kg dry	☼	11/14/11 12:16	11/14/11 21:19	1.0
1,2,3-Trichlorobenzene	<29		120	29	ug/kg dry	☼	11/14/11 12:16	11/14/11 21:19	1.0
1,2,4-Trichlorobenzene	<29		120	29	ug/kg dry	☼	11/14/11 12:16	11/14/11 21:19	1.0
1,1,1-Trichloroethane	<29		120	29	ug/kg dry	☼	11/14/11 12:16	11/14/11 21:19	1.0
1,1,2-Trichloroethane	<29		120	29	ug/kg dry	☼	11/14/11 12:16	11/14/11 21:19	1.0
Trichloroethene	<29		120	29	ug/kg dry	☼	11/14/11 12:16	11/14/11 21:19	1.0
Trichlorofluoromethane	<29		120	29	ug/kg dry	☼	11/14/11 12:16	11/14/11 21:19	1.0
1,2,3-Trichloropropane	<58		120	58	ug/kg dry	☼	11/14/11 12:16	11/14/11 21:19	1.0
1,2,4-Trimethylbenzene	<29		120	29	ug/kg dry	☼	11/14/11 12:16	11/14/11 21:19	1.0
1,3,5-Trimethylbenzene	<29		120	29	ug/kg dry	☼	11/14/11 12:16	11/14/11 21:19	1.0
Vinyl chloride	<29		120	29	ug/kg dry	☼	11/14/11 12:16	11/14/11 21:19	1.0
Xylenes, total	<88		350	88	ug/kg dry	☼	11/14/11 12:16	11/14/11 21:19	1.0

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane	81		80 - 120	11/14/11 12:16	11/14/11 21:19	1.0
Toluene-d8	100		80 - 120	11/14/11 12:16	11/14/11 21:19	1.0
4-Bromofluorobenzene	96		80 - 120	11/14/11 12:16	11/14/11 21:19	1.0

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.044		0.19	0.044	mg/Kg	☼	11/19/11 10:29	11/22/11 16:27	1
1,2-Dichlorobenzene	<0.042		0.19	0.042	mg/Kg	☼	11/19/11 10:29	11/22/11 16:27	1
1,3-Dichlorobenzene	<0.041		0.19	0.041	mg/Kg	☼	11/19/11 10:29	11/22/11 16:27	1
1,4-Dichlorobenzene	<0.041		0.19	0.041	mg/Kg	☼	11/19/11 10:29	11/22/11 16:27	1
2,4,5-Trichlorophenol	<0.11		0.38	0.11	mg/Kg	☼	11/19/11 10:29	11/22/11 16:27	1
2,4,6-Trichlorophenol	<0.048		0.38	0.048	mg/Kg	☼	11/19/11 10:29	11/22/11 16:27	1
2,4-Dichlorophenol	<0.12		0.38	0.12	mg/Kg	☼	11/19/11 10:29	11/22/11 16:27	1
2,4-Dimethylphenol	<0.12		0.38	0.12	mg/Kg	☼	11/19/11 10:29	11/22/11 16:27	1
2,4-Dinitrophenol	<0.20	*	0.78	0.20	mg/Kg	☼	11/19/11 10:29	11/22/11 16:27	1
2,4-Dinitrotoluene	<0.059		0.19	0.059	mg/Kg	☼	11/19/11 10:29	11/22/11 16:27	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-27 4-6'

Lab Sample ID: WUK0363-02

Date Collected: 11/09/11 09:05

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 85.5

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,6-Dinitrotoluene	<0.046		0.19	0.046	mg/Kg	☼	11/19/11 10:29	11/22/11 16:27	1
2-Chloronaphthalene	<0.043		0.19	0.043	mg/Kg	☼	11/19/11 10:29	11/22/11 16:27	1
2-Chlorophenol	<0.055		0.19	0.055	mg/Kg	☼	11/19/11 10:29	11/22/11 16:27	1
2-Methylnaphthalene	<0.050		0.19	0.050	mg/Kg	☼	11/19/11 10:29	11/22/11 16:27	1
2-Methylphenol	<0.051		0.19	0.051	mg/Kg	☼	11/19/11 10:29	11/22/11 16:27	1
2-Nitroaniline	<0.069		0.19	0.069	mg/Kg	☼	11/19/11 10:29	11/22/11 16:27	1
2-Nitrophenol	<0.060		0.38	0.060	mg/Kg	☼	11/19/11 10:29	11/22/11 16:27	1
3 & 4 Methylphenol	<0.073		0.19	0.073	mg/Kg	☼	11/19/11 10:29	11/22/11 16:27	1
3,3'-Dichlorobenzidine	<0.032		0.19	0.032	mg/Kg	☼	11/19/11 10:29	11/22/11 16:27	1
3-Nitroaniline	<0.074		0.38	0.074	mg/Kg	☼	11/19/11 10:29	11/22/11 16:27	1
4,6-Dinitro-2-methylphenol	<0.094		0.38	0.094	mg/Kg	☼	11/19/11 10:29	11/22/11 16:27	1
4-Bromophenyl phenyl ether	<0.043		0.19	0.043	mg/Kg	☼	11/19/11 10:29	11/22/11 16:27	1
4-Chloro-3-methylphenol	<0.18		0.38	0.18	mg/Kg	☼	11/19/11 10:29	11/22/11 16:27	1
4-Chloroaniline	<0.12		0.78	0.12	mg/Kg	☼	11/19/11 10:29	11/22/11 16:27	1
4-Chlorophenyl phenyl ether	<0.061		0.19	0.061	mg/Kg	☼	11/19/11 10:29	11/22/11 16:27	1
4-Nitroaniline	<0.079		0.38	0.079	mg/Kg	☼	11/19/11 10:29	11/22/11 16:27	1
4-Nitrophenol	<0.21		0.78	0.21	mg/Kg	☼	11/19/11 10:29	11/22/11 16:27	1
Acenaphthene	<0.012		0.038	0.012	mg/Kg	☼	11/19/11 10:29	11/22/11 16:27	1
Acenaphthylene	<0.0089		0.038	0.0089	mg/Kg	☼	11/19/11 10:29	11/22/11 16:27	1
Anthracene	<0.0091		0.038	0.0091	mg/Kg	☼	11/19/11 10:29	11/22/11 16:27	1
Benzo[a]anthracene	0.0098	J	0.038	0.0081	mg/Kg	☼	11/19/11 10:29	11/22/11 16:27	1
Benzo[a]pyrene	0.012	J	0.038	0.0070	mg/Kg	☼	11/19/11 10:29	11/22/11 16:27	1
Benzo[b]fluoranthene	0.012	J	0.038	0.0075	mg/Kg	☼	11/19/11 10:29	11/22/11 16:27	1
Benzo[g,h,i]perylene	0.013	J	0.038	0.013	mg/Kg	☼	11/19/11 10:29	11/22/11 16:27	1
Benzo[k]fluoranthene	<0.0092		0.038	0.0092	mg/Kg	☼	11/19/11 10:29	11/22/11 16:27	1
bis (2-chloroisopropyl) ether	<0.043		0.19	0.043	mg/Kg	☼	11/19/11 10:29	11/22/11 16:27	1
Bis(2-chloroethoxy)methane	<0.043		0.19	0.043	mg/Kg	☼	11/19/11 10:29	11/22/11 16:27	1
Bis(2-chloroethyl)ether	<0.057		0.19	0.057	mg/Kg	☼	11/19/11 10:29	11/22/11 16:27	1
Bis(2-ethylhexyl) phthalate	<0.051		0.19	0.051	mg/Kg	☼	11/19/11 10:29	11/22/11 16:27	1
Butyl benzyl phthalate	<0.048		0.19	0.048	mg/Kg	☼	11/19/11 10:29	11/22/11 16:27	1
Carbazole	<0.054		0.19	0.054	mg/Kg	☼	11/19/11 10:29	11/22/11 16:27	1
Chrysene	0.011	J	0.038	0.0087	mg/Kg	☼	11/19/11 10:29	11/22/11 16:27	1
Dibenz(a,h)anthracene	<0.011		0.038	0.011	mg/Kg	☼	11/19/11 10:29	11/22/11 16:27	1
Dibenzofuran	<0.046		0.19	0.046	mg/Kg	☼	11/19/11 10:29	11/22/11 16:27	1
Diethyl phthalate	<0.064		0.19	0.064	mg/Kg	☼	11/19/11 10:29	11/22/11 16:27	1
Dimethyl phthalate	<0.048		0.19	0.048	mg/Kg	☼	11/19/11 10:29	11/22/11 16:27	1
Di-n-butyl phthalate	<0.049		0.19	0.049	mg/Kg	☼	11/19/11 10:29	11/22/11 16:27	1
Di-n-octyl phthalate	<0.078		0.19	0.078	mg/Kg	☼	11/19/11 10:29	11/22/11 16:27	1
Fluoranthene	<0.016		0.038	0.016	mg/Kg	☼	11/19/11 10:29	11/22/11 16:27	1
Fluorene	<0.0088		0.038	0.0088	mg/Kg	☼	11/19/11 10:29	11/22/11 16:27	1
Hexachlorobenzene	<0.0076		0.078	0.0076	mg/Kg	☼	11/19/11 10:29	11/22/11 16:27	1
Hexachlorobutadiene	<0.050		0.19	0.050	mg/Kg	☼	11/19/11 10:29	11/22/11 16:27	1
Hexachlorocyclopentadiene	<0.18		0.78	0.18	mg/Kg	☼	11/19/11 10:29	11/22/11 16:27	1
Hexachloroethane	<0.041		0.19	0.041	mg/Kg	☼	11/19/11 10:29	11/22/11 16:27	1
Indeno[1,2,3-cd]pyrene	<0.013		0.038	0.013	mg/Kg	☼	11/19/11 10:29	11/22/11 16:27	1
Isophorone	<0.043		0.19	0.043	mg/Kg	☼	11/19/11 10:29	11/22/11 16:27	1
Naphthalene	<0.0074		0.038	0.0074	mg/Kg	☼	11/19/11 10:29	11/22/11 16:27	1
Nitrobenzene	<0.012		0.038	0.012	mg/Kg	☼	11/19/11 10:29	11/22/11 16:27	1
N-Nitrosodimethylamine	<0.42		0.78	0.42	mg/Kg	☼	11/19/11 10:29	11/22/11 16:27	1
N-Nitrosodi-n-propylamine	<0.049		0.19	0.049	mg/Kg	☼	11/19/11 10:29	11/22/11 16:27	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-27 4-6'

Lab Sample ID: WUK0363-02

Date Collected: 11/09/11 09:05

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 85.5

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	<0.20		0.78	0.20	mg/Kg	☼	11/19/11 10:29	11/22/11 16:27	1
Phenanthrene	<0.016		0.038	0.016	mg/Kg	☼	11/19/11 10:29	11/22/11 16:27	1
Phenol	<0.061		0.19	0.061	mg/Kg	☼	11/19/11 10:29	11/22/11 16:27	1
Pyrene	<0.014		0.038	0.014	mg/Kg	☼	11/19/11 10:29	11/22/11 16:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	74		30 - 137				11/19/11 10:29	11/22/11 16:27	1
2-Fluorobiphenyl	90		27 - 113				11/19/11 10:29	11/22/11 16:27	1
2-Fluorophenol	75		30 - 110				11/19/11 10:29	11/22/11 16:27	1
Nitrobenzene-d5	98		22 - 110				11/19/11 10:29	11/22/11 16:27	1
Phenol-d5	87		26 - 112				11/19/11 10:29	11/22/11 16:27	1
Terphenyl-d14	85		33 - 129				11/19/11 10:29	11/22/11 16:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0067		0.019	0.0067	mg/Kg	☼	11/18/11 18:58	11/20/11 13:25	1
PCB-1221	<0.015		0.019	0.015	mg/Kg	☼	11/18/11 18:58	11/20/11 13:25	1
PCB-1232	<0.0073		0.019	0.0073	mg/Kg	☼	11/18/11 18:58	11/20/11 13:25	1
PCB-1242	<0.0089		0.019	0.0089	mg/Kg	☼	11/18/11 18:58	11/20/11 13:25	1
PCB-1248	<0.0068		0.019	0.0068	mg/Kg	☼	11/18/11 18:58	11/20/11 13:25	1
PCB-1254	<0.0054		0.019	0.0054	mg/Kg	☼	11/18/11 18:58	11/20/11 13:25	1
PCB-1260	<0.0044		0.019	0.0044	mg/Kg	☼	11/18/11 18:58	11/20/11 13:25	1
Polychlorinated biphenyls, Total	<0.0029		0.019	0.0029	mg/Kg	☼	11/18/11 18:58	11/20/11 13:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	82		28 - 124				11/18/11 18:58	11/20/11 13:25	1
DCB Decachlorobiphenyl	81		38 - 130				11/18/11 18:58	11/20/11 13:25	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.9		0.98	0.14	mg/Kg	☼	11/18/11 10:40	11/19/11 05:11	1
Barium	11	B	0.98	0.055	mg/Kg	☼	11/18/11 10:40	11/19/11 05:11	1
Cadmium	0.25		0.20	0.026	mg/Kg	☼	11/18/11 10:40	11/19/11 05:11	1
Chromium	5.2	B	0.98	0.083	mg/Kg	☼	11/18/11 10:40	11/19/11 05:11	1
Lead	4.1		0.49	0.23	mg/Kg	☼	11/18/11 10:40	11/19/11 05:11	1
Selenium	<0.27		0.98	0.27	mg/Kg	☼	11/18/11 10:40	11/19/11 05:11	1
Silver	<0.062		0.49	0.062	mg/Kg	☼	11/18/11 10:40	11/19/11 05:11	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0079	J	0.018	0.0056	mg/Kg	☼	11/21/11 08:40	11/21/11 11:18	1

Client Sample ID: B-27 8-10'

Lab Sample ID: WUK0363-03

Date Collected: 11/09/11 09:15

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 84.5

Method: SW 8260B - VOCs by SW8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 12:05	1.0
Bromobenzene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 12:05	1.0
Bromochloromethane	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 12:05	1.0

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-27 8-10'

Lab Sample ID: WUK0363-03

Date Collected: 11/09/11 09:15

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 84.5

Method: SW 8260B - VOCs by SW8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromodichloromethane	<30		120	30	ug/kg dry	*	11/15/11 10:57	11/15/11 12:05	1.0
Bromoform	<30		120	30	ug/kg dry	*	11/15/11 10:57	11/15/11 12:05	1.0
Bromomethane	<120		300	120	ug/kg dry	*	11/15/11 10:57	11/15/11 12:05	1.0
n-Butylbenzene	<30		120	30	ug/kg dry	*	11/15/11 10:57	11/15/11 12:05	1.0
sec-Butylbenzene	<30		120	30	ug/kg dry	*	11/15/11 10:57	11/15/11 12:05	1.0
tert-Butylbenzene	<30		120	30	ug/kg dry	*	11/15/11 10:57	11/15/11 12:05	1.0
Carbon Tetrachloride	<30		120	30	ug/kg dry	*	11/15/11 10:57	11/15/11 12:05	1.0
Chlorobenzene	<30		120	30	ug/kg dry	*	11/15/11 10:57	11/15/11 12:05	1.0
Chlorodibromomethane	<30		120	30	ug/kg dry	*	11/15/11 10:57	11/15/11 12:05	1.0
Chloroethane	<59		120	59	ug/kg dry	*	11/15/11 10:57	11/15/11 12:05	1.0
Chloroform	<30		120	30	ug/kg dry	*	11/15/11 10:57	11/15/11 12:05	1.0
Chloromethane	<59		120	59	ug/kg dry	*	11/15/11 10:57	11/15/11 12:05	1.0
2-Chlorotoluene	<59		120	59	ug/kg dry	*	11/15/11 10:57	11/15/11 12:05	1.0
4-Chlorotoluene	<30		120	30	ug/kg dry	*	11/15/11 10:57	11/15/11 12:05	1.0
1,2-Dibromo-3-chloropropane	<59		120	59	ug/kg dry	*	11/15/11 10:57	11/15/11 12:05	1.0
1,2-Dibromoethane (EDB)	<30		120	30	ug/kg dry	*	11/15/11 10:57	11/15/11 12:05	1.0
Dibromomethane	<30		120	30	ug/kg dry	*	11/15/11 10:57	11/15/11 12:05	1.0
1,2-Dichlorobenzene	<30		120	30	ug/kg dry	*	11/15/11 10:57	11/15/11 12:05	1.0
1,3-Dichlorobenzene	<30		120	30	ug/kg dry	*	11/15/11 10:57	11/15/11 12:05	1.0
1,4-Dichlorobenzene	<30		120	30	ug/kg dry	*	11/15/11 10:57	11/15/11 12:05	1.0
Dichlorodifluoromethane	<59		120	59	ug/kg dry	*	11/15/11 10:57	11/15/11 12:05	1.0
1,1-Dichloroethane	<30		120	30	ug/kg dry	*	11/15/11 10:57	11/15/11 12:05	1.0
1,2-Dichloroethane	<30		120	30	ug/kg dry	*	11/15/11 10:57	11/15/11 12:05	1.0
1,1-Dichloroethene	<30		120	30	ug/kg dry	*	11/15/11 10:57	11/15/11 12:05	1.0
cis-1,2-Dichloroethene	<30		120	30	ug/kg dry	*	11/15/11 10:57	11/15/11 12:05	1.0
trans-1,2-Dichloroethene	<30		120	30	ug/kg dry	*	11/15/11 10:57	11/15/11 12:05	1.0
1,2-Dichloropropane	<30		120	30	ug/kg dry	*	11/15/11 10:57	11/15/11 12:05	1.0
1,3-Dichloropropane	<30		120	30	ug/kg dry	*	11/15/11 10:57	11/15/11 12:05	1.0
2,2-Dichloropropane	<30		120	30	ug/kg dry	*	11/15/11 10:57	11/15/11 12:05	1.0
1,1-Dichloropropene	<30		120	30	ug/kg dry	*	11/15/11 10:57	11/15/11 12:05	1.0
cis-1,3-Dichloropropene	<30		120	30	ug/kg dry	*	11/15/11 10:57	11/15/11 12:05	1.0
trans-1,3-Dichloropropene	<30		120	30	ug/kg dry	*	11/15/11 10:57	11/15/11 12:05	1.0
Isopropyl Ether	<30		120	30	ug/kg dry	*	11/15/11 10:57	11/15/11 12:05	1.0
Ethylbenzene	<30		120	30	ug/kg dry	*	11/15/11 10:57	11/15/11 12:05	1.0
Hexachlorobutadiene	<30		120	30	ug/kg dry	*	11/15/11 10:57	11/15/11 12:05	1.0
Isopropylbenzene	<30		120	30	ug/kg dry	*	11/15/11 10:57	11/15/11 12:05	1.0
p-Isopropyltoluene	<30		120	30	ug/kg dry	*	11/15/11 10:57	11/15/11 12:05	1.0
Methylene Chloride	<59		120	59	ug/kg dry	*	11/15/11 10:57	11/15/11 12:05	1.0
Methyl tert-Butyl Ether	<30		120	30	ug/kg dry	*	11/15/11 10:57	11/15/11 12:05	1.0
Naphthalene	<59		120	59	ug/kg dry	*	11/15/11 10:57	11/15/11 12:05	1.0
n-Propylbenzene	<30		120	30	ug/kg dry	*	11/15/11 10:57	11/15/11 12:05	1.0
Styrene	<59		120	59	ug/kg dry	*	11/15/11 10:57	11/15/11 12:05	1.0
1,1,1,2-Tetrachloroethane	<30		120	30	ug/kg dry	*	11/15/11 10:57	11/15/11 12:05	1.0
1,1,2,2-Tetrachloroethane	<30		120	30	ug/kg dry	*	11/15/11 10:57	11/15/11 12:05	1.0
Tetrachloroethene	<30		120	30	ug/kg dry	*	11/15/11 10:57	11/15/11 12:05	1.0
Toluene	<30		120	30	ug/kg dry	*	11/15/11 10:57	11/15/11 12:05	1.0
1,2,3-Trichlorobenzene	<30		120	30	ug/kg dry	*	11/15/11 10:57	11/15/11 12:05	1.0
1,2,4-Trichlorobenzene	<30		120	30	ug/kg dry	*	11/15/11 10:57	11/15/11 12:05	1.0
1,1,1-Trichloroethane	<30		120	30	ug/kg dry	*	11/15/11 10:57	11/15/11 12:05	1.0
1,1,2-Trichloroethane	<30		120	30	ug/kg dry	*	11/15/11 10:57	11/15/11 12:05	1.0

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-27 8-10'

Lab Sample ID: WUK0363-03

Date Collected: 11/09/11 09:15

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 84.5

Method: SW 8260B - VOCs by SW8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 12:05	1.0
Trichlorofluoromethane	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 12:05	1.0
1,2,3-Trichloropropane	<59		120	59	ug/kg dry	☼	11/15/11 10:57	11/15/11 12:05	1.0
1,2,4-Trimethylbenzene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 12:05	1.0
1,3,5-Trimethylbenzene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 12:05	1.0
Vinyl chloride	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 12:05	1.0
Xylenes, total	<89		360	89	ug/kg dry	☼	11/15/11 10:57	11/15/11 12:05	1.0
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Dibromofluoromethane	98		80 - 120				11/15/11 10:57	11/15/11 12:05	1.0
Toluene-d8	99		80 - 120				11/15/11 10:57	11/15/11 12:05	1.0
4-Bromofluorobenzene	100		80 - 120				11/15/11 10:57	11/15/11 12:05	1.0

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.044		0.20	0.044	mg/Kg	☼	11/19/11 10:29	11/22/11 16:48	1
1,2-Dichlorobenzene	<0.042		0.20	0.042	mg/Kg	☼	11/19/11 10:29	11/22/11 16:48	1
1,3-Dichlorobenzene	<0.041		0.20	0.041	mg/Kg	☼	11/19/11 10:29	11/22/11 16:48	1
1,4-Dichlorobenzene	<0.041		0.20	0.041	mg/Kg	☼	11/19/11 10:29	11/22/11 16:48	1
2,4,5-Trichlorophenol	<0.11		0.39	0.11	mg/Kg	☼	11/19/11 10:29	11/22/11 16:48	1
2,4,6-Trichlorophenol	<0.049		0.39	0.049	mg/Kg	☼	11/19/11 10:29	11/22/11 16:48	1
2,4-Dichlorophenol	<0.12		0.39	0.12	mg/Kg	☼	11/19/11 10:29	11/22/11 16:48	1
2,4-Dimethylphenol	<0.12		0.39	0.12	mg/Kg	☼	11/19/11 10:29	11/22/11 16:48	1
2,4-Dinitrophenol	<0.20	*	0.78	0.20	mg/Kg	☼	11/19/11 10:29	11/22/11 16:48	1
2,4-Dinitrotoluene	<0.060		0.20	0.060	mg/Kg	☼	11/19/11 10:29	11/22/11 16:48	1
2,6-Dinitrotoluene	<0.046		0.20	0.046	mg/Kg	☼	11/19/11 10:29	11/22/11 16:48	1
2-Chloronaphthalene	<0.044		0.20	0.044	mg/Kg	☼	11/19/11 10:29	11/22/11 16:48	1
2-Chlorophenol	<0.056		0.20	0.056	mg/Kg	☼	11/19/11 10:29	11/22/11 16:48	1
2-Methylnaphthalene	<0.050		0.20	0.050	mg/Kg	☼	11/19/11 10:29	11/22/11 16:48	1
2-Methylphenol	<0.052		0.20	0.052	mg/Kg	☼	11/19/11 10:29	11/22/11 16:48	1
2-Nitroaniline	<0.070		0.20	0.070	mg/Kg	☼	11/19/11 10:29	11/22/11 16:48	1
2-Nitrophenol	<0.061		0.39	0.061	mg/Kg	☼	11/19/11 10:29	11/22/11 16:48	1
3 & 4 Methylphenol	<0.074		0.20	0.074	mg/Kg	☼	11/19/11 10:29	11/22/11 16:48	1
3,3'-Dichlorobenzidine	<0.032		0.20	0.032	mg/Kg	☼	11/19/11 10:29	11/22/11 16:48	1
3-Nitroaniline	<0.075		0.39	0.075	mg/Kg	☼	11/19/11 10:29	11/22/11 16:48	1
4,6-Dinitro-2-methylphenol	<0.094		0.39	0.094	mg/Kg	☼	11/19/11 10:29	11/22/11 16:48	1
4-Bromophenyl phenyl ether	<0.043		0.20	0.043	mg/Kg	☼	11/19/11 10:29	11/22/11 16:48	1
4-Chloro-3-methylphenol	<0.19		0.39	0.19	mg/Kg	☼	11/19/11 10:29	11/22/11 16:48	1
4-Chloroaniline	<0.12		0.78	0.12	mg/Kg	☼	11/19/11 10:29	11/22/11 16:48	1
4-Chlorophenyl phenyl ether	<0.061		0.20	0.061	mg/Kg	☼	11/19/11 10:29	11/22/11 16:48	1
4-Nitroaniline	<0.080		0.39	0.080	mg/Kg	☼	11/19/11 10:29	11/22/11 16:48	1
4-Nitrophenol	<0.21		0.78	0.21	mg/Kg	☼	11/19/11 10:29	11/22/11 16:48	1
Acenaphthene	<0.012		0.039	0.012	mg/Kg	☼	11/19/11 10:29	11/22/11 16:48	1
Acenaphthylene	<0.0089		0.039	0.0089	mg/Kg	☼	11/19/11 10:29	11/22/11 16:48	1
Anthracene	<0.0091		0.039	0.0091	mg/Kg	☼	11/19/11 10:29	11/22/11 16:48	1
Benzo[a]anthracene	<0.0081		0.039	0.0081	mg/Kg	☼	11/19/11 10:29	11/22/11 16:48	1
Benzo[a]pyrene	<0.0071		0.039	0.0071	mg/Kg	☼	11/19/11 10:29	11/22/11 16:48	1
Benzo[b]fluoranthene	<0.0075		0.039	0.0075	mg/Kg	☼	11/19/11 10:29	11/22/11 16:48	1
Benzo[g,h,i]perylene	<0.013		0.039	0.013	mg/Kg	☼	11/19/11 10:29	11/22/11 16:48	1
Benzo[k]fluoranthene	<0.0093		0.039	0.0093	mg/Kg	☼	11/19/11 10:29	11/22/11 16:48	1
bis (2-chloroisopropyl) ether	<0.043		0.20	0.043	mg/Kg	☼	11/19/11 10:29	11/22/11 16:48	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-27 8-10'

Lab Sample ID: WUK0363-03

Date Collected: 11/09/11 09:15

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 84.5

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethoxy)methane	<0.043		0.20	0.043	mg/Kg	☼	11/19/11 10:29	11/22/11 16:48	1
Bis(2-chloroethyl)ether	<0.058		0.20	0.058	mg/Kg	☼	11/19/11 10:29	11/22/11 16:48	1
Bis(2-ethylhexyl) phthalate	<0.051		0.20	0.051	mg/Kg	☼	11/19/11 10:29	11/22/11 16:48	1
Butyl benzyl phthalate	<0.049		0.20	0.049	mg/Kg	☼	11/19/11 10:29	11/22/11 16:48	1
Carbazole	<0.055		0.20	0.055	mg/Kg	☼	11/19/11 10:29	11/22/11 16:48	1
Chrysene	<0.0088		0.039	0.0088	mg/Kg	☼	11/19/11 10:29	11/22/11 16:48	1
Dibenz(a,h)anthracene	<0.011		0.039	0.011	mg/Kg	☼	11/19/11 10:29	11/22/11 16:48	1
Dibenzofuran	<0.047		0.20	0.047	mg/Kg	☼	11/19/11 10:29	11/22/11 16:48	1
Diethyl phthalate	<0.065		0.20	0.065	mg/Kg	☼	11/19/11 10:29	11/22/11 16:48	1
Dimethyl phthalate	<0.049		0.20	0.049	mg/Kg	☼	11/19/11 10:29	11/22/11 16:48	1
Di-n-butyl phthalate	<0.049		0.20	0.049	mg/Kg	☼	11/19/11 10:29	11/22/11 16:48	1
Di-n-octyl phthalate	<0.079		0.20	0.079	mg/Kg	☼	11/19/11 10:29	11/22/11 16:48	1
Fluoranthene	<0.016		0.039	0.016	mg/Kg	☼	11/19/11 10:29	11/22/11 16:48	1
Fluorene	<0.0088		0.039	0.0088	mg/Kg	☼	11/19/11 10:29	11/22/11 16:48	1
Hexachlorobenzene	<0.0076		0.078	0.0076	mg/Kg	☼	11/19/11 10:29	11/22/11 16:48	1
Hexachlorobutadiene	<0.051		0.20	0.051	mg/Kg	☼	11/19/11 10:29	11/22/11 16:48	1
Hexachlorocyclopentadiene	<0.18		0.78	0.18	mg/Kg	☼	11/19/11 10:29	11/22/11 16:48	1
Hexachloroethane	<0.041		0.20	0.041	mg/Kg	☼	11/19/11 10:29	11/22/11 16:48	1
Indeno[1,2,3-cd]pyrene	<0.013		0.039	0.013	mg/Kg	☼	11/19/11 10:29	11/22/11 16:48	1
Isophorone	<0.043		0.20	0.043	mg/Kg	☼	11/19/11 10:29	11/22/11 16:48	1
Naphthalene	<0.0075		0.039	0.0075	mg/Kg	☼	11/19/11 10:29	11/22/11 16:48	1
Nitrobenzene	<0.012		0.039	0.012	mg/Kg	☼	11/19/11 10:29	11/22/11 16:48	1
N-Nitrosodimethylamine	<0.42		0.78	0.42	mg/Kg	☼	11/19/11 10:29	11/22/11 16:48	1
N-Nitrosodi-n-propylamine	<0.049		0.20	0.049	mg/Kg	☼	11/19/11 10:29	11/22/11 16:48	1
Pentachlorophenol	<0.20		0.78	0.20	mg/Kg	☼	11/19/11 10:29	11/22/11 16:48	1
Phenanthrene	<0.016		0.039	0.016	mg/Kg	☼	11/19/11 10:29	11/22/11 16:48	1
Phenol	<0.062		0.20	0.062	mg/Kg	☼	11/19/11 10:29	11/22/11 16:48	1
Pyrene	<0.014		0.039	0.014	mg/Kg	☼	11/19/11 10:29	11/22/11 16:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	89		30 - 137	11/19/11 10:29	11/22/11 16:48	1
2-Fluorobiphenyl	80		27 - 113	11/19/11 10:29	11/22/11 16:48	1
2-Fluorophenol	71		30 - 110	11/19/11 10:29	11/22/11 16:48	1
Nitrobenzene-d5	87		22 - 110	11/19/11 10:29	11/22/11 16:48	1
Phenol-d5	82		26 - 112	11/19/11 10:29	11/22/11 16:48	1
Terphenyl-d14	78		33 - 129	11/19/11 10:29	11/22/11 16:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0069		0.019	0.0069	mg/Kg	☼	11/18/11 18:58	11/20/11 13:38	1
PCB-1221	<0.016		0.019	0.016	mg/Kg	☼	11/18/11 18:58	11/20/11 13:38	1
PCB-1232	<0.0075		0.019	0.0075	mg/Kg	☼	11/18/11 18:58	11/20/11 13:38	1
PCB-1242	<0.0092		0.019	0.0092	mg/Kg	☼	11/18/11 18:58	11/20/11 13:38	1
PCB-1248	<0.0070		0.019	0.0070	mg/Kg	☼	11/18/11 18:58	11/20/11 13:38	1
PCB-1254	<0.0055		0.019	0.0055	mg/Kg	☼	11/18/11 18:58	11/20/11 13:38	1
PCB-1260	<0.0045		0.019	0.0045	mg/Kg	☼	11/18/11 18:58	11/20/11 13:38	1
Polychlorinated biphenyls, Total	<0.0030		0.019	0.0030	mg/Kg	☼	11/18/11 18:58	11/20/11 13:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	89		28 - 124	11/18/11 18:58	11/20/11 13:38	1
DCB Decachlorobiphenyl	89		38 - 130	11/18/11 18:58	11/20/11 13:38	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-27 8-10'

Lab Sample ID: WUK0363-03

Date Collected: 11/09/11 09:15

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 84.5

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.7		1.2	0.16	mg/Kg	☼	11/18/11 10:40	11/19/11 05:18	1
Barium	40	B	1.2	0.065	mg/Kg	☼	11/18/11 10:40	11/19/11 05:18	1
Cadmium	0.35		0.23	0.031	mg/Kg	☼	11/18/11 10:40	11/19/11 05:18	1
Chromium	18	B	1.2	0.098	mg/Kg	☼	11/18/11 10:40	11/19/11 05:18	1
Lead	7.6		0.58	0.28	mg/Kg	☼	11/18/11 10:40	11/19/11 05:18	1
Selenium	<0.32		1.2	0.32	mg/Kg	☼	11/18/11 10:40	11/19/11 05:18	1
Silver	<0.073		0.58	0.073	mg/Kg	☼	11/18/11 10:40	11/19/11 05:18	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.017		0.017	0.0053	mg/Kg	☼	11/21/11 08:40	11/21/11 11:20	1

Client Sample ID: B-04-11 0-2'

Lab Sample ID: WUK0363-04

Date Collected: 11/09/11 09:20

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 84.4

Method: SW 8260B - VOCs by SW8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 12:32	1.0
Bromobenzene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 12:32	1.0
Bromochloromethane	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 12:32	1.0
Bromodichloromethane	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 12:32	1.0
Bromoform	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 12:32	1.0
Bromomethane	<120		300	120	ug/kg dry	☼	11/15/11 10:57	11/15/11 12:32	1.0
n-Butylbenzene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 12:32	1.0
sec-Butylbenzene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 12:32	1.0
tert-Butylbenzene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 12:32	1.0
Carbon Tetrachloride	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 12:32	1.0
Chlorobenzene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 12:32	1.0
Chlorodibromomethane	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 12:32	1.0
Chloroethane	<59		120	59	ug/kg dry	☼	11/15/11 10:57	11/15/11 12:32	1.0
Chloroform	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 12:32	1.0
Chloromethane	<59		120	59	ug/kg dry	☼	11/15/11 10:57	11/15/11 12:32	1.0
2-Chlorotoluene	<59		120	59	ug/kg dry	☼	11/15/11 10:57	11/15/11 12:32	1.0
4-Chlorotoluene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 12:32	1.0
1,2-Dibromo-3-chloropropane	<59		120	59	ug/kg dry	☼	11/15/11 10:57	11/15/11 12:32	1.0
1,2-Dibromoethane (EDB)	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 12:32	1.0
Dibromomethane	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 12:32	1.0
1,2-Dichlorobenzene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 12:32	1.0
1,3-Dichlorobenzene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 12:32	1.0
1,4-Dichlorobenzene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 12:32	1.0
Dichlorodifluoromethane	<59		120	59	ug/kg dry	☼	11/15/11 10:57	11/15/11 12:32	1.0
1,1-Dichloroethane	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 12:32	1.0
1,2-Dichloroethane	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 12:32	1.0
1,1-Dichloroethene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 12:32	1.0
cis-1,2-Dichloroethene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 12:32	1.0
trans-1,2-Dichloroethene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 12:32	1.0
1,2-Dichloropropane	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 12:32	1.0
1,3-Dichloropropane	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 12:32	1.0
2,2-Dichloropropane	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 12:32	1.0

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-04-11 0-2'

Lab Sample ID: WUK0363-04

Date Collected: 11/09/11 09:20

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 84.4

Method: SW 8260B - VOCs by SW8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloropropene	<30		120	30	ug/kg dry	✱	11/15/11 10:57	11/15/11 12:32	1.0
cis-1,3-Dichloropropene	<30		120	30	ug/kg dry	✱	11/15/11 10:57	11/15/11 12:32	1.0
trans-1,3-Dichloropropene	<30		120	30	ug/kg dry	✱	11/15/11 10:57	11/15/11 12:32	1.0
Isopropyl Ether	<30		120	30	ug/kg dry	✱	11/15/11 10:57	11/15/11 12:32	1.0
Ethylbenzene	<30		120	30	ug/kg dry	✱	11/15/11 10:57	11/15/11 12:32	1.0
Hexachlorobutadiene	<30		120	30	ug/kg dry	✱	11/15/11 10:57	11/15/11 12:32	1.0
Isopropylbenzene	<30		120	30	ug/kg dry	✱	11/15/11 10:57	11/15/11 12:32	1.0
p-Isopropyltoluene	<30		120	30	ug/kg dry	✱	11/15/11 10:57	11/15/11 12:32	1.0
Methylene Chloride	<59		120	59	ug/kg dry	✱	11/15/11 10:57	11/15/11 12:32	1.0
Methyl tert-Butyl Ether	<30		120	30	ug/kg dry	✱	11/15/11 10:57	11/15/11 12:32	1.0
Naphthalene	<59		120	59	ug/kg dry	✱	11/15/11 10:57	11/15/11 12:32	1.0
n-Propylbenzene	<30		120	30	ug/kg dry	✱	11/15/11 10:57	11/15/11 12:32	1.0
Styrene	<59		120	59	ug/kg dry	✱	11/15/11 10:57	11/15/11 12:32	1.0
1,1,1,2-Tetrachloroethane	<30		120	30	ug/kg dry	✱	11/15/11 10:57	11/15/11 12:32	1.0
1,1,2,2-Tetrachloroethane	<30		120	30	ug/kg dry	✱	11/15/11 10:57	11/15/11 12:32	1.0
Tetrachloroethene	<30		120	30	ug/kg dry	✱	11/15/11 10:57	11/15/11 12:32	1.0
Toluene	<30		120	30	ug/kg dry	✱	11/15/11 10:57	11/15/11 12:32	1.0
1,2,3-Trichlorobenzene	<30		120	30	ug/kg dry	✱	11/15/11 10:57	11/15/11 12:32	1.0
1,2,4-Trichlorobenzene	<30		120	30	ug/kg dry	✱	11/15/11 10:57	11/15/11 12:32	1.0
1,1,1-Trichloroethane	<30		120	30	ug/kg dry	✱	11/15/11 10:57	11/15/11 12:32	1.0
1,1,2-Trichloroethane	<30		120	30	ug/kg dry	✱	11/15/11 10:57	11/15/11 12:32	1.0
Trichloroethene	<30		120	30	ug/kg dry	✱	11/15/11 10:57	11/15/11 12:32	1.0
Trichlorofluoromethane	<30		120	30	ug/kg dry	✱	11/15/11 10:57	11/15/11 12:32	1.0
1,2,3-Trichloropropane	<59		120	59	ug/kg dry	✱	11/15/11 10:57	11/15/11 12:32	1.0
1,2,4-Trimethylbenzene	<30		120	30	ug/kg dry	✱	11/15/11 10:57	11/15/11 12:32	1.0
1,3,5-Trimethylbenzene	<30		120	30	ug/kg dry	✱	11/15/11 10:57	11/15/11 12:32	1.0
Vinyl chloride	<30		120	30	ug/kg dry	✱	11/15/11 10:57	11/15/11 12:32	1.0
Xylenes, total	<89		360	89	ug/kg dry	✱	11/15/11 10:57	11/15/11 12:32	1.0

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane	97		80 - 120	11/15/11 10:57	11/15/11 12:32	1.0
Toluene-d8	100		80 - 120	11/15/11 10:57	11/15/11 12:32	1.0
4-Bromofluorobenzene	99		80 - 120	11/15/11 10:57	11/15/11 12:32	1.0

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.011		0.038	0.011	mg/Kg	✱	11/19/11 10:29	11/21/11 20:20	1
Acenaphthylene	<0.0088		0.038	0.0088	mg/Kg	✱	11/19/11 10:29	11/21/11 20:20	1
Anthracene	<0.0090		0.038	0.0090	mg/Kg	✱	11/19/11 10:29	11/21/11 20:20	1
Benzo[a]anthracene	0.028	J	0.038	0.0080	mg/Kg	✱	11/19/11 10:29	11/21/11 20:20	1
Benzo[a]pyrene	0.030	J	0.038	0.0070	mg/Kg	✱	11/19/11 10:29	11/21/11 20:20	1
Benzo[b]fluoranthene	0.035	J	0.038	0.0074	mg/Kg	✱	11/19/11 10:29	11/21/11 20:20	1
Benzo[g,h,i]perylene	0.021	J	0.038	0.013	mg/Kg	✱	11/19/11 10:29	11/21/11 20:20	1
Benzo[k]fluoranthene	0.020	J	0.038	0.0091	mg/Kg	✱	11/19/11 10:29	11/21/11 20:20	1
Chrysene	0.031	J	0.038	0.0086	mg/Kg	✱	11/19/11 10:29	11/21/11 20:20	1
Dibenz(a,h)anthracene	<0.011		0.038	0.011	mg/Kg	✱	11/19/11 10:29	11/21/11 20:20	1
Fluoranthene	0.035	J	0.038	0.016	mg/Kg	✱	11/19/11 10:29	11/21/11 20:20	1
Fluorene	<0.0087		0.038	0.0087	mg/Kg	✱	11/19/11 10:29	11/21/11 20:20	1
Indeno[1,2,3-cd]pyrene	0.017	J	0.038	0.013	mg/Kg	✱	11/19/11 10:29	11/21/11 20:20	1
Naphthalene	<0.0074		0.038	0.0074	mg/Kg	✱	11/19/11 10:29	11/21/11 20:20	1
Phenanthrene	<0.016		0.038	0.016	mg/Kg	✱	11/19/11 10:29	11/21/11 20:20	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-04-11 0-2'

Lab Sample ID: WUK0363-04

Date Collected: 11/09/11 09:20

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 84.4

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pyrene	0.035	J	0.038	0.014	mg/Kg	☼	11/19/11 10:29	11/21/11 20:20	1
2-Methylnaphthalene	<0.050		0.19	0.050	mg/Kg	☼	11/19/11 10:29	11/21/11 20:20	1
1-Methylnaphthalene	<0.019		0.038	0.019	mg/Kg	☼	11/19/11 10:29	11/21/11 20:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	79		27 - 113				11/19/11 10:29	11/21/11 20:20	1
Nitrobenzene-d5	78		22 - 110				11/19/11 10:29	11/21/11 20:20	1
Terphenyl-d14	95		33 - 129				11/19/11 10:29	11/21/11 20:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0069		0.019	0.0069	mg/Kg	☼	11/18/11 18:58	11/20/11 13:53	1
PCB-1221	<0.016		0.019	0.016	mg/Kg	☼	11/18/11 18:58	11/20/11 13:53	1
PCB-1232	<0.0075		0.019	0.0075	mg/Kg	☼	11/18/11 18:58	11/20/11 13:53	1
PCB-1242	<0.0092		0.019	0.0092	mg/Kg	☼	11/18/11 18:58	11/20/11 13:53	1
PCB-1248	<0.0070		0.019	0.0070	mg/Kg	☼	11/18/11 18:58	11/20/11 13:53	1
PCB-1254	<0.0055		0.019	0.0055	mg/Kg	☼	11/18/11 18:58	11/20/11 13:53	1
PCB-1260	<0.0045		0.019	0.0045	mg/Kg	☼	11/18/11 18:58	11/20/11 13:53	1
Polychlorinated biphenyls, Total	<0.0030		0.019	0.0030	mg/Kg	☼	11/18/11 18:58	11/20/11 13:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	86		28 - 124				11/18/11 18:58	11/20/11 13:53	1
DCB Decachlorobiphenyl	91		38 - 130				11/18/11 18:58	11/20/11 13:53	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.1		1.2	0.16	mg/Kg	☼	11/18/11 10:40	11/19/11 05:24	1
Barium	63	B	1.2	0.065	mg/Kg	☼	11/18/11 10:40	11/19/11 05:24	1
Cadmium	0.45		0.23	0.032	mg/Kg	☼	11/18/11 10:40	11/19/11 05:24	1
Chromium	22	B	1.2	0.099	mg/Kg	☼	11/18/11 10:40	11/19/11 05:24	1
Lead	12		0.58	0.28	mg/Kg	☼	11/18/11 10:40	11/19/11 05:24	1
Selenium	<0.33		1.2	0.33	mg/Kg	☼	11/18/11 10:40	11/19/11 05:24	1
Silver	<0.074		0.58	0.074	mg/Kg	☼	11/18/11 10:40	11/19/11 05:24	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.030		0.019	0.0059	mg/Kg	☼	11/21/11 08:40	11/21/11 11:22	1

Client Sample ID: B-28 0-2'

Lab Sample ID: WUK0363-05

Date Collected: 11/09/11 09:35

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 84.1

Method: SW 8260B - VOCs by SW8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 12:59	1.0
Bromobenzene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 12:59	1.0
Bromochloromethane	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 12:59	1.0
Bromodichloromethane	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 12:59	1.0
Bromoform	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 12:59	1.0
Bromomethane	<120		300	120	ug/kg dry	☼	11/15/11 10:57	11/15/11 12:59	1.0
n-Butylbenzene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 12:59	1.0

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-28 0-2'

Lab Sample ID: WUK0363-05

Date Collected: 11/09/11 09:35

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 84.1

Method: SW 8260B - VOCs by SW8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 12:59	1.0
tert-Butylbenzene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 12:59	1.0
Carbon Tetrachloride	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 12:59	1.0
Chlorobenzene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 12:59	1.0
Chlorodibromomethane	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 12:59	1.0
Chloroethane	<59		120	59	ug/kg dry	☼	11/15/11 10:57	11/15/11 12:59	1.0
Chloroform	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 12:59	1.0
Chloromethane	<59		120	59	ug/kg dry	☼	11/15/11 10:57	11/15/11 12:59	1.0
2-Chlorotoluene	<59		120	59	ug/kg dry	☼	11/15/11 10:57	11/15/11 12:59	1.0
4-Chlorotoluene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 12:59	1.0
1,2-Dibromo-3-chloropropane	<59		120	59	ug/kg dry	☼	11/15/11 10:57	11/15/11 12:59	1.0
1,2-Dibromoethane (EDB)	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 12:59	1.0
Dibromomethane	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 12:59	1.0
1,2-Dichlorobenzene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 12:59	1.0
1,3-Dichlorobenzene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 12:59	1.0
1,4-Dichlorobenzene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 12:59	1.0
Dichlorodifluoromethane	<59		120	59	ug/kg dry	☼	11/15/11 10:57	11/15/11 12:59	1.0
1,1-Dichloroethane	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 12:59	1.0
1,2-Dichloroethane	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 12:59	1.0
1,1-Dichloroethene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 12:59	1.0
cis-1,2-Dichloroethene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 12:59	1.0
trans-1,2-Dichloroethene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 12:59	1.0
1,2-Dichloropropane	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 12:59	1.0
1,3-Dichloropropane	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 12:59	1.0
2,2-Dichloropropane	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 12:59	1.0
1,1-Dichloropropene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 12:59	1.0
cis-1,3-Dichloropropene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 12:59	1.0
trans-1,3-Dichloropropene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 12:59	1.0
Isopropyl Ether	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 12:59	1.0
Ethylbenzene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 12:59	1.0
Hexachlorobutadiene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 12:59	1.0
Isopropylbenzene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 12:59	1.0
p-Isopropyltoluene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 12:59	1.0
Methylene Chloride	<59		120	59	ug/kg dry	☼	11/15/11 10:57	11/15/11 12:59	1.0
Methyl tert-Butyl Ether	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 12:59	1.0
Naphthalene	<59		120	59	ug/kg dry	☼	11/15/11 10:57	11/15/11 12:59	1.0
n-Propylbenzene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 12:59	1.0
Styrene	<59		120	59	ug/kg dry	☼	11/15/11 10:57	11/15/11 12:59	1.0
1,1,1,2-Tetrachloroethane	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 12:59	1.0
1,1,1,2,2-Tetrachloroethane	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 12:59	1.0
Tetrachloroethene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 12:59	1.0
Toluene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 12:59	1.0
1,2,3-Trichlorobenzene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 12:59	1.0
1,2,4-Trichlorobenzene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 12:59	1.0
1,1,1-Trichloroethane	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 12:59	1.0
1,1,2-Trichloroethane	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 12:59	1.0
Trichloroethene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 12:59	1.0
Trichlorofluoromethane	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 12:59	1.0
1,2,3-Trichloropropane	<59		120	59	ug/kg dry	☼	11/15/11 10:57	11/15/11 12:59	1.0
1,2,4-Trimethylbenzene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 12:59	1.0

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-28 0-2'

Lab Sample ID: WUK0363-05

Date Collected: 11/09/11 09:35

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 84.1

Method: SW 8260B - VOCs by SW8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 12:59	1.0
Vinyl chloride	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 12:59	1.0
Xylenes, total	<89		360	89	ug/kg dry	☼	11/15/11 10:57	11/15/11 12:59	1.0
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Dibromofluoromethane	97		80 - 120				11/15/11 10:57	11/15/11 12:59	1.0
Toluene-d8	99		80 - 120				11/15/11 10:57	11/15/11 12:59	1.0
4-Bromofluorobenzene	99		80 - 120				11/15/11 10:57	11/15/11 12:59	1.0

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.011		0.037	0.011	mg/Kg	☼	11/19/11 10:29	11/21/11 20:42	1
Acenaphthylene	<0.0086		0.037	0.0086	mg/Kg	☼	11/19/11 10:29	11/21/11 20:42	1
Anthracene	0.035	J	0.037	0.0088	mg/Kg	☼	11/19/11 10:29	11/21/11 20:42	1
Benzo[a]anthracene	0.23		0.037	0.0078	mg/Kg	☼	11/19/11 10:29	11/21/11 20:42	1
Benzo[a]pyrene	0.25		0.037	0.0068	mg/Kg	☼	11/19/11 10:29	11/21/11 20:42	1
Benzo[b]fluoranthene	0.28		0.037	0.0073	mg/Kg	☼	11/19/11 10:29	11/21/11 20:42	1
Benzo[g,h,i]perylene	0.16		0.037	0.013	mg/Kg	☼	11/19/11 10:29	11/21/11 20:42	1
Benzo[k]fluoranthene	0.17		0.037	0.0089	mg/Kg	☼	11/19/11 10:29	11/21/11 20:42	1
Chrysene	0.26		0.037	0.0084	mg/Kg	☼	11/19/11 10:29	11/21/11 20:42	1
Dibenz(a,h)anthracene	0.047		0.037	0.010	mg/Kg	☼	11/19/11 10:29	11/21/11 20:42	1
Fluoranthene	0.35		0.037	0.015	mg/Kg	☼	11/19/11 10:29	11/21/11 20:42	1
Fluorene	0.014	J	0.037	0.0085	mg/Kg	☼	11/19/11 10:29	11/21/11 20:42	1
Indeno[1,2,3-cd]pyrene	0.15		0.037	0.013	mg/Kg	☼	11/19/11 10:29	11/21/11 20:42	1
Naphthalene	<0.0072		0.037	0.0072	mg/Kg	☼	11/19/11 10:29	11/21/11 20:42	1
Phenanthrene	0.12		0.037	0.016	mg/Kg	☼	11/19/11 10:29	11/21/11 20:42	1
Pyrene	0.34		0.037	0.014	mg/Kg	☼	11/19/11 10:29	11/21/11 20:42	1
2-Methylnaphthalene	<0.049		0.19	0.049	mg/Kg	☼	11/19/11 10:29	11/21/11 20:42	1
1-Methylnaphthalene	<0.019		0.037	0.019	mg/Kg	☼	11/19/11 10:29	11/21/11 20:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	76		27 - 113				11/19/11 10:29	11/21/11 20:42	1
Nitrobenzene-d5	72		22 - 110				11/19/11 10:29	11/21/11 20:42	1
Terphenyl-d14	108		33 - 129				11/19/11 10:29	11/21/11 20:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0067		0.019	0.0067	mg/Kg	☼	11/18/11 18:58	11/20/11 14:34	1
PCB-1221	<0.015		0.019	0.015	mg/Kg	☼	11/18/11 18:58	11/20/11 14:34	1
PCB-1232	<0.0073		0.019	0.0073	mg/Kg	☼	11/18/11 18:58	11/20/11 14:34	1
PCB-1242	<0.0090		0.019	0.0090	mg/Kg	☼	11/18/11 18:58	11/20/11 14:34	1
PCB-1248	<0.0068		0.019	0.0068	mg/Kg	☼	11/18/11 18:58	11/20/11 14:34	1
PCB-1254	<0.0054		0.019	0.0054	mg/Kg	☼	11/18/11 18:58	11/20/11 14:34	1
PCB-1260	<0.0044		0.019	0.0044	mg/Kg	☼	11/18/11 18:58	11/20/11 14:34	1
Polychlorinated biphenyls, Total	<0.0029		0.019	0.0029	mg/Kg	☼	11/18/11 18:58	11/20/11 14:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	78		28 - 124				11/18/11 18:58	11/20/11 14:34	1
DCB Decachlorobiphenyl	85		38 - 130				11/18/11 18:58	11/20/11 14:34	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-28 0-2'

Lab Sample ID: WUK0363-05

Date Collected: 11/09/11 09:35

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 84.1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.5		1.0	0.14	mg/Kg	☼	11/18/11 10:40	11/19/11 05:30	1
Barium	49	B	1.0	0.057	mg/Kg	☼	11/18/11 10:40	11/19/11 05:30	1
Cadmium	0.52		0.20	0.027	mg/Kg	☼	11/18/11 10:40	11/19/11 05:30	1
Chromium	19	B	1.0	0.086	mg/Kg	☼	11/18/11 10:40	11/19/11 05:30	1
Lead	13		0.50	0.24	mg/Kg	☼	11/18/11 10:40	11/19/11 05:30	1
Selenium	<0.28		1.0	0.28	mg/Kg	☼	11/18/11 10:40	11/19/11 05:30	1
Silver	<0.064		0.50	0.064	mg/Kg	☼	11/18/11 10:40	11/19/11 05:30	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.032		0.019	0.0057	mg/Kg	☼	11/21/11 08:40	11/21/11 11:24	1

Client Sample ID: B-28 4-6'

Lab Sample ID: WUK0363-06

Date Collected: 11/09/11 09:45

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 86

Method: SW 8260B - VOCs by SW8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:26	1.0
Bromobenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:26	1.0
Bromochloromethane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:26	1.0
Bromodichloromethane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:26	1.0
Bromoform	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:26	1.0
Bromomethane	<120		290	120	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:26	1.0
n-Butylbenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:26	1.0
sec-Butylbenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:26	1.0
tert-Butylbenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:26	1.0
Carbon Tetrachloride	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:26	1.0
Chlorobenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:26	1.0
Chlorodibromomethane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:26	1.0
Chloroethane	<58		120	58	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:26	1.0
Chloroform	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:26	1.0
Chloromethane	<58		120	58	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:26	1.0
2-Chlorotoluene	<58		120	58	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:26	1.0
4-Chlorotoluene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:26	1.0
1,2-Dibromo-3-chloropropane	<58		120	58	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:26	1.0
1,2-Dibromoethane (EDB)	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:26	1.0
Dibromomethane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:26	1.0
1,2-Dichlorobenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:26	1.0
1,3-Dichlorobenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:26	1.0
1,4-Dichlorobenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:26	1.0
Dichlorodifluoromethane	<58		120	58	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:26	1.0
1,1-Dichloroethane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:26	1.0
1,2-Dichloroethane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:26	1.0
1,1-Dichloroethene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:26	1.0
cis-1,2-Dichloroethene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:26	1.0
trans-1,2-Dichloroethene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:26	1.0
1,2-Dichloropropane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:26	1.0
1,3-Dichloropropane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:26	1.0
2,2-Dichloropropane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:26	1.0

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-28 4-6'

Lab Sample ID: WUK0363-06

Date Collected: 11/09/11 09:45

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 86

Method: SW 8260B - VOCs by SW8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloropropene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:26	1.0
cis-1,3-Dichloropropene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:26	1.0
trans-1,3-Dichloropropene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:26	1.0
Isopropyl Ether	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:26	1.0
Ethylbenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:26	1.0
Hexachlorobutadiene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:26	1.0
Isopropylbenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:26	1.0
p-Isopropyltoluene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:26	1.0
Methylene Chloride	<58		120	58	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:26	1.0
Methyl tert-Butyl Ether	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:26	1.0
Naphthalene	<58		120	58	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:26	1.0
n-Propylbenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:26	1.0
Styrene	<58		120	58	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:26	1.0
1,1,1,2-Tetrachloroethane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:26	1.0
1,1,2,2-Tetrachloroethane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:26	1.0
Tetrachloroethene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:26	1.0
Toluene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:26	1.0
1,2,3-Trichlorobenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:26	1.0
1,2,4-Trichlorobenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:26	1.0
1,1,1-Trichloroethane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:26	1.0
1,1,2-Trichloroethane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:26	1.0
Trichloroethene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:26	1.0
Trichlorofluoromethane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:26	1.0
1,2,3-Trichloropropane	<58		120	58	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:26	1.0
1,2,4-Trimethylbenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:26	1.0
1,3,5-Trimethylbenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:26	1.0
Vinyl chloride	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:26	1.0
Xylenes, total	<87		350	87	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:26	1.0

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane	100		80 - 120	11/15/11 10:57	11/15/11 13:26	1.0
Toluene-d8	99		80 - 120	11/15/11 10:57	11/15/11 13:26	1.0
4-Bromofluorobenzene	99		80 - 120	11/15/11 10:57	11/15/11 13:26	1.0

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.011		0.037	0.011	mg/Kg	☼	11/19/11 10:29	11/21/11 21:04	1
Acenaphthylene	<0.0086		0.037	0.0086	mg/Kg	☼	11/19/11 10:29	11/21/11 21:04	1
Anthracene	<0.0088		0.037	0.0088	mg/Kg	☼	11/19/11 10:29	11/21/11 21:04	1
Benzo[a]anthracene	<0.0079		0.037	0.0079	mg/Kg	☼	11/19/11 10:29	11/21/11 21:04	1
Benzo[a]pyrene	0.0095	J	0.037	0.0068	mg/Kg	☼	11/19/11 10:29	11/21/11 21:04	1
Benzo[b]fluoranthene	0.011	J	0.037	0.0073	mg/Kg	☼	11/19/11 10:29	11/21/11 21:04	1
Benzo[g,h,i]perylene	<0.013		0.037	0.013	mg/Kg	☼	11/19/11 10:29	11/21/11 21:04	1
Benzo[k]fluoranthene	<0.0089		0.037	0.0089	mg/Kg	☼	11/19/11 10:29	11/21/11 21:04	1
Chrysene	<0.0085		0.037	0.0085	mg/Kg	☼	11/19/11 10:29	11/21/11 21:04	1
Dibenz(a,h)anthracene	<0.010		0.037	0.010	mg/Kg	☼	11/19/11 10:29	11/21/11 21:04	1
Fluoranthene	<0.015		0.037	0.015	mg/Kg	☼	11/19/11 10:29	11/21/11 21:04	1
Fluorene	<0.0085		0.037	0.0085	mg/Kg	☼	11/19/11 10:29	11/21/11 21:04	1
Indeno[1,2,3-cd]pyrene	<0.013		0.037	0.013	mg/Kg	☼	11/19/11 10:29	11/21/11 21:04	1
Naphthalene	<0.0072		0.037	0.0072	mg/Kg	☼	11/19/11 10:29	11/21/11 21:04	1
Phenanthrene	<0.016		0.037	0.016	mg/Kg	☼	11/19/11 10:29	11/21/11 21:04	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-28 4-6'

Lab Sample ID: WUK0363-06

Date Collected: 11/09/11 09:45

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 86.0

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pyrene	<0.014		0.037	0.014	mg/Kg	☼	11/19/11 10:29	11/21/11 21:04	1
2-Methylnaphthalene	<0.049		0.19	0.049	mg/Kg	☼	11/19/11 10:29	11/21/11 21:04	1
1-Methylnaphthalene	<0.019		0.037	0.019	mg/Kg	☼	11/19/11 10:29	11/21/11 21:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	68		27 - 113				11/19/11 10:29	11/21/11 21:04	1
Nitrobenzene-d5	66		22 - 110				11/19/11 10:29	11/21/11 21:04	1
Terphenyl-d14	95		33 - 129				11/19/11 10:29	11/21/11 21:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0068		0.019	0.0068	mg/Kg	☼	11/18/11 18:58	11/20/11 14:48	1
PCB-1221	<0.015		0.019	0.015	mg/Kg	☼	11/18/11 18:58	11/20/11 14:48	1
PCB-1232	<0.0074		0.019	0.0074	mg/Kg	☼	11/18/11 18:58	11/20/11 14:48	1
PCB-1242	<0.0091		0.019	0.0091	mg/Kg	☼	11/18/11 18:58	11/20/11 14:48	1
PCB-1248	<0.0069		0.019	0.0069	mg/Kg	☼	11/18/11 18:58	11/20/11 14:48	1
PCB-1254	<0.0055		0.019	0.0055	mg/Kg	☼	11/18/11 18:58	11/20/11 14:48	1
PCB-1260	<0.0044		0.019	0.0044	mg/Kg	☼	11/18/11 18:58	11/20/11 14:48	1
Polychlorinated biphenyls, Total	<0.0030		0.019	0.0030	mg/Kg	☼	11/18/11 18:58	11/20/11 14:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	75		28 - 124				11/18/11 18:58	11/20/11 14:48	1
DCB Decachlorobiphenyl	83		38 - 130				11/18/11 18:58	11/20/11 14:48	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.3		1.1	0.15	mg/Kg	☼	11/18/11 10:40	11/19/11 05:51	1
Barium	49	B	1.1	0.062	mg/Kg	☼	11/18/11 10:40	11/19/11 05:51	1
Cadmium	0.44		0.22	0.030	mg/Kg	☼	11/18/11 10:40	11/19/11 05:51	1
Chromium	19	B	1.1	0.094	mg/Kg	☼	11/18/11 10:40	11/19/11 05:51	1
Lead	10		0.55	0.26	mg/Kg	☼	11/18/11 10:40	11/19/11 05:51	1
Selenium	<0.31		1.1	0.31	mg/Kg	☼	11/18/11 10:40	11/19/11 05:51	1
Silver	<0.069		0.55	0.069	mg/Kg	☼	11/18/11 10:40	11/19/11 05:51	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.015	J	0.018	0.0055	mg/Kg	☼	11/21/11 08:40	11/21/11 11:29	1

Client Sample ID: B-28 8-10'

Lab Sample ID: WUK0363-07

Date Collected: 11/09/11 09:55

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 86.4

Method: SW 8260B - VOCs by SW8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:53	1.0
Bromobenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:53	1.0
Bromochloromethane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:53	1.0
Bromodichloromethane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:53	1.0
Bromoform	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:53	1.0
Bromomethane	<120		290	120	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:53	1.0
n-Butylbenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:53	1.0

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-28 8-10'

Lab Sample ID: WUK0363-07

Date Collected: 11/09/11 09:55

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 86.4

Method: SW 8260B - VOCs by SW8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:53	1.0
tert-Butylbenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:53	1.0
Carbon Tetrachloride	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:53	1.0
Chlorobenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:53	1.0
Chlorodibromomethane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:53	1.0
Chloroethane	<58		120	58	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:53	1.0
Chloroform	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:53	1.0
Chloromethane	<58		120	58	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:53	1.0
2-Chlorotoluene	<58		120	58	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:53	1.0
4-Chlorotoluene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:53	1.0
1,2-Dibromo-3-chloropropane	<58		120	58	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:53	1.0
1,2-Dibromoethane (EDB)	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:53	1.0
Dibromomethane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:53	1.0
1,2-Dichlorobenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:53	1.0
1,3-Dichlorobenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:53	1.0
1,4-Dichlorobenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:53	1.0
Dichlorodifluoromethane	<58		120	58	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:53	1.0
1,1-Dichloroethane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:53	1.0
1,2-Dichloroethane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:53	1.0
1,1-Dichloroethene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:53	1.0
cis-1,2-Dichloroethene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:53	1.0
trans-1,2-Dichloroethene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:53	1.0
1,2-Dichloropropane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:53	1.0
1,3-Dichloropropane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:53	1.0
2,2-Dichloropropane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:53	1.0
1,1-Dichloropropene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:53	1.0
cis-1,3-Dichloropropene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:53	1.0
trans-1,3-Dichloropropene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:53	1.0
Isopropyl Ether	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:53	1.0
Ethylbenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:53	1.0
Hexachlorobutadiene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:53	1.0
Isopropylbenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:53	1.0
p-Isopropyltoluene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:53	1.0
Methylene Chloride	<58		120	58	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:53	1.0
Methyl tert-Butyl Ether	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:53	1.0
Naphthalene	<58		120	58	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:53	1.0
n-Propylbenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:53	1.0
Styrene	<58		120	58	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:53	1.0
1,1,1,2-Tetrachloroethane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:53	1.0
1,1,2,2-Tetrachloroethane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:53	1.0
Tetrachloroethene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:53	1.0
Toluene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:53	1.0
1,2,3-Trichlorobenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:53	1.0
1,2,4-Trichlorobenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:53	1.0
1,1,1-Trichloroethane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:53	1.0
1,1,2-Trichloroethane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:53	1.0
Trichloroethene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:53	1.0
Trichlorofluoromethane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:53	1.0
1,2,3-Trichloropropane	<58		120	58	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:53	1.0
1,2,4-Trimethylbenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:53	1.0

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-28 8-10'

Lab Sample ID: WUK0363-07

Date Collected: 11/09/11 09:55

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 86.4

Method: SW 8260B - VOCs by SW8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:53	1.0
Vinyl chloride	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:53	1.0
Xylenes, total	<87		350	87	ug/kg dry	☼	11/15/11 10:57	11/15/11 13:53	1.0
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Dibromofluoromethane	97		80 - 120				11/15/11 10:57	11/15/11 13:53	1.0
Toluene-d8	100		80 - 120				11/15/11 10:57	11/15/11 13:53	1.0
4-Bromofluorobenzene	100		80 - 120				11/15/11 10:57	11/15/11 13:53	1.0

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.011		0.036	0.011	mg/Kg	☼	11/19/11 10:29	11/21/11 21:26	1
Acenaphthylene	<0.0083		0.036	0.0083	mg/Kg	☼	11/19/11 10:29	11/21/11 21:26	1
Anthracene	<0.0085		0.036	0.0085	mg/Kg	☼	11/19/11 10:29	11/21/11 21:26	1
Benzo[a]anthracene	0.018	J	0.036	0.0076	mg/Kg	☼	11/19/11 10:29	11/21/11 21:26	1
Benzo[a]pyrene	0.023	J	0.036	0.0066	mg/Kg	☼	11/19/11 10:29	11/21/11 21:26	1
Benzo[b]fluoranthene	0.026	J	0.036	0.0071	mg/Kg	☼	11/19/11 10:29	11/21/11 21:26	1
Benzo[g,h,i]perylene	0.017	J	0.036	0.012	mg/Kg	☼	11/19/11 10:29	11/21/11 21:26	1
Benzo[k]fluoranthene	0.015	J	0.036	0.0087	mg/Kg	☼	11/19/11 10:29	11/21/11 21:26	1
Chrysene	0.022	J	0.036	0.0082	mg/Kg	☼	11/19/11 10:29	11/21/11 21:26	1
Dibenz(a,h)anthracene	<0.010		0.036	0.010	mg/Kg	☼	11/19/11 10:29	11/21/11 21:26	1
Fluoranthene	0.024	J	0.036	0.015	mg/Kg	☼	11/19/11 10:29	11/21/11 21:26	1
Fluorene	<0.0083		0.036	0.0083	mg/Kg	☼	11/19/11 10:29	11/21/11 21:26	1
Indeno[1,2,3-cd]pyrene	0.012	J	0.036	0.012	mg/Kg	☼	11/19/11 10:29	11/21/11 21:26	1
Naphthalene	<0.0070		0.036	0.0070	mg/Kg	☼	11/19/11 10:29	11/21/11 21:26	1
Phenanthrene	<0.015		0.036	0.015	mg/Kg	☼	11/19/11 10:29	11/21/11 21:26	1
Pyrene	0.021	J	0.036	0.013	mg/Kg	☼	11/19/11 10:29	11/21/11 21:26	1
2-Methylnaphthalene	<0.047		0.18	0.047	mg/Kg	☼	11/19/11 10:29	11/21/11 21:26	1
1-Methylnaphthalene	<0.018		0.036	0.018	mg/Kg	☼	11/19/11 10:29	11/21/11 21:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	70		27 - 113				11/19/11 10:29	11/21/11 21:26	1
Nitrobenzene-d5	68		22 - 110				11/19/11 10:29	11/21/11 21:26	1
Terphenyl-d14	90		33 - 129				11/19/11 10:29	11/21/11 21:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0065		0.018	0.0065	mg/Kg	☼	11/18/11 18:58	11/20/11 15:16	1
PCB-1221	<0.015		0.018	0.015	mg/Kg	☼	11/18/11 18:58	11/20/11 15:16	1
PCB-1232	<0.0071		0.018	0.0071	mg/Kg	☼	11/18/11 18:58	11/20/11 15:16	1
PCB-1242	<0.0087		0.018	0.0087	mg/Kg	☼	11/18/11 18:58	11/20/11 15:16	1
PCB-1248	<0.0066		0.018	0.0066	mg/Kg	☼	11/18/11 18:58	11/20/11 15:16	1
PCB-1254	<0.0052		0.018	0.0052	mg/Kg	☼	11/18/11 18:58	11/20/11 15:16	1
PCB-1260	<0.0042		0.018	0.0042	mg/Kg	☼	11/18/11 18:58	11/20/11 15:16	1
Polychlorinated biphenyls, Total	<0.0028		0.018	0.0028	mg/Kg	☼	11/18/11 18:58	11/20/11 15:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	79		28 - 124				11/18/11 18:58	11/20/11 15:16	1
DCB Decachlorobiphenyl	83		38 - 130				11/18/11 18:58	11/20/11 15:16	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-28 8-10'

Lab Sample ID: WUK0363-07

Date Collected: 11/09/11 09:55

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 86.4

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.3		1.1	0.16	mg/Kg	☼	11/18/11 10:40	11/19/11 05:57	1
Barium	52	B	1.1	0.064	mg/Kg	☼	11/18/11 10:40	11/19/11 05:57	1
Cadmium	0.38		0.23	0.031	mg/Kg	☼	11/18/11 10:40	11/19/11 05:57	1
Chromium	17	B	1.1	0.097	mg/Kg	☼	11/18/11 10:40	11/19/11 05:57	1
Lead	8.3		0.57	0.28	mg/Kg	☼	11/18/11 10:40	11/19/11 05:57	1
Selenium	<0.32		1.1	0.32	mg/Kg	☼	11/18/11 10:40	11/19/11 05:57	1
Silver	<0.072		0.57	0.072	mg/Kg	☼	11/18/11 10:40	11/19/11 05:57	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.019		0.017	0.0053	mg/Kg	☼	11/21/11 08:40	11/21/11 11:31	1

Client Sample ID: B-29 0-2'

Lab Sample ID: WUK0363-08

Date Collected: 11/09/11 10:00

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 88.8

Method: SW 8260B - VOCs by SW8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<28		110	28	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:21	1.0
Bromobenzene	<28		110	28	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:21	1.0
Bromochloromethane	<28		110	28	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:21	1.0
Bromodichloromethane	<28		110	28	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:21	1.0
Bromoform	<28		110	28	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:21	1.0
Bromomethane	<110		280	110	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:21	1.0
n-Butylbenzene	<28		110	28	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:21	1.0
sec-Butylbenzene	<28		110	28	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:21	1.0
tert-Butylbenzene	<28		110	28	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:21	1.0
Carbon Tetrachloride	<28		110	28	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:21	1.0
Chlorobenzene	<28		110	28	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:21	1.0
Chlorodibromomethane	<28		110	28	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:21	1.0
Chloroethane	<56		110	56	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:21	1.0
Chloroform	<28		110	28	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:21	1.0
Chloromethane	<56		110	56	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:21	1.0
2-Chlorotoluene	<56		110	56	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:21	1.0
4-Chlorotoluene	<28		110	28	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:21	1.0
1,2-Dibromo-3-chloropropane	<56		110	56	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:21	1.0
1,2-Dibromoethane (EDB)	<28		110	28	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:21	1.0
Dibromomethane	<28		110	28	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:21	1.0
1,2-Dichlorobenzene	<28		110	28	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:21	1.0
1,3-Dichlorobenzene	<28		110	28	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:21	1.0
1,4-Dichlorobenzene	<28		110	28	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:21	1.0
Dichlorodifluoromethane	<56		110	56	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:21	1.0
1,1-Dichloroethane	<28		110	28	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:21	1.0
1,2-Dichloroethane	<28		110	28	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:21	1.0
1,1-Dichloroethene	<28		110	28	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:21	1.0
cis-1,2-Dichloroethene	<28		110	28	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:21	1.0
trans-1,2-Dichloroethene	<28		110	28	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:21	1.0
1,2-Dichloropropane	<28		110	28	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:21	1.0
1,3-Dichloropropane	<28		110	28	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:21	1.0
2,2-Dichloropropane	<28		110	28	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:21	1.0

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-29 0-2'

Lab Sample ID: WUK0363-08

Date Collected: 11/09/11 10:00

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 88.8

Method: SW 8260B - VOCs by SW8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloropropene	<28		110	28	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:21	1.0
cis-1,3-Dichloropropene	<28		110	28	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:21	1.0
trans-1,3-Dichloropropene	<28		110	28	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:21	1.0
Isopropyl Ether	<28		110	28	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:21	1.0
Ethylbenzene	<28		110	28	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:21	1.0
Hexachlorobutadiene	<28		110	28	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:21	1.0
Isopropylbenzene	<28		110	28	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:21	1.0
p-Isopropyltoluene	<28		110	28	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:21	1.0
Methylene Chloride	<56		110	56	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:21	1.0
Methyl tert-Butyl Ether	<28		110	28	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:21	1.0
Naphthalene	<56		110	56	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:21	1.0
n-Propylbenzene	<28		110	28	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:21	1.0
Styrene	<56		110	56	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:21	1.0
1,1,1,2-Tetrachloroethane	<28		110	28	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:21	1.0
1,1,2,2-Tetrachloroethane	<28		110	28	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:21	1.0
Tetrachloroethene	<28		110	28	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:21	1.0
Toluene	<28		110	28	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:21	1.0
1,2,3-Trichlorobenzene	<28		110	28	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:21	1.0
1,2,4-Trichlorobenzene	<28		110	28	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:21	1.0
1,1,1-Trichloroethane	<28		110	28	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:21	1.0
1,1,2-Trichloroethane	<28		110	28	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:21	1.0
Trichloroethene	<28		110	28	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:21	1.0
Trichlorofluoromethane	<28		110	28	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:21	1.0
1,2,3-Trichloropropane	<56		110	56	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:21	1.0
1,2,4-Trimethylbenzene	<28		110	28	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:21	1.0
1,3,5-Trimethylbenzene	<28		110	28	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:21	1.0
Vinyl chloride	<28		110	28	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:21	1.0
Xylenes, total	<84		340	84	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:21	1.0

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane	98		80 - 120	11/15/11 10:57	11/15/11 14:21	1.0
Toluene-d8	99		80 - 120	11/15/11 10:57	11/15/11 14:21	1.0
4-Bromofluorobenzene	98		80 - 120	11/15/11 10:57	11/15/11 14:21	1.0

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.011		0.036	0.011	mg/Kg	☼	11/19/11 10:29	11/21/11 21:49	1
Acenaphthylene	<0.0083		0.036	0.0083	mg/Kg	☼	11/19/11 10:29	11/21/11 21:49	1
Anthracene	<0.0085		0.036	0.0085	mg/Kg	☼	11/19/11 10:29	11/21/11 21:49	1
Benzo[a]anthracene	0.0083	J	0.036	0.0075	mg/Kg	☼	11/19/11 10:29	11/21/11 21:49	1
Benzo[a]pyrene	0.012	J	0.036	0.0066	mg/Kg	☼	11/19/11 10:29	11/21/11 21:49	1
Benzo[b]fluoranthene	0.013	J	0.036	0.0070	mg/Kg	☼	11/19/11 10:29	11/21/11 21:49	1
Benzo[g,h,i]perylene	<0.012		0.036	0.012	mg/Kg	☼	11/19/11 10:29	11/21/11 21:49	1
Benzo[k]fluoranthene	0.011	J	0.036	0.0086	mg/Kg	☼	11/19/11 10:29	11/21/11 21:49	1
Chrysene	0.012	J	0.036	0.0081	mg/Kg	☼	11/19/11 10:29	11/21/11 21:49	1
Dibenz(a,h)anthracene	<0.010		0.036	0.010	mg/Kg	☼	11/19/11 10:29	11/21/11 21:49	1
Fluoranthene	<0.015		0.036	0.015	mg/Kg	☼	11/19/11 10:29	11/21/11 21:49	1
Fluorene	<0.0082		0.036	0.0082	mg/Kg	☼	11/19/11 10:29	11/21/11 21:49	1
Indeno[1,2,3-cd]pyrene	<0.012		0.036	0.012	mg/Kg	☼	11/19/11 10:29	11/21/11 21:49	1
Naphthalene	<0.0069		0.036	0.0069	mg/Kg	☼	11/19/11 10:29	11/21/11 21:49	1
Phenanthrene	<0.015		0.036	0.015	mg/Kg	☼	11/19/11 10:29	11/21/11 21:49	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-29 0-2'

Lab Sample ID: WUK0363-08

Date Collected: 11/09/11 10:00

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 88.8

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pyrene	<0.013		0.036	0.013	mg/Kg	☼	11/19/11 10:29	11/21/11 21:49	1
2-Methylnaphthalene	<0.047		0.18	0.047	mg/Kg	☼	11/19/11 10:29	11/21/11 21:49	1
1-Methylnaphthalene	<0.018		0.036	0.018	mg/Kg	☼	11/19/11 10:29	11/21/11 21:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	71		27 - 113				11/19/11 10:29	11/21/11 21:49	1
Nitrobenzene-d5	69		22 - 110				11/19/11 10:29	11/21/11 21:49	1
Terphenyl-d14	83		33 - 129				11/19/11 10:29	11/21/11 21:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0065		0.018	0.0065	mg/Kg	☼	11/18/11 18:58	11/20/11 15:30	1
PCB-1221	<0.015		0.018	0.015	mg/Kg	☼	11/18/11 18:58	11/20/11 15:30	1
PCB-1232	<0.0070		0.018	0.0070	mg/Kg	☼	11/18/11 18:58	11/20/11 15:30	1
PCB-1242	<0.0086		0.018	0.0086	mg/Kg	☼	11/18/11 18:58	11/20/11 15:30	1
PCB-1248	<0.0066		0.018	0.0066	mg/Kg	☼	11/18/11 18:58	11/20/11 15:30	1
PCB-1254	<0.0052		0.018	0.0052	mg/Kg	☼	11/18/11 18:58	11/20/11 15:30	1
PCB-1260	<0.0042		0.018	0.0042	mg/Kg	☼	11/18/11 18:58	11/20/11 15:30	1
Polychlorinated biphenyls, Total	<0.0028		0.018	0.0028	mg/Kg	☼	11/18/11 18:58	11/20/11 15:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	76		28 - 124				11/18/11 18:58	11/20/11 15:30	1
DCB Decachlorobiphenyl	81		38 - 130				11/18/11 18:58	11/20/11 15:30	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.1		1.1	0.16	mg/Kg	☼	11/18/11 10:40	11/19/11 06:03	1
Barium	35	B	1.1	0.062	mg/Kg	☼	11/18/11 10:40	11/19/11 06:03	1
Cadmium	0.39		0.22	0.030	mg/Kg	☼	11/18/11 10:40	11/19/11 06:03	1
Chromium	18	B	1.1	0.095	mg/Kg	☼	11/18/11 10:40	11/19/11 06:03	1
Lead	9.6		0.56	0.27	mg/Kg	☼	11/18/11 10:40	11/19/11 06:03	1
Selenium	<0.31		1.1	0.31	mg/Kg	☼	11/18/11 10:40	11/19/11 06:03	1
Silver	<0.070		0.56	0.070	mg/Kg	☼	11/18/11 10:40	11/19/11 06:03	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.020		0.017	0.0053	mg/Kg	☼	11/21/11 08:40	11/21/11 11:32	1

Client Sample ID: B-29 4-6'

Lab Sample ID: WUK0363-09

Date Collected: 11/09/11 10:10

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 86.5

Method: SW 8260B - VOCs by SW8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:48	1.0
Bromobenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:48	1.0
Bromochloromethane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:48	1.0
Bromodichloromethane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:48	1.0
Bromoform	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:48	1.0
Bromomethane	<120		290	120	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:48	1.0
n-Butylbenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:48	1.0

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-29 4-6'

Lab Sample ID: WUK0363-09

Date Collected: 11/09/11 10:10

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 86.5

Method: SW 8260B - VOCs by SW8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:48	1.0
tert-Butylbenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:48	1.0
Carbon Tetrachloride	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:48	1.0
Chlorobenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:48	1.0
Chlorodibromomethane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:48	1.0
Chloroethane	<58		120	58	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:48	1.0
Chloroform	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:48	1.0
Chloromethane	<58		120	58	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:48	1.0
2-Chlorotoluene	<58		120	58	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:48	1.0
4-Chlorotoluene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:48	1.0
1,2-Dibromo-3-chloropropane	<58		120	58	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:48	1.0
1,2-Dibromoethane (EDB)	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:48	1.0
Dibromomethane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:48	1.0
1,2-Dichlorobenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:48	1.0
1,3-Dichlorobenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:48	1.0
1,4-Dichlorobenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:48	1.0
Dichlorodifluoromethane	<58		120	58	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:48	1.0
1,1-Dichloroethane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:48	1.0
1,2-Dichloroethane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:48	1.0
1,1-Dichloroethene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:48	1.0
cis-1,2-Dichloroethene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:48	1.0
trans-1,2-Dichloroethene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:48	1.0
1,2-Dichloropropane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:48	1.0
1,3-Dichloropropane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:48	1.0
2,2-Dichloropropane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:48	1.0
1,1-Dichloropropene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:48	1.0
cis-1,3-Dichloropropene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:48	1.0
trans-1,3-Dichloropropene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:48	1.0
Isopropyl Ether	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:48	1.0
Ethylbenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:48	1.0
Hexachlorobutadiene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:48	1.0
Isopropylbenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:48	1.0
p-Isopropyltoluene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:48	1.0
Methylene Chloride	<58		120	58	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:48	1.0
Methyl tert-Butyl Ether	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:48	1.0
Naphthalene	<58		120	58	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:48	1.0
n-Propylbenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:48	1.0
Styrene	<58		120	58	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:48	1.0
1,1,1,2-Tetrachloroethane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:48	1.0
1,1,2,2-Tetrachloroethane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:48	1.0
Tetrachloroethene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:48	1.0
Toluene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:48	1.0
1,2,3-Trichlorobenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:48	1.0
1,2,4-Trichlorobenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:48	1.0
1,1,1-Trichloroethane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:48	1.0
1,1,2-Trichloroethane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:48	1.0
Trichloroethene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:48	1.0
Trichlorofluoromethane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:48	1.0
1,2,3-Trichloropropane	<58		120	58	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:48	1.0
1,2,4-Trimethylbenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:48	1.0

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-29 4-6'

Lab Sample ID: WUK0363-09

Date Collected: 11/09/11 10:10

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 86.5

Method: SW 8260B - VOCs by SW8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:48	1.0
Vinyl chloride	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:48	1.0
Xylenes, total	<87		350	87	ug/kg dry	☼	11/15/11 10:57	11/15/11 14:48	1.0
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Dibromofluoromethane	100		80 - 120				11/15/11 10:57	11/15/11 14:48	1.0
Toluene-d8	98		80 - 120				11/15/11 10:57	11/15/11 14:48	1.0
4-Bromofluorobenzene	99		80 - 120				11/15/11 10:57	11/15/11 14:48	1.0

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.011		0.037	0.011	mg/Kg	☼	11/19/11 10:29	11/21/11 22:11	1
Acenaphthylene	<0.0085		0.037	0.0085	mg/Kg	☼	11/19/11 10:29	11/21/11 22:11	1
Anthracene	<0.0087		0.037	0.0087	mg/Kg	☼	11/19/11 10:29	11/21/11 22:11	1
Benzo[a]anthracene	0.033	J	0.037	0.0078	mg/Kg	☼	11/19/11 10:29	11/21/11 22:11	1
Benzo[a]pyrene	0.045		0.037	0.0068	mg/Kg	☼	11/19/11 10:29	11/21/11 22:11	1
Benzo[b]fluoranthene	0.050		0.037	0.0072	mg/Kg	☼	11/19/11 10:29	11/21/11 22:11	1
Benzo[g,h,i]perylene	0.034	J	0.037	0.012	mg/Kg	☼	11/19/11 10:29	11/21/11 22:11	1
Benzo[k]fluoranthene	0.039		0.037	0.0088	mg/Kg	☼	11/19/11 10:29	11/21/11 22:11	1
Chrysene	0.050		0.037	0.0084	mg/Kg	☼	11/19/11 10:29	11/21/11 22:11	1
Dibenz(a,h)anthracene	<0.010		0.037	0.010	mg/Kg	☼	11/19/11 10:29	11/21/11 22:11	1
Fluoranthene	0.064		0.037	0.015	mg/Kg	☼	11/19/11 10:29	11/21/11 22:11	1
Fluorene	<0.0084		0.037	0.0084	mg/Kg	☼	11/19/11 10:29	11/21/11 22:11	1
Indeno[1,2,3-cd]pyrene	0.027	J	0.037	0.012	mg/Kg	☼	11/19/11 10:29	11/21/11 22:11	1
Naphthalene	<0.0071		0.037	0.0071	mg/Kg	☼	11/19/11 10:29	11/21/11 22:11	1
Phenanthrene	0.021	J	0.037	0.016	mg/Kg	☼	11/19/11 10:29	11/21/11 22:11	1
Pyrene	0.067		0.037	0.013	mg/Kg	☼	11/19/11 10:29	11/21/11 22:11	1
2-Methylnaphthalene	<0.048		0.19	0.048	mg/Kg	☼	11/19/11 10:29	11/21/11 22:11	1
1-Methylnaphthalene	<0.018		0.037	0.018	mg/Kg	☼	11/19/11 10:29	11/21/11 22:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	77		27 - 113				11/19/11 10:29	11/21/11 22:11	1
Nitrobenzene-d5	74		22 - 110				11/19/11 10:29	11/21/11 22:11	1
Terphenyl-d14	98		33 - 129				11/19/11 10:29	11/21/11 22:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0067		0.019	0.0067	mg/Kg	☼	11/18/11 18:58	11/20/11 15:44	1
PCB-1221	<0.015		0.019	0.015	mg/Kg	☼	11/18/11 18:58	11/20/11 15:44	1
PCB-1232	<0.0073		0.019	0.0073	mg/Kg	☼	11/18/11 18:58	11/20/11 15:44	1
PCB-1242	<0.0089		0.019	0.0089	mg/Kg	☼	11/18/11 18:58	11/20/11 15:44	1
PCB-1248	<0.0068		0.019	0.0068	mg/Kg	☼	11/18/11 18:58	11/20/11 15:44	1
PCB-1254	<0.0054		0.019	0.0054	mg/Kg	☼	11/18/11 18:58	11/20/11 15:44	1
PCB-1260	<0.0044		0.019	0.0044	mg/Kg	☼	11/18/11 18:58	11/20/11 15:44	1
Polychlorinated biphenyls, Total	<0.0029		0.019	0.0029	mg/Kg	☼	11/18/11 18:58	11/20/11 15:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	71		28 - 124				11/18/11 18:58	11/20/11 15:44	1
DCB Decachlorobiphenyl	80		38 - 130				11/18/11 18:58	11/20/11 15:44	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-29 4-6'

Lab Sample ID: WUK0363-09

Date Collected: 11/09/11 10:10

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 86.5

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	8.4		1.1	0.16	mg/Kg	☼	11/18/11 10:40	11/19/11 06:10	1
Barium	43	B	1.1	0.062	mg/Kg	☼	11/18/11 10:40	11/19/11 06:10	1
Cadmium	0.42		0.22	0.030	mg/Kg	☼	11/18/11 10:40	11/19/11 06:10	1
Chromium	16	B	1.1	0.094	mg/Kg	☼	11/18/11 10:40	11/19/11 06:10	1
Lead	9.0		0.55	0.27	mg/Kg	☼	11/18/11 10:40	11/19/11 06:10	1
Selenium	<0.31		1.1	0.31	mg/Kg	☼	11/18/11 10:40	11/19/11 06:10	1
Silver	<0.070		0.55	0.070	mg/Kg	☼	11/18/11 10:40	11/19/11 06:10	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0061	J	0.018	0.0055	mg/Kg	☼	11/21/11 08:40	11/21/11 11:39	1

Client Sample ID: B-29 8-10'

Lab Sample ID: WUK0363-10

Date Collected: 11/09/11 10:20

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 83

Method: SW 8260B - VOCs by SW8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 15:15	1.0
Bromobenzene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 15:15	1.0
Bromochloromethane	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 15:15	1.0
Bromodichloromethane	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 15:15	1.0
Bromoform	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 15:15	1.0
Bromomethane	<120		300	120	ug/kg dry	☼	11/15/11 10:57	11/15/11 15:15	1.0
n-Butylbenzene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 15:15	1.0
sec-Butylbenzene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 15:15	1.0
tert-Butylbenzene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 15:15	1.0
Carbon Tetrachloride	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 15:15	1.0
Chlorobenzene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 15:15	1.0
Chlorodibromomethane	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 15:15	1.0
Chloroethane	<60		120	60	ug/kg dry	☼	11/15/11 10:57	11/15/11 15:15	1.0
Chloroform	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 15:15	1.0
Chloromethane	<60		120	60	ug/kg dry	☼	11/15/11 10:57	11/15/11 15:15	1.0
2-Chlorotoluene	<60		120	60	ug/kg dry	☼	11/15/11 10:57	11/15/11 15:15	1.0
4-Chlorotoluene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 15:15	1.0
1,2-Dibromo-3-chloropropane	<60		120	60	ug/kg dry	☼	11/15/11 10:57	11/15/11 15:15	1.0
1,2-Dibromoethane (EDB)	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 15:15	1.0
Dibromomethane	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 15:15	1.0
1,2-Dichlorobenzene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 15:15	1.0
1,3-Dichlorobenzene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 15:15	1.0
1,4-Dichlorobenzene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 15:15	1.0
Dichlorodifluoromethane	<60		120	60	ug/kg dry	☼	11/15/11 10:57	11/15/11 15:15	1.0
1,1-Dichloroethane	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 15:15	1.0
1,2-Dichloroethane	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 15:15	1.0
1,1-Dichloroethene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 15:15	1.0
cis-1,2-Dichloroethene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 15:15	1.0
trans-1,2-Dichloroethene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 15:15	1.0
1,2-Dichloropropane	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 15:15	1.0
1,3-Dichloropropane	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 15:15	1.0
2,2-Dichloropropane	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 15:15	1.0

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-29 8-10'

Lab Sample ID: WUK0363-10

Date Collected: 11/09/11 10:20

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 83

Method: SW 8260B - VOCs by SW8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloropropene	<30		120	30	ug/kg dry	*	11/15/11 10:57	11/15/11 15:15	1.0
cis-1,3-Dichloropropene	<30		120	30	ug/kg dry	*	11/15/11 10:57	11/15/11 15:15	1.0
trans-1,3-Dichloropropene	<30		120	30	ug/kg dry	*	11/15/11 10:57	11/15/11 15:15	1.0
Isopropyl Ether	<30		120	30	ug/kg dry	*	11/15/11 10:57	11/15/11 15:15	1.0
Ethylbenzene	<30		120	30	ug/kg dry	*	11/15/11 10:57	11/15/11 15:15	1.0
Hexachlorobutadiene	<30		120	30	ug/kg dry	*	11/15/11 10:57	11/15/11 15:15	1.0
Isopropylbenzene	<30		120	30	ug/kg dry	*	11/15/11 10:57	11/15/11 15:15	1.0
p-Isopropyltoluene	<30		120	30	ug/kg dry	*	11/15/11 10:57	11/15/11 15:15	1.0
Methylene Chloride	<60		120	60	ug/kg dry	*	11/15/11 10:57	11/15/11 15:15	1.0
Methyl tert-Butyl Ether	<30		120	30	ug/kg dry	*	11/15/11 10:57	11/15/11 15:15	1.0
Naphthalene	<60		120	60	ug/kg dry	*	11/15/11 10:57	11/15/11 15:15	1.0
n-Propylbenzene	<30		120	30	ug/kg dry	*	11/15/11 10:57	11/15/11 15:15	1.0
Styrene	<60		120	60	ug/kg dry	*	11/15/11 10:57	11/15/11 15:15	1.0
1,1,1,2-Tetrachloroethane	<30		120	30	ug/kg dry	*	11/15/11 10:57	11/15/11 15:15	1.0
1,1,2,2-Tetrachloroethane	<30		120	30	ug/kg dry	*	11/15/11 10:57	11/15/11 15:15	1.0
Tetrachloroethene	<30		120	30	ug/kg dry	*	11/15/11 10:57	11/15/11 15:15	1.0
Toluene	<30		120	30	ug/kg dry	*	11/15/11 10:57	11/15/11 15:15	1.0
1,2,3-Trichlorobenzene	<30		120	30	ug/kg dry	*	11/15/11 10:57	11/15/11 15:15	1.0
1,2,4-Trichlorobenzene	<30		120	30	ug/kg dry	*	11/15/11 10:57	11/15/11 15:15	1.0
1,1,1-Trichloroethane	<30		120	30	ug/kg dry	*	11/15/11 10:57	11/15/11 15:15	1.0
1,1,2-Trichloroethane	<30		120	30	ug/kg dry	*	11/15/11 10:57	11/15/11 15:15	1.0
Trichloroethene	<30		120	30	ug/kg dry	*	11/15/11 10:57	11/15/11 15:15	1.0
Trichlorofluoromethane	<30		120	30	ug/kg dry	*	11/15/11 10:57	11/15/11 15:15	1.0
1,2,3-Trichloropropane	<60		120	60	ug/kg dry	*	11/15/11 10:57	11/15/11 15:15	1.0
1,2,4-Trimethylbenzene	<30		120	30	ug/kg dry	*	11/15/11 10:57	11/15/11 15:15	1.0
1,3,5-Trimethylbenzene	<30		120	30	ug/kg dry	*	11/15/11 10:57	11/15/11 15:15	1.0
Vinyl chloride	<30		120	30	ug/kg dry	*	11/15/11 10:57	11/15/11 15:15	1.0
Xylenes, total	<90		360	90	ug/kg dry	*	11/15/11 10:57	11/15/11 15:15	1.0

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane	98		80 - 120	11/15/11 10:57	11/15/11 15:15	1.0
Toluene-d8	100		80 - 120	11/15/11 10:57	11/15/11 15:15	1.0
4-Bromofluorobenzene	99		80 - 120	11/15/11 10:57	11/15/11 15:15	1.0

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.12		0.039	0.012	mg/Kg	*	11/19/11 10:29	11/22/11 13:37	1
Acenaphthylene	<0.0091		0.039	0.0091	mg/Kg	*	11/19/11 10:29	11/22/11 13:37	1
Anthracene	0.20		0.039	0.0093	mg/Kg	*	11/19/11 10:29	11/22/11 13:37	1
Benzo[a]anthracene	0.22		0.039	0.0083	mg/Kg	*	11/19/11 10:29	11/22/11 13:37	1
Benzo[a]pyrene	0.18		0.039	0.0072	mg/Kg	*	11/19/11 10:29	11/22/11 13:37	1
Benzo[b]fluoranthene	0.17		0.039	0.0077	mg/Kg	*	11/19/11 10:29	11/22/11 13:37	1
Benzo[g,h,i]perylene	0.10		0.039	0.013	mg/Kg	*	11/19/11 10:29	11/22/11 13:37	1
Benzo[k]fluoranthene	0.15		0.039	0.0095	mg/Kg	*	11/19/11 10:29	11/22/11 13:37	1
Chrysene	0.23		0.039	0.0090	mg/Kg	*	11/19/11 10:29	11/22/11 13:37	1
Dibenz(a,h)anthracene	0.032	J	0.039	0.011	mg/Kg	*	11/19/11 10:29	11/22/11 13:37	1
Fluoranthene	0.66		0.039	0.016	mg/Kg	*	11/19/11 10:29	11/22/11 13:37	1
Fluorene	0.12		0.039	0.0090	mg/Kg	*	11/19/11 10:29	11/22/11 13:37	1
Indeno[1,2,3-cd]pyrene	0.10		0.039	0.013	mg/Kg	*	11/19/11 10:29	11/22/11 13:37	1
Naphthalene	0.033	J	0.039	0.0077	mg/Kg	*	11/19/11 10:29	11/22/11 13:37	1
Phenanthrene	0.65		0.039	0.017	mg/Kg	*	11/19/11 10:29	11/22/11 13:37	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-29 8-10'

Lab Sample ID: WUK0363-10

Date Collected: 11/09/11 10:20

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 83.0

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pyrene	0.45		0.039	0.014	mg/Kg	☼	11/19/11 10:29	11/22/11 13:37	1
2-Methylnaphthalene	<0.052		0.20	0.052	mg/Kg	☼	11/19/11 10:29	11/22/11 13:37	1
1-Methylnaphthalene	<0.020		0.039	0.020	mg/Kg	☼	11/19/11 10:29	11/22/11 13:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	76		27 - 113				11/19/11 10:29	11/22/11 13:37	1
Nitrobenzene-d5	77		22 - 110				11/19/11 10:29	11/22/11 13:37	1
Terphenyl-d14	92		33 - 129				11/19/11 10:29	11/22/11 13:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0070		0.020	0.0070	mg/Kg	☼	11/18/11 18:58	11/20/11 15:58	1
PCB-1221	<0.016		0.020	0.016	mg/Kg	☼	11/18/11 18:58	11/20/11 15:58	1
PCB-1232	<0.0076		0.020	0.0076	mg/Kg	☼	11/18/11 18:58	11/20/11 15:58	1
PCB-1242	<0.0094		0.020	0.0094	mg/Kg	☼	11/18/11 18:58	11/20/11 15:58	1
PCB-1248	<0.0072		0.020	0.0072	mg/Kg	☼	11/18/11 18:58	11/20/11 15:58	1
PCB-1254	<0.0056		0.020	0.0056	mg/Kg	☼	11/18/11 18:58	11/20/11 15:58	1
PCB-1260	<0.0046		0.020	0.0046	mg/Kg	☼	11/18/11 18:58	11/20/11 15:58	1
Polychlorinated biphenyls, Total	<0.0031		0.020	0.0031	mg/Kg	☼	11/18/11 18:58	11/20/11 15:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	65		28 - 124				11/18/11 18:58	11/20/11 15:58	1
DCB Decachlorobiphenyl	84		38 - 130				11/18/11 18:58	11/20/11 15:58	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.4		1.2	0.17	mg/Kg	☼	11/18/11 10:40	11/19/11 06:16	1
Barium	77	B	1.2	0.067	mg/Kg	☼	11/18/11 10:40	11/19/11 06:16	1
Cadmium	0.36		0.24	0.032	mg/Kg	☼	11/18/11 10:40	11/19/11 06:16	1
Chromium	26	B	1.2	0.10	mg/Kg	☼	11/18/11 10:40	11/19/11 06:16	1
Lead	10		0.59	0.29	mg/Kg	☼	11/18/11 10:40	11/19/11 06:16	1
Selenium	<0.33		1.2	0.33	mg/Kg	☼	11/18/11 10:40	11/19/11 06:16	1
Silver	<0.075		0.59	0.075	mg/Kg	☼	11/18/11 10:40	11/19/11 06:16	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.029		0.019	0.0058	mg/Kg	☼	11/21/11 08:40	11/21/11 11:41	1

Client Sample ID: B-30 0-2'

Lab Sample ID: WUK0363-11

Date Collected: 11/09/11 10:25

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 86.4

Method: SW 8260B - VOCs by SW8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 15:42	1.0
Bromobenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 15:42	1.0
Bromochloromethane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 15:42	1.0
Bromodichloromethane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 15:42	1.0
Bromoform	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 15:42	1.0
Bromomethane	<120		290	120	ug/kg dry	☼	11/15/11 10:57	11/15/11 15:42	1.0
n-Butylbenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 15:42	1.0

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-30 0-2'

Lab Sample ID: WUK0363-11

Date Collected: 11/09/11 10:25

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 86.4

Method: SW 8260B - VOCs by SW8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 15:42	1.0
tert-Butylbenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 15:42	1.0
Carbon Tetrachloride	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 15:42	1.0
Chlorobenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 15:42	1.0
Chlorodibromomethane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 15:42	1.0
Chloroethane	<58		120	58	ug/kg dry	☼	11/15/11 10:57	11/15/11 15:42	1.0
Chloroform	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 15:42	1.0
Chloromethane	<58		120	58	ug/kg dry	☼	11/15/11 10:57	11/15/11 15:42	1.0
2-Chlorotoluene	<58		120	58	ug/kg dry	☼	11/15/11 10:57	11/15/11 15:42	1.0
4-Chlorotoluene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 15:42	1.0
1,2-Dibromo-3-chloropropane	<58		120	58	ug/kg dry	☼	11/15/11 10:57	11/15/11 15:42	1.0
1,2-Dibromoethane (EDB)	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 15:42	1.0
Dibromomethane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 15:42	1.0
1,2-Dichlorobenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 15:42	1.0
1,3-Dichlorobenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 15:42	1.0
1,4-Dichlorobenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 15:42	1.0
Dichlorodifluoromethane	<58		120	58	ug/kg dry	☼	11/15/11 10:57	11/15/11 15:42	1.0
1,1-Dichloroethane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 15:42	1.0
1,2-Dichloroethane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 15:42	1.0
1,1-Dichloroethene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 15:42	1.0
cis-1,2-Dichloroethene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 15:42	1.0
trans-1,2-Dichloroethene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 15:42	1.0
1,2-Dichloropropane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 15:42	1.0
1,3-Dichloropropane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 15:42	1.0
2,2-Dichloropropane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 15:42	1.0
1,1-Dichloropropene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 15:42	1.0
cis-1,3-Dichloropropene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 15:42	1.0
trans-1,3-Dichloropropene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 15:42	1.0
Isopropyl Ether	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 15:42	1.0
Ethylbenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 15:42	1.0
Hexachlorobutadiene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 15:42	1.0
Isopropylbenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 15:42	1.0
p-Isopropyltoluene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 15:42	1.0
Methylene Chloride	<58		120	58	ug/kg dry	☼	11/15/11 10:57	11/15/11 15:42	1.0
Methyl tert-Butyl Ether	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 15:42	1.0
Naphthalene	<58		120	58	ug/kg dry	☼	11/15/11 10:57	11/15/11 15:42	1.0
n-Propylbenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 15:42	1.0
Styrene	<58		120	58	ug/kg dry	☼	11/15/11 10:57	11/15/11 15:42	1.0
1,1,1,2-Tetrachloroethane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 15:42	1.0
1,1,2,2-Tetrachloroethane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 15:42	1.0
Tetrachloroethene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 15:42	1.0
Toluene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 15:42	1.0
1,2,3-Trichlorobenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 15:42	1.0
1,2,4-Trichlorobenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 15:42	1.0
1,1,1-Trichloroethane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 15:42	1.0
1,1,2-Trichloroethane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 15:42	1.0
Trichloroethene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 15:42	1.0
Trichlorofluoromethane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 15:42	1.0
1,2,3-Trichloropropane	<58		120	58	ug/kg dry	☼	11/15/11 10:57	11/15/11 15:42	1.0
1,2,4-Trimethylbenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 15:42	1.0

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-30 0-2'

Lab Sample ID: WUK0363-11

Date Collected: 11/09/11 10:25

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 86.4

Method: SW 8260B - VOCs by SW8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 15:42	1.0
Vinyl chloride	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 15:42	1.0
Xylenes, total	<87		350	87	ug/kg dry	☼	11/15/11 10:57	11/15/11 15:42	1.0
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Dibromofluoromethane	100		80 - 120				11/15/11 10:57	11/15/11 15:42	1.0
Toluene-d8	98		80 - 120				11/15/11 10:57	11/15/11 15:42	1.0
4-Bromofluorobenzene	99		80 - 120				11/15/11 10:57	11/15/11 15:42	1.0

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.011		0.037	0.011	mg/Kg	☼	11/19/11 10:29	11/21/11 22:55	1
Acenaphthylene	0.0089	J	0.037	0.0085	mg/Kg	☼	11/19/11 10:29	11/21/11 22:55	1
Anthracene	0.021	J	0.037	0.0087	mg/Kg	☼	11/19/11 10:29	11/21/11 22:55	1
Benzo[a]anthracene	0.20		0.037	0.0078	mg/Kg	☼	11/19/11 10:29	11/21/11 22:55	1
Benzo[a]pyrene	0.22		0.037	0.0068	mg/Kg	☼	11/19/11 10:29	11/21/11 22:55	1
Benzo[b]fluoranthene	0.26		0.037	0.0072	mg/Kg	☼	11/19/11 10:29	11/21/11 22:55	1
Benzo[g,h,i]perylene	0.15		0.037	0.013	mg/Kg	☼	11/19/11 10:29	11/21/11 22:55	1
Benzo[k]fluoranthene	0.14		0.037	0.0089	mg/Kg	☼	11/19/11 10:29	11/21/11 22:55	1
Chrysene	0.21		0.037	0.0084	mg/Kg	☼	11/19/11 10:29	11/21/11 22:55	1
Dibenz(a,h)anthracene	0.044		0.037	0.010	mg/Kg	☼	11/19/11 10:29	11/21/11 22:55	1
Fluoranthene	0.23		0.037	0.015	mg/Kg	☼	11/19/11 10:29	11/21/11 22:55	1
Fluorene	<0.0085		0.037	0.0085	mg/Kg	☼	11/19/11 10:29	11/21/11 22:55	1
Indeno[1,2,3-cd]pyrene	0.13		0.037	0.013	mg/Kg	☼	11/19/11 10:29	11/21/11 22:55	1
Naphthalene	<0.0072		0.037	0.0072	mg/Kg	☼	11/19/11 10:29	11/21/11 22:55	1
Phenanthrene	0.047		0.037	0.016	mg/Kg	☼	11/19/11 10:29	11/21/11 22:55	1
Pyrene	0.23		0.037	0.013	mg/Kg	☼	11/19/11 10:29	11/21/11 22:55	1
2-Methylnaphthalene	<0.048		0.19	0.048	mg/Kg	☼	11/19/11 10:29	11/21/11 22:55	1
1-Methylnaphthalene	<0.018		0.037	0.018	mg/Kg	☼	11/19/11 10:29	11/21/11 22:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	74		27 - 113				11/19/11 10:29	11/21/11 22:55	1
Nitrobenzene-d5	72		22 - 110				11/19/11 10:29	11/21/11 22:55	1
Terphenyl-d14	95		33 - 129				11/19/11 10:29	11/21/11 22:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0068		0.019	0.0068	mg/Kg	☼	11/18/11 18:58	11/20/11 16:12	1
PCB-1221	<0.015		0.019	0.015	mg/Kg	☼	11/18/11 18:58	11/20/11 16:12	1
PCB-1232	<0.0074		0.019	0.0074	mg/Kg	☼	11/18/11 18:58	11/20/11 16:12	1
PCB-1242	<0.0091		0.019	0.0091	mg/Kg	☼	11/18/11 18:58	11/20/11 16:12	1
PCB-1248	<0.0069		0.019	0.0069	mg/Kg	☼	11/18/11 18:58	11/20/11 16:12	1
PCB-1254	<0.0054		0.019	0.0054	mg/Kg	☼	11/18/11 18:58	11/20/11 16:12	1
PCB-1260	<0.0044		0.019	0.0044	mg/Kg	☼	11/18/11 18:58	11/20/11 16:12	1
Polychlorinated biphenyls, Total	<0.0029		0.019	0.0029	mg/Kg	☼	11/18/11 18:58	11/20/11 16:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	69		28 - 124				11/18/11 18:58	11/20/11 16:12	1
DCB Decachlorobiphenyl	88		38 - 130				11/18/11 18:58	11/20/11 16:12	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-30 0-2'

Lab Sample ID: WUK0363-11

Date Collected: 11/09/11 10:25

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 86.4

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.7		1.0	0.15	mg/Kg	☼	11/18/11 10:40	11/19/11 06:22	1
Barium	49	B	1.0	0.058	mg/Kg	☼	11/18/11 10:40	11/19/11 06:22	1
Cadmium	0.31		0.21	0.028	mg/Kg	☼	11/18/11 10:40	11/19/11 06:22	1
Chromium	15	B	1.0	0.088	mg/Kg	☼	11/18/11 10:40	11/19/11 06:22	1
Lead	7.5		0.52	0.25	mg/Kg	☼	11/18/11 10:40	11/19/11 06:22	1
Selenium	<0.29		1.0	0.29	mg/Kg	☼	11/18/11 10:40	11/19/11 06:22	1
Silver	<0.065		0.52	0.065	mg/Kg	☼	11/18/11 10:40	11/19/11 06:22	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.015	J	0.017	0.0052	mg/Kg	☼	11/21/11 08:40	11/21/11 11:43	1

Client Sample ID: B-30 4-6'

Lab Sample ID: WUK0363-12

Date Collected: 11/09/11 10:35

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 83.1

Method: SW 8260B - VOCs by SW8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 16:09	1.0
Bromobenzene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 16:09	1.0
Bromochloromethane	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 16:09	1.0
Bromodichloromethane	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 16:09	1.0
Bromoform	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 16:09	1.0
Bromomethane	<120		300	120	ug/kg dry	☼	11/15/11 10:57	11/15/11 16:09	1.0
n-Butylbenzene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 16:09	1.0
sec-Butylbenzene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 16:09	1.0
tert-Butylbenzene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 16:09	1.0
Carbon Tetrachloride	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 16:09	1.0
Chlorobenzene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 16:09	1.0
Chlorodibromomethane	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 16:09	1.0
Chloroethane	<60		120	60	ug/kg dry	☼	11/15/11 10:57	11/15/11 16:09	1.0
Chloroform	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 16:09	1.0
Chloromethane	<60		120	60	ug/kg dry	☼	11/15/11 10:57	11/15/11 16:09	1.0
2-Chlorotoluene	<60		120	60	ug/kg dry	☼	11/15/11 10:57	11/15/11 16:09	1.0
4-Chlorotoluene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 16:09	1.0
1,2-Dibromo-3-chloropropane	<60		120	60	ug/kg dry	☼	11/15/11 10:57	11/15/11 16:09	1.0
1,2-Dibromoethane (EDB)	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 16:09	1.0
Dibromomethane	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 16:09	1.0
1,2-Dichlorobenzene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 16:09	1.0
1,3-Dichlorobenzene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 16:09	1.0
1,4-Dichlorobenzene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 16:09	1.0
Dichlorodifluoromethane	<60		120	60	ug/kg dry	☼	11/15/11 10:57	11/15/11 16:09	1.0
1,1-Dichloroethane	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 16:09	1.0
1,2-Dichloroethane	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 16:09	1.0
1,1-Dichloroethene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 16:09	1.0
cis-1,2-Dichloroethene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 16:09	1.0
trans-1,2-Dichloroethene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 16:09	1.0
1,2-Dichloropropane	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 16:09	1.0
1,3-Dichloropropane	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 16:09	1.0
2,2-Dichloropropane	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 16:09	1.0

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-30 4-6'

Lab Sample ID: WUK0363-12

Date Collected: 11/09/11 10:35

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 83.1

Method: SW 8260B - VOCs by SW8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloropropene	<30		120	30	ug/kg dry	✱	11/15/11 10:57	11/15/11 16:09	1.0
cis-1,3-Dichloropropene	<30		120	30	ug/kg dry	✱	11/15/11 10:57	11/15/11 16:09	1.0
trans-1,3-Dichloropropene	<30		120	30	ug/kg dry	✱	11/15/11 10:57	11/15/11 16:09	1.0
Isopropyl Ether	<30		120	30	ug/kg dry	✱	11/15/11 10:57	11/15/11 16:09	1.0
Ethylbenzene	<30		120	30	ug/kg dry	✱	11/15/11 10:57	11/15/11 16:09	1.0
Hexachlorobutadiene	<30		120	30	ug/kg dry	✱	11/15/11 10:57	11/15/11 16:09	1.0
Isopropylbenzene	<30		120	30	ug/kg dry	✱	11/15/11 10:57	11/15/11 16:09	1.0
p-Isopropyltoluene	<30		120	30	ug/kg dry	✱	11/15/11 10:57	11/15/11 16:09	1.0
Methylene Chloride	<60		120	60	ug/kg dry	✱	11/15/11 10:57	11/15/11 16:09	1.0
Methyl tert-Butyl Ether	<30		120	30	ug/kg dry	✱	11/15/11 10:57	11/15/11 16:09	1.0
Naphthalene	<60		120	60	ug/kg dry	✱	11/15/11 10:57	11/15/11 16:09	1.0
n-Propylbenzene	<30		120	30	ug/kg dry	✱	11/15/11 10:57	11/15/11 16:09	1.0
Styrene	<60		120	60	ug/kg dry	✱	11/15/11 10:57	11/15/11 16:09	1.0
1,1,1,2-Tetrachloroethane	<30		120	30	ug/kg dry	✱	11/15/11 10:57	11/15/11 16:09	1.0
1,1,2,2-Tetrachloroethane	<30		120	30	ug/kg dry	✱	11/15/11 10:57	11/15/11 16:09	1.0
Tetrachloroethene	<30		120	30	ug/kg dry	✱	11/15/11 10:57	11/15/11 16:09	1.0
Toluene	<30		120	30	ug/kg dry	✱	11/15/11 10:57	11/15/11 16:09	1.0
1,2,3-Trichlorobenzene	<30		120	30	ug/kg dry	✱	11/15/11 10:57	11/15/11 16:09	1.0
1,2,4-Trichlorobenzene	<30		120	30	ug/kg dry	✱	11/15/11 10:57	11/15/11 16:09	1.0
1,1,1-Trichloroethane	<30		120	30	ug/kg dry	✱	11/15/11 10:57	11/15/11 16:09	1.0
1,1,2-Trichloroethane	<30		120	30	ug/kg dry	✱	11/15/11 10:57	11/15/11 16:09	1.0
Trichloroethene	<30		120	30	ug/kg dry	✱	11/15/11 10:57	11/15/11 16:09	1.0
Trichlorofluoromethane	<30		120	30	ug/kg dry	✱	11/15/11 10:57	11/15/11 16:09	1.0
1,2,3-Trichloropropane	<60		120	60	ug/kg dry	✱	11/15/11 10:57	11/15/11 16:09	1.0
1,2,4-Trimethylbenzene	<30		120	30	ug/kg dry	✱	11/15/11 10:57	11/15/11 16:09	1.0
1,3,5-Trimethylbenzene	<30		120	30	ug/kg dry	✱	11/15/11 10:57	11/15/11 16:09	1.0
Vinyl chloride	<30		120	30	ug/kg dry	✱	11/15/11 10:57	11/15/11 16:09	1.0
Xylenes, total	<90		360	90	ug/kg dry	✱	11/15/11 10:57	11/15/11 16:09	1.0

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane	97		80 - 120	11/15/11 10:57	11/15/11 16:09	1.0
Toluene-d8	99		80 - 120	11/15/11 10:57	11/15/11 16:09	1.0
4-Bromofluorobenzene	100		80 - 120	11/15/11 10:57	11/15/11 16:09	1.0

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.012		0.039	0.012	mg/Kg	✱	11/19/11 10:29	11/21/11 23:17	1
Acenaphthylene	<0.0091		0.039	0.0091	mg/Kg	✱	11/19/11 10:29	11/21/11 23:17	1
Anthracene	<0.0093		0.039	0.0093	mg/Kg	✱	11/19/11 10:29	11/21/11 23:17	1
Benzo[a]anthracene	0.0091	J	0.039	0.0083	mg/Kg	✱	11/19/11 10:29	11/21/11 23:17	1
Benzo[a]pyrene	0.0094	J	0.039	0.0072	mg/Kg	✱	11/19/11 10:29	11/21/11 23:17	1
Benzo[b]fluoranthene	0.013	J	0.039	0.0077	mg/Kg	✱	11/19/11 10:29	11/21/11 23:17	1
Benzo[g,h,i]perylene	<0.013		0.039	0.013	mg/Kg	✱	11/19/11 10:29	11/21/11 23:17	1
Benzo[k]fluoranthene	<0.0095		0.039	0.0095	mg/Kg	✱	11/19/11 10:29	11/21/11 23:17	1
Chrysene	0.0099	J	0.039	0.0090	mg/Kg	✱	11/19/11 10:29	11/21/11 23:17	1
Dibenz(a,h)anthracene	<0.011		0.039	0.011	mg/Kg	✱	11/19/11 10:29	11/21/11 23:17	1
Fluoranthene	<0.016		0.039	0.016	mg/Kg	✱	11/19/11 10:29	11/21/11 23:17	1
Fluorene	<0.0090		0.039	0.0090	mg/Kg	✱	11/19/11 10:29	11/21/11 23:17	1
Indeno[1,2,3-cd]pyrene	<0.013		0.039	0.013	mg/Kg	✱	11/19/11 10:29	11/21/11 23:17	1
Naphthalene	<0.0077		0.039	0.0077	mg/Kg	✱	11/19/11 10:29	11/21/11 23:17	1
Phenanthrene	<0.017		0.039	0.017	mg/Kg	✱	11/19/11 10:29	11/21/11 23:17	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-30 4-6'

Lab Sample ID: WUK0363-12

Date Collected: 11/09/11 10:35

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 83.1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pyrene	<0.014		0.039	0.014	mg/Kg	☼	11/19/11 10:29	11/21/11 23:17	1
2-Methylnaphthalene	<0.052		0.20	0.052	mg/Kg	☼	11/19/11 10:29	11/21/11 23:17	1
1-Methylnaphthalene	<0.020		0.039	0.020	mg/Kg	☼	11/19/11 10:29	11/21/11 23:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	78		27 - 113				11/19/11 10:29	11/21/11 23:17	1
Nitrobenzene-d5	76		22 - 110				11/19/11 10:29	11/21/11 23:17	1
Terphenyl-d14	95		33 - 129				11/19/11 10:29	11/21/11 23:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0070		0.020	0.0070	mg/Kg	☼	11/18/11 18:58	11/20/11 16:26	1
PCB-1221	<0.016		0.020	0.016	mg/Kg	☼	11/18/11 18:58	11/20/11 16:26	1
PCB-1232	<0.0076		0.020	0.0076	mg/Kg	☼	11/18/11 18:58	11/20/11 16:26	1
PCB-1242	<0.0094		0.020	0.0094	mg/Kg	☼	11/18/11 18:58	11/20/11 16:26	1
PCB-1248	<0.0072		0.020	0.0072	mg/Kg	☼	11/18/11 18:58	11/20/11 16:26	1
PCB-1254	<0.0056		0.020	0.0056	mg/Kg	☼	11/18/11 18:58	11/20/11 16:26	1
PCB-1260	<0.0046		0.020	0.0046	mg/Kg	☼	11/18/11 18:58	11/20/11 16:26	1
Polychlorinated biphenyls, Total	<0.0031		0.020	0.0031	mg/Kg	☼	11/18/11 18:58	11/20/11 16:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	61		28 - 124				11/18/11 18:58	11/20/11 16:26	1
DCB Decachlorobiphenyl	81		38 - 130				11/18/11 18:58	11/20/11 16:26	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.0		1.1	0.16	mg/Kg	☼	11/18/11 10:40	11/19/11 06:28	1
Barium	62	B	1.1	0.062	mg/Kg	☼	11/18/11 10:40	11/19/11 06:28	1
Cadmium	0.36		0.22	0.030	mg/Kg	☼	11/18/11 10:40	11/19/11 06:28	1
Chromium	20	B	1.1	0.094	mg/Kg	☼	11/18/11 10:40	11/19/11 06:28	1
Lead	7.9		0.56	0.27	mg/Kg	☼	11/18/11 10:40	11/19/11 06:28	1
Selenium	<0.31		1.1	0.31	mg/Kg	☼	11/18/11 10:40	11/19/11 06:28	1
Silver	<0.070		0.56	0.070	mg/Kg	☼	11/18/11 10:40	11/19/11 06:28	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.027		0.017	0.0053	mg/Kg	☼	11/21/11 08:40	11/21/11 11:45	1

Client Sample ID: B-30 8-10'

Lab Sample ID: WUK0363-13

Date Collected: 11/09/11 10:45

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 83.1

Method: SW 8260B - VOCs by SW8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 16:36	1.0
Bromobenzene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 16:36	1.0
Bromochloromethane	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 16:36	1.0
Bromodichloromethane	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 16:36	1.0
Bromoform	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 16:36	1.0
Bromomethane	<120		300	120	ug/kg dry	☼	11/15/11 10:57	11/15/11 16:36	1.0
n-Butylbenzene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 16:36	1.0

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-30 8-10'

Lab Sample ID: WUK0363-13

Date Collected: 11/09/11 10:45

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 83.1

Method: SW 8260B - VOCs by SW8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 16:36	1.0
tert-Butylbenzene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 16:36	1.0
Carbon Tetrachloride	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 16:36	1.0
Chlorobenzene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 16:36	1.0
Chlorodibromomethane	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 16:36	1.0
Chloroethane	<60		120	60	ug/kg dry	☼	11/15/11 10:57	11/15/11 16:36	1.0
Chloroform	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 16:36	1.0
Chloromethane	<60		120	60	ug/kg dry	☼	11/15/11 10:57	11/15/11 16:36	1.0
2-Chlorotoluene	<60		120	60	ug/kg dry	☼	11/15/11 10:57	11/15/11 16:36	1.0
4-Chlorotoluene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 16:36	1.0
1,2-Dibromo-3-chloropropane	<60		120	60	ug/kg dry	☼	11/15/11 10:57	11/15/11 16:36	1.0
1,2-Dibromoethane (EDB)	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 16:36	1.0
Dibromomethane	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 16:36	1.0
1,2-Dichlorobenzene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 16:36	1.0
1,3-Dichlorobenzene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 16:36	1.0
1,4-Dichlorobenzene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 16:36	1.0
Dichlorodifluoromethane	<60		120	60	ug/kg dry	☼	11/15/11 10:57	11/15/11 16:36	1.0
1,1-Dichloroethane	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 16:36	1.0
1,2-Dichloroethane	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 16:36	1.0
1,1-Dichloroethene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 16:36	1.0
cis-1,2-Dichloroethene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 16:36	1.0
trans-1,2-Dichloroethene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 16:36	1.0
1,2-Dichloropropane	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 16:36	1.0
1,3-Dichloropropane	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 16:36	1.0
2,2-Dichloropropane	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 16:36	1.0
1,1-Dichloropropene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 16:36	1.0
cis-1,3-Dichloropropene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 16:36	1.0
trans-1,3-Dichloropropene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 16:36	1.0
Isopropyl Ether	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 16:36	1.0
Ethylbenzene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 16:36	1.0
Hexachlorobutadiene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 16:36	1.0
Isopropylbenzene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 16:36	1.0
p-Isopropyltoluene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 16:36	1.0
Methylene Chloride	<60		120	60	ug/kg dry	☼	11/15/11 10:57	11/15/11 16:36	1.0
Methyl tert-Butyl Ether	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 16:36	1.0
Naphthalene	<60		120	60	ug/kg dry	☼	11/15/11 10:57	11/15/11 16:36	1.0
n-Propylbenzene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 16:36	1.0
Styrene	<60		120	60	ug/kg dry	☼	11/15/11 10:57	11/15/11 16:36	1.0
1,1,1,2-Tetrachloroethane	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 16:36	1.0
1,1,1,2,2-Tetrachloroethane	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 16:36	1.0
Tetrachloroethene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 16:36	1.0
Toluene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 16:36	1.0
1,2,3-Trichlorobenzene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 16:36	1.0
1,2,4-Trichlorobenzene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 16:36	1.0
1,1,1-Trichloroethane	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 16:36	1.0
1,1,2-Trichloroethane	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 16:36	1.0
Trichloroethene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 16:36	1.0
Trichlorofluoromethane	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 16:36	1.0
1,2,3-Trichloropropane	<60		120	60	ug/kg dry	☼	11/15/11 10:57	11/15/11 16:36	1.0
1,2,4-Trimethylbenzene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 16:36	1.0

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-30 8-10'

Lab Sample ID: WUK0363-13

Date Collected: 11/09/11 10:45

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 83.1

Method: SW 8260B - VOCs by SW8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 16:36	1.0
Vinyl chloride	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 16:36	1.0
Xylenes, total	<90		360	90	ug/kg dry	☼	11/15/11 10:57	11/15/11 16:36	1.0
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Dibromofluoromethane	100		80 - 120				11/15/11 10:57	11/15/11 16:36	1.0
Toluene-d8	98		80 - 120				11/15/11 10:57	11/15/11 16:36	1.0
4-Bromofluorobenzene	99		80 - 120				11/15/11 10:57	11/15/11 16:36	1.0

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.039		0.039	0.012	mg/Kg	☼	11/19/11 10:29	11/22/11 14:00	1
Acenaphthylene	<0.0091		0.039	0.0091	mg/Kg	☼	11/19/11 10:29	11/22/11 14:00	1
Anthracene	0.014	J	0.039	0.0093	mg/Kg	☼	11/19/11 10:29	11/22/11 14:00	1
Benzo[a]anthracene	0.038	J	0.039	0.0083	mg/Kg	☼	11/19/11 10:29	11/22/11 14:00	1
Benzo[a]pyrene	0.046		0.039	0.0072	mg/Kg	☼	11/19/11 10:29	11/22/11 14:00	1
Benzo[b]fluoranthene	0.046		0.039	0.0077	mg/Kg	☼	11/19/11 10:29	11/22/11 14:00	1
Benzo[g,h,i]perylene	0.037	J	0.039	0.013	mg/Kg	☼	11/19/11 10:29	11/22/11 14:00	1
Benzo[k]fluoranthene	0.038	J	0.039	0.0094	mg/Kg	☼	11/19/11 10:29	11/22/11 14:00	1
Chrysene	0.041		0.039	0.0089	mg/Kg	☼	11/19/11 10:29	11/22/11 14:00	1
Dibenz(a,h)anthracene	0.016	J	0.039	0.011	mg/Kg	☼	11/19/11 10:29	11/22/11 14:00	1
Fluoranthene	0.048		0.039	0.016	mg/Kg	☼	11/19/11 10:29	11/22/11 14:00	1
Fluorene	0.034	J	0.039	0.0090	mg/Kg	☼	11/19/11 10:29	11/22/11 14:00	1
Indeno[1,2,3-cd]pyrene	0.032	J	0.039	0.013	mg/Kg	☼	11/19/11 10:29	11/22/11 14:00	1
Naphthalene	0.064		0.039	0.0076	mg/Kg	☼	11/19/11 10:29	11/22/11 14:00	1
Phenanthrene	0.022	J	0.039	0.017	mg/Kg	☼	11/19/11 10:29	11/22/11 14:00	1
Pyrene	0.042		0.039	0.014	mg/Kg	☼	11/19/11 10:29	11/22/11 14:00	1
2-Methylnaphthalene	<0.051		0.20	0.051	mg/Kg	☼	11/19/11 10:29	11/22/11 14:00	1
1-Methylnaphthalene	<0.020		0.039	0.020	mg/Kg	☼	11/19/11 10:29	11/22/11 14:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	74		27 - 113				11/19/11 10:29	11/22/11 14:00	1
Nitrobenzene-d5	74		22 - 110				11/19/11 10:29	11/22/11 14:00	1
Terphenyl-d14	86		33 - 129				11/19/11 10:29	11/22/11 14:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0070		0.019	0.0070	mg/Kg	☼	11/18/11 18:58	11/20/11 16:39	1
PCB-1221	<0.016		0.019	0.016	mg/Kg	☼	11/18/11 18:58	11/20/11 16:39	1
PCB-1232	<0.0075		0.019	0.0075	mg/Kg	☼	11/18/11 18:58	11/20/11 16:39	1
PCB-1242	<0.0093		0.019	0.0093	mg/Kg	☼	11/18/11 18:58	11/20/11 16:39	1
PCB-1248	<0.0071		0.019	0.0071	mg/Kg	☼	11/18/11 18:58	11/20/11 16:39	1
PCB-1254	<0.0056		0.019	0.0056	mg/Kg	☼	11/18/11 18:58	11/20/11 16:39	1
PCB-1260	<0.0045		0.019	0.0045	mg/Kg	☼	11/18/11 18:58	11/20/11 16:39	1
Polychlorinated biphenyls, Total	<0.0030		0.019	0.0030	mg/Kg	☼	11/18/11 18:58	11/20/11 16:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	67		28 - 124				11/18/11 18:58	11/20/11 16:39	1
DCB Decachlorobiphenyl	83		38 - 130				11/18/11 18:58	11/20/11 16:39	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-30 8-10'

Lab Sample ID: WUK0363-13

Date Collected: 11/09/11 10:45

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 83.1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.6		1.1	0.15	mg/Kg	☼	11/18/11 10:40	11/19/11 06:34	1
Barium	69	B	1.1	0.060	mg/Kg	☼	11/18/11 10:40	11/19/11 06:34	1
Cadmium	0.29		0.21	0.029	mg/Kg	☼	11/18/11 10:40	11/19/11 06:34	1
Chromium	28	B	1.1	0.091	mg/Kg	☼	11/18/11 10:40	11/19/11 06:34	1
Lead	14		0.54	0.26	mg/Kg	☼	11/18/11 10:40	11/19/11 06:34	1
Selenium	0.55	J	1.1	0.30	mg/Kg	☼	11/18/11 10:40	11/19/11 06:34	1
Silver	<0.068		0.54	0.068	mg/Kg	☼	11/18/11 10:40	11/19/11 06:34	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.037		0.018	0.0055	mg/Kg	☼	11/21/11 08:40	11/21/11 11:50	1

Client Sample ID: B-31 0-2'

Lab Sample ID: WUK0363-14

Date Collected: 11/09/11 10:50

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 86

Method: SW 8260B - VOCs by SW8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:03	1.0
Bromobenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:03	1.0
Bromochloromethane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:03	1.0
Bromodichloromethane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:03	1.0
Bromoform	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:03	1.0
Bromomethane	<120		290	120	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:03	1.0
n-Butylbenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:03	1.0
sec-Butylbenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:03	1.0
tert-Butylbenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:03	1.0
Carbon Tetrachloride	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:03	1.0
Chlorobenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:03	1.0
Chlorodibromomethane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:03	1.0
Chloroethane	<58		120	58	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:03	1.0
Chloroform	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:03	1.0
Chloromethane	<58		120	58	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:03	1.0
2-Chlorotoluene	<58		120	58	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:03	1.0
4-Chlorotoluene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:03	1.0
1,2-Dibromo-3-chloropropane	<58		120	58	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:03	1.0
1,2-Dibromoethane (EDB)	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:03	1.0
Dibromomethane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:03	1.0
1,2-Dichlorobenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:03	1.0
1,3-Dichlorobenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:03	1.0
1,4-Dichlorobenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:03	1.0
Dichlorodifluoromethane	<58		120	58	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:03	1.0
1,1-Dichloroethane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:03	1.0
1,2-Dichloroethane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:03	1.0
1,1-Dichloroethene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:03	1.0
cis-1,2-Dichloroethene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:03	1.0
trans-1,2-Dichloroethene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:03	1.0
1,2-Dichloropropane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:03	1.0
1,3-Dichloropropane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:03	1.0
2,2-Dichloropropane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:03	1.0

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-31 0-2'

Lab Sample ID: WUK0363-14

Date Collected: 11/09/11 10:50

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 86

Method: SW 8260B - VOCs by SW8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloropropene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:03	1.0
cis-1,3-Dichloropropene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:03	1.0
trans-1,3-Dichloropropene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:03	1.0
Isopropyl Ether	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:03	1.0
Ethylbenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:03	1.0
Hexachlorobutadiene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:03	1.0
Isopropylbenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:03	1.0
p-Isopropyltoluene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:03	1.0
Methylene Chloride	<58		120	58	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:03	1.0
Methyl tert-Butyl Ether	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:03	1.0
Naphthalene	<58		120	58	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:03	1.0
n-Propylbenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:03	1.0
Styrene	<58		120	58	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:03	1.0
1,1,1,2-Tetrachloroethane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:03	1.0
1,1,2,2-Tetrachloroethane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:03	1.0
Tetrachloroethene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:03	1.0
Toluene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:03	1.0
1,2,3-Trichlorobenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:03	1.0
1,2,4-Trichlorobenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:03	1.0
1,1,1-Trichloroethane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:03	1.0
1,1,2-Trichloroethane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:03	1.0
Trichloroethene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:03	1.0
Trichlorofluoromethane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:03	1.0
1,2,3-Trichloropropane	<58		120	58	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:03	1.0
1,2,4-Trimethylbenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:03	1.0
1,3,5-Trimethylbenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:03	1.0
Vinyl chloride	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:03	1.0
Xylenes, total	<87		350	87	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:03	1.0

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane	97		80 - 120	11/15/11 10:57	11/15/11 17:03	1.0
Toluene-d8	99		80 - 120	11/15/11 10:57	11/15/11 17:03	1.0
4-Bromofluorobenzene	98		80 - 120	11/15/11 10:57	11/15/11 17:03	1.0

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.029	J	0.038	0.012	mg/Kg	☼	11/19/11 10:29	11/22/11 00:02	1
Acenaphthylene	0.16		0.038	0.0089	mg/Kg	☼	11/19/11 10:29	11/22/11 00:02	1
Anthracene	0.19		0.038	0.0091	mg/Kg	☼	11/19/11 10:29	11/22/11 00:02	1
Benzo[a]anthracene	0.68		0.038	0.0081	mg/Kg	☼	11/19/11 10:29	11/22/11 00:02	1
Benzo[a]pyrene	1.6		0.038	0.0070	mg/Kg	☼	11/19/11 10:29	11/22/11 00:02	1
Benzo[b]fluoranthene	2.0		0.038	0.0075	mg/Kg	☼	11/19/11 10:29	11/22/11 00:02	1
Benzo[g,h,i]perylene	1.4		0.038	0.013	mg/Kg	☼	11/19/11 10:29	11/22/11 00:02	1
Benzo[k]fluoranthene	1.3		0.038	0.0092	mg/Kg	☼	11/19/11 10:29	11/22/11 00:02	1
Chrysene	1.0		0.038	0.0087	mg/Kg	☼	11/19/11 10:29	11/22/11 00:02	1
Dibenz(a,h)anthracene	0.49		0.038	0.011	mg/Kg	☼	11/19/11 10:29	11/22/11 00:02	1
Fluoranthene	0.99		0.038	0.016	mg/Kg	☼	11/19/11 10:29	11/22/11 00:02	1
Fluorene	0.034	J	0.038	0.0088	mg/Kg	☼	11/19/11 10:29	11/22/11 00:02	1
Indeno[1,2,3-cd]pyrene	1.3		0.038	0.013	mg/Kg	☼	11/19/11 10:29	11/22/11 00:02	1
Naphthalene	<0.0074		0.038	0.0074	mg/Kg	☼	11/19/11 10:29	11/22/11 00:02	1
Phenanthrene	0.26		0.038	0.016	mg/Kg	☼	11/19/11 10:29	11/22/11 00:02	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-31 0-2'

Lab Sample ID: WUK0363-14

Date Collected: 11/09/11 10:50

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 86.0

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pyrene	1.0		0.038	0.014	mg/Kg	☼	11/19/11 10:29	11/22/11 00:02	1
2-Methylnaphthalene	<0.050		0.19	0.050	mg/Kg	☼	11/19/11 10:29	11/22/11 00:02	1
1-Methylnaphthalene	<0.019		0.038	0.019	mg/Kg	☼	11/19/11 10:29	11/22/11 00:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	82		27 - 113				11/19/11 10:29	11/22/11 00:02	1
Nitrobenzene-d5	68		22 - 110				11/19/11 10:29	11/22/11 00:02	1
Terphenyl-d14	87		33 - 129				11/19/11 10:29	11/22/11 00:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.14		0.38	0.14	mg/Kg	☼	11/18/11 18:58	11/21/11 17:58	20
PCB-1221	<0.31		0.38	0.31	mg/Kg	☼	11/18/11 18:58	11/21/11 17:58	20
PCB-1232	<0.15		0.38	0.15	mg/Kg	☼	11/18/11 18:58	11/21/11 17:58	20
PCB-1242	<0.18		0.38	0.18	mg/Kg	☼	11/18/11 18:58	11/21/11 17:58	20
PCB-1248	4.3		0.38	0.14	mg/Kg	☼	11/18/11 18:58	11/21/11 17:58	20
PCB-1254	4.7		0.38	0.11	mg/Kg	☼	11/18/11 18:58	11/21/11 17:58	20
PCB-1260	<0.090		0.38	0.090	mg/Kg	☼	11/18/11 18:58	11/21/11 17:58	20
Polychlorinated biphenyls, Total	9.0		0.38	0.060	mg/Kg	☼	11/18/11 18:58	11/21/11 17:58	20
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	0	D	28 - 124				11/18/11 18:58	11/21/11 17:58	20
DCB Decachlorobiphenyl	0	D	38 - 130				11/18/11 18:58	11/21/11 17:58	20

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.7		1.2	0.16	mg/Kg	☼	11/18/11 10:40	11/19/11 06:41	1
Barium	50	B	1.2	0.064	mg/Kg	☼	11/18/11 10:40	11/19/11 06:41	1
Cadmium	0.40		0.23	0.031	mg/Kg	☼	11/18/11 10:40	11/19/11 06:41	1
Chromium	17	B	1.2	0.098	mg/Kg	☼	11/18/11 10:40	11/19/11 06:41	1
Lead	12		0.58	0.28	mg/Kg	☼	11/18/11 10:40	11/19/11 06:41	1
Selenium	<0.32		1.2	0.32	mg/Kg	☼	11/18/11 10:40	11/19/11 06:41	1
Silver	<0.073		0.58	0.073	mg/Kg	☼	11/18/11 10:40	11/19/11 06:41	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.031		0.017	0.0052	mg/Kg	☼	11/21/11 08:40	11/21/11 11:51	1

Client Sample ID: B-31 4-6'

Lab Sample ID: WUK0363-15

Date Collected: 11/09/11 11:00

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 82.4

Method: SW 8260B - VOCs by SW8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	38	J	120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:31	1.0
Bromobenzene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:31	1.0
Bromochloromethane	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:31	1.0
Bromodichloromethane	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:31	1.0
Bromoform	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:31	1.0
Bromomethane	<120		300	120	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:31	1.0
n-Butylbenzene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:31	1.0

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-31 4-6'

Lab Sample ID: WUK0363-15

Date Collected: 11/09/11 11:00

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 82.4

Method: SW 8260B - VOCs by SW8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:31	1.0
tert-Butylbenzene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:31	1.0
Carbon Tetrachloride	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:31	1.0
Chlorobenzene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:31	1.0
Chlorodibromomethane	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:31	1.0
Chloroethane	<61		120	61	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:31	1.0
Chloroform	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:31	1.0
Chloromethane	<61		120	61	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:31	1.0
2-Chlorotoluene	<61		120	61	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:31	1.0
4-Chlorotoluene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:31	1.0
1,2-Dibromo-3-chloropropane	<61		120	61	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:31	1.0
1,2-Dibromoethane (EDB)	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:31	1.0
Dibromomethane	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:31	1.0
1,2-Dichlorobenzene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:31	1.0
1,3-Dichlorobenzene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:31	1.0
1,4-Dichlorobenzene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:31	1.0
Dichlorodifluoromethane	<61		120	61	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:31	1.0
1,1-Dichloroethane	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:31	1.0
1,2-Dichloroethane	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:31	1.0
1,1-Dichloroethene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:31	1.0
cis-1,2-Dichloroethene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:31	1.0
trans-1,2-Dichloroethene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:31	1.0
1,2-Dichloropropane	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:31	1.0
1,3-Dichloropropane	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:31	1.0
2,2-Dichloropropane	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:31	1.0
1,1-Dichloropropene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:31	1.0
cis-1,3-Dichloropropene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:31	1.0
trans-1,3-Dichloropropene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:31	1.0
Isopropyl Ether	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:31	1.0
Ethylbenzene	64	J	120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:31	1.0
Hexachlorobutadiene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:31	1.0
Isopropylbenzene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:31	1.0
p-Isopropyltoluene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:31	1.0
Methylene Chloride	<61		120	61	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:31	1.0
Methyl tert-Butyl Ether	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:31	1.0
n-Propylbenzene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:31	1.0
Styrene	<61		120	61	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:31	1.0
1,1,1,2-Tetrachloroethane	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:31	1.0
1,1,1,2,2-Tetrachloroethane	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:31	1.0
Tetrachloroethene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:31	1.0
Toluene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:31	1.0
1,2,3-Trichlorobenzene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:31	1.0
1,2,4-Trichlorobenzene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:31	1.0
1,1,1-Trichloroethane	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:31	1.0
1,1,2-Trichloroethane	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:31	1.0
Trichloroethene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:31	1.0
Trichlorofluoromethane	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:31	1.0
1,2,3-Trichloropropane	<61		120	61	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:31	1.0
1,2,4-Trimethylbenzene	110	J	120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:31	1.0
1,3,5-Trimethylbenzene	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:31	1.0

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-31 4-6'

Lab Sample ID: WUK0363-15

Date Collected: 11/09/11 11:00

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 82.4

Method: SW 8260B - VOCs by SW8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	<30		120	30	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:31	1.0
Xylenes, total	<91		360	91	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:31	1.0
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Dibromofluoromethane	97		80 - 120				11/15/11 10:57	11/15/11 17:31	1.0
Toluene-d8	99		80 - 120				11/15/11 10:57	11/15/11 17:31	1.0
4-Bromofluorobenzene	98		80 - 120				11/15/11 10:57	11/15/11 17:31	1.0

Method: SW 8260B - VOCs by SW8260B - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	2000		1200	610	ug/kg dry	☼	11/16/11 12:47	11/16/11 20:34	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Dibromofluoromethane	97		80 - 120				11/16/11 12:47	11/16/11 20:34	10
Toluene-d8	99		80 - 120				11/16/11 12:47	11/16/11 20:34	10
4-Bromofluorobenzene	100		80 - 120				11/16/11 12:47	11/16/11 20:34	10

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	2.2		0.038	0.012	mg/Kg	☼	11/19/11 10:29	11/22/11 02:38	1
Acenaphthylene	2.3		0.038	0.0089	mg/Kg	☼	11/19/11 10:29	11/22/11 02:38	1
Dibenz(a,h)anthracene	1.6		0.038	0.011	mg/Kg	☼	11/19/11 10:29	11/22/11 02:38	1
2-Methylnaphthalene	1.9		0.19	0.050	mg/Kg	☼	11/19/11 10:29	11/22/11 02:38	1
1-Methylnaphthalene	2.2		0.038	0.019	mg/Kg	☼	11/19/11 10:29	11/22/11 02:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	62		27 - 113				11/19/11 10:29	11/22/11 02:38	1
Nitrobenzene-d5	67		22 - 110				11/19/11 10:29	11/22/11 02:38	1
Terphenyl-d14	124		33 - 129				11/19/11 10:29	11/22/11 02:38	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	90		1.9	0.45	mg/Kg	☼	11/19/11 10:29	11/22/11 18:29	50
Benzo[a]anthracene	24		1.9	0.40	mg/Kg	☼	11/19/11 10:29	11/22/11 18:29	50
Benzo[a]pyrene	22		1.9	0.35	mg/Kg	☼	11/19/11 10:29	11/22/11 18:29	50
Benzo[b]fluoranthene	19		1.9	0.37	mg/Kg	☼	11/19/11 10:29	11/22/11 18:29	50
Benzo[g,h,i]perylene	11		1.9	0.65	mg/Kg	☼	11/19/11 10:29	11/22/11 18:29	50
Benzo[k]fluoranthene	15		1.9	0.46	mg/Kg	☼	11/19/11 10:29	11/22/11 18:29	50
Chrysene	25		1.9	0.44	mg/Kg	☼	11/19/11 10:29	11/22/11 18:29	50
Fluoranthene	68		1.9	0.79	mg/Kg	☼	11/19/11 10:29	11/22/11 18:29	50
Fluorene	19		1.9	0.44	mg/Kg	☼	11/19/11 10:29	11/22/11 18:29	50
Indeno[1,2,3-cd]pyrene	11		1.9	0.65	mg/Kg	☼	11/19/11 10:29	11/22/11 18:29	50
Naphthalene	21		1.9	0.37	mg/Kg	☼	11/19/11 10:29	11/22/11 18:29	50
Phenanthrene	82		1.9	0.81	mg/Kg	☼	11/19/11 10:29	11/22/11 18:29	50
Pyrene	45		1.9	0.70	mg/Kg	☼	11/19/11 10:29	11/22/11 18:29	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0071		0.020	0.0071	mg/Kg	☼	11/18/11 18:58	11/20/11 17:07	1
PCB-1221	<0.016		0.020	0.016	mg/Kg	☼	11/18/11 18:58	11/20/11 17:07	1
PCB-1232	<0.0077		0.020	0.0077	mg/Kg	☼	11/18/11 18:58	11/20/11 17:07	1
PCB-1242	<0.0095		0.020	0.0095	mg/Kg	☼	11/18/11 18:58	11/20/11 17:07	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-31 4-6'

Lab Sample ID: WUK0363-15

Date Collected: 11/09/11 11:00

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 82.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	<0.0073		0.020	0.0073	mg/Kg	☼	11/18/11 18:58	11/20/11 17:07	1
PCB-1254	<0.0057		0.020	0.0057	mg/Kg	☼	11/18/11 18:58	11/20/11 17:07	1
PCB-1260	<0.0046		0.020	0.0046	mg/Kg	☼	11/18/11 18:58	11/20/11 17:07	1
Polychlorinated biphenyls, Total	<0.0031		0.020	0.0031	mg/Kg	☼	11/18/11 18:58	11/20/11 17:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	60		28 - 124				11/18/11 18:58	11/20/11 17:07	1
DCB Decachlorobiphenyl	103		38 - 130				11/18/11 18:58	11/20/11 17:07	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.0		1.1	0.15	mg/Kg	☼	11/18/11 15:00	11/19/11 12:04	1
Barium	62		1.1	0.061	mg/Kg	☼	11/18/11 15:00	11/19/11 12:04	1
Cadmium	0.35		0.22	0.029	mg/Kg	☼	11/18/11 15:00	11/19/11 12:04	1
Chromium	21		1.1	0.092	mg/Kg	☼	11/18/11 15:00	11/19/11 12:04	1
Lead	9.5		0.54	0.26	mg/Kg	☼	11/18/11 15:00	11/19/11 12:04	1
Selenium	<0.30		1.1	0.30	mg/Kg	☼	11/18/11 15:00	11/19/11 12:04	1
Silver	<0.068		0.54	0.068	mg/Kg	☼	11/18/11 15:00	11/19/11 12:04	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.068		0.020	0.0061	mg/Kg	☼	11/21/11 08:40	11/21/11 11:53	1

Client Sample ID: B-31 8-10'

Lab Sample ID: WUK0363-16

Date Collected: 11/09/11 11:10

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 85.8

Method: SW 8260B - VOCs by SW8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:58	1.0
Bromobenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:58	1.0
Bromochloromethane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:58	1.0
Bromodichloromethane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:58	1.0
Bromoform	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:58	1.0
Bromomethane	<120		290	120	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:58	1.0
n-Butylbenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:58	1.0
sec-Butylbenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:58	1.0
tert-Butylbenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:58	1.0
Carbon Tetrachloride	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:58	1.0
Chlorobenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:58	1.0
Chlorodibromomethane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:58	1.0
Chloroethane	<58		120	58	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:58	1.0
Chloroform	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:58	1.0
Chloromethane	<58		120	58	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:58	1.0
2-Chlorotoluene	<58		120	58	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:58	1.0
4-Chlorotoluene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:58	1.0
1,2-Dibromo-3-chloropropane	<58		120	58	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:58	1.0
1,2-Dibromoethane (EDB)	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:58	1.0
Dibromomethane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:58	1.0
1,2-Dichlorobenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:58	1.0

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-31 8-10'

Lab Sample ID: WUK0363-16

Date Collected: 11/09/11 11:10

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 85.8

Method: SW 8260B - VOCs by SW8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:58	1.0
1,4-Dichlorobenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:58	1.0
Dichlorodifluoromethane	<58		120	58	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:58	1.0
1,1-Dichloroethane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:58	1.0
1,2-Dichloroethane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:58	1.0
1,1-Dichloroethene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:58	1.0
cis-1,2-Dichloroethene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:58	1.0
trans-1,2-Dichloroethene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:58	1.0
1,2-Dichloropropane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:58	1.0
1,3-Dichloropropane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:58	1.0
2,2-Dichloropropane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:58	1.0
1,1-Dichloropropene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:58	1.0
cis-1,3-Dichloropropene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:58	1.0
trans-1,3-Dichloropropene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:58	1.0
Isopropyl Ether	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:58	1.0
Ethylbenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:58	1.0
Hexachlorobutadiene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:58	1.0
Isopropylbenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:58	1.0
p-Isopropyltoluene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:58	1.0
Methylene Chloride	<58		120	58	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:58	1.0
Methyl tert-Butyl Ether	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:58	1.0
n-Propylbenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:58	1.0
Styrene	<58		120	58	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:58	1.0
1,1,1,2-Tetrachloroethane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:58	1.0
1,1,2,2-Tetrachloroethane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:58	1.0
Tetrachloroethene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:58	1.0
Toluene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:58	1.0
1,2,3-Trichlorobenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:58	1.0
1,2,4-Trichlorobenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:58	1.0
1,1,1-Trichloroethane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:58	1.0
1,1,2-Trichloroethane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:58	1.0
Trichloroethene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:58	1.0
Trichlorofluoromethane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:58	1.0
1,2,3-Trichloropropane	<58		120	58	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:58	1.0
1,2,4-Trimethylbenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:58	1.0
1,3,5-Trimethylbenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:58	1.0
Vinyl chloride	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:58	1.0
Xylenes, total	<87		350	87	ug/kg dry	☼	11/15/11 10:57	11/15/11 17:58	1.0

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane	99		80 - 120	11/15/11 10:57	11/15/11 17:58	1.0
Toluene-d8	99		80 - 120	11/15/11 10:57	11/15/11 17:58	1.0
4-Bromofluorobenzene	99		80 - 120	11/15/11 10:57	11/15/11 17:58	1.0

Method: SW 8260B - VOCs by SW8260B - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	380		120	58	ug/kg dry	☼	11/16/11 12:47	11/16/11 13:18	1.0

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane	100		80 - 120	11/16/11 12:47	11/16/11 13:18	1.0
Toluene-d8	98		80 - 120	11/16/11 12:47	11/16/11 13:18	1.0

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-31 8-10'

Lab Sample ID: WUK0363-16

Date Collected: 11/09/11 11:10

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 85.8

Method: SW 8260B - VOCs by SW8260B - RE1 (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	98		80 - 120	11/16/11 12:47	11/16/11 13:18	1.0

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	5.4		1.9	0.57	mg/Kg	☼	11/19/11 10:29	11/22/11 17:45	50
Acenaphthylene	<0.44		1.9	0.44	mg/Kg	☼	11/19/11 10:29	11/22/11 17:45	50
Anthracene	13		1.9	0.45	mg/Kg	☼	11/19/11 10:29	11/22/11 17:45	50
Benzo[a]anthracene	67		1.9	0.40	mg/Kg	☼	11/19/11 10:29	11/22/11 17:45	50
Benzo[a]pyrene	72		1.9	0.35	mg/Kg	☼	11/19/11 10:29	11/22/11 17:45	50
Benzo[b]fluoranthene	79		1.9	0.37	mg/Kg	☼	11/19/11 10:29	11/22/11 17:45	50
Benzo[g,h,i]perylene	45		1.9	0.65	mg/Kg	☼	11/19/11 10:29	11/22/11 17:45	50
Benzo[k]fluoranthene	42		1.9	0.46	mg/Kg	☼	11/19/11 10:29	11/22/11 17:45	50
Chrysene	72		1.9	0.43	mg/Kg	☼	11/19/11 10:29	11/22/11 17:45	50
Dibenz(a,h)anthracene	8.9		1.9	0.54	mg/Kg	☼	11/19/11 10:29	11/22/11 17:45	50
Fluoranthene	110		1.9	0.79	mg/Kg	☼	11/19/11 10:29	11/22/11 17:45	50
Fluorene	5.3		1.9	0.44	mg/Kg	☼	11/19/11 10:29	11/22/11 17:45	50
Indeno[1,2,3-cd]pyrene	41		1.9	0.65	mg/Kg	☼	11/19/11 10:29	11/22/11 17:45	50
Naphthalene	3.5		1.9	0.37	mg/Kg	☼	11/19/11 10:29	11/22/11 17:45	50
Phenanthrene	49		1.9	0.80	mg/Kg	☼	11/19/11 10:29	11/22/11 17:45	50
Pyrene	98		1.9	0.69	mg/Kg	☼	11/19/11 10:29	11/22/11 17:45	50
2-Methylnaphthalene	<2.5		9.6	2.5	mg/Kg	☼	11/19/11 10:29	11/22/11 17:45	50
1-Methylnaphthalene	<0.95		1.9	0.95	mg/Kg	☼	11/19/11 10:29	11/22/11 17:45	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	0	D	27 - 113	11/19/11 10:29	11/22/11 17:45	50
Nitrobenzene-d5	0	D	22 - 110	11/19/11 10:29	11/22/11 17:45	50
Terphenyl-d14	0	D	33 - 129	11/19/11 10:29	11/22/11 17:45	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0069		0.019	0.0069	mg/Kg	☼	11/18/11 18:58	11/21/11 18:13	1
PCB-1221	<0.016		0.019	0.016	mg/Kg	☼	11/18/11 18:58	11/21/11 18:13	1
PCB-1232	<0.0075		0.019	0.0075	mg/Kg	☼	11/18/11 18:58	11/21/11 18:13	1
PCB-1242	<0.0092		0.019	0.0092	mg/Kg	☼	11/18/11 18:58	11/21/11 18:13	1
PCB-1248	<0.0070		0.019	0.0070	mg/Kg	☼	11/18/11 18:58	11/21/11 18:13	1
PCB-1254	<0.0055		0.019	0.0055	mg/Kg	☼	11/18/11 18:58	11/21/11 18:13	1
PCB-1260	<0.0045		0.019	0.0045	mg/Kg	☼	11/18/11 18:58	11/21/11 18:13	1
Polychlorinated biphenyls, Total	<0.0030		0.019	0.0030	mg/Kg	☼	11/18/11 18:58	11/21/11 18:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	90		28 - 124	11/18/11 18:58	11/21/11 18:13	1
DCB Decachlorobiphenyl	123		38 - 130	11/18/11 18:58	11/21/11 18:13	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.4		1.1	0.16	mg/Kg	☼	11/18/11 15:00	11/19/11 12:10	1
Barium	56		1.1	0.064	mg/Kg	☼	11/18/11 15:00	11/19/11 12:10	1
Cadmium	0.43		0.23	0.031	mg/Kg	☼	11/18/11 15:00	11/19/11 12:10	1
Chromium	17		1.1	0.097	mg/Kg	☼	11/18/11 15:00	11/19/11 12:10	1
Lead	9.1		0.57	0.27	mg/Kg	☼	11/18/11 15:00	11/19/11 12:10	1
Selenium	<0.32		1.1	0.32	mg/Kg	☼	11/18/11 15:00	11/19/11 12:10	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-31 8-10'

Date Collected: 11/09/11 11:10

Date Received: 11/10/11 16:02

Lab Sample ID: WUK0363-16

Matrix: Solid/Soil

Percent Solids: 85.8

Method: 6010B - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.072		0.57	0.072	mg/Kg	☼	11/18/11 15:00	11/19/11 12:10	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.024		0.019	0.0058	mg/Kg	☼	11/21/11 08:40	11/21/11 11:55	1

Client Sample ID: B-32 0-2'

Date Collected: 11/09/11 12:10

Date Received: 11/10/11 16:02

Lab Sample ID: WUK0363-17

Matrix: Solid/Soil

Percent Solids: 86.2

Method: SW 8260B - VOCs by SW8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:25	1.0
Bromobenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:25	1.0
Bromochloromethane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:25	1.0
Bromodichloromethane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:25	1.0
Bromoform	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:25	1.0
Bromomethane	<120		290	120	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:25	1.0
n-Butylbenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:25	1.0
sec-Butylbenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:25	1.0
tert-Butylbenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:25	1.0
Carbon Tetrachloride	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:25	1.0
Chlorobenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:25	1.0
Chlorodibromomethane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:25	1.0
Chloroethane	<58		120	58	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:25	1.0
Chloroform	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:25	1.0
Chloromethane	<58		120	58	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:25	1.0
2-Chlorotoluene	<58		120	58	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:25	1.0
4-Chlorotoluene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:25	1.0
1,2-Dibromo-3-chloropropane	<58		120	58	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:25	1.0
1,2-Dibromoethane (EDB)	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:25	1.0
Dibromomethane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:25	1.0
1,2-Dichlorobenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:25	1.0
1,3-Dichlorobenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:25	1.0
1,4-Dichlorobenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:25	1.0
Dichlorodifluoromethane	<58		120	58	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:25	1.0
1,1-Dichloroethane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:25	1.0
1,2-Dichloroethane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:25	1.0
1,1-Dichloroethene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:25	1.0
cis-1,2-Dichloroethene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:25	1.0
trans-1,2-Dichloroethene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:25	1.0
1,2-Dichloropropane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:25	1.0
1,3-Dichloropropane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:25	1.0
2,2-Dichloropropane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:25	1.0
1,1-Dichloropropene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:25	1.0
cis-1,3-Dichloropropene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:25	1.0
trans-1,3-Dichloropropene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:25	1.0
Isopropyl Ether	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:25	1.0
Ethylbenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:25	1.0
Hexachlorobutadiene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:25	1.0

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-32 0-2'

Lab Sample ID: WUK0363-17

Date Collected: 11/09/11 12:10

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 86.2

Method: SW 8260B - VOCs by SW8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:25	1.0
p-Isopropyltoluene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:25	1.0
Methylene Chloride	<58		120	58	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:25	1.0
Methyl tert-Butyl Ether	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:25	1.0
n-Propylbenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:25	1.0
Styrene	<58		120	58	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:25	1.0
1,1,1,2-Tetrachloroethane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:25	1.0
1,1,2,2-Tetrachloroethane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:25	1.0
Tetrachloroethene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:25	1.0
Toluene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:25	1.0
1,2,3-Trichlorobenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:25	1.0
1,2,4-Trichlorobenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:25	1.0
1,1,1-Trichloroethane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:25	1.0
1,1,2-Trichloroethane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:25	1.0
Trichloroethene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:25	1.0
Trichlorofluoromethane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:25	1.0
1,2,3-Trichloropropane	<58		120	58	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:25	1.0
1,2,4-Trimethylbenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:25	1.0
1,3,5-Trimethylbenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:25	1.0
Vinyl chloride	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:25	1.0
Xylenes, total	<87		350	87	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:25	1.0

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane	98		80 - 120	11/15/11 10:57	11/15/11 18:25	1.0
Toluene-d8	99		80 - 120	11/15/11 10:57	11/15/11 18:25	1.0
4-Bromofluorobenzene	99		80 - 120	11/15/11 10:57	11/15/11 18:25	1.0

Method: SW 8260B - VOCs by SW8260B - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	200		120	58	ug/kg dry	☼	11/16/11 12:47	11/16/11 14:12	1.0

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane	97		80 - 120	11/16/11 12:47	11/16/11 14:12	1.0
Toluene-d8	100		80 - 120	11/16/11 12:47	11/16/11 14:12	1.0
4-Bromofluorobenzene	98		80 - 120	11/16/11 12:47	11/16/11 14:12	1.0

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.079		0.038	0.011	mg/Kg	☼	11/19/11 10:29	11/22/11 14:22	1
Acenaphthylene	0.16		0.038	0.0088	mg/Kg	☼	11/19/11 10:29	11/22/11 14:22	1
Anthracene	0.44		0.038	0.0090	mg/Kg	☼	11/19/11 10:29	11/22/11 14:22	1
Benzo[a]anthracene	2.1		0.038	0.0080	mg/Kg	☼	11/19/11 10:29	11/22/11 14:22	1
Benzo[a]pyrene	2.2		0.038	0.0070	mg/Kg	☼	11/19/11 10:29	11/22/11 14:22	1
Benzo[b]fluoranthene	2.3		0.038	0.0075	mg/Kg	☼	11/19/11 10:29	11/22/11 14:22	1
Benzo[g,h,i]perylene	1.6		0.038	0.013	mg/Kg	☼	11/19/11 10:29	11/22/11 14:22	1
Benzo[k]fluoranthene	1.5		0.038	0.0092	mg/Kg	☼	11/19/11 10:29	11/22/11 14:22	1
Chrysene	2.5		0.038	0.0087	mg/Kg	☼	11/19/11 10:29	11/22/11 14:22	1
Dibenz(a,h)anthracene	0.71		0.038	0.011	mg/Kg	☼	11/19/11 10:29	11/22/11 14:22	1
Fluoranthene	2.5		0.038	0.016	mg/Kg	☼	11/19/11 10:29	11/22/11 14:22	1
Fluorene	0.088		0.038	0.0087	mg/Kg	☼	11/19/11 10:29	11/22/11 14:22	1
Indeno[1,2,3-cd]pyrene	1.4		0.038	0.013	mg/Kg	☼	11/19/11 10:29	11/22/11 14:22	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-32 0-2'

Lab Sample ID: WUK0363-17

Date Collected: 11/09/11 12:10

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 86.2

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	0.13		0.038	0.0074	mg/Kg	☼	11/19/11 10:29	11/22/11 14:22	1
Phenanthrene	1.0		0.038	0.016	mg/Kg	☼	11/19/11 10:29	11/22/11 14:22	1
Pyrene	2.1		0.038	0.014	mg/Kg	☼	11/19/11 10:29	11/22/11 14:22	1
2-Methylnaphthalene	<0.050		0.19	0.050	mg/Kg	☼	11/19/11 10:29	11/22/11 14:22	1
1-Methylnaphthalene	0.045		0.038	0.019	mg/Kg	☼	11/19/11 10:29	11/22/11 14:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	69		27 - 113				11/19/11 10:29	11/22/11 14:22	1
Nitrobenzene-d5	61		22 - 110				11/19/11 10:29	11/22/11 14:22	1
Terphenyl-d14	88		33 - 129				11/19/11 10:29	11/22/11 14:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0068		0.019	0.0068	mg/Kg	☼	11/18/11 18:58	11/21/11 18:27	1
PCB-1221	<0.015		0.019	0.015	mg/Kg	☼	11/18/11 18:58	11/21/11 18:27	1
PCB-1232	<0.0073		0.019	0.0073	mg/Kg	☼	11/18/11 18:58	11/21/11 18:27	1
PCB-1242	<0.0090		0.019	0.0090	mg/Kg	☼	11/18/11 18:58	11/21/11 18:27	1
PCB-1248	<0.0069		0.019	0.0069	mg/Kg	☼	11/18/11 18:58	11/21/11 18:27	1
PCB-1254	0.096		0.019	0.0054	mg/Kg	☼	11/18/11 18:58	11/21/11 18:27	1
PCB-1260	<0.0044		0.019	0.0044	mg/Kg	☼	11/18/11 18:58	11/21/11 18:27	1
Polychlorinated biphenyls, Total	0.096		0.019	0.0029	mg/Kg	☼	11/18/11 18:58	11/21/11 18:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	76		28 - 124				11/18/11 18:58	11/21/11 18:27	1
DCB Decachlorobiphenyl	85		38 - 130				11/18/11 18:58	11/21/11 18:27	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.4		1.1	0.16	mg/Kg	☼	11/18/11 15:00	11/19/11 12:32	1
Barium	56		1.1	0.064	mg/Kg	☼	11/18/11 15:00	11/19/11 12:32	1
Cadmium	0.41		0.23	0.031	mg/Kg	☼	11/18/11 15:00	11/19/11 12:32	1
Chromium	18		1.1	0.097	mg/Kg	☼	11/18/11 15:00	11/19/11 12:32	1
Lead	28		0.57	0.27	mg/Kg	☼	11/18/11 15:00	11/19/11 12:32	1
Selenium	<0.32		1.1	0.32	mg/Kg	☼	11/18/11 15:00	11/19/11 12:32	1
Silver	<0.072		0.57	0.072	mg/Kg	☼	11/18/11 15:00	11/19/11 12:32	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.13		0.018	0.0054	mg/Kg	☼	11/21/11 08:40	11/21/11 11:57	1

Client Sample ID: B-12-11 0-2'

Lab Sample ID: WUK0363-18

Date Collected: 11/09/11 12:15

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 84.9

Method: SW 8260B - VOCs by SW8260B - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	240		120	29	ug/kg dry	☼	11/17/11 13:37	11/17/11 23:34	1.0
Bromobenzene	<29		120	29	ug/kg dry	☼	11/17/11 13:37	11/17/11 23:34	1.0
Bromochloromethane	<29		120	29	ug/kg dry	☼	11/17/11 13:37	11/17/11 23:34	1.0
Bromodichloromethane	<29		120	29	ug/kg dry	☼	11/17/11 13:37	11/17/11 23:34	1.0
Bromoform	<29		120	29	ug/kg dry	☼	11/17/11 13:37	11/17/11 23:34	1.0

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-12-11 0-2'

Lab Sample ID: WUK0363-18

Date Collected: 11/09/11 12:15

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 84.9

Method: SW 8260B - VOCs by SW8260B - RE1 (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	<120		290	120	ug/kg dry	*	11/17/11 13:37	11/17/11 23:34	1.0
n-Butylbenzene	<29		120	29	ug/kg dry	*	11/17/11 13:37	11/17/11 23:34	1.0
sec-Butylbenzene	<29		120	29	ug/kg dry	*	11/17/11 13:37	11/17/11 23:34	1.0
tert-Butylbenzene	<29		120	29	ug/kg dry	*	11/17/11 13:37	11/17/11 23:34	1.0
Carbon Tetrachloride	<29		120	29	ug/kg dry	*	11/17/11 13:37	11/17/11 23:34	1.0
Chlorobenzene	<29		120	29	ug/kg dry	*	11/17/11 13:37	11/17/11 23:34	1.0
Chlorodibromomethane	<29		120	29	ug/kg dry	*	11/17/11 13:37	11/17/11 23:34	1.0
Chloroethane	<59		120	59	ug/kg dry	*	11/17/11 13:37	11/17/11 23:34	1.0
Chloroform	<29		120	29	ug/kg dry	*	11/17/11 13:37	11/17/11 23:34	1.0
Chloromethane	<59		120	59	ug/kg dry	*	11/17/11 13:37	11/17/11 23:34	1.0
2-Chlorotoluene	<59		120	59	ug/kg dry	*	11/17/11 13:37	11/17/11 23:34	1.0
4-Chlorotoluene	<29		120	29	ug/kg dry	*	11/17/11 13:37	11/17/11 23:34	1.0
1,2-Dibromo-3-chloropropane	<59		120	59	ug/kg dry	*	11/17/11 13:37	11/17/11 23:34	1.0
1,2-Dibromoethane (EDB)	<29		120	29	ug/kg dry	*	11/17/11 13:37	11/17/11 23:34	1.0
Dibromomethane	<29		120	29	ug/kg dry	*	11/17/11 13:37	11/17/11 23:34	1.0
1,2-Dichlorobenzene	<29		120	29	ug/kg dry	*	11/17/11 13:37	11/17/11 23:34	1.0
1,3-Dichlorobenzene	<29		120	29	ug/kg dry	*	11/17/11 13:37	11/17/11 23:34	1.0
1,4-Dichlorobenzene	<29		120	29	ug/kg dry	*	11/17/11 13:37	11/17/11 23:34	1.0
Dichlorodifluoromethane	<59		120	59	ug/kg dry	*	11/17/11 13:37	11/17/11 23:34	1.0
1,1-Dichloroethane	<29		120	29	ug/kg dry	*	11/17/11 13:37	11/17/11 23:34	1.0
1,2-Dichloroethane	<29		120	29	ug/kg dry	*	11/17/11 13:37	11/17/11 23:34	1.0
1,1-Dichloroethene	<29		120	29	ug/kg dry	*	11/17/11 13:37	11/17/11 23:34	1.0
cis-1,2-Dichloroethene	<29		120	29	ug/kg dry	*	11/17/11 13:37	11/17/11 23:34	1.0
trans-1,2-Dichloroethene	<29		120	29	ug/kg dry	*	11/17/11 13:37	11/17/11 23:34	1.0
1,2-Dichloropropane	<29		120	29	ug/kg dry	*	11/17/11 13:37	11/17/11 23:34	1.0
1,3-Dichloropropane	<29		120	29	ug/kg dry	*	11/17/11 13:37	11/17/11 23:34	1.0
2,2-Dichloropropane	<29		120	29	ug/kg dry	*	11/17/11 13:37	11/17/11 23:34	1.0
1,1-Dichloropropene	<29		120	29	ug/kg dry	*	11/17/11 13:37	11/17/11 23:34	1.0
cis-1,3-Dichloropropene	<29		120	29	ug/kg dry	*	11/17/11 13:37	11/17/11 23:34	1.0
trans-1,3-Dichloropropene	<29		120	29	ug/kg dry	*	11/17/11 13:37	11/17/11 23:34	1.0
Isopropyl Ether	<29		120	29	ug/kg dry	*	11/17/11 13:37	11/17/11 23:34	1.0
Ethylbenzene	<29		120	29	ug/kg dry	*	11/17/11 13:37	11/17/11 23:34	1.0
Hexachlorobutadiene	<29		120	29	ug/kg dry	*	11/17/11 13:37	11/17/11 23:34	1.0
Isopropylbenzene	<29		120	29	ug/kg dry	*	11/17/11 13:37	11/17/11 23:34	1.0
p-Isopropyltoluene	<29		120	29	ug/kg dry	*	11/17/11 13:37	11/17/11 23:34	1.0
Methylene Chloride	<59		120	59	ug/kg dry	*	11/17/11 13:37	11/17/11 23:34	1.0
Methyl tert-Butyl Ether	<29		120	29	ug/kg dry	*	11/17/11 13:37	11/17/11 23:34	1.0
Naphthalene	7500		120	59	ug/kg dry	*	11/17/11 13:37	11/17/11 23:34	1.0
n-Propylbenzene	<29		120	29	ug/kg dry	*	11/17/11 13:37	11/17/11 23:34	1.0
Styrene	<59		120	59	ug/kg dry	*	11/17/11 13:37	11/17/11 23:34	1.0
1,1,1,2-Tetrachloroethane	<29		120	29	ug/kg dry	*	11/17/11 13:37	11/17/11 23:34	1.0
1,1,2,2-Tetrachloroethane	<29		120	29	ug/kg dry	*	11/17/11 13:37	11/17/11 23:34	1.0
Tetrachloroethene	<29		120	29	ug/kg dry	*	11/17/11 13:37	11/17/11 23:34	1.0
Toluene	210		120	29	ug/kg dry	*	11/17/11 13:37	11/17/11 23:34	1.0
1,2,3-Trichlorobenzene	<29		120	29	ug/kg dry	*	11/17/11 13:37	11/17/11 23:34	1.0
1,2,4-Trichlorobenzene	<29		120	29	ug/kg dry	*	11/17/11 13:37	11/17/11 23:34	1.0
1,1,1-Trichloroethane	<29		120	29	ug/kg dry	*	11/17/11 13:37	11/17/11 23:34	1.0
1,1,2-Trichloroethane	<29		120	29	ug/kg dry	*	11/17/11 13:37	11/17/11 23:34	1.0
Trichloroethene	<29		120	29	ug/kg dry	*	11/17/11 13:37	11/17/11 23:34	1.0
Trichlorofluoromethane	<29		120	29	ug/kg dry	*	11/17/11 13:37	11/17/11 23:34	1.0

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-12-11 0-2'

Lab Sample ID: WUK0363-18

Date Collected: 11/09/11 12:15

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 84.9

Method: SW 8260B - VOCs by SW8260B - RE1 (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	<59		120	59	ug/kg dry	☼	11/17/11 13:37	11/17/11 23:34	1.0
1,2,4-Trimethylbenzene	49	J	120	29	ug/kg dry	☼	11/17/11 13:37	11/17/11 23:34	1.0
1,3,5-Trimethylbenzene	32	J	120	29	ug/kg dry	☼	11/17/11 13:37	11/17/11 23:34	1.0
Vinyl chloride	<29		120	29	ug/kg dry	☼	11/17/11 13:37	11/17/11 23:34	1.0
Xylenes, total	190	J	350	88	ug/kg dry	☼	11/17/11 13:37	11/17/11 23:34	1.0
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Dibromofluoromethane	99		80 - 120				11/17/11 13:37	11/17/11 23:34	1.0
Toluene-d8	99		80 - 120				11/17/11 13:37	11/17/11 23:34	1.0
4-Bromofluorobenzene	100		80 - 120				11/17/11 13:37	11/17/11 23:34	1.0

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	11		0.77	0.23	mg/Kg	☼	11/19/11 10:29	11/22/11 00:25	20
Acenaphthylene	32		0.77	0.18	mg/Kg	☼	11/19/11 10:29	11/22/11 00:25	20
Benzo[k]fluoranthene	35		0.77	0.19	mg/Kg	☼	11/19/11 10:29	11/22/11 00:25	20
Dibenz(a,h)anthracene	46		0.77	0.22	mg/Kg	☼	11/19/11 10:29	11/22/11 00:25	20
Fluorene	32		0.77	0.18	mg/Kg	☼	11/19/11 10:29	11/22/11 00:25	20
Naphthalene	23		0.77	0.15	mg/Kg	☼	11/19/11 10:29	11/22/11 00:25	20
2-Methylnaphthalene	7.9		3.9	1.0	mg/Kg	☼	11/19/11 10:29	11/22/11 00:25	20
1-Methylnaphthalene	5.9		0.77	0.39	mg/Kg	☼	11/19/11 10:29	11/22/11 00:25	20
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	98		27 - 113				11/19/11 10:29	11/22/11 00:25	20
Nitrobenzene-d5	78		22 - 110				11/19/11 10:29	11/22/11 00:25	20
Terphenyl-d14	230	X	33 - 129				11/19/11 10:29	11/22/11 00:25	20

Method: 8270C - Semivolatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	150		19	4.6	mg/Kg	☼	11/19/11 10:29	11/22/11 18:52	500
Benzo[a]anthracene	270		19	4.1	mg/Kg	☼	11/19/11 10:29	11/22/11 18:52	500
Benzo[a]pyrene	260		19	3.6	mg/Kg	☼	11/19/11 10:29	11/22/11 18:52	500
Benzo[b]fluoranthene	250		19	3.8	mg/Kg	☼	11/19/11 10:29	11/22/11 18:52	500
Benzo[g,h,i]perylene	150		19	6.6	mg/Kg	☼	11/19/11 10:29	11/22/11 18:52	500
Chrysene	290		19	4.4	mg/Kg	☼	11/19/11 10:29	11/22/11 18:52	500
Fluoranthene	490		19	8.0	mg/Kg	☼	11/19/11 10:29	11/22/11 18:52	500
Indeno[1,2,3-cd]pyrene	140		19	6.6	mg/Kg	☼	11/19/11 10:29	11/22/11 18:52	500
Phenanthrene	200		19	8.2	mg/Kg	☼	11/19/11 10:29	11/22/11 18:52	500
Pyrene	410		19	7.0	mg/Kg	☼	11/19/11 10:29	11/22/11 18:52	500
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	0	D	27 - 113				11/19/11 10:29	11/22/11 18:52	500
Nitrobenzene-d5	0	D	22 - 110				11/19/11 10:29	11/22/11 18:52	500
Terphenyl-d14	0	D	33 - 129				11/19/11 10:29	11/22/11 18:52	500

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0069		0.019	0.0069	mg/Kg	☼	11/18/11 18:58	11/21/11 18:41	1
PCB-1221	<0.015		0.019	0.015	mg/Kg	☼	11/18/11 18:58	11/21/11 18:41	1
PCB-1232	<0.0074		0.019	0.0074	mg/Kg	☼	11/18/11 18:58	11/21/11 18:41	1
PCB-1242	<0.0092		0.019	0.0092	mg/Kg	☼	11/18/11 18:58	11/21/11 18:41	1
PCB-1248	0.34		0.019	0.0070	mg/Kg	☼	11/18/11 18:58	11/21/11 18:41	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-12-11 0-2'

Lab Sample ID: WUK0363-18

Date Collected: 11/09/11 12:15

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 84.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1254	0.23		0.019	0.0055	mg/Kg	☼	11/18/11 18:58	11/21/11 18:41	1
PCB-1260	<0.0045		0.019	0.0045	mg/Kg	☼	11/18/11 18:58	11/21/11 18:41	1
Polychlorinated biphenyls, Total	0.57		0.019	0.0030	mg/Kg	☼	11/18/11 18:58	11/21/11 18:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	78		28 - 124				11/18/11 18:58	11/21/11 18:41	1
DCB Decachlorobiphenyl	103		38 - 130				11/18/11 18:58	11/21/11 18:41	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.6		1.2	0.16	mg/Kg	☼	11/18/11 15:00	11/19/11 12:38	1
Barium	99		1.2	0.065	mg/Kg	☼	11/18/11 15:00	11/19/11 12:38	1
Cadmium	0.81		0.23	0.031	mg/Kg	☼	11/18/11 15:00	11/19/11 12:38	1
Chromium	73		1.2	0.099	mg/Kg	☼	11/18/11 15:00	11/19/11 12:38	1
Lead	47		0.58	0.28	mg/Kg	☼	11/18/11 15:00	11/19/11 12:38	1
Selenium	0.82	J	1.2	0.33	mg/Kg	☼	11/18/11 15:00	11/19/11 12:38	1
Silver	0.093	J	0.58	0.073	mg/Kg	☼	11/18/11 15:00	11/19/11 12:38	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	4.1		0.92	0.28	mg/Kg	☼	11/21/11 08:40	11/21/11 12:50	50

Client Sample ID: B-33 0-2'

Lab Sample ID: WUK0363-19

Date Collected: 11/09/11 12:25

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 86.3

Method: SW 8260B - VOCs by SW8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:52	1.0
Bromobenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:52	1.0
Bromochloromethane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:52	1.0
Bromodichloromethane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:52	1.0
Bromoform	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:52	1.0
Bromomethane	<120		290	120	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:52	1.0
n-Butylbenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:52	1.0
sec-Butylbenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:52	1.0
tert-Butylbenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:52	1.0
Carbon Tetrachloride	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:52	1.0
Chlorobenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:52	1.0
Chlorodibromomethane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:52	1.0
Chloroethane	<58		120	58	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:52	1.0
Chloroform	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:52	1.0
Chloromethane	<58		120	58	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:52	1.0
2-Chlorotoluene	<58		120	58	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:52	1.0
4-Chlorotoluene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:52	1.0
1,2-Dibromo-3-chloropropane	<58		120	58	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:52	1.0
1,2-Dibromoethane (EDB)	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:52	1.0
Dibromomethane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:52	1.0
1,2-Dichlorobenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:52	1.0
1,3-Dichlorobenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:52	1.0

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-33 0-2'

Lab Sample ID: WUK0363-19

Date Collected: 11/09/11 12:25

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 86.3

Method: SW 8260B - VOCs by SW8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:52	1.0
Dichlorodifluoromethane	<58		120	58	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:52	1.0
1,1-Dichloroethane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:52	1.0
1,2-Dichloroethane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:52	1.0
1,1-Dichloroethene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:52	1.0
cis-1,2-Dichloroethene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:52	1.0
trans-1,2-Dichloroethene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:52	1.0
1,2-Dichloropropane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:52	1.0
1,3-Dichloropropane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:52	1.0
2,2-Dichloropropane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:52	1.0
1,1-Dichloropropene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:52	1.0
cis-1,3-Dichloropropene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:52	1.0
trans-1,3-Dichloropropene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:52	1.0
Isopropyl Ether	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:52	1.0
Ethylbenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:52	1.0
Hexachlorobutadiene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:52	1.0
Isopropylbenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:52	1.0
p-Isopropyltoluene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:52	1.0
Methylene Chloride	<58		120	58	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:52	1.0
Methyl tert-Butyl Ether	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:52	1.0
n-Propylbenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:52	1.0
Styrene	<58		120	58	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:52	1.0
1,1,1,2-Tetrachloroethane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:52	1.0
1,1,2,2-Tetrachloroethane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:52	1.0
Tetrachloroethene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:52	1.0
Toluene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:52	1.0
1,2,3-Trichlorobenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:52	1.0
1,2,4-Trichlorobenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:52	1.0
1,1,1-Trichloroethane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:52	1.0
1,1,2-Trichloroethane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:52	1.0
Trichloroethene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:52	1.0
Trichlorofluoromethane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:52	1.0
1,2,3-Trichloropropane	<58		120	58	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:52	1.0
1,2,4-Trimethylbenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:52	1.0
1,3,5-Trimethylbenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:52	1.0
Vinyl chloride	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:52	1.0
Xylenes, total	<87		350	87	ug/kg dry	☼	11/15/11 10:57	11/15/11 18:52	1.0

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane	99		80 - 120	11/15/11 10:57	11/15/11 18:52	1.0
Toluene-d8	98		80 - 120	11/15/11 10:57	11/15/11 18:52	1.0
4-Bromofluorobenzene	100		80 - 120	11/15/11 10:57	11/15/11 18:52	1.0

Method: SW 8260B - VOCs by SW8260B - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	210		120	58	ug/kg dry	☼	11/16/11 12:47	11/16/11 13:45	1.0

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane	101		80 - 120	11/16/11 12:47	11/16/11 13:45	1.0
Toluene-d8	98		80 - 120	11/16/11 12:47	11/16/11 13:45	1.0
4-Bromofluorobenzene	98		80 - 120	11/16/11 12:47	11/16/11 13:45	1.0

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-33 0-2'

Lab Sample ID: WUK0363-19

Date Collected: 11/09/11 12:25

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 86.3

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.25		0.19	0.058	mg/Kg	☼	11/19/11 10:29	11/22/11 15:30	5
Acenaphthylene	0.61		0.19	0.044	mg/Kg	☼	11/19/11 10:29	11/22/11 15:30	5
Anthracene	1.8		0.19	0.045	mg/Kg	☼	11/19/11 10:29	11/22/11 15:30	5
Benzo[a]anthracene	4.2		0.19	0.040	mg/Kg	☼	11/19/11 10:29	11/22/11 15:30	5
Benzo[a]pyrene	5.6		0.19	0.035	mg/Kg	☼	11/19/11 10:29	11/22/11 15:30	5
Benzo[b]fluoranthene	5.4		0.19	0.037	mg/Kg	☼	11/19/11 10:29	11/22/11 15:30	5
Benzo[g,h,i]perylene	3.8		0.19	0.065	mg/Kg	☼	11/19/11 10:29	11/22/11 15:30	5
Benzo[k]fluoranthene	4.2		0.19	0.046	mg/Kg	☼	11/19/11 10:29	11/22/11 15:30	5
Chrysene	5.1		0.19	0.043	mg/Kg	☼	11/19/11 10:29	11/22/11 15:30	5
Dibenz(a,h)anthracene	1.3		0.19	0.054	mg/Kg	☼	11/19/11 10:29	11/22/11 15:30	5
Fluoranthene	7.7		0.19	0.079	mg/Kg	☼	11/19/11 10:29	11/22/11 15:30	5
Fluorene	0.69		0.19	0.044	mg/Kg	☼	11/19/11 10:29	11/22/11 15:30	5
Indeno[1,2,3-cd]pyrene	3.5		0.19	0.065	mg/Kg	☼	11/19/11 10:29	11/22/11 15:30	5
Naphthalene	0.54		0.19	0.037	mg/Kg	☼	11/19/11 10:29	11/22/11 15:30	5
Phenanthrene	4.2		0.19	0.081	mg/Kg	☼	11/19/11 10:29	11/22/11 15:30	5
Pyrene	6.0		0.19	0.070	mg/Kg	☼	11/19/11 10:29	11/22/11 15:30	5
2-Methylnaphthalene	<0.25		0.97	0.25	mg/Kg	☼	11/19/11 10:29	11/22/11 15:30	5
1-Methylnaphthalene	0.19		0.19	0.096	mg/Kg	☼	11/19/11 10:29	11/22/11 15:30	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	82		27 - 113	11/19/11 10:29	11/22/11 15:30	5
Nitrobenzene-d5	66		22 - 110	11/19/11 10:29	11/22/11 15:30	5
Terphenyl-d14	100		33 - 129	11/19/11 10:29	11/22/11 15:30	5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.034		0.096	0.034	mg/Kg	☼	11/18/11 18:58	11/21/11 18:55	5
PCB-1221	<0.077		0.096	0.077	mg/Kg	☼	11/18/11 18:58	11/21/11 18:55	5
PCB-1232	<0.037		0.096	0.037	mg/Kg	☼	11/18/11 18:58	11/21/11 18:55	5
PCB-1242	<0.046		0.096	0.046	mg/Kg	☼	11/18/11 18:58	11/21/11 18:55	5
PCB-1248	<0.035		0.096	0.035	mg/Kg	☼	11/18/11 18:58	11/21/11 18:55	5
PCB-1254	<0.027		0.096	0.027	mg/Kg	☼	11/18/11 18:58	11/21/11 18:55	5
PCB-1260	<0.022		0.096	0.022	mg/Kg	☼	11/18/11 18:58	11/21/11 18:55	5
Polychlorinated biphenyls, Total	<0.015		0.096	0.015	mg/Kg	☼	11/18/11 18:58	11/21/11 18:55	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	97		28 - 124	11/18/11 18:58	11/21/11 18:55	5
DCB Decachlorobiphenyl	119		38 - 130	11/18/11 18:58	11/21/11 18:55	5

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.0		1.1	0.16	mg/Kg	☼	11/18/11 15:00	11/19/11 12:44	1
Barium	50		1.1	0.064	mg/Kg	☼	11/18/11 15:00	11/19/11 12:44	1
Cadmium	0.55		0.23	0.031	mg/Kg	☼	11/18/11 15:00	11/19/11 12:44	1
Chromium	23		1.1	0.097	mg/Kg	☼	11/18/11 15:00	11/19/11 12:44	1
Lead	60		0.57	0.27	mg/Kg	☼	11/18/11 15:00	11/19/11 12:44	1
Selenium	<0.32		1.1	0.32	mg/Kg	☼	11/18/11 15:00	11/19/11 12:44	1
Silver	<0.072		0.57	0.072	mg/Kg	☼	11/18/11 15:00	11/19/11 12:44	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-33 0-2'

Lab Sample ID: WUK0363-19

Date Collected: 11/09/11 12:25

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 86.3

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	1.7		0.33	0.10	mg/Kg	☼	11/21/11 08:40	11/21/11 12:52	20

Client Sample ID: B-33 4-6'

Lab Sample ID: WUK0363-20

Date Collected: 11/09/11 12:35

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 85.9

Method: SW 8260B - VOCs by SW8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 19:19	1.0
Bromobenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 19:19	1.0
Bromochloromethane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 19:19	1.0
Bromodichloromethane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 19:19	1.0
Bromoform	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 19:19	1.0
Bromomethane	<120		290	120	ug/kg dry	☼	11/15/11 10:57	11/15/11 19:19	1.0
n-Butylbenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 19:19	1.0
sec-Butylbenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 19:19	1.0
tert-Butylbenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 19:19	1.0
Carbon Tetrachloride	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 19:19	1.0
Chlorobenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 19:19	1.0
Chlorodibromomethane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 19:19	1.0
Chloroethane	<58		120	58	ug/kg dry	☼	11/15/11 10:57	11/15/11 19:19	1.0
Chloroform	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 19:19	1.0
Chloromethane	<58		120	58	ug/kg dry	☼	11/15/11 10:57	11/15/11 19:19	1.0
2-Chlorotoluene	<58		120	58	ug/kg dry	☼	11/15/11 10:57	11/15/11 19:19	1.0
4-Chlorotoluene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 19:19	1.0
1,2-Dibromo-3-chloropropane	<58		120	58	ug/kg dry	☼	11/15/11 10:57	11/15/11 19:19	1.0
1,2-Dibromoethane (EDB)	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 19:19	1.0
Dibromomethane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 19:19	1.0
1,2-Dichlorobenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 19:19	1.0
1,3-Dichlorobenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 19:19	1.0
1,4-Dichlorobenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 19:19	1.0
Dichlorodifluoromethane	<58		120	58	ug/kg dry	☼	11/15/11 10:57	11/15/11 19:19	1.0
1,1-Dichloroethane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 19:19	1.0
1,2-Dichloroethane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 19:19	1.0
1,1-Dichloroethene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 19:19	1.0
cis-1,2-Dichloroethene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 19:19	1.0
trans-1,2-Dichloroethene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 19:19	1.0
1,2-Dichloropropane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 19:19	1.0
1,3-Dichloropropane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 19:19	1.0
2,2-Dichloropropane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 19:19	1.0
1,1-Dichloropropene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 19:19	1.0
cis-1,3-Dichloropropene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 19:19	1.0
trans-1,3-Dichloropropene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 19:19	1.0
Isopropyl Ether	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 19:19	1.0
Ethylbenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 19:19	1.0
Hexachlorobutadiene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 19:19	1.0
Isopropylbenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 19:19	1.0
p-Isopropyltoluene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 19:19	1.0
Methylene Chloride	<58		120	58	ug/kg dry	☼	11/15/11 10:57	11/15/11 19:19	1.0

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-33 4-6'

Lab Sample ID: WUK0363-20

Date Collected: 11/09/11 12:35

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 85.9

Method: SW 8260B - VOCs by SW8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-Butyl Ether	<29		120	29	ug/kg dry	*	11/15/11 10:57	11/15/11 19:19	1.0
Naphthalene	<58		120	58	ug/kg dry	*	11/15/11 10:57	11/15/11 19:19	1.0
n-Propylbenzene	<29		120	29	ug/kg dry	*	11/15/11 10:57	11/15/11 19:19	1.0
Styrene	<58		120	58	ug/kg dry	*	11/15/11 10:57	11/15/11 19:19	1.0
1,1,1,2-Tetrachloroethane	<29		120	29	ug/kg dry	*	11/15/11 10:57	11/15/11 19:19	1.0
1,1,2,2-Tetrachloroethane	<29		120	29	ug/kg dry	*	11/15/11 10:57	11/15/11 19:19	1.0
Tetrachloroethene	<29		120	29	ug/kg dry	*	11/15/11 10:57	11/15/11 19:19	1.0
Toluene	<29		120	29	ug/kg dry	*	11/15/11 10:57	11/15/11 19:19	1.0
1,2,3-Trichlorobenzene	<29		120	29	ug/kg dry	*	11/15/11 10:57	11/15/11 19:19	1.0
1,2,4-Trichlorobenzene	<29		120	29	ug/kg dry	*	11/15/11 10:57	11/15/11 19:19	1.0
1,1,1-Trichloroethane	<29		120	29	ug/kg dry	*	11/15/11 10:57	11/15/11 19:19	1.0
1,1,2-Trichloroethane	<29		120	29	ug/kg dry	*	11/15/11 10:57	11/15/11 19:19	1.0
Trichloroethene	<29		120	29	ug/kg dry	*	11/15/11 10:57	11/15/11 19:19	1.0
Trichlorofluoromethane	<29		120	29	ug/kg dry	*	11/15/11 10:57	11/15/11 19:19	1.0
1,2,3-Trichloropropane	<58		120	58	ug/kg dry	*	11/15/11 10:57	11/15/11 19:19	1.0
1,2,4-Trimethylbenzene	<29		120	29	ug/kg dry	*	11/15/11 10:57	11/15/11 19:19	1.0
1,3,5-Trimethylbenzene	<29		120	29	ug/kg dry	*	11/15/11 10:57	11/15/11 19:19	1.0
Vinyl chloride	<29		120	29	ug/kg dry	*	11/15/11 10:57	11/15/11 19:19	1.0
Xylenes, total	<87		350	87	ug/kg dry	*	11/15/11 10:57	11/15/11 19:19	1.0

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane	99		80 - 120	11/15/11 10:57	11/15/11 19:19	1.0
Toluene-d8	98		80 - 120	11/15/11 10:57	11/15/11 19:19	1.0
4-Bromofluorobenzene	100		80 - 120	11/15/11 10:57	11/15/11 19:19	1.0

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.011		0.038	0.011	mg/Kg	*	11/19/11 10:29	11/22/11 14:45	1
Acenaphthylene	<0.0088		0.038	0.0088	mg/Kg	*	11/19/11 10:29	11/22/11 14:45	1
Anthracene	0.031	J	0.038	0.0090	mg/Kg	*	11/19/11 10:29	11/22/11 14:45	1
Benzo[a]anthracene	0.15		0.038	0.0080	mg/Kg	*	11/19/11 10:29	11/22/11 14:45	1
Benzo[a]pyrene	0.23		0.038	0.0069	mg/Kg	*	11/19/11 10:29	11/22/11 14:45	1
Benzo[b]fluoranthene	0.24		0.038	0.0074	mg/Kg	*	11/19/11 10:29	11/22/11 14:45	1
Benzo[g,h,i]perylene	0.16		0.038	0.013	mg/Kg	*	11/19/11 10:29	11/22/11 14:45	1
Benzo[k]fluoranthene	0.15		0.038	0.0091	mg/Kg	*	11/19/11 10:29	11/22/11 14:45	1
Chrysene	0.21		0.038	0.0086	mg/Kg	*	11/19/11 10:29	11/22/11 14:45	1
Dibenz(a,h)anthracene	0.042		0.038	0.011	mg/Kg	*	11/19/11 10:29	11/22/11 14:45	1
Fluoranthene	0.21		0.038	0.016	mg/Kg	*	11/19/11 10:29	11/22/11 14:45	1
Fluorene	<0.0087		0.038	0.0087	mg/Kg	*	11/19/11 10:29	11/22/11 14:45	1
Indeno[1,2,3-cd]pyrene	0.14		0.038	0.013	mg/Kg	*	11/19/11 10:29	11/22/11 14:45	1
Naphthalene	<0.0073		0.038	0.0073	mg/Kg	*	11/19/11 10:29	11/22/11 14:45	1
Phenanthrene	0.070		0.038	0.016	mg/Kg	*	11/19/11 10:29	11/22/11 14:45	1
Pyrene	0.19		0.038	0.014	mg/Kg	*	11/19/11 10:29	11/22/11 14:45	1
2-Methylnaphthalene	<0.049		0.19	0.049	mg/Kg	*	11/19/11 10:29	11/22/11 14:45	1
1-Methylnaphthalene	<0.019		0.038	0.019	mg/Kg	*	11/19/11 10:29	11/22/11 14:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	67		27 - 113	11/19/11 10:29	11/22/11 14:45	1
Nitrobenzene-d5	66		22 - 110	11/19/11 10:29	11/22/11 14:45	1
Terphenyl-d14	81		33 - 129	11/19/11 10:29	11/22/11 14:45	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-33 4-6'

Lab Sample ID: WUK0363-20

Date Collected: 11/09/11 12:35

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 85.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0068		0.019	0.0068	mg/Kg	☼	11/18/11 18:58	11/20/11 18:17	1
PCB-1221	<0.015		0.019	0.015	mg/Kg	☼	11/18/11 18:58	11/20/11 18:17	1
PCB-1232	<0.0074		0.019	0.0074	mg/Kg	☼	11/18/11 18:58	11/20/11 18:17	1
PCB-1242	<0.0091		0.019	0.0091	mg/Kg	☼	11/18/11 18:58	11/20/11 18:17	1
PCB-1248	<0.0069		0.019	0.0069	mg/Kg	☼	11/18/11 18:58	11/20/11 18:17	1
PCB-1254	<0.0055		0.019	0.0055	mg/Kg	☼	11/18/11 18:58	11/20/11 18:17	1
PCB-1260	<0.0044		0.019	0.0044	mg/Kg	☼	11/18/11 18:58	11/20/11 18:17	1
Polychlorinated biphenyls, Total	<0.0030		0.019	0.0030	mg/Kg	☼	11/18/11 18:58	11/20/11 18:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	87		28 - 124				11/18/11 18:58	11/20/11 18:17	1
DCB Decachlorobiphenyl	109		38 - 130				11/18/11 18:58	11/20/11 18:17	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.0		1.1	0.16	mg/Kg	☼	11/18/11 15:00	11/19/11 12:50	1
Barium	66		1.1	0.064	mg/Kg	☼	11/18/11 15:00	11/19/11 12:50	1
Cadmium	0.33		0.23	0.031	mg/Kg	☼	11/18/11 15:00	11/19/11 12:50	1
Chromium	27		1.1	0.097	mg/Kg	☼	11/18/11 15:00	11/19/11 12:50	1
Lead	11		0.57	0.27	mg/Kg	☼	11/18/11 15:00	11/19/11 12:50	1
Selenium	<0.32		1.1	0.32	mg/Kg	☼	11/18/11 15:00	11/19/11 12:50	1
Silver	<0.072		0.57	0.072	mg/Kg	☼	11/18/11 15:00	11/19/11 12:50	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.034		0.017	0.0051	mg/Kg	☼	11/21/11 08:40	11/21/11 12:03	1

Client Sample ID: B-33 8-10'

Lab Sample ID: WUK0363-21

Date Collected: 11/09/11 12:45

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 85.3

Method: SW 8260B - VOCs by SW8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 19:46	1.0
Bromobenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 19:46	1.0
Bromochloromethane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 19:46	1.0
Bromodichloromethane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 19:46	1.0
Bromoform	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 19:46	1.0
Bromomethane	<120		290	120	ug/kg dry	☼	11/15/11 10:57	11/15/11 19:46	1.0
n-Butylbenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 19:46	1.0
sec-Butylbenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 19:46	1.0
tert-Butylbenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 19:46	1.0
Carbon Tetrachloride	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 19:46	1.0
Chlorobenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 19:46	1.0
Chlorodibromomethane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 19:46	1.0
Chloroethane	<59		120	59	ug/kg dry	☼	11/15/11 10:57	11/15/11 19:46	1.0
Chloroform	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 19:46	1.0
Chloromethane	<59		120	59	ug/kg dry	☼	11/15/11 10:57	11/15/11 19:46	1.0
2-Chlorotoluene	<59		120	59	ug/kg dry	☼	11/15/11 10:57	11/15/11 19:46	1.0
4-Chlorotoluene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 19:46	1.0

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-33 8-10'

Lab Sample ID: WUK0363-21

Date Collected: 11/09/11 12:45

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 85.3

Method: SW 8260B - VOCs by SW8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-chloropropane	<59		120	59	ug/kg dry	☼	11/15/11 10:57	11/15/11 19:46	1.0
1,2-Dibromoethane (EDB)	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 19:46	1.0
Dibromomethane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 19:46	1.0
1,2-Dichlorobenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 19:46	1.0
1,3-Dichlorobenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 19:46	1.0
1,4-Dichlorobenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 19:46	1.0
Dichlorodifluoromethane	<59		120	59	ug/kg dry	☼	11/15/11 10:57	11/15/11 19:46	1.0
1,1-Dichloroethane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 19:46	1.0
1,2-Dichloroethane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 19:46	1.0
1,1-Dichloroethene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 19:46	1.0
cis-1,2-Dichloroethene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 19:46	1.0
trans-1,2-Dichloroethene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 19:46	1.0
1,2-Dichloropropane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 19:46	1.0
1,3-Dichloropropane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 19:46	1.0
2,2-Dichloropropane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 19:46	1.0
1,1-Dichloropropene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 19:46	1.0
cis-1,3-Dichloropropene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 19:46	1.0
trans-1,3-Dichloropropene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 19:46	1.0
Isopropyl Ether	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 19:46	1.0
Ethylbenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 19:46	1.0
Hexachlorobutadiene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 19:46	1.0
Isopropylbenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 19:46	1.0
p-Isopropyltoluene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 19:46	1.0
Methylene Chloride	<59		120	59	ug/kg dry	☼	11/15/11 10:57	11/15/11 19:46	1.0
Methyl tert-Butyl Ether	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 19:46	1.0
Naphthalene	<59		120	59	ug/kg dry	☼	11/15/11 10:57	11/15/11 19:46	1.0
n-Propylbenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 19:46	1.0
Styrene	<59		120	59	ug/kg dry	☼	11/15/11 10:57	11/15/11 19:46	1.0
1,1,1,2-Tetrachloroethane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 19:46	1.0
1,1,2,2-Tetrachloroethane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 19:46	1.0
Tetrachloroethene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 19:46	1.0
Toluene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 19:46	1.0
1,2,3-Trichlorobenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 19:46	1.0
1,2,4-Trichlorobenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 19:46	1.0
1,1,1-Trichloroethane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 19:46	1.0
1,1,2-Trichloroethane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 19:46	1.0
Trichloroethene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 19:46	1.0
Trichlorofluoromethane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 19:46	1.0
1,2,3-Trichloropropane	<59		120	59	ug/kg dry	☼	11/15/11 10:57	11/15/11 19:46	1.0
1,2,4-Trimethylbenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 19:46	1.0
1,3,5-Trimethylbenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 19:46	1.0
Vinyl chloride	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 19:46	1.0
Xylenes, total	<88		350	88	ug/kg dry	☼	11/15/11 10:57	11/15/11 19:46	1.0

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane	101		80 - 120	11/15/11 10:57	11/15/11 19:46	1.0
Toluene-d8	98		80 - 120	11/15/11 10:57	11/15/11 19:46	1.0
4-Bromofluorobenzene	99		80 - 120	11/15/11 10:57	11/15/11 19:46	1.0

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-33 8-10'

Lab Sample ID: WUK0363-21

Date Collected: 11/09/11 12:45

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 85.3

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.011		0.037	0.011	mg/Kg	☼	11/20/11 22:06	11/22/11 15:07	1
Acenaphthylene	<0.0085		0.037	0.0085	mg/Kg	☼	11/20/11 22:06	11/22/11 15:07	1
Anthracene	0.034	J	0.037	0.0087	mg/Kg	☼	11/20/11 22:06	11/22/11 15:07	1
Benzo[a]anthracene	0.021	J	0.037	0.0078	mg/Kg	☼	11/20/11 22:06	11/22/11 15:07	1
Benzo[a]pyrene	0.029	J	0.037	0.0068	mg/Kg	☼	11/20/11 22:06	11/22/11 15:07	1
Benzo[b]fluoranthene	0.031	J	0.037	0.0072	mg/Kg	☼	11/20/11 22:06	11/22/11 15:07	1
Benzo[g,h,i]perylene	0.016	J	0.037	0.013	mg/Kg	☼	11/20/11 22:06	11/22/11 15:07	1
Benzo[k]fluoranthene	0.018	J	0.037	0.0088	mg/Kg	☼	11/20/11 22:06	11/22/11 15:07	1
Chrysene	0.022	J	0.037	0.0084	mg/Kg	☼	11/20/11 22:06	11/22/11 15:07	1
Dibenz(a,h)anthracene	<0.010		0.037	0.010	mg/Kg	☼	11/20/11 22:06	11/22/11 15:07	1
Fluoranthene	0.045		0.037	0.015	mg/Kg	☼	11/20/11 22:06	11/22/11 15:07	1
Fluorene	0.010	J	0.037	0.0084	mg/Kg	☼	11/20/11 22:06	11/22/11 15:07	1
Indeno[1,2,3-cd]pyrene	<0.013		0.037	0.013	mg/Kg	☼	11/20/11 22:06	11/22/11 15:07	1
Naphthalene	<0.0071		0.037	0.0071	mg/Kg	☼	11/20/11 22:06	11/22/11 15:07	1
Phenanthrene	0.039		0.037	0.016	mg/Kg	☼	11/20/11 22:06	11/22/11 15:07	1
Pyrene	0.034	J	0.037	0.013	mg/Kg	☼	11/20/11 22:06	11/22/11 15:07	1
2-Methylnaphthalene	<0.048		0.19	0.048	mg/Kg	☼	11/20/11 22:06	11/22/11 15:07	1
1-Methylnaphthalene	<0.018		0.037	0.018	mg/Kg	☼	11/20/11 22:06	11/22/11 15:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	84		27 - 113	11/20/11 22:06	11/22/11 15:07	1
Nitrobenzene-d5	80		22 - 110	11/20/11 22:06	11/22/11 15:07	1
Terphenyl-d14	88		33 - 129	11/20/11 22:06	11/22/11 15:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.14		0.39	0.14	mg/Kg	☼	11/18/11 19:46	11/21/11 13:01	20
PCB-1221	<0.31		0.39	0.31	mg/Kg	☼	11/18/11 19:46	11/21/11 13:01	20
PCB-1232	<0.15		0.39	0.15	mg/Kg	☼	11/18/11 19:46	11/21/11 13:01	20
PCB-1242	<0.19		0.39	0.19	mg/Kg	☼	11/18/11 19:46	11/21/11 13:01	20
PCB-1248	<0.14		0.39	0.14	mg/Kg	☼	11/18/11 19:46	11/21/11 13:01	20
PCB-1254	<0.11		0.39	0.11	mg/Kg	☼	11/18/11 19:46	11/21/11 13:01	20
PCB-1260	1.4		0.39	0.090	mg/Kg	☼	11/18/11 19:46	11/21/11 13:01	20
Polychlorinated biphenyls, Total	1.4		0.39	0.060	mg/Kg	☼	11/18/11 19:46	11/21/11 13:01	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	0	D	28 - 124	11/18/11 19:46	11/21/11 13:01	20
DCB Decachlorobiphenyl	0	D	38 - 130	11/18/11 19:46	11/21/11 13:01	20

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.5		1.1	0.16	mg/Kg	☼	11/18/11 15:00	11/19/11 12:57	1
Barium	43		1.1	0.063	mg/Kg	☼	11/18/11 15:00	11/19/11 12:57	1
Cadmium	0.27		0.23	0.030	mg/Kg	☼	11/18/11 15:00	11/19/11 12:57	1
Chromium	14		1.1	0.096	mg/Kg	☼	11/18/11 15:00	11/19/11 12:57	1
Lead	6.2		0.56	0.27	mg/Kg	☼	11/18/11 15:00	11/19/11 12:57	1
Selenium	<0.32		1.1	0.32	mg/Kg	☼	11/18/11 15:00	11/19/11 12:57	1
Silver	<0.071		0.56	0.071	mg/Kg	☼	11/18/11 15:00	11/19/11 12:57	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-33 8-10'

Lab Sample ID: WUK0363-21

Date Collected: 11/09/11 12:45

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 85.3

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0057		0.019	0.0057	mg/Kg	☼	11/21/11 08:40	11/21/11 12:12	1

Client Sample ID: B-10-11 0-2'

Lab Sample ID: WUK0363-22

Date Collected: 11/09/11 12:50

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 85.5

Method: SW 8260B - VOCs by SW8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 20:14	1.0
Bromobenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 20:14	1.0
Bromochloromethane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 20:14	1.0
Bromodichloromethane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 20:14	1.0
Bromoform	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 20:14	1.0
Bromomethane	<120		290	120	ug/kg dry	☼	11/15/11 10:57	11/15/11 20:14	1.0
n-Butylbenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 20:14	1.0
sec-Butylbenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 20:14	1.0
tert-Butylbenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 20:14	1.0
Carbon Tetrachloride	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 20:14	1.0
Chlorobenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 20:14	1.0
Chlorodibromomethane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 20:14	1.0
Chloroethane	<58		120	58	ug/kg dry	☼	11/15/11 10:57	11/15/11 20:14	1.0
Chloroform	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 20:14	1.0
Chloromethane	<58		120	58	ug/kg dry	☼	11/15/11 10:57	11/15/11 20:14	1.0
2-Chlorotoluene	<58		120	58	ug/kg dry	☼	11/15/11 10:57	11/15/11 20:14	1.0
4-Chlorotoluene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 20:14	1.0
1,2-Dibromo-3-chloropropane	<58		120	58	ug/kg dry	☼	11/15/11 10:57	11/15/11 20:14	1.0
1,2-Dibromoethane (EDB)	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 20:14	1.0
Dibromomethane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 20:14	1.0
1,2-Dichlorobenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 20:14	1.0
1,3-Dichlorobenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 20:14	1.0
1,4-Dichlorobenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 20:14	1.0
Dichlorodifluoromethane	<58		120	58	ug/kg dry	☼	11/15/11 10:57	11/15/11 20:14	1.0
1,1-Dichloroethane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 20:14	1.0
1,2-Dichloroethane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 20:14	1.0
1,1-Dichloroethene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 20:14	1.0
cis-1,2-Dichloroethene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 20:14	1.0
trans-1,2-Dichloroethene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 20:14	1.0
1,2-Dichloropropane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 20:14	1.0
1,3-Dichloropropane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 20:14	1.0
2,2-Dichloropropane	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 20:14	1.0
1,1-Dichloropropene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 20:14	1.0
cis-1,3-Dichloropropene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 20:14	1.0
trans-1,3-Dichloropropene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 20:14	1.0
Isopropyl Ether	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 20:14	1.0
Ethylbenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 20:14	1.0
Hexachlorobutadiene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 20:14	1.0
Isopropylbenzene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 20:14	1.0
p-Isopropyltoluene	<29		120	29	ug/kg dry	☼	11/15/11 10:57	11/15/11 20:14	1.0
Methylene Chloride	<58		120	58	ug/kg dry	☼	11/15/11 10:57	11/15/11 20:14	1.0

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-10-11 0-2'

Lab Sample ID: WUK0363-22

Date Collected: 11/09/11 12:50

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 85.5

Method: SW 8260B - VOCs by SW8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-Butyl Ether	<29		120	29	ug/kg dry	*	11/15/11 10:57	11/15/11 20:14	1.0
Naphthalene	<58		120	58	ug/kg dry	*	11/15/11 10:57	11/15/11 20:14	1.0
n-Propylbenzene	<29		120	29	ug/kg dry	*	11/15/11 10:57	11/15/11 20:14	1.0
Styrene	<58		120	58	ug/kg dry	*	11/15/11 10:57	11/15/11 20:14	1.0
1,1,1,2-Tetrachloroethane	<29		120	29	ug/kg dry	*	11/15/11 10:57	11/15/11 20:14	1.0
1,1,2,2-Tetrachloroethane	<29		120	29	ug/kg dry	*	11/15/11 10:57	11/15/11 20:14	1.0
Tetrachloroethene	<29		120	29	ug/kg dry	*	11/15/11 10:57	11/15/11 20:14	1.0
Toluene	<29		120	29	ug/kg dry	*	11/15/11 10:57	11/15/11 20:14	1.0
1,2,3-Trichlorobenzene	<29		120	29	ug/kg dry	*	11/15/11 10:57	11/15/11 20:14	1.0
1,2,4-Trichlorobenzene	<29		120	29	ug/kg dry	*	11/15/11 10:57	11/15/11 20:14	1.0
1,1,1-Trichloroethane	<29		120	29	ug/kg dry	*	11/15/11 10:57	11/15/11 20:14	1.0
1,1,2-Trichloroethane	<29		120	29	ug/kg dry	*	11/15/11 10:57	11/15/11 20:14	1.0
Trichloroethene	<29		120	29	ug/kg dry	*	11/15/11 10:57	11/15/11 20:14	1.0
Trichlorofluoromethane	<29		120	29	ug/kg dry	*	11/15/11 10:57	11/15/11 20:14	1.0
1,2,3-Trichloropropane	<58		120	58	ug/kg dry	*	11/15/11 10:57	11/15/11 20:14	1.0
1,2,4-Trimethylbenzene	<29		120	29	ug/kg dry	*	11/15/11 10:57	11/15/11 20:14	1.0
1,3,5-Trimethylbenzene	<29		120	29	ug/kg dry	*	11/15/11 10:57	11/15/11 20:14	1.0
Vinyl chloride	<29		120	29	ug/kg dry	*	11/15/11 10:57	11/15/11 20:14	1.0
Xylenes, total	<88		350	88	ug/kg dry	*	11/15/11 10:57	11/15/11 20:14	1.0

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane	96		80 - 120	11/15/11 10:57	11/15/11 20:14	1.0
Toluene-d8	99		80 - 120	11/15/11 10:57	11/15/11 20:14	1.0
4-Bromofluorobenzene	99		80 - 120	11/15/11 10:57	11/15/11 20:14	1.0

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.020	J	0.038	0.011	mg/Kg	*	11/20/11 22:06	11/22/11 02:16	1
Acenaphthylene	0.031	J	0.038	0.0088	mg/Kg	*	11/20/11 22:06	11/22/11 02:16	1
Anthracene	0.12		0.038	0.0090	mg/Kg	*	11/20/11 22:06	11/22/11 02:16	1
Benzo[a]anthracene	0.45		0.038	0.0080	mg/Kg	*	11/20/11 22:06	11/22/11 02:16	1
Benzo[a]pyrene	0.46		0.038	0.0070	mg/Kg	*	11/20/11 22:06	11/22/11 02:16	1
Benzo[b]fluoranthene	0.49		0.038	0.0075	mg/Kg	*	11/20/11 22:06	11/22/11 02:16	1
Benzo[g,h,i]perylene	0.31		0.038	0.013	mg/Kg	*	11/20/11 22:06	11/22/11 02:16	1
Benzo[k]fluoranthene	0.35		0.038	0.0092	mg/Kg	*	11/20/11 22:06	11/22/11 02:16	1
Chrysene	0.50		0.038	0.0087	mg/Kg	*	11/20/11 22:06	11/22/11 02:16	1
Dibenz(a,h)anthracene	0.10		0.038	0.011	mg/Kg	*	11/20/11 22:06	11/22/11 02:16	1
Fluoranthene	0.66		0.038	0.016	mg/Kg	*	11/20/11 22:06	11/22/11 02:16	1
Fluorene	0.027	J	0.038	0.0087	mg/Kg	*	11/20/11 22:06	11/22/11 02:16	1
Indeno[1,2,3-cd]pyrene	0.29		0.038	0.013	mg/Kg	*	11/20/11 22:06	11/22/11 02:16	1
Naphthalene	0.032	J	0.038	0.0074	mg/Kg	*	11/20/11 22:06	11/22/11 02:16	1
Phenanthrene	0.26		0.038	0.016	mg/Kg	*	11/20/11 22:06	11/22/11 02:16	1
Pyrene	0.56		0.038	0.014	mg/Kg	*	11/20/11 22:06	11/22/11 02:16	1
2-Methylnaphthalene	<0.050		0.19	0.050	mg/Kg	*	11/20/11 22:06	11/22/11 02:16	1
1-Methylnaphthalene	<0.019		0.038	0.019	mg/Kg	*	11/20/11 22:06	11/22/11 02:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	87		27 - 113	11/20/11 22:06	11/22/11 02:16	1
Nitrobenzene-d5	75		22 - 110	11/20/11 22:06	11/22/11 02:16	1
Terphenyl-d14	88		33 - 129	11/20/11 22:06	11/22/11 02:16	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-10-11 0-2'

Lab Sample ID: WUK0363-22

Date Collected: 11/09/11 12:50

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 85.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.069		0.19	0.069	mg/Kg	☼	11/18/11 19:46	11/21/11 13:15	10
PCB-1221	<0.15		0.19	0.15	mg/Kg	☼	11/18/11 19:46	11/21/11 13:15	10
PCB-1232	<0.075		0.19	0.075	mg/Kg	☼	11/18/11 19:46	11/21/11 13:15	10
PCB-1242	<0.092		0.19	0.092	mg/Kg	☼	11/18/11 19:46	11/21/11 13:15	10
PCB-1248	<0.070		0.19	0.070	mg/Kg	☼	11/18/11 19:46	11/21/11 13:15	10
PCB-1254	0.57		0.19	0.055	mg/Kg	☼	11/18/11 19:46	11/21/11 13:15	10
PCB-1260	0.94		0.19	0.045	mg/Kg	☼	11/18/11 19:46	11/21/11 13:15	10
Polychlorinated biphenyls, Total	1.5		0.19	0.030	mg/Kg	☼	11/18/11 19:46	11/21/11 13:15	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	134	X	28 - 124	11/18/11 19:46	11/21/11 13:15	10
DCB Decachlorobiphenyl	98		38 - 130	11/18/11 19:46	11/21/11 13:15	10

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.2		1.1	0.16	mg/Kg	☼	11/18/11 15:00	11/19/11 13:03	1
Barium	51		1.1	0.063	mg/Kg	☼	11/18/11 15:00	11/19/11 13:03	1
Cadmium	0.31		0.22	0.030	mg/Kg	☼	11/18/11 15:00	11/19/11 13:03	1
Chromium	18		1.1	0.095	mg/Kg	☼	11/18/11 15:00	11/19/11 13:03	1
Lead	14		0.56	0.27	mg/Kg	☼	11/18/11 15:00	11/19/11 13:03	1
Selenium	<0.31		1.1	0.31	mg/Kg	☼	11/18/11 15:00	11/19/11 13:03	1
Silver	<0.071		0.56	0.071	mg/Kg	☼	11/18/11 15:00	11/19/11 13:03	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.23		0.019	0.0057	mg/Kg	☼	11/21/11 08:40	11/21/11 12:14	1

Client Sample ID: B-34 0-2'

Lab Sample ID: WUK0363-23

Date Collected: 11/09/11 13:00

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 85

Method: SW 8260B - VOCs by SW8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<29		120	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 12:57	1.0
Bromobenzene	<29		120	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 12:57	1.0
Bromochloromethane	<29		120	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 12:57	1.0
Bromodichloromethane	<29		120	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 12:57	1.0
Bromoform	<29		120	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 12:57	1.0
Bromomethane	<120		290	120	ug/kg dry	☼	11/15/11 11:55	11/15/11 12:57	1.0
n-Butylbenzene	<29		120	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 12:57	1.0
sec-Butylbenzene	<29		120	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 12:57	1.0
tert-Butylbenzene	<29		120	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 12:57	1.0
Carbon Tetrachloride	<29		120	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 12:57	1.0
Chlorobenzene	<29		120	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 12:57	1.0
Chlorodibromomethane	<29		120	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 12:57	1.0
Chloroethane	<59		120	59	ug/kg dry	☼	11/15/11 11:55	11/15/11 12:57	1.0
Chloroform	<29		120	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 12:57	1.0
Chloromethane	<59		120	59	ug/kg dry	☼	11/15/11 11:55	11/15/11 12:57	1.0
2-Chlorotoluene	<59		120	59	ug/kg dry	☼	11/15/11 11:55	11/15/11 12:57	1.0
4-Chlorotoluene	<29		120	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 12:57	1.0

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-34 0-2'

Lab Sample ID: WUK0363-23

Date Collected: 11/09/11 13:00

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 85

Method: SW 8260B - VOCs by SW8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-chloropropane	<59		120	59	ug/kg dry	☼	11/15/11 11:55	11/15/11 12:57	1.0
1,2-Dibromoethane (EDB)	<29		120	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 12:57	1.0
Dibromomethane	<29		120	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 12:57	1.0
1,2-Dichlorobenzene	<29		120	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 12:57	1.0
1,3-Dichlorobenzene	<29		120	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 12:57	1.0
1,4-Dichlorobenzene	<29		120	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 12:57	1.0
Dichlorodifluoromethane	<59		120	59	ug/kg dry	☼	11/15/11 11:55	11/15/11 12:57	1.0
1,1-Dichloroethane	<29		120	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 12:57	1.0
1,2-Dichloroethane	<29		120	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 12:57	1.0
1,1-Dichloroethene	<29		120	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 12:57	1.0
cis-1,2-Dichloroethene	<29		120	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 12:57	1.0
trans-1,2-Dichloroethene	<29		120	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 12:57	1.0
1,2-Dichloropropane	<29		120	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 12:57	1.0
1,3-Dichloropropane	<29		120	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 12:57	1.0
2,2-Dichloropropane	<29		120	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 12:57	1.0
1,1-Dichloropropene	<29		120	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 12:57	1.0
cis-1,3-Dichloropropene	<29		120	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 12:57	1.0
trans-1,3-Dichloropropene	<29		120	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 12:57	1.0
Isopropyl Ether	<29		120	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 12:57	1.0
Ethylbenzene	<29		120	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 12:57	1.0
Hexachlorobutadiene	<29		120	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 12:57	1.0
Isopropylbenzene	<29		120	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 12:57	1.0
p-Isopropyltoluene	<29		120	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 12:57	1.0
Methylene Chloride	<59		120	59	ug/kg dry	☼	11/15/11 11:55	11/15/11 12:57	1.0
Methyl tert-Butyl Ether	<29		120	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 12:57	1.0
Naphthalene	240		120	59	ug/kg dry	☼	11/15/11 11:55	11/15/11 12:57	1.0
n-Propylbenzene	<29		120	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 12:57	1.0
Styrene	<59		120	59	ug/kg dry	☼	11/15/11 11:55	11/15/11 12:57	1.0
1,1,1,2-Tetrachloroethane	<29		120	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 12:57	1.0
1,1,2,2-Tetrachloroethane	<29		120	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 12:57	1.0
Tetrachloroethene	<29		120	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 12:57	1.0
Toluene	<29		120	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 12:57	1.0
1,2,3-Trichlorobenzene	<29		120	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 12:57	1.0
1,2,4-Trichlorobenzene	<29		120	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 12:57	1.0
1,1,1-Trichloroethane	<29		120	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 12:57	1.0
1,1,2-Trichloroethane	<29		120	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 12:57	1.0
Trichloroethene	<29		120	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 12:57	1.0
Trichlorofluoromethane	<29		120	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 12:57	1.0
1,2,3-Trichloropropane	<59		120	59	ug/kg dry	☼	11/15/11 11:55	11/15/11 12:57	1.0
1,2,4-Trimethylbenzene	<29		120	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 12:57	1.0
1,3,5-Trimethylbenzene	<29		120	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 12:57	1.0
Vinyl chloride	<29		120	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 12:57	1.0
Xylenes, total	<88		350	88	ug/kg dry	☼	11/15/11 11:55	11/15/11 12:57	1.0

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane	104		80 - 120	11/15/11 11:55	11/15/11 12:57	1.0
Toluene-d8	99		80 - 120	11/15/11 11:55	11/15/11 12:57	1.0
4-Bromofluorobenzene	99		80 - 120	11/15/11 11:55	11/15/11 12:57	1.0

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-34 0-2'

Lab Sample ID: WUK0363-23

Date Collected: 11/09/11 13:00

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 85.0

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	3.8		0.37	0.11	mg/Kg	☼	11/20/11 22:06	11/22/11 15:52	10
Acenaphthylene	0.13	J	0.37	0.086	mg/Kg	☼	11/20/11 22:06	11/22/11 15:52	10
Anthracene	14		0.37	0.088	mg/Kg	☼	11/20/11 22:06	11/22/11 15:52	10
Benzo[a]anthracene	26		0.37	0.078	mg/Kg	☼	11/20/11 22:06	11/22/11 15:52	10
Benzo[a]pyrene	21		0.37	0.068	mg/Kg	☼	11/20/11 22:06	11/22/11 15:52	10
Benzo[b]fluoranthene	22		0.37	0.072	mg/Kg	☼	11/20/11 22:06	11/22/11 15:52	10
Benzo[g,h,i]perylene	12		0.37	0.13	mg/Kg	☼	11/20/11 22:06	11/22/11 15:52	10
Benzo[k]fluoranthene	13		0.37	0.089	mg/Kg	☼	11/20/11 22:06	11/22/11 15:52	10
Chrysene	24		0.37	0.084	mg/Kg	☼	11/20/11 22:06	11/22/11 15:52	10
Dibenz(a,h)anthracene	5.4		0.37	0.10	mg/Kg	☼	11/20/11 22:06	11/22/11 15:52	10
Fluorene	5.5		0.37	0.085	mg/Kg	☼	11/20/11 22:06	11/22/11 15:52	10
Indeno[1,2,3-cd]pyrene	12		0.37	0.13	mg/Kg	☼	11/20/11 22:06	11/22/11 15:52	10
Naphthalene	1.1		0.37	0.072	mg/Kg	☼	11/20/11 22:06	11/22/11 15:52	10
2-Methylnaphthalene	0.49	J	1.9	0.48	mg/Kg	☼	11/20/11 22:06	11/22/11 15:52	10
1-Methylnaphthalene	0.53		0.37	0.19	mg/Kg	☼	11/20/11 22:06	11/22/11 15:52	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	92		27 - 113				11/20/11 22:06	11/22/11 15:52	10
Nitrobenzene-d5	74		22 - 110				11/20/11 22:06	11/22/11 15:52	10
Terphenyl-d14	104		33 - 129				11/20/11 22:06	11/22/11 15:52	10

Method: 8270C - Semivolatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	61		3.7	1.5	mg/Kg	☼	11/20/11 22:06	11/22/11 19:14	100
Phenanthrene	45		3.7	1.6	mg/Kg	☼	11/20/11 22:06	11/22/11 19:14	100
Pyrene	46		3.7	1.3	mg/Kg	☼	11/20/11 22:06	11/22/11 19:14	100

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0068		0.019	0.0068	mg/Kg	☼	11/18/11 19:46	11/21/11 13:29	1
PCB-1221	<0.015		0.019	0.015	mg/Kg	☼	11/18/11 19:46	11/21/11 13:29	1
PCB-1232	<0.0073		0.019	0.0073	mg/Kg	☼	11/18/11 19:46	11/21/11 13:29	1
PCB-1242	<0.0090		0.019	0.0090	mg/Kg	☼	11/18/11 19:46	11/21/11 13:29	1
PCB-1248	<0.0069		0.019	0.0069	mg/Kg	☼	11/18/11 19:46	11/21/11 13:29	1
PCB-1254	<0.0054		0.019	0.0054	mg/Kg	☼	11/18/11 19:46	11/21/11 13:29	1
PCB-1260	0.046		0.019	0.0044	mg/Kg	☼	11/18/11 19:46	11/21/11 13:29	1
Polychlorinated biphenyls, Total	0.046		0.019	0.0029	mg/Kg	☼	11/18/11 19:46	11/21/11 13:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	74		28 - 124				11/18/11 19:46	11/21/11 13:29	1
DCB Decachlorobiphenyl	101		38 - 130				11/18/11 19:46	11/21/11 13:29	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.6		1.1	0.16	mg/Kg	☼	11/20/11 15:25	11/21/11 11:26	1
Barium	57		1.1	0.063	mg/Kg	☼	11/20/11 15:25	11/21/11 11:26	1
Cadmium	0.22		0.22	0.030	mg/Kg	☼	11/20/11 15:25	11/21/11 11:26	1
Chromium	26		1.1	0.095	mg/Kg	☼	11/20/11 15:25	11/21/11 11:26	1
Lead	11	B	0.56	0.27	mg/Kg	☼	11/20/11 15:25	11/21/11 11:26	1
Selenium	<0.31		1.1	0.31	mg/Kg	☼	11/20/11 15:25	11/21/11 11:26	1
Silver	<0.070		0.56	0.070	mg/Kg	☼	11/20/11 15:25	11/21/11 11:26	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-34 0-2'

Lab Sample ID: WUK0363-23

Date Collected: 11/09/11 13:00

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 85.0

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.037		0.017	0.0052	mg/Kg	☼	11/21/11 08:40	11/21/11 12:26	1

Client Sample ID: B-09-11 0-2'

Lab Sample ID: WUK0363-24

Date Collected: 11/09/11 13:10

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 76.8

Method: SW 8260B - VOCs by SW8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<36		140	36	ug/kg dry	☼	11/15/11 11:55	11/15/11 13:26	1.1
Bromobenzene	<36		140	36	ug/kg dry	☼	11/15/11 11:55	11/15/11 13:26	1.1
Bromochloromethane	<36		140	36	ug/kg dry	☼	11/15/11 11:55	11/15/11 13:26	1.1
Bromodichloromethane	<36		140	36	ug/kg dry	☼	11/15/11 11:55	11/15/11 13:26	1.1
Bromoform	<36		140	36	ug/kg dry	☼	11/15/11 11:55	11/15/11 13:26	1.1
Bromomethane	<140		360	140	ug/kg dry	☼	11/15/11 11:55	11/15/11 13:26	1.1
n-Butylbenzene	<36		140	36	ug/kg dry	☼	11/15/11 11:55	11/15/11 13:26	1.1
sec-Butylbenzene	<36		140	36	ug/kg dry	☼	11/15/11 11:55	11/15/11 13:26	1.1
tert-Butylbenzene	<36		140	36	ug/kg dry	☼	11/15/11 11:55	11/15/11 13:26	1.1
Carbon Tetrachloride	<36		140	36	ug/kg dry	☼	11/15/11 11:55	11/15/11 13:26	1.1
Chlorobenzene	<36		140	36	ug/kg dry	☼	11/15/11 11:55	11/15/11 13:26	1.1
Chlorodibromomethane	<36		140	36	ug/kg dry	☼	11/15/11 11:55	11/15/11 13:26	1.1
Chloroethane	<72		140	72	ug/kg dry	☼	11/15/11 11:55	11/15/11 13:26	1.1
Chloroform	<36		140	36	ug/kg dry	☼	11/15/11 11:55	11/15/11 13:26	1.1
Chloromethane	<72		140	72	ug/kg dry	☼	11/15/11 11:55	11/15/11 13:26	1.1
2-Chlorotoluene	<72		140	72	ug/kg dry	☼	11/15/11 11:55	11/15/11 13:26	1.1
4-Chlorotoluene	<36		140	36	ug/kg dry	☼	11/15/11 11:55	11/15/11 13:26	1.1
1,2-Dibromo-3-chloropropane	<72		140	72	ug/kg dry	☼	11/15/11 11:55	11/15/11 13:26	1.1
1,2-Dibromoethane (EDB)	<36		140	36	ug/kg dry	☼	11/15/11 11:55	11/15/11 13:26	1.1
Dibromomethane	<36		140	36	ug/kg dry	☼	11/15/11 11:55	11/15/11 13:26	1.1
1,2-Dichlorobenzene	<36		140	36	ug/kg dry	☼	11/15/11 11:55	11/15/11 13:26	1.1
1,3-Dichlorobenzene	<36		140	36	ug/kg dry	☼	11/15/11 11:55	11/15/11 13:26	1.1
1,4-Dichlorobenzene	<36		140	36	ug/kg dry	☼	11/15/11 11:55	11/15/11 13:26	1.1
Dichlorodifluoromethane	<72		140	72	ug/kg dry	☼	11/15/11 11:55	11/15/11 13:26	1.1
1,1-Dichloroethane	<36		140	36	ug/kg dry	☼	11/15/11 11:55	11/15/11 13:26	1.1
1,2-Dichloroethane	<36		140	36	ug/kg dry	☼	11/15/11 11:55	11/15/11 13:26	1.1
1,1-Dichloroethene	<36		140	36	ug/kg dry	☼	11/15/11 11:55	11/15/11 13:26	1.1
cis-1,2-Dichloroethene	<36		140	36	ug/kg dry	☼	11/15/11 11:55	11/15/11 13:26	1.1
trans-1,2-Dichloroethene	<36		140	36	ug/kg dry	☼	11/15/11 11:55	11/15/11 13:26	1.1
1,2-Dichloropropane	<36		140	36	ug/kg dry	☼	11/15/11 11:55	11/15/11 13:26	1.1
1,3-Dichloropropane	<36		140	36	ug/kg dry	☼	11/15/11 11:55	11/15/11 13:26	1.1
2,2-Dichloropropane	<36		140	36	ug/kg dry	☼	11/15/11 11:55	11/15/11 13:26	1.1
1,1-Dichloropropene	<36		140	36	ug/kg dry	☼	11/15/11 11:55	11/15/11 13:26	1.1
cis-1,3-Dichloropropene	<36		140	36	ug/kg dry	☼	11/15/11 11:55	11/15/11 13:26	1.1
trans-1,3-Dichloropropene	<36		140	36	ug/kg dry	☼	11/15/11 11:55	11/15/11 13:26	1.1
Isopropyl Ether	<36		140	36	ug/kg dry	☼	11/15/11 11:55	11/15/11 13:26	1.1
Ethylbenzene	<36		140	36	ug/kg dry	☼	11/15/11 11:55	11/15/11 13:26	1.1
Hexachlorobutadiene	<36		140	36	ug/kg dry	☼	11/15/11 11:55	11/15/11 13:26	1.1
Isopropylbenzene	<36		140	36	ug/kg dry	☼	11/15/11 11:55	11/15/11 13:26	1.1
p-Isopropyltoluene	<36		140	36	ug/kg dry	☼	11/15/11 11:55	11/15/11 13:26	1.1
Methylene Chloride	<72		140	72	ug/kg dry	☼	11/15/11 11:55	11/15/11 13:26	1.1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-09-11 0-2'

Lab Sample ID: WUK0363-24

Date Collected: 11/09/11 13:10

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 76.8

Method: SW 8260B - VOCs by SW8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-Butyl Ether	<36		140	36	ug/kg dry	*	11/15/11 11:55	11/15/11 13:26	1.1
Naphthalene	<72		140	72	ug/kg dry	*	11/15/11 11:55	11/15/11 13:26	1.1
n-Propylbenzene	<36		140	36	ug/kg dry	*	11/15/11 11:55	11/15/11 13:26	1.1
Styrene	<72		140	72	ug/kg dry	*	11/15/11 11:55	11/15/11 13:26	1.1
1,1,1,2-Tetrachloroethane	<36		140	36	ug/kg dry	*	11/15/11 11:55	11/15/11 13:26	1.1
1,1,2,2-Tetrachloroethane	<36		140	36	ug/kg dry	*	11/15/11 11:55	11/15/11 13:26	1.1
Tetrachloroethene	<36		140	36	ug/kg dry	*	11/15/11 11:55	11/15/11 13:26	1.1
Toluene	<36		140	36	ug/kg dry	*	11/15/11 11:55	11/15/11 13:26	1.1
1,2,3-Trichlorobenzene	<36		140	36	ug/kg dry	*	11/15/11 11:55	11/15/11 13:26	1.1
1,2,4-Trichlorobenzene	<36		140	36	ug/kg dry	*	11/15/11 11:55	11/15/11 13:26	1.1
1,1,1-Trichloroethane	<36		140	36	ug/kg dry	*	11/15/11 11:55	11/15/11 13:26	1.1
1,1,2-Trichloroethane	<36		140	36	ug/kg dry	*	11/15/11 11:55	11/15/11 13:26	1.1
Trichloroethene	<36		140	36	ug/kg dry	*	11/15/11 11:55	11/15/11 13:26	1.1
Trichlorofluoromethane	<36		140	36	ug/kg dry	*	11/15/11 11:55	11/15/11 13:26	1.1
1,2,3-Trichloropropane	<72		140	72	ug/kg dry	*	11/15/11 11:55	11/15/11 13:26	1.1
1,2,4-Trimethylbenzene	<36		140	36	ug/kg dry	*	11/15/11 11:55	11/15/11 13:26	1.1
1,3,5-Trimethylbenzene	<36		140	36	ug/kg dry	*	11/15/11 11:55	11/15/11 13:26	1.1
Vinyl chloride	<36		140	36	ug/kg dry	*	11/15/11 11:55	11/15/11 13:26	1.1
Xylenes, total	<110		430	110	ug/kg dry	*	11/15/11 11:55	11/15/11 13:26	1.1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane	104		80 - 120	11/15/11 11:55	11/15/11 13:26	1.1
Toluene-d8	98		80 - 120	11/15/11 11:55	11/15/11 13:26	1.1
4-Bromofluorobenzene	99		80 - 120	11/15/11 11:55	11/15/11 13:26	1.1

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.91		0.42	0.13	mg/Kg	*	11/20/11 22:06	11/22/11 16:15	10
Acenaphthylene	0.12	J	0.42	0.097	mg/Kg	*	11/20/11 22:06	11/22/11 16:15	10
Anthracene	1.9		0.42	0.099	mg/Kg	*	11/20/11 22:06	11/22/11 16:15	10
Benzo[a]anthracene	13		0.42	0.088	mg/Kg	*	11/20/11 22:06	11/22/11 16:15	10
Benzo[a]pyrene	17		0.42	0.077	mg/Kg	*	11/20/11 22:06	11/22/11 16:15	10
Benzo[b]fluoranthene	18		0.42	0.082	mg/Kg	*	11/20/11 22:06	11/22/11 16:15	10
Benzo[g,h,i]perylene	11		0.42	0.14	mg/Kg	*	11/20/11 22:06	11/22/11 16:15	10
Benzo[k]fluoranthene	9.7		0.42	0.10	mg/Kg	*	11/20/11 22:06	11/22/11 16:15	10
Chrysene	17		0.42	0.095	mg/Kg	*	11/20/11 22:06	11/22/11 16:15	10
Dibenz(a,h)anthracene	4.4		0.42	0.12	mg/Kg	*	11/20/11 22:06	11/22/11 16:15	10
Fluoranthene	18		0.42	0.17	mg/Kg	*	11/20/11 22:06	11/22/11 16:15	10
Fluorene	0.82		0.42	0.096	mg/Kg	*	11/20/11 22:06	11/22/11 16:15	10
Indeno[1,2,3-cd]pyrene	10		0.42	0.14	mg/Kg	*	11/20/11 22:06	11/22/11 16:15	10
Naphthalene	1.6		0.42	0.081	mg/Kg	*	11/20/11 22:06	11/22/11 16:15	10
Phenanthrene	8.7		0.42	0.18	mg/Kg	*	11/20/11 22:06	11/22/11 16:15	10
Pyrene	17		0.42	0.15	mg/Kg	*	11/20/11 22:06	11/22/11 16:15	10
2-Methylnaphthalene	0.70	J	2.1	0.55	mg/Kg	*	11/20/11 22:06	11/22/11 16:15	10
1-Methylnaphthalene	0.73		0.42	0.21	mg/Kg	*	11/20/11 22:06	11/22/11 16:15	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	99		27 - 113	11/20/11 22:06	11/22/11 16:15	10
Nitrobenzene-d5	84		22 - 110	11/20/11 22:06	11/22/11 16:15	10
Terphenyl-d14	118		33 - 129	11/20/11 22:06	11/22/11 16:15	10

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-09-11 0-2'

Lab Sample ID: WUK0363-24

Date Collected: 11/09/11 13:10

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 76.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0076		0.021	0.0076	mg/Kg	☼	11/18/11 19:46	11/21/11 13:43	1
PCB-1221	<0.017		0.021	0.017	mg/Kg	☼	11/18/11 19:46	11/21/11 13:43	1
PCB-1232	<0.0082		0.021	0.0082	mg/Kg	☼	11/18/11 19:46	11/21/11 13:43	1
PCB-1242	<0.010		0.021	0.010	mg/Kg	☼	11/18/11 19:46	11/21/11 13:43	1
PCB-1248	<0.0077		0.021	0.0077	mg/Kg	☼	11/18/11 19:46	11/21/11 13:43	1
PCB-1254	<0.0061		0.021	0.0061	mg/Kg	☼	11/18/11 19:46	11/21/11 13:43	1
PCB-1260	0.011	J	0.021	0.0049	mg/Kg	☼	11/18/11 19:46	11/21/11 13:43	1
Polychlorinated biphenyls, Total	0.011	J	0.021	0.0033	mg/Kg	☼	11/18/11 19:46	11/21/11 13:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	85		28 - 124				11/18/11 19:46	11/21/11 13:43	1
DCB Decachlorobiphenyl	111		38 - 130				11/18/11 19:46	11/21/11 13:43	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.3		1.2	0.17	mg/Kg	☼	11/20/11 15:25	11/21/11 11:33	1
Barium	44		1.2	0.066	mg/Kg	☼	11/20/11 15:25	11/21/11 11:33	1
Cadmium	0.77		0.24	0.032	mg/Kg	☼	11/20/11 15:25	11/21/11 11:33	1
Chromium	15		1.2	0.10	mg/Kg	☼	11/20/11 15:25	11/21/11 11:33	1
Lead	19	B	0.59	0.28	mg/Kg	☼	11/20/11 15:25	11/21/11 11:33	1
Selenium	0.53	J	1.2	0.33	mg/Kg	☼	11/20/11 15:25	11/21/11 11:33	1
Silver	<0.075		0.59	0.075	mg/Kg	☼	11/20/11 15:25	11/21/11 11:33	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.059		0.020	0.0061	mg/Kg	☼	11/21/11 08:40	11/21/11 12:28	1

Client Sample ID: B-35 0-2'

Lab Sample ID: WUK0363-25

Date Collected: 11/09/11 13:20

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 84

Method: SW 8260B - VOCs by SW8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 13:55	1.0
Bromobenzene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 13:55	1.0
Bromochloromethane	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 13:55	1.0
Bromodichloromethane	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 13:55	1.0
Bromoform	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 13:55	1.0
Bromomethane	<120		300	120	ug/kg dry	☼	11/15/11 11:55	11/15/11 13:55	1.0
n-Butylbenzene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 13:55	1.0
sec-Butylbenzene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 13:55	1.0
tert-Butylbenzene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 13:55	1.0
Carbon Tetrachloride	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 13:55	1.0
Chlorobenzene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 13:55	1.0
Chlorodibromomethane	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 13:55	1.0
Chloroethane	<60		120	60	ug/kg dry	☼	11/15/11 11:55	11/15/11 13:55	1.0
Chloroform	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 13:55	1.0
Chloromethane	<60		120	60	ug/kg dry	☼	11/15/11 11:55	11/15/11 13:55	1.0
2-Chlorotoluene	<60		120	60	ug/kg dry	☼	11/15/11 11:55	11/15/11 13:55	1.0
4-Chlorotoluene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 13:55	1.0

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-35 0-2'

Lab Sample ID: WUK0363-25

Date Collected: 11/09/11 13:20

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 84

Method: SW 8260B - VOCs by SW8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-chloropropane	<60		120	60	ug/kg dry	☼	11/15/11 11:55	11/15/11 13:55	1.0
1,2-Dibromoethane (EDB)	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 13:55	1.0
Dibromomethane	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 13:55	1.0
1,2-Dichlorobenzene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 13:55	1.0
1,3-Dichlorobenzene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 13:55	1.0
1,4-Dichlorobenzene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 13:55	1.0
Dichlorodifluoromethane	<60		120	60	ug/kg dry	☼	11/15/11 11:55	11/15/11 13:55	1.0
1,1-Dichloroethane	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 13:55	1.0
1,2-Dichloroethane	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 13:55	1.0
1,1-Dichloroethene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 13:55	1.0
cis-1,2-Dichloroethene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 13:55	1.0
trans-1,2-Dichloroethene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 13:55	1.0
1,2-Dichloropropane	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 13:55	1.0
1,3-Dichloropropane	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 13:55	1.0
2,2-Dichloropropane	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 13:55	1.0
1,1-Dichloropropene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 13:55	1.0
cis-1,3-Dichloropropene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 13:55	1.0
trans-1,3-Dichloropropene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 13:55	1.0
Isopropyl Ether	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 13:55	1.0
Ethylbenzene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 13:55	1.0
Hexachlorobutadiene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 13:55	1.0
Isopropylbenzene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 13:55	1.0
p-Isopropyltoluene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 13:55	1.0
Methylene Chloride	<60		120	60	ug/kg dry	☼	11/15/11 11:55	11/15/11 13:55	1.0
Methyl tert-Butyl Ether	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 13:55	1.0
Naphthalene	370		120	60	ug/kg dry	☼	11/15/11 11:55	11/15/11 13:55	1.0
n-Propylbenzene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 13:55	1.0
Styrene	<60		120	60	ug/kg dry	☼	11/15/11 11:55	11/15/11 13:55	1.0
1,1,1,2-Tetrachloroethane	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 13:55	1.0
1,1,2,2-Tetrachloroethane	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 13:55	1.0
Tetrachloroethene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 13:55	1.0
Toluene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 13:55	1.0
1,2,3-Trichlorobenzene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 13:55	1.0
1,2,4-Trichlorobenzene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 13:55	1.0
1,1,1-Trichloroethane	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 13:55	1.0
1,1,2-Trichloroethane	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 13:55	1.0
Trichloroethene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 13:55	1.0
Trichlorofluoromethane	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 13:55	1.0
1,2,3-Trichloropropane	<60		120	60	ug/kg dry	☼	11/15/11 11:55	11/15/11 13:55	1.0
1,2,4-Trimethylbenzene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 13:55	1.0
1,3,5-Trimethylbenzene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 13:55	1.0
Vinyl chloride	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 13:55	1.0
Xylenes, total	<89		360	89	ug/kg dry	☼	11/15/11 11:55	11/15/11 13:55	1.0

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane	103		80 - 120	11/15/11 11:55	11/15/11 13:55	1.0
Toluene-d8	98		80 - 120	11/15/11 11:55	11/15/11 13:55	1.0
4-Bromofluorobenzene	99		80 - 120	11/15/11 11:55	11/15/11 13:55	1.0

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-35 0-2'

Lab Sample ID: WUK0363-25

Date Collected: 11/09/11 13:20

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 84.0

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.043		0.19	0.043	mg/Kg	*	11/20/11 22:06	11/22/11 17:09	1
1,2-Dichlorobenzene	<0.041		0.19	0.041	mg/Kg	*	11/20/11 22:06	11/22/11 17:09	1
1,3-Dichlorobenzene	<0.040		0.19	0.040	mg/Kg	*	11/20/11 22:06	11/22/11 17:09	1
1,4-Dichlorobenzene	<0.040		0.19	0.040	mg/Kg	*	11/20/11 22:06	11/22/11 17:09	1
2,4,5-Trichlorophenol	<0.11		0.37	0.11	mg/Kg	*	11/20/11 22:06	11/22/11 17:09	1
2,4,6-Trichlorophenol	<0.047		0.37	0.047	mg/Kg	*	11/20/11 22:06	11/22/11 17:09	1
2,4-Dichlorophenol	<0.11		0.37	0.11	mg/Kg	*	11/20/11 22:06	11/22/11 17:09	1
2,4-Dimethylphenol	<0.12		0.37	0.12	mg/Kg	*	11/20/11 22:06	11/22/11 17:09	1
2,4-Dinitrophenol	<0.19		0.76	0.19	mg/Kg	*	11/20/11 22:06	11/22/11 17:09	1
2,4-Dinitrotoluene	<0.058		0.19	0.058	mg/Kg	*	11/20/11 22:06	11/22/11 17:09	1
2,6-Dinitrotoluene	<0.045		0.19	0.045	mg/Kg	*	11/20/11 22:06	11/22/11 17:09	1
2-Chloronaphthalene	<0.042		0.19	0.042	mg/Kg	*	11/20/11 22:06	11/22/11 17:09	1
2-Chlorophenol	<0.054		0.19	0.054	mg/Kg	*	11/20/11 22:06	11/22/11 17:09	1
2-Methylnaphthalene	<0.049		0.19	0.049	mg/Kg	*	11/20/11 22:06	11/22/11 17:09	1
2-Methylphenol	<0.050		0.19	0.050	mg/Kg	*	11/20/11 22:06	11/22/11 17:09	1
2-Nitroaniline	<0.068		0.19	0.068	mg/Kg	*	11/20/11 22:06	11/22/11 17:09	1
2-Nitrophenol	<0.059		0.37	0.059	mg/Kg	*	11/20/11 22:06	11/22/11 17:09	1
3 & 4 Methylphenol	<0.071		0.19	0.071	mg/Kg	*	11/20/11 22:06	11/22/11 17:09	1
3,3'-Dichlorobenzidine	<0.031		0.19	0.031	mg/Kg	*	11/20/11 22:06	11/22/11 17:09	1
3-Nitroaniline	<0.073		0.37	0.073	mg/Kg	*	11/20/11 22:06	11/22/11 17:09	1
4,6-Dinitro-2-methylphenol	<0.091		0.37	0.091	mg/Kg	*	11/20/11 22:06	11/22/11 17:09	1
4-Bromophenyl phenyl ether	<0.042		0.19	0.042	mg/Kg	*	11/20/11 22:06	11/22/11 17:09	1
4-Chloro-3-methylphenol	<0.18 *		0.37	0.18	mg/Kg	*	11/20/11 22:06	11/22/11 17:09	1
4-Chloroaniline	<0.11		0.76	0.11	mg/Kg	*	11/20/11 22:06	11/22/11 17:09	1
4-Chlorophenyl phenyl ether	<0.059		0.19	0.059	mg/Kg	*	11/20/11 22:06	11/22/11 17:09	1
4-Nitroaniline	<0.077		0.37	0.077	mg/Kg	*	11/20/11 22:06	11/22/11 17:09	1
4-Nitrophenol	<0.20		0.76	0.20	mg/Kg	*	11/20/11 22:06	11/22/11 17:09	1
Acenaphthene	0.16		0.037	0.011	mg/Kg	*	11/20/11 22:06	11/22/11 17:09	1
Acenaphthylene	0.010 J		0.037	0.0086	mg/Kg	*	11/20/11 22:06	11/22/11 17:09	1
Anthracene	0.39		0.037	0.0088	mg/Kg	*	11/20/11 22:06	11/22/11 17:09	1
bis (2-chloroisopropyl) ether	<0.042		0.19	0.042	mg/Kg	*	11/20/11 22:06	11/22/11 17:09	1
Bis(2-chloroethoxy)methane	<0.042		0.19	0.042	mg/Kg	*	11/20/11 22:06	11/22/11 17:09	1
Bis(2-chloroethyl)ether	<0.056		0.19	0.056	mg/Kg	*	11/20/11 22:06	11/22/11 17:09	1
Bis(2-ethylhexyl) phthalate	<0.050		0.19	0.050	mg/Kg	*	11/20/11 22:06	11/22/11 17:09	1
Butyl benzyl phthalate	<0.047		0.19	0.047	mg/Kg	*	11/20/11 22:06	11/22/11 17:09	1
Carbazole	0.29		0.19	0.053	mg/Kg	*	11/20/11 22:06	11/22/11 17:09	1
Dibenz(a,h)anthracene	1.2		0.037	0.011	mg/Kg	*	11/20/11 22:06	11/22/11 17:09	1
Dibenzofuran	0.067 J		0.19	0.045	mg/Kg	*	11/20/11 22:06	11/22/11 17:09	1
Diethyl phthalate	<0.063		0.19	0.063	mg/Kg	*	11/20/11 22:06	11/22/11 17:09	1
Dimethyl phthalate	<0.047		0.19	0.047	mg/Kg	*	11/20/11 22:06	11/22/11 17:09	1
Di-n-butyl phthalate	<0.047		0.19	0.047	mg/Kg	*	11/20/11 22:06	11/22/11 17:09	1
Di-n-octyl phthalate	<0.076		0.19	0.076	mg/Kg	*	11/20/11 22:06	11/22/11 17:09	1
Fluorene	0.13		0.037	0.0085	mg/Kg	*	11/20/11 22:06	11/22/11 17:09	1
Hexachlorobenzene	<0.0074		0.076	0.0074	mg/Kg	*	11/20/11 22:06	11/22/11 17:09	1
Hexachlorobutadiene	<0.049		0.19	0.049	mg/Kg	*	11/20/11 22:06	11/22/11 17:09	1
Hexachlorocyclopentadiene	<0.17		0.76	0.17	mg/Kg	*	11/20/11 22:06	11/22/11 17:09	1
Hexachloroethane	<0.040		0.19	0.040	mg/Kg	*	11/20/11 22:06	11/22/11 17:09	1
Indeno[1,2,3-cd]pyrene	2.2		0.037	0.013	mg/Kg	*	11/20/11 22:06	11/22/11 17:09	1
Isophorone	<0.042		0.19	0.042	mg/Kg	*	11/20/11 22:06	11/22/11 17:09	1
Naphthalene	0.13		0.037	0.0072	mg/Kg	*	11/20/11 22:06	11/22/11 17:09	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-35 0-2'

Lab Sample ID: WUK0363-25

Date Collected: 11/09/11 13:20

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 84.0

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrobenzene	<0.012		0.037	0.012	mg/Kg	☼	11/20/11 22:06	11/22/11 17:09	1
N-Nitrosodimethylamine	<0.41		0.76	0.41	mg/Kg	☼	11/20/11 22:06	11/22/11 17:09	1
N-Nitrosodi-n-propylamine	<0.048		0.19	0.048	mg/Kg	☼	11/20/11 22:06	11/22/11 17:09	1
Pentachlorophenol	<0.19		0.76	0.19	mg/Kg	☼	11/20/11 22:06	11/22/11 17:09	1
Phenanthrene	1.4		0.037	0.016	mg/Kg	☼	11/20/11 22:06	11/22/11 17:09	1
Phenol	<0.060		0.19	0.060	mg/Kg	☼	11/20/11 22:06	11/22/11 17:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	99		30 - 137	11/20/11 22:06	11/22/11 17:09	1
2-Fluorobiphenyl	104		27 - 113	11/20/11 22:06	11/22/11 17:09	1
2-Fluorophenol	88		30 - 110	11/20/11 22:06	11/22/11 17:09	1
Nitrobenzene-d5	105		22 - 110	11/20/11 22:06	11/22/11 17:09	1
Phenol-d5	104		26 - 112	11/20/11 22:06	11/22/11 17:09	1
Terphenyl-d14	114		33 - 129	11/20/11 22:06	11/22/11 17:09	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	3.5		0.37	0.079	mg/Kg	☼	11/20/11 22:06	11/22/11 21:51	10
Benzo[a]pyrene	4.9		0.37	0.069	mg/Kg	☼	11/20/11 22:06	11/22/11 21:51	10
Benzo[b]fluoranthene	5.0		0.37	0.073	mg/Kg	☼	11/20/11 22:06	11/22/11 21:51	10
Benzo[g,h,i]perylene	3.4		0.37	0.13	mg/Kg	☼	11/20/11 22:06	11/22/11 21:51	10
Benzo[k]fluoranthene	2.8		0.37	0.090	mg/Kg	☼	11/20/11 22:06	11/22/11 21:51	10
Chrysene	4.2		0.37	0.085	mg/Kg	☼	11/20/11 22:06	11/22/11 21:51	10
Fluoranthene	4.2		0.37	0.15	mg/Kg	☼	11/20/11 22:06	11/22/11 21:51	10
Pyrene	4.1		0.37	0.14	mg/Kg	☼	11/20/11 22:06	11/22/11 21:51	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.013		0.037	0.013	mg/Kg	☼	11/18/11 19:46	11/21/11 13:58	2
PCB-1221	<0.030		0.037	0.030	mg/Kg	☼	11/18/11 19:46	11/21/11 13:58	2
PCB-1232	<0.015		0.037	0.015	mg/Kg	☼	11/18/11 19:46	11/21/11 13:58	2
PCB-1242	<0.018		0.037	0.018	mg/Kg	☼	11/18/11 19:46	11/21/11 13:58	2
PCB-1248	0.22		0.037	0.014	mg/Kg	☼	11/18/11 19:46	11/21/11 13:58	2
PCB-1254	0.032	J	0.037	0.011	mg/Kg	☼	11/18/11 19:46	11/21/11 13:58	2
PCB-1260	<0.0087		0.037	0.0087	mg/Kg	☼	11/18/11 19:46	11/21/11 13:58	2
Polychlorinated biphenyls, Total	0.25		0.037	0.0058	mg/Kg	☼	11/18/11 19:46	11/21/11 13:58	2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	53		28 - 124	11/18/11 19:46	11/21/11 13:58	2
DCB Decachlorobiphenyl	60		38 - 130	11/18/11 19:46	11/21/11 13:58	2

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.8		1.1	0.16	mg/Kg	☼	11/20/11 15:25	11/21/11 11:39	1
Barium	69		1.1	0.063	mg/Kg	☼	11/20/11 15:25	11/21/11 11:39	1
Cadmium	0.23		0.23	0.030	mg/Kg	☼	11/20/11 15:25	11/21/11 11:39	1
Chromium	30		1.1	0.096	mg/Kg	☼	11/20/11 15:25	11/21/11 11:39	1
Lead	12	B	0.56	0.27	mg/Kg	☼	11/20/11 15:25	11/21/11 11:39	1
Selenium	<0.32		1.1	0.32	mg/Kg	☼	11/20/11 15:25	11/21/11 11:39	1
Silver	<0.071		0.56	0.071	mg/Kg	☼	11/20/11 15:25	11/21/11 11:39	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-35 0-2'

Date Collected: 11/09/11 13:20

Date Received: 11/10/11 16:02

Lab Sample ID: WUK0363-25

**Matrix: Solid/Soil
Percent Solids: 84.0**

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.041		0.018	0.0054	mg/Kg	☼	11/21/11 08:40	11/21/11 12:30	1

Client Sample ID: B-35 4-6'

Date Collected: 11/09/11 13:30

Date Received: 11/10/11 16:02

Lab Sample ID: WUK0363-26

**Matrix: Solid/Soil
Percent Solids: 86.7**

Method: SW 8260B - VOCs by SW8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<29		120	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:24	1.0
Bromobenzene	<29		120	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:24	1.0
Bromochloromethane	<29		120	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:24	1.0
Bromodichloromethane	<29		120	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:24	1.0
Bromoform	<29		120	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:24	1.0
Bromomethane	<120		290	120	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:24	1.0
n-Butylbenzene	<29		120	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:24	1.0
sec-Butylbenzene	<29		120	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:24	1.0
tert-Butylbenzene	<29		120	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:24	1.0
Carbon Tetrachloride	<29		120	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:24	1.0
Chlorobenzene	<29		120	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:24	1.0
Chlorodibromomethane	<29		120	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:24	1.0
Chloroethane	<58		120	58	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:24	1.0
Chloroform	<29		120	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:24	1.0
Chloromethane	<58		120	58	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:24	1.0
2-Chlorotoluene	<58		120	58	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:24	1.0
4-Chlorotoluene	<29		120	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:24	1.0
1,2-Dibromo-3-chloropropane	<58		120	58	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:24	1.0
1,2-Dibromoethane (EDB)	<29		120	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:24	1.0
Dibromomethane	<29		120	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:24	1.0
1,2-Dichlorobenzene	<29		120	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:24	1.0
1,3-Dichlorobenzene	<29		120	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:24	1.0
1,4-Dichlorobenzene	<29		120	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:24	1.0
Dichlorodifluoromethane	<58		120	58	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:24	1.0
1,1-Dichloroethane	<29		120	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:24	1.0
1,2-Dichloroethane	<29		120	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:24	1.0
1,1-Dichloroethene	<29		120	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:24	1.0
cis-1,2-Dichloroethene	<29		120	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:24	1.0
trans-1,2-Dichloroethene	<29		120	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:24	1.0
1,2-Dichloropropane	<29		120	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:24	1.0
1,3-Dichloropropane	<29		120	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:24	1.0
2,2-Dichloropropane	<29		120	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:24	1.0
1,1-Dichloropropene	<29		120	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:24	1.0
cis-1,3-Dichloropropene	<29		120	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:24	1.0
trans-1,3-Dichloropropene	<29		120	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:24	1.0
Isopropyl Ether	<29		120	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:24	1.0
Ethylbenzene	<29		120	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:24	1.0
Hexachlorobutadiene	<29		120	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:24	1.0
Isopropylbenzene	<29		120	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:24	1.0
p-Isopropyltoluene	<29		120	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:24	1.0
Methylene Chloride	<58		120	58	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:24	1.0

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-35 4-6'

Lab Sample ID: WUK0363-26

Date Collected: 11/09/11 13:30

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 86.7

Method: SW 8260B - VOCs by SW8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-Butyl Ether	<29		120	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:24	1.0
Naphthalene	<58		120	58	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:24	1.0
n-Propylbenzene	<29		120	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:24	1.0
Styrene	<58		120	58	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:24	1.0
1,1,1,2-Tetrachloroethane	<29		120	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:24	1.0
1,1,2,2-Tetrachloroethane	<29		120	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:24	1.0
Tetrachloroethene	<29		120	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:24	1.0
Toluene	<29		120	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:24	1.0
1,2,3-Trichlorobenzene	<29		120	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:24	1.0
1,2,4-Trichlorobenzene	<29		120	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:24	1.0
1,1,1-Trichloroethane	<29		120	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:24	1.0
1,1,2-Trichloroethane	<29		120	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:24	1.0
Trichloroethene	<29		120	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:24	1.0
Trichlorofluoromethane	<29		120	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:24	1.0
1,2,3-Trichloropropane	<58		120	58	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:24	1.0
1,2,4-Trimethylbenzene	<29		120	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:24	1.0
1,3,5-Trimethylbenzene	<29		120	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:24	1.0
Vinyl chloride	<29		120	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:24	1.0
Xylenes, total	<87		350	87	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:24	1.0

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane	103		80 - 120	11/15/11 11:55	11/15/11 14:24	1.0
Toluene-d8	98		80 - 120	11/15/11 11:55	11/15/11 14:24	1.0
4-Bromofluorobenzene	99		80 - 120	11/15/11 11:55	11/15/11 14:24	1.0

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.042		0.19	0.042	mg/Kg	☼	11/20/11 22:06	11/22/11 17:30	1
1,2-Dichlorobenzene	<0.041		0.19	0.041	mg/Kg	☼	11/20/11 22:06	11/22/11 17:30	1
1,3-Dichlorobenzene	<0.039		0.19	0.039	mg/Kg	☼	11/20/11 22:06	11/22/11 17:30	1
1,4-Dichlorobenzene	<0.039		0.19	0.039	mg/Kg	☼	11/20/11 22:06	11/22/11 17:30	1
2,4,5-Trichlorophenol	<0.11		0.37	0.11	mg/Kg	☼	11/20/11 22:06	11/22/11 17:30	1
2,4,6-Trichlorophenol	<0.047		0.37	0.047	mg/Kg	☼	11/20/11 22:06	11/22/11 17:30	1
2,4-Dichlorophenol	<0.11		0.37	0.11	mg/Kg	☼	11/20/11 22:06	11/22/11 17:30	1
2,4-Dimethylphenol	<0.12		0.37	0.12	mg/Kg	☼	11/20/11 22:06	11/22/11 17:30	1
2,4-Dinitrophenol	<0.19		0.75	0.19	mg/Kg	☼	11/20/11 22:06	11/22/11 17:30	1
2,4-Dinitrotoluene	<0.057		0.19	0.057	mg/Kg	☼	11/20/11 22:06	11/22/11 17:30	1
2,6-Dinitrotoluene	<0.044		0.19	0.044	mg/Kg	☼	11/20/11 22:06	11/22/11 17:30	1
2-Chloronaphthalene	<0.042		0.19	0.042	mg/Kg	☼	11/20/11 22:06	11/22/11 17:30	1
2-Chlorophenol	<0.053		0.19	0.053	mg/Kg	☼	11/20/11 22:06	11/22/11 17:30	1
2-Methylnaphthalene	<0.048		0.19	0.048	mg/Kg	☼	11/20/11 22:06	11/22/11 17:30	1
2-Methylphenol	<0.049		0.19	0.049	mg/Kg	☼	11/20/11 22:06	11/22/11 17:30	1
2-Nitroaniline	<0.067		0.19	0.067	mg/Kg	☼	11/20/11 22:06	11/22/11 17:30	1
2-Nitrophenol	<0.058		0.37	0.058	mg/Kg	☼	11/20/11 22:06	11/22/11 17:30	1
3 & 4 Methylphenol	<0.070		0.19	0.070	mg/Kg	☼	11/20/11 22:06	11/22/11 17:30	1
3,3'-Dichlorobenzidine	<0.031		0.19	0.031	mg/Kg	☼	11/20/11 22:06	11/22/11 17:30	1
3-Nitroaniline	<0.072		0.37	0.072	mg/Kg	☼	11/20/11 22:06	11/22/11 17:30	1
4,6-Dinitro-2-methylphenol	<0.090		0.37	0.090	mg/Kg	☼	11/20/11 22:06	11/22/11 17:30	1
4-Bromophenyl phenyl ether	<0.042		0.19	0.042	mg/Kg	☼	11/20/11 22:06	11/22/11 17:30	1
4-Chloro-3-methylphenol	<0.18 *		0.37	0.18	mg/Kg	☼	11/20/11 22:06	11/22/11 17:30	1
4-Chloroaniline	<0.11		0.75	0.11	mg/Kg	☼	11/20/11 22:06	11/22/11 17:30	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-35 4-6'

Lab Sample ID: WUK0363-26

Date Collected: 11/09/11 13:30

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 86.7

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chlorophenyl phenyl ether	<0.059		0.19	0.059	mg/Kg	☼	11/20/11 22:06	11/22/11 17:30	1
4-Nitroaniline	<0.076		0.37	0.076	mg/Kg	☼	11/20/11 22:06	11/22/11 17:30	1
4-Nitrophenol	<0.20		0.75	0.20	mg/Kg	☼	11/20/11 22:06	11/22/11 17:30	1
Acenaphthene	<0.011		0.037	0.011	mg/Kg	☼	11/20/11 22:06	11/22/11 17:30	1
Acenaphthylene	<0.0085		0.037	0.0085	mg/Kg	☼	11/20/11 22:06	11/22/11 17:30	1
Anthracene	<0.0088		0.037	0.0088	mg/Kg	☼	11/20/11 22:06	11/22/11 17:30	1
Benzo[a]anthracene	0.10		0.037	0.0078	mg/Kg	☼	11/20/11 22:06	11/22/11 17:30	1
Benzo[a]pyrene	0.12		0.037	0.0068	mg/Kg	☼	11/20/11 22:06	11/22/11 17:30	1
Benzo[b]fluoranthene	0.16		0.037	0.0072	mg/Kg	☼	11/20/11 22:06	11/22/11 17:30	1
Benzo[g,h,i]perylene	0.096		0.037	0.013	mg/Kg	☼	11/20/11 22:06	11/22/11 17:30	1
Benzo[k]fluoranthene	0.062		0.037	0.0089	mg/Kg	☼	11/20/11 22:06	11/22/11 17:30	1
bis(2-chloroisopropyl) ether	<0.041		0.19	0.041	mg/Kg	☼	11/20/11 22:06	11/22/11 17:30	1
Bis(2-chloroethoxy)methane	<0.041		0.19	0.041	mg/Kg	☼	11/20/11 22:06	11/22/11 17:30	1
Bis(2-chloroethyl)ether	<0.055		0.19	0.055	mg/Kg	☼	11/20/11 22:06	11/22/11 17:30	1
Bis(2-ethylhexyl) phthalate	<0.049		0.19	0.049	mg/Kg	☼	11/20/11 22:06	11/22/11 17:30	1
Butyl benzyl phthalate	<0.047		0.19	0.047	mg/Kg	☼	11/20/11 22:06	11/22/11 17:30	1
Carbazole	<0.052		0.19	0.052	mg/Kg	☼	11/20/11 22:06	11/22/11 17:30	1
Chrysene	0.12		0.037	0.0084	mg/Kg	☼	11/20/11 22:06	11/22/11 17:30	1
Dibenz(a,h)anthracene	0.031 J		0.037	0.010	mg/Kg	☼	11/20/11 22:06	11/22/11 17:30	1
Dibenzofuran	<0.045		0.19	0.045	mg/Kg	☼	11/20/11 22:06	11/22/11 17:30	1
Diethyl phthalate	<0.062		0.19	0.062	mg/Kg	☼	11/20/11 22:06	11/22/11 17:30	1
Dimethyl phthalate	<0.046		0.19	0.046	mg/Kg	☼	11/20/11 22:06	11/22/11 17:30	1
Di-n-butyl phthalate	<0.047		0.19	0.047	mg/Kg	☼	11/20/11 22:06	11/22/11 17:30	1
Di-n-octyl phthalate	<0.076		0.19	0.076	mg/Kg	☼	11/20/11 22:06	11/22/11 17:30	1
Fluoranthene	0.15		0.037	0.015	mg/Kg	☼	11/20/11 22:06	11/22/11 17:30	1
Fluorene	<0.0085		0.037	0.0085	mg/Kg	☼	11/20/11 22:06	11/22/11 17:30	1
Hexachlorobenzene	<0.0073		0.075	0.0073	mg/Kg	☼	11/20/11 22:06	11/22/11 17:30	1
Hexachlorobutadiene	<0.049		0.19	0.049	mg/Kg	☼	11/20/11 22:06	11/22/11 17:30	1
Hexachlorocyclopentadiene	<0.17		0.75	0.17	mg/Kg	☼	11/20/11 22:06	11/22/11 17:30	1
Hexachloroethane	<0.040		0.19	0.040	mg/Kg	☼	11/20/11 22:06	11/22/11 17:30	1
Indeno[1,2,3-cd]pyrene	0.082		0.037	0.013	mg/Kg	☼	11/20/11 22:06	11/22/11 17:30	1
Isophorone	<0.041		0.19	0.041	mg/Kg	☼	11/20/11 22:06	11/22/11 17:30	1
Naphthalene	<0.0072		0.037	0.0072	mg/Kg	☼	11/20/11 22:06	11/22/11 17:30	1
Nitrobenzene	<0.012		0.037	0.012	mg/Kg	☼	11/20/11 22:06	11/22/11 17:30	1
N-Nitrosodimethylamine	<0.41		0.75	0.41	mg/Kg	☼	11/20/11 22:06	11/22/11 17:30	1
N-Nitrosodi-n-propylamine	<0.047		0.19	0.047	mg/Kg	☼	11/20/11 22:06	11/22/11 17:30	1
Pentachlorophenol	<0.19		0.75	0.19	mg/Kg	☼	11/20/11 22:06	11/22/11 17:30	1
Phenanthrene	0.029 J		0.037	0.016	mg/Kg	☼	11/20/11 22:06	11/22/11 17:30	1
Phenol	<0.059		0.19	0.059	mg/Kg	☼	11/20/11 22:06	11/22/11 17:30	1
Pyrene	0.12		0.037	0.013	mg/Kg	☼	11/20/11 22:06	11/22/11 17:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	37		30 - 137				11/20/11 22:06	11/22/11 17:30	1
2-Fluorobiphenyl	74		27 - 113				11/20/11 22:06	11/22/11 17:30	1
2-Fluorophenol	47		30 - 110				11/20/11 22:06	11/22/11 17:30	1
Nitrobenzene-d5	85		22 - 110				11/20/11 22:06	11/22/11 17:30	1
Phenol-d5	69		26 - 112				11/20/11 22:06	11/22/11 17:30	1
Terphenyl-d14	63		33 - 129				11/20/11 22:06	11/22/11 17:30	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-35 4-6'

Lab Sample ID: WUK0363-26

Date Collected: 11/09/11 13:30

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 86.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0068		0.019	0.0068	mg/Kg	☼	11/18/11 19:46	11/21/11 14:12	1
PCB-1221	<0.015		0.019	0.015	mg/Kg	☼	11/18/11 19:46	11/21/11 14:12	1
PCB-1232	<0.0073		0.019	0.0073	mg/Kg	☼	11/18/11 19:46	11/21/11 14:12	1
PCB-1242	<0.0090		0.019	0.0090	mg/Kg	☼	11/18/11 19:46	11/21/11 14:12	1
PCB-1248	<0.0069		0.019	0.0069	mg/Kg	☼	11/18/11 19:46	11/21/11 14:12	1
PCB-1254	<0.0054		0.019	0.0054	mg/Kg	☼	11/18/11 19:46	11/21/11 14:12	1
PCB-1260	<0.0044		0.019	0.0044	mg/Kg	☼	11/18/11 19:46	11/21/11 14:12	1
Polychlorinated biphenyls, Total	<0.0029		0.019	0.0029	mg/Kg	☼	11/18/11 19:46	11/21/11 14:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	75		28 - 124				11/18/11 19:46	11/21/11 14:12	1
DCB Decachlorobiphenyl	106		38 - 130				11/18/11 19:46	11/21/11 14:12	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.7		0.99	0.14	mg/Kg	☼	11/20/11 15:25	11/21/11 11:45	1
Barium	320		0.99	0.055	mg/Kg	☼	11/20/11 15:25	11/21/11 11:45	1
Cadmium	0.23		0.20	0.027	mg/Kg	☼	11/20/11 15:25	11/21/11 11:45	1
Chromium	9.2		0.99	0.084	mg/Kg	☼	11/20/11 15:25	11/21/11 11:45	1
Lead	3.0	B	0.49	0.24	mg/Kg	☼	11/20/11 15:25	11/21/11 11:45	1
Selenium	0.40	J	0.99	0.28	mg/Kg	☼	11/20/11 15:25	11/21/11 11:45	1
Silver	<0.062		0.49	0.062	mg/Kg	☼	11/20/11 15:25	11/21/11 11:45	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0091	J	0.018	0.0055	mg/Kg	☼	11/21/11 08:40	11/21/11 12:32	1

Client Sample ID: B-35 8-10'

Lab Sample ID: WUK0363-27

Date Collected: 11/09/11 13:40

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 84.2

Method: SW 8260B - VOCs by SW8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:52	1.0
Bromobenzene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:52	1.0
Bromochloromethane	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:52	1.0
Bromodichloromethane	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:52	1.0
Bromoform	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:52	1.0
Bromomethane	<120		300	120	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:52	1.0
n-Butylbenzene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:52	1.0
sec-Butylbenzene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:52	1.0
tert-Butylbenzene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:52	1.0
Carbon Tetrachloride	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:52	1.0
Chlorobenzene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:52	1.0
Chlorodibromomethane	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:52	1.0
Chloroethane	<59		120	59	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:52	1.0
Chloroform	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:52	1.0
Chloromethane	<59		120	59	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:52	1.0
2-Chlorotoluene	<59		120	59	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:52	1.0
4-Chlorotoluene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:52	1.0

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-35 8-10'

Lab Sample ID: WUK0363-27

Date Collected: 11/09/11 13:40

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 84.2

Method: SW 8260B - VOCs by SW8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-chloropropane	<59		120	59	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:52	1.0
1,2-Dibromoethane (EDB)	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:52	1.0
Dibromomethane	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:52	1.0
1,2-Dichlorobenzene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:52	1.0
1,3-Dichlorobenzene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:52	1.0
1,4-Dichlorobenzene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:52	1.0
Dichlorodifluoromethane	<59		120	59	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:52	1.0
1,1-Dichloroethane	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:52	1.0
1,2-Dichloroethane	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:52	1.0
1,1-Dichloroethene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:52	1.0
cis-1,2-Dichloroethene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:52	1.0
trans-1,2-Dichloroethene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:52	1.0
1,2-Dichloropropane	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:52	1.0
1,3-Dichloropropane	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:52	1.0
2,2-Dichloropropane	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:52	1.0
1,1-Dichloropropene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:52	1.0
cis-1,3-Dichloropropene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:52	1.0
trans-1,3-Dichloropropene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:52	1.0
Isopropyl Ether	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:52	1.0
Ethylbenzene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:52	1.0
Hexachlorobutadiene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:52	1.0
Isopropylbenzene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:52	1.0
p-Isopropyltoluene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:52	1.0
Methylene Chloride	<59		120	59	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:52	1.0
Methyl tert-Butyl Ether	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:52	1.0
Naphthalene	<59		120	59	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:52	1.0
n-Propylbenzene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:52	1.0
Styrene	<59		120	59	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:52	1.0
1,1,1,2-Tetrachloroethane	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:52	1.0
1,1,2,2-Tetrachloroethane	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:52	1.0
Tetrachloroethene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:52	1.0
Toluene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:52	1.0
1,2,3-Trichlorobenzene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:52	1.0
1,2,4-Trichlorobenzene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:52	1.0
1,1,1-Trichloroethane	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:52	1.0
1,1,2-Trichloroethane	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:52	1.0
Trichloroethene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:52	1.0
Trichlorofluoromethane	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:52	1.0
1,2,3-Trichloropropane	<59		120	59	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:52	1.0
1,2,4-Trimethylbenzene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:52	1.0
1,3,5-Trimethylbenzene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:52	1.0
Vinyl chloride	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:52	1.0
Xylenes, total	<89		360	89	ug/kg dry	☼	11/15/11 11:55	11/15/11 14:52	1.0

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane	102		80 - 120	11/15/11 11:55	11/15/11 14:52	1.0
Toluene-d8	98		80 - 120	11/15/11 11:55	11/15/11 14:52	1.0
4-Bromofluorobenzene	99		80 - 120	11/15/11 11:55	11/15/11 14:52	1.0

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-35 8-10'

Lab Sample ID: WUK0363-27

Date Collected: 11/09/11 13:40

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 84.2

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.043		0.19	0.043	mg/Kg	*	11/20/11 22:06	11/22/11 17:51	1
1,2-Dichlorobenzene	<0.041		0.19	0.041	mg/Kg	*	11/20/11 22:06	11/22/11 17:51	1
1,3-Dichlorobenzene	<0.040		0.19	0.040	mg/Kg	*	11/20/11 22:06	11/22/11 17:51	1
1,4-Dichlorobenzene	<0.040		0.19	0.040	mg/Kg	*	11/20/11 22:06	11/22/11 17:51	1
2,4,5-Trichlorophenol	<0.11		0.38	0.11	mg/Kg	*	11/20/11 22:06	11/22/11 17:51	1
2,4,6-Trichlorophenol	<0.047		0.38	0.047	mg/Kg	*	11/20/11 22:06	11/22/11 17:51	1
2,4-Dichlorophenol	<0.12		0.38	0.12	mg/Kg	*	11/20/11 22:06	11/22/11 17:51	1
2,4-Dimethylphenol	<0.12		0.38	0.12	mg/Kg	*	11/20/11 22:06	11/22/11 17:51	1
2,4-Dinitrophenol	<0.19		0.76	0.19	mg/Kg	*	11/20/11 22:06	11/22/11 17:51	1
2,4-Dinitrotoluene	<0.058		0.19	0.058	mg/Kg	*	11/20/11 22:06	11/22/11 17:51	1
2,6-Dinitrotoluene	<0.045		0.19	0.045	mg/Kg	*	11/20/11 22:06	11/22/11 17:51	1
2-Chloronaphthalene	<0.043		0.19	0.043	mg/Kg	*	11/20/11 22:06	11/22/11 17:51	1
2-Chlorophenol	<0.054		0.19	0.054	mg/Kg	*	11/20/11 22:06	11/22/11 17:51	1
2-Methylnaphthalene	<0.049		0.19	0.049	mg/Kg	*	11/20/11 22:06	11/22/11 17:51	1
2-Methylphenol	<0.050		0.19	0.050	mg/Kg	*	11/20/11 22:06	11/22/11 17:51	1
2-Nitroaniline	<0.068		0.19	0.068	mg/Kg	*	11/20/11 22:06	11/22/11 17:51	1
2-Nitrophenol	<0.059		0.38	0.059	mg/Kg	*	11/20/11 22:06	11/22/11 17:51	1
3 & 4 Methylphenol	<0.072		0.19	0.072	mg/Kg	*	11/20/11 22:06	11/22/11 17:51	1
3,3'-Dichlorobenzidine	<0.032		0.19	0.032	mg/Kg	*	11/20/11 22:06	11/22/11 17:51	1
3-Nitroaniline	<0.073		0.38	0.073	mg/Kg	*	11/20/11 22:06	11/22/11 17:51	1
4,6-Dinitro-2-methylphenol	<0.092		0.38	0.092	mg/Kg	*	11/20/11 22:06	11/22/11 17:51	1
4-Bromophenyl phenyl ether	<0.042		0.19	0.042	mg/Kg	*	11/20/11 22:06	11/22/11 17:51	1
4-Chloro-3-methylphenol	<0.18 *		0.38	0.18	mg/Kg	*	11/20/11 22:06	11/22/11 17:51	1
4-Chloroaniline	<0.12		0.76	0.12	mg/Kg	*	11/20/11 22:06	11/22/11 17:51	1
4-Chlorophenyl phenyl ether	<0.060		0.19	0.060	mg/Kg	*	11/20/11 22:06	11/22/11 17:51	1
4-Nitroaniline	<0.078		0.38	0.078	mg/Kg	*	11/20/11 22:06	11/22/11 17:51	1
4-Nitrophenol	<0.20		0.76	0.20	mg/Kg	*	11/20/11 22:06	11/22/11 17:51	1
Acenaphthene	<0.011		0.038	0.011	mg/Kg	*	11/20/11 22:06	11/22/11 17:51	1
Acenaphthylene	<0.0087		0.038	0.0087	mg/Kg	*	11/20/11 22:06	11/22/11 17:51	1
Anthracene	<0.0089		0.038	0.0089	mg/Kg	*	11/20/11 22:06	11/22/11 17:51	1
Benzo[a]anthracene	<0.0079		0.038	0.0079	mg/Kg	*	11/20/11 22:06	11/22/11 17:51	1
Benzo[a]pyrene	<0.0069		0.038	0.0069	mg/Kg	*	11/20/11 22:06	11/22/11 17:51	1
Benzo[b]fluoranthene	<0.0073		0.038	0.0073	mg/Kg	*	11/20/11 22:06	11/22/11 17:51	1
Benzo[g,h,i]perylene	<0.013		0.038	0.013	mg/Kg	*	11/20/11 22:06	11/22/11 17:51	1
Benzo[k]fluoranthene	<0.0090		0.038	0.0090	mg/Kg	*	11/20/11 22:06	11/22/11 17:51	1
bis (2-chloroisopropyl) ether	<0.042		0.19	0.042	mg/Kg	*	11/20/11 22:06	11/22/11 17:51	1
Bis(2-chloroethoxy)methane	<0.042		0.19	0.042	mg/Kg	*	11/20/11 22:06	11/22/11 17:51	1
Bis(2-chloroethyl)ether	<0.056		0.19	0.056	mg/Kg	*	11/20/11 22:06	11/22/11 17:51	1
Bis(2-ethylhexyl) phthalate	<0.050		0.19	0.050	mg/Kg	*	11/20/11 22:06	11/22/11 17:51	1
Butyl benzyl phthalate	<0.047		0.19	0.047	mg/Kg	*	11/20/11 22:06	11/22/11 17:51	1
Carbazole	<0.053		0.19	0.053	mg/Kg	*	11/20/11 22:06	11/22/11 17:51	1
Chrysene	<0.0085		0.038	0.0085	mg/Kg	*	11/20/11 22:06	11/22/11 17:51	1
Dibenz(a,h)anthracene	<0.011		0.038	0.011	mg/Kg	*	11/20/11 22:06	11/22/11 17:51	1
Dibenzofuran	<0.045		0.19	0.045	mg/Kg	*	11/20/11 22:06	11/22/11 17:51	1
Diethyl phthalate	<0.063		0.19	0.063	mg/Kg	*	11/20/11 22:06	11/22/11 17:51	1
Dimethyl phthalate	<0.047		0.19	0.047	mg/Kg	*	11/20/11 22:06	11/22/11 17:51	1
Di-n-butyl phthalate	<0.048		0.19	0.048	mg/Kg	*	11/20/11 22:06	11/22/11 17:51	1
Di-n-octyl phthalate	<0.077		0.19	0.077	mg/Kg	*	11/20/11 22:06	11/22/11 17:51	1
Fluoranthene	<0.015		0.038	0.015	mg/Kg	*	11/20/11 22:06	11/22/11 17:51	1
Fluorene	<0.0086		0.038	0.0086	mg/Kg	*	11/20/11 22:06	11/22/11 17:51	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-35 8-10'

Lab Sample ID: WUK0363-27

Date Collected: 11/09/11 13:40

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 84.2

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobenzene	<0.0074		0.076	0.0074	mg/Kg	☼	11/20/11 22:06	11/22/11 17:51	1
Hexachlorobutadiene	<0.050		0.19	0.050	mg/Kg	☼	11/20/11 22:06	11/22/11 17:51	1
Hexachlorocyclopentadiene	<0.18		0.76	0.18	mg/Kg	☼	11/20/11 22:06	11/22/11 17:51	1
Hexachloroethane	<0.040		0.19	0.040	mg/Kg	☼	11/20/11 22:06	11/22/11 17:51	1
Indeno[1,2,3-cd]pyrene	<0.013		0.038	0.013	mg/Kg	☼	11/20/11 22:06	11/22/11 17:51	1
Isophorone	<0.042		0.19	0.042	mg/Kg	☼	11/20/11 22:06	11/22/11 17:51	1
Naphthalene	<0.0073		0.038	0.0073	mg/Kg	☼	11/20/11 22:06	11/22/11 17:51	1
Nitrobenzene	<0.012		0.038	0.012	mg/Kg	☼	11/20/11 22:06	11/22/11 17:51	1
N-Nitrosodimethylamine	<0.41		0.76	0.41	mg/Kg	☼	11/20/11 22:06	11/22/11 17:51	1
N-Nitrosodi-n-propylamine	<0.048		0.19	0.048	mg/Kg	☼	11/20/11 22:06	11/22/11 17:51	1
Pentachlorophenol	<0.19		0.76	0.19	mg/Kg	☼	11/20/11 22:06	11/22/11 17:51	1
Phenanthrene	<0.016		0.038	0.016	mg/Kg	☼	11/20/11 22:06	11/22/11 17:51	1
Phenol	<0.060		0.19	0.060	mg/Kg	☼	11/20/11 22:06	11/22/11 17:51	1
Pyrene	<0.014		0.038	0.014	mg/Kg	☼	11/20/11 22:06	11/22/11 17:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	61		30 - 137				11/20/11 22:06	11/22/11 17:51	1
2-Fluorobiphenyl	89		27 - 113				11/20/11 22:06	11/22/11 17:51	1
2-Fluorophenol	73		30 - 110				11/20/11 22:06	11/22/11 17:51	1
Nitrobenzene-d5	106		22 - 110				11/20/11 22:06	11/22/11 17:51	1
Phenol-d5	94		26 - 112				11/20/11 22:06	11/22/11 17:51	1
Terphenyl-d14	85		33 - 129				11/20/11 22:06	11/22/11 17:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0070		0.019	0.0070	mg/Kg	☼	11/18/11 19:46	11/21/11 14:40	1
PCB-1221	<0.016		0.019	0.016	mg/Kg	☼	11/18/11 19:46	11/21/11 14:40	1
PCB-1232	<0.0076		0.019	0.0076	mg/Kg	☼	11/18/11 19:46	11/21/11 14:40	1
PCB-1242	<0.0093		0.019	0.0093	mg/Kg	☼	11/18/11 19:46	11/21/11 14:40	1
PCB-1248	<0.0071		0.019	0.0071	mg/Kg	☼	11/18/11 19:46	11/21/11 14:40	1
PCB-1254	<0.0056		0.019	0.0056	mg/Kg	☼	11/18/11 19:46	11/21/11 14:40	1
PCB-1260	<0.0045		0.019	0.0045	mg/Kg	☼	11/18/11 19:46	11/21/11 14:40	1
Polychlorinated biphenyls, Total	<0.0030		0.019	0.0030	mg/Kg	☼	11/18/11 19:46	11/21/11 14:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	71		28 - 124				11/18/11 19:46	11/21/11 14:40	1
DCB Decachlorobiphenyl	101		38 - 130				11/18/11 19:46	11/21/11 14:40	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.7		1.1	0.16	mg/Kg	☼	11/20/11 15:25	11/21/11 11:51	1
Barium	370		1.1	0.063	mg/Kg	☼	11/20/11 15:25	11/21/11 11:51	1
Cadmium	0.14	J	0.23	0.031	mg/Kg	☼	11/20/11 15:25	11/21/11 11:51	1
Chromium	9.9		1.1	0.096	mg/Kg	☼	11/20/11 15:25	11/21/11 11:51	1
Lead	3.3	B	0.57	0.27	mg/Kg	☼	11/20/11 15:25	11/21/11 11:51	1
Selenium	<0.32		1.1	0.32	mg/Kg	☼	11/20/11 15:25	11/21/11 11:51	1
Silver	<0.071		0.57	0.071	mg/Kg	☼	11/20/11 15:25	11/21/11 11:51	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.011	J	0.018	0.0056	mg/Kg	☼	11/21/11 08:40	11/21/11 12:34	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-14-11 0-2'

Lab Sample ID: WUK0363-28

Date Collected: 11/09/11 14:15

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 86

Method: SW 8260B - VOCs by SW8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<29		120	29	ug/kg dry	*	11/15/11 11:55	11/15/11 15:21	1.0
Bromobenzene	<29		120	29	ug/kg dry	*	11/15/11 11:55	11/15/11 15:21	1.0
Bromochloromethane	<29		120	29	ug/kg dry	*	11/15/11 11:55	11/15/11 15:21	1.0
Bromodichloromethane	<29		120	29	ug/kg dry	*	11/15/11 11:55	11/15/11 15:21	1.0
Bromoform	<29		120	29	ug/kg dry	*	11/15/11 11:55	11/15/11 15:21	1.0
Bromomethane	<120		290	120	ug/kg dry	*	11/15/11 11:55	11/15/11 15:21	1.0
n-Butylbenzene	<29		120	29	ug/kg dry	*	11/15/11 11:55	11/15/11 15:21	1.0
sec-Butylbenzene	<29		120	29	ug/kg dry	*	11/15/11 11:55	11/15/11 15:21	1.0
tert-Butylbenzene	<29		120	29	ug/kg dry	*	11/15/11 11:55	11/15/11 15:21	1.0
Carbon Tetrachloride	<29		120	29	ug/kg dry	*	11/15/11 11:55	11/15/11 15:21	1.0
Chlorobenzene	<29		120	29	ug/kg dry	*	11/15/11 11:55	11/15/11 15:21	1.0
Chlorodibromomethane	<29		120	29	ug/kg dry	*	11/15/11 11:55	11/15/11 15:21	1.0
Chloroethane	<58		120	58	ug/kg dry	*	11/15/11 11:55	11/15/11 15:21	1.0
Chloroform	<29		120	29	ug/kg dry	*	11/15/11 11:55	11/15/11 15:21	1.0
Chloromethane	<58		120	58	ug/kg dry	*	11/15/11 11:55	11/15/11 15:21	1.0
2-Chlorotoluene	<58		120	58	ug/kg dry	*	11/15/11 11:55	11/15/11 15:21	1.0
4-Chlorotoluene	<29		120	29	ug/kg dry	*	11/15/11 11:55	11/15/11 15:21	1.0
1,2-Dibromo-3-chloropropane	<58		120	58	ug/kg dry	*	11/15/11 11:55	11/15/11 15:21	1.0
1,2-Dibromoethane (EDB)	<29		120	29	ug/kg dry	*	11/15/11 11:55	11/15/11 15:21	1.0
Dibromomethane	<29		120	29	ug/kg dry	*	11/15/11 11:55	11/15/11 15:21	1.0
1,2-Dichlorobenzene	<29		120	29	ug/kg dry	*	11/15/11 11:55	11/15/11 15:21	1.0
1,3-Dichlorobenzene	<29		120	29	ug/kg dry	*	11/15/11 11:55	11/15/11 15:21	1.0
1,4-Dichlorobenzene	<29		120	29	ug/kg dry	*	11/15/11 11:55	11/15/11 15:21	1.0
Dichlorodifluoromethane	<58		120	58	ug/kg dry	*	11/15/11 11:55	11/15/11 15:21	1.0
1,1-Dichloroethane	<29		120	29	ug/kg dry	*	11/15/11 11:55	11/15/11 15:21	1.0
1,2-Dichloroethane	<29		120	29	ug/kg dry	*	11/15/11 11:55	11/15/11 15:21	1.0
1,1-Dichloroethene	<29		120	29	ug/kg dry	*	11/15/11 11:55	11/15/11 15:21	1.0
cis-1,2-Dichloroethene	<29		120	29	ug/kg dry	*	11/15/11 11:55	11/15/11 15:21	1.0
trans-1,2-Dichloroethene	<29		120	29	ug/kg dry	*	11/15/11 11:55	11/15/11 15:21	1.0
1,2-Dichloropropane	<29		120	29	ug/kg dry	*	11/15/11 11:55	11/15/11 15:21	1.0
1,3-Dichloropropane	<29		120	29	ug/kg dry	*	11/15/11 11:55	11/15/11 15:21	1.0
2,2-Dichloropropane	<29		120	29	ug/kg dry	*	11/15/11 11:55	11/15/11 15:21	1.0
1,1-Dichloropropene	<29		120	29	ug/kg dry	*	11/15/11 11:55	11/15/11 15:21	1.0
cis-1,3-Dichloropropene	<29		120	29	ug/kg dry	*	11/15/11 11:55	11/15/11 15:21	1.0
trans-1,3-Dichloropropene	<29		120	29	ug/kg dry	*	11/15/11 11:55	11/15/11 15:21	1.0
Isopropyl Ether	<29		120	29	ug/kg dry	*	11/15/11 11:55	11/15/11 15:21	1.0
Ethylbenzene	<29		120	29	ug/kg dry	*	11/15/11 11:55	11/15/11 15:21	1.0
Hexachlorobutadiene	<29		120	29	ug/kg dry	*	11/15/11 11:55	11/15/11 15:21	1.0
Isopropylbenzene	<29		120	29	ug/kg dry	*	11/15/11 11:55	11/15/11 15:21	1.0
p-Isopropyltoluene	<29		120	29	ug/kg dry	*	11/15/11 11:55	11/15/11 15:21	1.0
Methylene Chloride	<58		120	58	ug/kg dry	*	11/15/11 11:55	11/15/11 15:21	1.0
Methyl tert-Butyl Ether	<29		120	29	ug/kg dry	*	11/15/11 11:55	11/15/11 15:21	1.0
Naphthalene	850		120	58	ug/kg dry	*	11/15/11 11:55	11/15/11 15:21	1.0
n-Propylbenzene	<29		120	29	ug/kg dry	*	11/15/11 11:55	11/15/11 15:21	1.0
Styrene	<58		120	58	ug/kg dry	*	11/15/11 11:55	11/15/11 15:21	1.0
1,1,1,2-Tetrachloroethane	<29		120	29	ug/kg dry	*	11/15/11 11:55	11/15/11 15:21	1.0
1,1,2,2-Tetrachloroethane	<29		120	29	ug/kg dry	*	11/15/11 11:55	11/15/11 15:21	1.0
Tetrachloroethene	<29		120	29	ug/kg dry	*	11/15/11 11:55	11/15/11 15:21	1.0
Toluene	<29		120	29	ug/kg dry	*	11/15/11 11:55	11/15/11 15:21	1.0
1,2,3-Trichlorobenzene	<29		120	29	ug/kg dry	*	11/15/11 11:55	11/15/11 15:21	1.0

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-14-11 0-2'

Lab Sample ID: WUK0363-28

Date Collected: 11/09/11 14:15

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 86

Method: SW 8260B - VOCs by SW8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<29		120	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 15:21	1.0
1,1,1-Trichloroethane	<29		120	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 15:21	1.0
1,1,2-Trichloroethane	<29		120	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 15:21	1.0
Trichloroethene	<29		120	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 15:21	1.0
Trichlorofluoromethane	<29		120	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 15:21	1.0
1,2,3-Trichloropropane	<58		120	58	ug/kg dry	☼	11/15/11 11:55	11/15/11 15:21	1.0
1,2,4-Trimethylbenzene	<29		120	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 15:21	1.0
1,3,5-Trimethylbenzene	<29		120	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 15:21	1.0
Vinyl chloride	<29		120	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 15:21	1.0
Xylenes, total	<87		350	87	ug/kg dry	☼	11/15/11 11:55	11/15/11 15:21	1.0
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Dibromofluoromethane	101		80 - 120				11/15/11 11:55	11/15/11 15:21	1.0
Toluene-d8	98		80 - 120				11/15/11 11:55	11/15/11 15:21	1.0
4-Bromofluorobenzene	99		80 - 120				11/15/11 11:55	11/15/11 15:21	1.0

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	1.4		0.37	0.11	mg/Kg	☼	11/20/11 22:06	11/22/11 16:37	10
Acenaphthylene	0.42		0.37	0.086	mg/Kg	☼	11/20/11 22:06	11/22/11 16:37	10
Anthracene	3.8		0.37	0.088	mg/Kg	☼	11/20/11 22:06	11/22/11 16:37	10
Benzo[a]anthracene	15		0.37	0.078	mg/Kg	☼	11/20/11 22:06	11/22/11 16:37	10
Benzo[a]pyrene	15		0.37	0.068	mg/Kg	☼	11/20/11 22:06	11/22/11 16:37	10
Benzo[b]fluoranthene	15		0.37	0.073	mg/Kg	☼	11/20/11 22:06	11/22/11 16:37	10
Benzo[g,h,i]perylene	9.3		0.37	0.13	mg/Kg	☼	11/20/11 22:06	11/22/11 16:37	10
Benzo[k]fluoranthene	10		0.37	0.089	mg/Kg	☼	11/20/11 22:06	11/22/11 16:37	10
Chrysene	16		0.37	0.084	mg/Kg	☼	11/20/11 22:06	11/22/11 16:37	10
Dibenz(a,h)anthracene	4.1		0.37	0.10	mg/Kg	☼	11/20/11 22:06	11/22/11 16:37	10
Fluoranthene	24		0.37	0.15	mg/Kg	☼	11/20/11 22:06	11/22/11 16:37	10
Fluorene	1.5		0.37	0.085	mg/Kg	☼	11/20/11 22:06	11/22/11 16:37	10
Indeno[1,2,3-cd]pyrene	9.0		0.37	0.13	mg/Kg	☼	11/20/11 22:06	11/22/11 16:37	10
Naphthalene	3.6		0.37	0.072	mg/Kg	☼	11/20/11 22:06	11/22/11 16:37	10
Phenanthrene	12		0.37	0.16	mg/Kg	☼	11/20/11 22:06	11/22/11 16:37	10
Pyrene	19		0.37	0.14	mg/Kg	☼	11/20/11 22:06	11/22/11 16:37	10
2-Methylnaphthalene	0.77	J	1.9	0.48	mg/Kg	☼	11/20/11 22:06	11/22/11 16:37	10
1-Methylnaphthalene	0.69		0.37	0.19	mg/Kg	☼	11/20/11 22:06	11/22/11 16:37	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	84		27 - 113				11/20/11 22:06	11/22/11 16:37	10
Nitrobenzene-d5	82		22 - 110				11/20/11 22:06	11/22/11 16:37	10
Terphenyl-d14	98		33 - 129				11/20/11 22:06	11/22/11 16:37	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0066		0.018	0.0066	mg/Kg	☼	11/18/11 19:46	11/21/11 14:54	1
PCB-1221	<0.015		0.018	0.015	mg/Kg	☼	11/18/11 19:46	11/21/11 14:54	1
PCB-1232	<0.0071		0.018	0.0071	mg/Kg	☼	11/18/11 19:46	11/21/11 14:54	1
PCB-1242	<0.0088		0.018	0.0088	mg/Kg	☼	11/18/11 19:46	11/21/11 14:54	1
PCB-1248	<0.0067		0.018	0.0067	mg/Kg	☼	11/18/11 19:46	11/21/11 14:54	1
PCB-1254	0.030		0.018	0.0053	mg/Kg	☼	11/18/11 19:46	11/21/11 14:54	1
PCB-1260	<0.0043		0.018	0.0043	mg/Kg	☼	11/18/11 19:46	11/21/11 14:54	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-14-11 0-2'

Lab Sample ID: WUK0363-28

Date Collected: 11/09/11 14:15

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 86.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Polychlorinated biphenyls, Total	0.030		0.018	0.0029	mg/Kg	☼	11/18/11 19:46	11/21/11 14:54	1
<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>				<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
Tetrachloro- <i>m</i> -xylene	77		28 - 124				11/18/11 19:46	11/21/11 14:54	1
DCB Decachlorobiphenyl	98		38 - 130				11/18/11 19:46	11/21/11 14:54	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.2		1.2	0.16	mg/Kg	☼	11/20/11 15:25	11/21/11 11:57	1
Barium	52		1.2	0.065	mg/Kg	☼	11/20/11 15:25	11/21/11 11:57	1
Cadmium	0.35		0.23	0.031	mg/Kg	☼	11/20/11 15:25	11/21/11 11:57	1
Chromium	17		1.2	0.099	mg/Kg	☼	11/20/11 15:25	11/21/11 11:57	1
Lead	17	B	0.58	0.28	mg/Kg	☼	11/20/11 15:25	11/21/11 11:57	1
Selenium	<0.33		1.2	0.33	mg/Kg	☼	11/20/11 15:25	11/21/11 11:57	1
Silver	0.70		0.58	0.073	mg/Kg	☼	11/20/11 15:25	11/21/11 11:57	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.19		0.017	0.0053	mg/Kg	☼	11/21/11 08:40	11/21/11 12:36	1

Client Sample ID: B-13-11 0-2'

Lab Sample ID: WUK0363-29

Date Collected: 11/09/11 14:25

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 83.1

Method: SW 8260B - VOCs by SW8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 15:50	1.0
Bromobenzene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 15:50	1.0
Bromochloromethane	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 15:50	1.0
Bromodichloromethane	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 15:50	1.0
Bromoform	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 15:50	1.0
Bromomethane	<120		300	120	ug/kg dry	☼	11/15/11 11:55	11/15/11 15:50	1.0
n-Butylbenzene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 15:50	1.0
sec-Butylbenzene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 15:50	1.0
tert-Butylbenzene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 15:50	1.0
Carbon Tetrachloride	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 15:50	1.0
Chlorobenzene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 15:50	1.0
Chlorodibromomethane	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 15:50	1.0
Chloroethane	<60		120	60	ug/kg dry	☼	11/15/11 11:55	11/15/11 15:50	1.0
Chloroform	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 15:50	1.0
Chloromethane	<60		120	60	ug/kg dry	☼	11/15/11 11:55	11/15/11 15:50	1.0
2-Chlorotoluene	<60		120	60	ug/kg dry	☼	11/15/11 11:55	11/15/11 15:50	1.0
4-Chlorotoluene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 15:50	1.0
1,2-Dibromo-3-chloropropane	<60		120	60	ug/kg dry	☼	11/15/11 11:55	11/15/11 15:50	1.0
1,2-Dibromoethane (EDB)	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 15:50	1.0
Dibromomethane	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 15:50	1.0
1,2-Dichlorobenzene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 15:50	1.0
1,3-Dichlorobenzene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 15:50	1.0
1,4-Dichlorobenzene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 15:50	1.0
Dichlorodifluoromethane	<60		120	60	ug/kg dry	☼	11/15/11 11:55	11/15/11 15:50	1.0

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-13-11 0-2'

Lab Sample ID: WUK0363-29

Date Collected: 11/09/11 14:25

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 83.1

Method: SW 8260B - VOCs by SW8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 15:50	1.0
1,2-Dichloroethane	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 15:50	1.0
1,1-Dichloroethene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 15:50	1.0
cis-1,2-Dichloroethene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 15:50	1.0
trans-1,2-Dichloroethene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 15:50	1.0
1,2-Dichloropropane	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 15:50	1.0
1,3-Dichloropropane	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 15:50	1.0
2,2-Dichloropropane	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 15:50	1.0
1,1-Dichloropropene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 15:50	1.0
cis-1,3-Dichloropropene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 15:50	1.0
trans-1,3-Dichloropropene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 15:50	1.0
Isopropyl Ether	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 15:50	1.0
Ethylbenzene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 15:50	1.0
Hexachlorobutadiene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 15:50	1.0
Isopropylbenzene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 15:50	1.0
p-Isopropyltoluene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 15:50	1.0
Methylene Chloride	<60		120	60	ug/kg dry	☼	11/15/11 11:55	11/15/11 15:50	1.0
Methyl tert-Butyl Ether	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 15:50	1.0
Naphthalene	<60		120	60	ug/kg dry	☼	11/15/11 11:55	11/15/11 15:50	1.0
n-Propylbenzene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 15:50	1.0
Styrene	<60		120	60	ug/kg dry	☼	11/15/11 11:55	11/15/11 15:50	1.0
1,1,1,2-Tetrachloroethane	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 15:50	1.0
1,1,2,2-Tetrachloroethane	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 15:50	1.0
Tetrachloroethene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 15:50	1.0
Toluene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 15:50	1.0
1,2,3-Trichlorobenzene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 15:50	1.0
1,2,4-Trichlorobenzene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 15:50	1.0
1,1,1-Trichloroethane	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 15:50	1.0
1,1,2-Trichloroethane	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 15:50	1.0
Trichloroethene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 15:50	1.0
Trichlorofluoromethane	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 15:50	1.0
1,2,3-Trichloropropane	<60		120	60	ug/kg dry	☼	11/15/11 11:55	11/15/11 15:50	1.0
1,2,4-Trimethylbenzene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 15:50	1.0
1,3,5-Trimethylbenzene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 15:50	1.0
Vinyl chloride	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 15:50	1.0
Xylenes, total	<90		360	90	ug/kg dry	☼	11/15/11 11:55	11/15/11 15:50	1.0

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane	98		80 - 120	11/15/11 11:55	11/15/11 15:50	1.0
Toluene-d8	98		80 - 120	11/15/11 11:55	11/15/11 15:50	1.0
4-Bromofluorobenzene	98		80 - 120	11/15/11 11:55	11/15/11 15:50	1.0

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.043		0.19	0.043	mg/Kg	☼	11/20/11 22:06	11/22/11 18:12	1
1,2-Dichlorobenzene	<0.042		0.19	0.042	mg/Kg	☼	11/20/11 22:06	11/22/11 18:12	1
1,3-Dichlorobenzene	<0.040		0.19	0.040	mg/Kg	☼	11/20/11 22:06	11/22/11 18:12	1
1,4-Dichlorobenzene	<0.040		0.19	0.040	mg/Kg	☼	11/20/11 22:06	11/22/11 18:12	1
2,4,5-Trichlorophenol	<0.11		0.38	0.11	mg/Kg	☼	11/20/11 22:06	11/22/11 18:12	1
2,4,6-Trichlorophenol	<0.048		0.38	0.048	mg/Kg	☼	11/20/11 22:06	11/22/11 18:12	1
2,4-Dichlorophenol	<0.12		0.38	0.12	mg/Kg	☼	11/20/11 22:06	11/22/11 18:12	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-13-11 0-2'

Lab Sample ID: WUK0363-29

Date Collected: 11/09/11 14:25

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 83.1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dimethylphenol	<0.12		0.38	0.12	mg/Kg	☼	11/20/11 22:06	11/22/11 18:12	1
2,4-Dinitrophenol	<0.20		0.77	0.20	mg/Kg	☼	11/20/11 22:06	11/22/11 18:12	1
2,4-Dinitrotoluene	<0.059		0.19	0.059	mg/Kg	☼	11/20/11 22:06	11/22/11 18:12	1
2,6-Dinitrotoluene	<0.046		0.19	0.046	mg/Kg	☼	11/20/11 22:06	11/22/11 18:12	1
2-Chloronaphthalene	<0.043		0.19	0.043	mg/Kg	☼	11/20/11 22:06	11/22/11 18:12	1
2-Chlorophenol	<0.055		0.19	0.055	mg/Kg	☼	11/20/11 22:06	11/22/11 18:12	1
2-Methylnaphthalene	<0.050		0.19	0.050	mg/Kg	☼	11/20/11 22:06	11/22/11 18:12	1
2-Methylphenol	<0.051		0.19	0.051	mg/Kg	☼	11/20/11 22:06	11/22/11 18:12	1
2-Nitroaniline	<0.069		0.19	0.069	mg/Kg	☼	11/20/11 22:06	11/22/11 18:12	1
2-Nitrophenol	<0.060		0.38	0.060	mg/Kg	☼	11/20/11 22:06	11/22/11 18:12	1
3 & 4 Methylphenol	<0.072		0.19	0.072	mg/Kg	☼	11/20/11 22:06	11/22/11 18:12	1
3,3'-Dichlorobenzidine	<0.032		0.19	0.032	mg/Kg	☼	11/20/11 22:06	11/22/11 18:12	1
3-Nitroaniline	<0.074		0.38	0.074	mg/Kg	☼	11/20/11 22:06	11/22/11 18:12	1
4,6-Dinitro-2-methylphenol	<0.093		0.38	0.093	mg/Kg	☼	11/20/11 22:06	11/22/11 18:12	1
4-Bromophenyl phenyl ether	<0.043		0.19	0.043	mg/Kg	☼	11/20/11 22:06	11/22/11 18:12	1
4-Chloro-3-methylphenol	<0.18 *		0.38	0.18	mg/Kg	☼	11/20/11 22:06	11/22/11 18:12	1
4-Chloroaniline	<0.12		0.77	0.12	mg/Kg	☼	11/20/11 22:06	11/22/11 18:12	1
4-Chlorophenyl phenyl ether	<0.060		0.19	0.060	mg/Kg	☼	11/20/11 22:06	11/22/11 18:12	1
4-Nitroaniline	<0.078		0.38	0.078	mg/Kg	☼	11/20/11 22:06	11/22/11 18:12	1
4-Nitrophenol	<0.21		0.77	0.21	mg/Kg	☼	11/20/11 22:06	11/22/11 18:12	1
Acenaphthene	0.021	J	0.038	0.011	mg/Kg	☼	11/20/11 22:06	11/22/11 18:12	1
Acenaphthylene	<0.0088		0.038	0.0088	mg/Kg	☼	11/20/11 22:06	11/22/11 18:12	1
Anthracene	0.14		0.038	0.0090	mg/Kg	☼	11/20/11 22:06	11/22/11 18:12	1
Benzo[a]anthracene	0.23		0.038	0.0080	mg/Kg	☼	11/20/11 22:06	11/22/11 18:12	1
Benzo[a]pyrene	0.30		0.038	0.0070	mg/Kg	☼	11/20/11 22:06	11/22/11 18:12	1
Benzo[b]fluoranthene	0.36		0.038	0.0074	mg/Kg	☼	11/20/11 22:06	11/22/11 18:12	1
Benzo[g,h,i]perylene	0.22		0.038	0.013	mg/Kg	☼	11/20/11 22:06	11/22/11 18:12	1
Benzo[k]fluoranthene	0.16		0.038	0.0091	mg/Kg	☼	11/20/11 22:06	11/22/11 18:12	1
bis (2-chloroisopropyl) ether	<0.042		0.19	0.042	mg/Kg	☼	11/20/11 22:06	11/22/11 18:12	1
Bis(2-chloroethoxy)methane	<0.042		0.19	0.042	mg/Kg	☼	11/20/11 22:06	11/22/11 18:12	1
Bis(2-chloroethyl)ether	<0.057		0.19	0.057	mg/Kg	☼	11/20/11 22:06	11/22/11 18:12	1
Bis(2-ethylhexyl) phthalate	<0.051		0.19	0.051	mg/Kg	☼	11/20/11 22:06	11/22/11 18:12	1
Butyl benzyl phthalate	<0.048		0.19	0.048	mg/Kg	☼	11/20/11 22:06	11/22/11 18:12	1
Carbazole	0.055	J	0.19	0.054	mg/Kg	☼	11/20/11 22:06	11/22/11 18:12	1
Chrysene	0.29		0.038	0.0086	mg/Kg	☼	11/20/11 22:06	11/22/11 18:12	1
Dibenz(a,h)anthracene	0.073		0.038	0.011	mg/Kg	☼	11/20/11 22:06	11/22/11 18:12	1
Dibenzofuran	<0.046		0.19	0.046	mg/Kg	☼	11/20/11 22:06	11/22/11 18:12	1
Diethyl phthalate	<0.064		0.19	0.064	mg/Kg	☼	11/20/11 22:06	11/22/11 18:12	1
Dimethyl phthalate	<0.048		0.19	0.048	mg/Kg	☼	11/20/11 22:06	11/22/11 18:12	1
Di-n-butyl phthalate	<0.048		0.19	0.048	mg/Kg	☼	11/20/11 22:06	11/22/11 18:12	1
Di-n-octyl phthalate	<0.078		0.19	0.078	mg/Kg	☼	11/20/11 22:06	11/22/11 18:12	1
Fluoranthene	0.45		0.038	0.016	mg/Kg	☼	11/20/11 22:06	11/22/11 18:12	1
Fluorene	0.032	J	0.038	0.0087	mg/Kg	☼	11/20/11 22:06	11/22/11 18:12	1
Hexachlorobenzene	<0.0075		0.077	0.0075	mg/Kg	☼	11/20/11 22:06	11/22/11 18:12	1
Hexachlorobutadiene	<0.050		0.19	0.050	mg/Kg	☼	11/20/11 22:06	11/22/11 18:12	1
Hexachlorocyclopentadiene	<0.18		0.77	0.18	mg/Kg	☼	11/20/11 22:06	11/22/11 18:12	1
Hexachloroethane	<0.041		0.19	0.041	mg/Kg	☼	11/20/11 22:06	11/22/11 18:12	1
Indeno[1,2,3-cd]pyrene	0.19		0.038	0.013	mg/Kg	☼	11/20/11 22:06	11/22/11 18:12	1
Isophorone	<0.043		0.19	0.043	mg/Kg	☼	11/20/11 22:06	11/22/11 18:12	1
Naphthalene	0.079		0.038	0.0074	mg/Kg	☼	11/20/11 22:06	11/22/11 18:12	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-13-11 0-2'

Lab Sample ID: WUK0363-29

Date Collected: 11/09/11 14:25

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 83.1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrobenzene	<0.012		0.038	0.012	mg/Kg	☼	11/20/11 22:06	11/22/11 18:12	1
N-Nitrosodimethylamine	<0.42		0.77	0.42	mg/Kg	☼	11/20/11 22:06	11/22/11 18:12	1
N-Nitrosodi-n-propylamine	<0.049		0.19	0.049	mg/Kg	☼	11/20/11 22:06	11/22/11 18:12	1
Pentachlorophenol	<0.19		0.77	0.19	mg/Kg	☼	11/20/11 22:06	11/22/11 18:12	1
Phenanthrene	0.19		0.038	0.016	mg/Kg	☼	11/20/11 22:06	11/22/11 18:12	1
Phenol	<0.061		0.19	0.061	mg/Kg	☼	11/20/11 22:06	11/22/11 18:12	1
Pyrene	0.32		0.038	0.014	mg/Kg	☼	11/20/11 22:06	11/22/11 18:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	63		30 - 137				11/20/11 22:06	11/22/11 18:12	1
2-Fluorobiphenyl	92		27 - 113				11/20/11 22:06	11/22/11 18:12	1
2-Fluorophenol	80		30 - 110				11/20/11 22:06	11/22/11 18:12	1
Nitrobenzene-d5	98		22 - 110				11/20/11 22:06	11/22/11 18:12	1
Phenol-d5	89		26 - 112				11/20/11 22:06	11/22/11 18:12	1
Terphenyl-d14	82		33 - 129				11/20/11 22:06	11/22/11 18:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.71		2.0	0.71	mg/Kg	☼	11/18/11 19:46	11/22/11 09:54	100
PCB-1221	<1.6		2.0	1.6	mg/Kg	☼	11/18/11 19:46	11/22/11 09:54	100
PCB-1232	<0.76		2.0	0.76	mg/Kg	☼	11/18/11 19:46	11/22/11 09:54	100
PCB-1242	<0.94		2.0	0.94	mg/Kg	☼	11/18/11 19:46	11/22/11 09:54	100
PCB-1248	9.8		2.0	0.72	mg/Kg	☼	11/18/11 19:46	11/22/11 09:54	100
PCB-1254	5.3		2.0	0.56	mg/Kg	☼	11/18/11 19:46	11/22/11 09:54	100
PCB-1260	<0.46		2.0	0.46	mg/Kg	☼	11/18/11 19:46	11/22/11 09:54	100
Polychlorinated biphenyls, Total	15		2.0	0.31	mg/Kg	☼	11/18/11 19:46	11/22/11 09:54	100
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	0	D	28 - 124				11/18/11 19:46	11/22/11 09:54	100
DCB Decachlorobiphenyl	0	D	38 - 130				11/18/11 19:46	11/22/11 09:54	100

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.4		1.1	0.15	mg/Kg	☼	11/20/11 15:25	11/21/11 12:04	1
Barium	56		1.1	0.062	mg/Kg	☼	11/20/11 15:25	11/21/11 12:04	1
Cadmium	0.45		0.22	0.030	mg/Kg	☼	11/20/11 15:25	11/21/11 12:04	1
Chromium	19		1.1	0.094	mg/Kg	☼	11/20/11 15:25	11/21/11 12:04	1
Lead	11	B	0.55	0.27	mg/Kg	☼	11/20/11 15:25	11/21/11 12:04	1
Selenium	<0.31		1.1	0.31	mg/Kg	☼	11/20/11 15:25	11/21/11 12:04	1
Silver	<0.070		0.55	0.070	mg/Kg	☼	11/20/11 15:25	11/21/11 12:04	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.016	J	0.018	0.0054	mg/Kg	☼	11/21/11 08:40	11/21/11 12:38	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-08-11 0-2'

Lab Sample ID: WUK0363-30

Date Collected: 11/09/11 14:55

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 78.5

Method: SW 8260B - VOCs by SW8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<32		130	32	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:19	1.0
Bromobenzene	<32		130	32	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:19	1.0
Bromochloromethane	<32		130	32	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:19	1.0
Bromodichloromethane	<32		130	32	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:19	1.0
Bromoform	<32		130	32	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:19	1.0
Bromomethane	<130		320	130	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:19	1.0
n-Butylbenzene	<32		130	32	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:19	1.0
sec-Butylbenzene	<32		130	32	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:19	1.0
tert-Butylbenzene	<32		130	32	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:19	1.0
Carbon Tetrachloride	<32		130	32	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:19	1.0
Chlorobenzene	<32		130	32	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:19	1.0
Chlorodibromomethane	<32		130	32	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:19	1.0
Chloroethane	<64		130	64	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:19	1.0
Chloroform	<32		130	32	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:19	1.0
Chloromethane	<64		130	64	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:19	1.0
2-Chlorotoluene	<64		130	64	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:19	1.0
4-Chlorotoluene	<32		130	32	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:19	1.0
1,2-Dibromo-3-chloropropane	<64		130	64	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:19	1.0
1,2-Dibromoethane (EDB)	<32		130	32	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:19	1.0
Dibromomethane	<32		130	32	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:19	1.0
1,2-Dichlorobenzene	<32		130	32	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:19	1.0
1,3-Dichlorobenzene	<32		130	32	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:19	1.0
1,4-Dichlorobenzene	<32		130	32	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:19	1.0
Dichlorodifluoromethane	<64		130	64	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:19	1.0
1,1-Dichloroethane	<32		130	32	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:19	1.0
1,2-Dichloroethane	<32		130	32	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:19	1.0
1,1-Dichloroethene	<32		130	32	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:19	1.0
cis-1,2-Dichloroethene	<32		130	32	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:19	1.0
trans-1,2-Dichloroethene	<32		130	32	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:19	1.0
1,2-Dichloropropane	<32		130	32	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:19	1.0
1,3-Dichloropropane	<32		130	32	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:19	1.0
2,2-Dichloropropane	<32		130	32	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:19	1.0
1,1-Dichloropropene	<32		130	32	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:19	1.0
cis-1,3-Dichloropropene	<32		130	32	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:19	1.0
trans-1,3-Dichloropropene	<32		130	32	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:19	1.0
Isopropyl Ether	<32		130	32	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:19	1.0
Ethylbenzene	<32		130	32	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:19	1.0
Hexachlorobutadiene	<32		130	32	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:19	1.0
Isopropylbenzene	<32		130	32	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:19	1.0
p-Isopropyltoluene	<32		130	32	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:19	1.0
Methylene Chloride	<64		130	64	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:19	1.0
Methyl tert-Butyl Ether	<32		130	32	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:19	1.0
Naphthalene	390		130	64	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:19	1.0
n-Propylbenzene	<32		130	32	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:19	1.0
Styrene	<64		130	64	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:19	1.0
1,1,1,2-Tetrachloroethane	<32		130	32	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:19	1.0
1,1,2,2-Tetrachloroethane	<32		130	32	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:19	1.0
Tetrachloroethene	<32		130	32	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:19	1.0
Toluene	<32		130	32	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:19	1.0
1,2,3-Trichlorobenzene	<32		130	32	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:19	1.0

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-08-11 0-2'

Lab Sample ID: WUK0363-30

Date Collected: 11/09/11 14:55

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 78.5

Method: SW 8260B - VOCs by SW8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<32		130	32	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:19	1.0
1,1,1-Trichloroethane	<32		130	32	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:19	1.0
1,1,2-Trichloroethane	<32		130	32	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:19	1.0
Trichloroethene	<32		130	32	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:19	1.0
Trichlorofluoromethane	<32		130	32	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:19	1.0
1,2,3-Trichloropropane	<64		130	64	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:19	1.0
1,2,4-Trimethylbenzene	<32		130	32	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:19	1.0
1,3,5-Trimethylbenzene	<32		130	32	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:19	1.0
Vinyl chloride	<32		130	32	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:19	1.0
Xylenes, total	<96		380	96	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:19	1.0
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Dibromofluoromethane	96		80 - 120				11/15/11 11:55	11/15/11 16:19	1.0
Toluene-d8	98		80 - 120				11/15/11 11:55	11/15/11 16:19	1.0
4-Bromofluorobenzene	99		80 - 120				11/15/11 11:55	11/15/11 16:19	1.0

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	24		2.0	0.60	mg/Kg	☼	11/20/11 22:06	11/22/11 17:00	50
Acenaphthylene	<0.46		2.0	0.46	mg/Kg	☼	11/20/11 22:06	11/22/11 17:00	50
Anthracene	64		2.0	0.47	mg/Kg	☼	11/20/11 22:06	11/22/11 17:00	50
Dibenz(a,h)anthracene	57		2.0	0.56	mg/Kg	☼	11/20/11 22:06	11/22/11 17:00	50
Fluorene	21		2.0	0.45	mg/Kg	☼	11/20/11 22:06	11/22/11 17:00	50
Indeno[1,2,3-cd]pyrene	150		2.0	0.67	mg/Kg	☼	11/20/11 22:06	11/22/11 17:00	50
Naphthalene	16		2.0	0.38	mg/Kg	☼	11/20/11 22:06	11/22/11 17:00	50
2-Methylnaphthalene	4.6 J		10	2.6	mg/Kg	☼	11/20/11 22:06	11/22/11 17:00	50
1-Methylnaphthalene	4.6		2.0	0.99	mg/Kg	☼	11/20/11 22:06	11/22/11 17:00	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	0	D	27 - 113				11/20/11 22:06	11/22/11 17:00	50
Nitrobenzene-d5	0	D	22 - 110				11/20/11 22:06	11/22/11 17:00	50
Terphenyl-d14	0	D	33 - 129				11/20/11 22:06	11/22/11 17:00	50

Method: 8270C - Semivolatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	280		20	4.2	mg/Kg	☼	11/20/11 22:06	11/22/11 17:22	500
Benzo[a]pyrene	350		20	3.6	mg/Kg	☼	11/20/11 22:06	11/22/11 17:22	500
Benzo[b]fluoranthene	340		20	3.9	mg/Kg	☼	11/20/11 22:06	11/22/11 17:22	500
Benzo[g,h,i]perylene	210		20	6.7	mg/Kg	☼	11/20/11 22:06	11/22/11 17:22	500
Benzo[k]fluoranthene	260		20	4.8	mg/Kg	☼	11/20/11 22:06	11/22/11 17:22	500
Chrysene	350		20	4.5	mg/Kg	☼	11/20/11 22:06	11/22/11 17:22	500
Fluoranthene	550		20	8.2	mg/Kg	☼	11/20/11 22:06	11/22/11 17:22	500
Phenanthrene	290		20	8.4	mg/Kg	☼	11/20/11 22:06	11/22/11 17:22	500
Pyrene	430		20	7.2	mg/Kg	☼	11/20/11 22:06	11/22/11 17:22	500

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0075		0.021	0.0075	mg/Kg	☼	11/18/11 19:46	11/21/11 15:23	1
PCB-1221	<0.017		0.021	0.017	mg/Kg	☼	11/18/11 19:46	11/21/11 15:23	1
PCB-1232	<0.0082		0.021	0.0082	mg/Kg	☼	11/18/11 19:46	11/21/11 15:23	1
PCB-1242	<0.010		0.021	0.010	mg/Kg	☼	11/18/11 19:46	11/21/11 15:23	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-08-11 0-2'

Lab Sample ID: WUK0363-30

Date Collected: 11/09/11 14:55

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 78.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	0.31		0.021	0.0077	mg/Kg	☼	11/18/11 19:46	11/21/11 15:23	1
PCB-1254	0.28		0.021	0.0060	mg/Kg	☼	11/18/11 19:46	11/21/11 15:23	1
PCB-1260	<0.0049		0.021	0.0049	mg/Kg	☼	11/18/11 19:46	11/21/11 15:23	1
Polychlorinated biphenyls, Total	0.59		0.021	0.0033	mg/Kg	☼	11/18/11 19:46	11/21/11 15:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	72		28 - 124				11/18/11 19:46	11/21/11 15:23	1
DCB Decachlorobiphenyl	105		38 - 130				11/18/11 19:46	11/21/11 15:23	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	14		1.2	0.17	mg/Kg	☼	11/20/11 15:25	11/21/11 12:10	1
Barium	120		1.2	0.069	mg/Kg	☼	11/20/11 15:25	11/21/11 12:10	1
Cadmium	5.5		0.25	0.033	mg/Kg	☼	11/20/11 15:25	11/21/11 12:10	1
Chromium	350		1.2	0.10	mg/Kg	☼	11/20/11 15:25	11/21/11 12:10	1
Lead	160	B V	0.61	0.29	mg/Kg	☼	11/20/11 15:25	11/21/11 12:10	1
Selenium	<0.34		1.2	0.34	mg/Kg	☼	11/20/11 15:25	11/21/11 12:10	1
Silver	0.80		0.61	0.077	mg/Kg	☼	11/20/11 15:25	11/21/11 12:10	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.28		0.019	0.0059	mg/Kg	☼	11/21/11 08:40	11/21/11 12:40	1

Client Sample ID: B-07-11 0-2'

Lab Sample ID: WUK0363-31

Date Collected: 11/09/11 15:05

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 76.4

Method: SW 8260B - VOCs by SW8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<33		130	33	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:48	1.0
Bromobenzene	<33		130	33	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:48	1.0
Bromochloromethane	<33		130	33	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:48	1.0
Bromodichloromethane	<33		130	33	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:48	1.0
Bromoform	<33		130	33	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:48	1.0
Bromomethane	<130		330	130	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:48	1.0
n-Butylbenzene	<33		130	33	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:48	1.0
sec-Butylbenzene	<33		130	33	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:48	1.0
tert-Butylbenzene	<33		130	33	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:48	1.0
Carbon Tetrachloride	<33		130	33	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:48	1.0
Chlorobenzene	<33		130	33	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:48	1.0
Chlorodibromomethane	<33		130	33	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:48	1.0
Chloroethane	<65		130	65	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:48	1.0
Chloroform	<33		130	33	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:48	1.0
Chloromethane	<65		130	65	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:48	1.0
2-Chlorotoluene	<65		130	65	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:48	1.0
4-Chlorotoluene	<33		130	33	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:48	1.0
1,2-Dibromo-3-chloropropane	<65		130	65	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:48	1.0
1,2-Dibromoethane (EDB)	<33		130	33	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:48	1.0
Dibromomethane	<33		130	33	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:48	1.0
1,2-Dichlorobenzene	<33		130	33	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:48	1.0

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-07-11 0-2'

Lab Sample ID: WUK0363-31

Date Collected: 11/09/11 15:05

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 76.4

Method: SW 8260B - VOCs by SW8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	<33		130	33	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:48	1.0
1,4-Dichlorobenzene	<33		130	33	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:48	1.0
Dichlorodifluoromethane	<65		130	65	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:48	1.0
1,1-Dichloroethane	<33		130	33	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:48	1.0
1,2-Dichloroethane	<33		130	33	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:48	1.0
1,1-Dichloroethene	<33		130	33	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:48	1.0
cis-1,2-Dichloroethene	<33		130	33	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:48	1.0
trans-1,2-Dichloroethene	<33		130	33	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:48	1.0
1,2-Dichloropropane	<33		130	33	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:48	1.0
1,3-Dichloropropane	<33		130	33	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:48	1.0
2,2-Dichloropropane	<33		130	33	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:48	1.0
1,1-Dichloropropene	<33		130	33	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:48	1.0
cis-1,3-Dichloropropene	<33		130	33	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:48	1.0
trans-1,3-Dichloropropene	<33		130	33	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:48	1.0
Isopropyl Ether	<33		130	33	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:48	1.0
Ethylbenzene	<33		130	33	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:48	1.0
Hexachlorobutadiene	<33		130	33	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:48	1.0
Isopropylbenzene	<33		130	33	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:48	1.0
p-Isopropyltoluene	<33		130	33	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:48	1.0
Methylene Chloride	<65		130	65	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:48	1.0
Methyl tert-Butyl Ether	<33		130	33	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:48	1.0
Naphthalene	<65		130	65	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:48	1.0
n-Propylbenzene	<33		130	33	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:48	1.0
Styrene	<65		130	65	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:48	1.0
1,1,1,2-Tetrachloroethane	<33		130	33	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:48	1.0
1,1,1,2,2-Tetrachloroethane	<33		130	33	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:48	1.0
Tetrachloroethene	<33		130	33	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:48	1.0
Toluene	<33		130	33	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:48	1.0
1,2,3-Trichlorobenzene	<33		130	33	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:48	1.0
1,2,4-Trichlorobenzene	<33		130	33	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:48	1.0
1,1,1-Trichloroethane	<33		130	33	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:48	1.0
1,1,2-Trichloroethane	<33		130	33	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:48	1.0
Trichloroethene	<33		130	33	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:48	1.0
Trichlorofluoromethane	<33		130	33	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:48	1.0
1,2,3-Trichloropropane	<65		130	65	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:48	1.0
1,2,4-Trimethylbenzene	<33		130	33	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:48	1.0
1,3,5-Trimethylbenzene	<33		130	33	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:48	1.0
Vinyl chloride	<33		130	33	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:48	1.0
Xylenes, total	<98		390	98	ug/kg dry	☼	11/15/11 11:55	11/15/11 16:48	1.0

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane	95		80 - 120	11/15/11 11:55	11/15/11 16:48	1.0
Toluene-d8	98		80 - 120	11/15/11 11:55	11/15/11 16:48	1.0
4-Bromofluorobenzene	99		80 - 120	11/15/11 11:55	11/15/11 16:48	1.0

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.013		0.043	0.013	mg/Kg	☼	11/20/11 22:06	11/22/11 01:54	1
Acenaphthylene	<0.0099		0.043	0.0099	mg/Kg	☼	11/20/11 22:06	11/22/11 01:54	1
Anthracene	0.019	J	0.043	0.010	mg/Kg	☼	11/20/11 22:06	11/22/11 01:54	1
Benzo[a]anthracene	0.13		0.043	0.0090	mg/Kg	☼	11/20/11 22:06	11/22/11 01:54	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-07-11 0-2'

Lab Sample ID: WUK0363-31

Date Collected: 11/09/11 15:05

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 76.4

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	0.17		0.043	0.0078	mg/Kg	☼	11/20/11 22:06	11/22/11 01:54	1
Benzo[b]fluoranthene	0.16		0.043	0.0083	mg/Kg	☼	11/20/11 22:06	11/22/11 01:54	1
Benzo[g,h,i]perylene	0.11		0.043	0.014	mg/Kg	☼	11/20/11 22:06	11/22/11 01:54	1
Benzo[k]fluoranthene	0.13		0.043	0.010	mg/Kg	☼	11/20/11 22:06	11/22/11 01:54	1
Chrysene	0.15		0.043	0.0097	mg/Kg	☼	11/20/11 22:06	11/22/11 01:54	1
Dibenz(a,h)anthracene	0.030	J	0.043	0.012	mg/Kg	☼	11/20/11 22:06	11/22/11 01:54	1
Fluoranthene	0.19		0.043	0.018	mg/Kg	☼	11/20/11 22:06	11/22/11 01:54	1
Fluorene	<0.0098		0.043	0.0098	mg/Kg	☼	11/20/11 22:06	11/22/11 01:54	1
Indeno[1,2,3-cd]pyrene	0.099		0.043	0.014	mg/Kg	☼	11/20/11 22:06	11/22/11 01:54	1
Naphthalene	<0.0083		0.043	0.0083	mg/Kg	☼	11/20/11 22:06	11/22/11 01:54	1
Phenanthrene	0.069		0.043	0.018	mg/Kg	☼	11/20/11 22:06	11/22/11 01:54	1
Pyrene	0.18		0.043	0.016	mg/Kg	☼	11/20/11 22:06	11/22/11 01:54	1
2-Methylnaphthalene	<0.056		0.22	0.056	mg/Kg	☼	11/20/11 22:06	11/22/11 01:54	1
1-Methylnaphthalene	<0.021		0.043	0.021	mg/Kg	☼	11/20/11 22:06	11/22/11 01:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	93		27 - 113				11/20/11 22:06	11/22/11 01:54	1
Nitrobenzene-d5	90		22 - 110				11/20/11 22:06	11/22/11 01:54	1
Terphenyl-d14	109		33 - 129				11/20/11 22:06	11/22/11 01:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0076		0.021	0.0076	mg/Kg	☼	11/18/11 19:46	11/21/11 15:37	1
PCB-1221	<0.017		0.021	0.017	mg/Kg	☼	11/18/11 19:46	11/21/11 15:37	1
PCB-1232	<0.0083		0.021	0.0083	mg/Kg	☼	11/18/11 19:46	11/21/11 15:37	1
PCB-1242	<0.010		0.021	0.010	mg/Kg	☼	11/18/11 19:46	11/21/11 15:37	1
PCB-1248	<0.0078		0.021	0.0078	mg/Kg	☼	11/18/11 19:46	11/21/11 15:37	1
PCB-1254	<0.0061		0.021	0.0061	mg/Kg	☼	11/18/11 19:46	11/21/11 15:37	1
PCB-1260	<0.0050		0.021	0.0050	mg/Kg	☼	11/18/11 19:46	11/21/11 15:37	1
Polychlorinated biphenyls, Total	<0.0033		0.021	0.0033	mg/Kg	☼	11/18/11 19:46	11/21/11 15:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	87		28 - 124				11/18/11 19:46	11/21/11 15:37	1
DCB Decachlorobiphenyl	116		38 - 130				11/18/11 19:46	11/21/11 15:37	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.9		1.2	0.17	mg/Kg	☼	11/20/11 15:25	11/21/11 12:55	1
Barium	110		1.2	0.067	mg/Kg	☼	11/20/11 15:25	11/21/11 12:55	1
Cadmium	0.14	J	0.24	0.032	mg/Kg	☼	11/20/11 15:25	11/21/11 12:55	1
Chromium	33		1.2	0.10	mg/Kg	☼	11/20/11 15:25	11/21/11 12:55	1
Lead	12	B	0.60	0.29	mg/Kg	☼	11/20/11 15:25	11/21/11 12:55	1
Selenium	0.36	J	1.2	0.33	mg/Kg	☼	11/20/11 15:25	11/21/11 12:55	1
Silver	<0.075		0.60	0.075	mg/Kg	☼	11/20/11 15:25	11/21/11 12:55	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.026		0.020	0.0061	mg/Kg	☼	11/21/11 08:40	11/21/11 12:41	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: TB-2

Lab Sample ID: WUK0363-32

Date Collected: 11/09/11 00:00

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Method: SW 8260B - VOCs by SW8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<25		100	25	ug/kg wet		11/15/11 11:55	11/15/11 17:16	1.0
Bromobenzene	<25		100	25	ug/kg wet		11/15/11 11:55	11/15/11 17:16	1.0
Bromochloromethane	<25		100	25	ug/kg wet		11/15/11 11:55	11/15/11 17:16	1.0
Bromodichloromethane	<25		100	25	ug/kg wet		11/15/11 11:55	11/15/11 17:16	1.0
Bromoform	<25		100	25	ug/kg wet		11/15/11 11:55	11/15/11 17:16	1.0
Bromomethane	<100		250	100	ug/kg wet		11/15/11 11:55	11/15/11 17:16	1.0
n-Butylbenzene	<25		100	25	ug/kg wet		11/15/11 11:55	11/15/11 17:16	1.0
sec-Butylbenzene	<25		100	25	ug/kg wet		11/15/11 11:55	11/15/11 17:16	1.0
tert-Butylbenzene	<25		100	25	ug/kg wet		11/15/11 11:55	11/15/11 17:16	1.0
Carbon Tetrachloride	<25		100	25	ug/kg wet		11/15/11 11:55	11/15/11 17:16	1.0
Chlorobenzene	<25		100	25	ug/kg wet		11/15/11 11:55	11/15/11 17:16	1.0
Chlorodibromomethane	<25		100	25	ug/kg wet		11/15/11 11:55	11/15/11 17:16	1.0
Chloroethane	<50		100	50	ug/kg wet		11/15/11 11:55	11/15/11 17:16	1.0
Chloroform	<25		100	25	ug/kg wet		11/15/11 11:55	11/15/11 17:16	1.0
Chloromethane	<50		100	50	ug/kg wet		11/15/11 11:55	11/15/11 17:16	1.0
2-Chlorotoluene	<50		100	50	ug/kg wet		11/15/11 11:55	11/15/11 17:16	1.0
4-Chlorotoluene	<25		100	25	ug/kg wet		11/15/11 11:55	11/15/11 17:16	1.0
1,2-Dibromo-3-chloropropane	<50		100	50	ug/kg wet		11/15/11 11:55	11/15/11 17:16	1.0
1,2-Dibromoethane (EDB)	<25		100	25	ug/kg wet		11/15/11 11:55	11/15/11 17:16	1.0
Dibromomethane	<25		100	25	ug/kg wet		11/15/11 11:55	11/15/11 17:16	1.0
1,2-Dichlorobenzene	<25		100	25	ug/kg wet		11/15/11 11:55	11/15/11 17:16	1.0
1,3-Dichlorobenzene	<25		100	25	ug/kg wet		11/15/11 11:55	11/15/11 17:16	1.0
1,4-Dichlorobenzene	<25		100	25	ug/kg wet		11/15/11 11:55	11/15/11 17:16	1.0
Dichlorodifluoromethane	<50		100	50	ug/kg wet		11/15/11 11:55	11/15/11 17:16	1.0
1,1-Dichloroethane	<25		100	25	ug/kg wet		11/15/11 11:55	11/15/11 17:16	1.0
1,2-Dichloroethane	<25		100	25	ug/kg wet		11/15/11 11:55	11/15/11 17:16	1.0
1,1-Dichloroethene	<25		100	25	ug/kg wet		11/15/11 11:55	11/15/11 17:16	1.0
cis-1,2-Dichloroethene	<25		100	25	ug/kg wet		11/15/11 11:55	11/15/11 17:16	1.0
trans-1,2-Dichloroethene	<25		100	25	ug/kg wet		11/15/11 11:55	11/15/11 17:16	1.0
1,2-Dichloropropane	<25		100	25	ug/kg wet		11/15/11 11:55	11/15/11 17:16	1.0
1,3-Dichloropropane	<25		100	25	ug/kg wet		11/15/11 11:55	11/15/11 17:16	1.0
2,2-Dichloropropane	<25		100	25	ug/kg wet		11/15/11 11:55	11/15/11 17:16	1.0
1,1-Dichloropropene	<25		100	25	ug/kg wet		11/15/11 11:55	11/15/11 17:16	1.0
cis-1,3-Dichloropropene	<25		100	25	ug/kg wet		11/15/11 11:55	11/15/11 17:16	1.0
trans-1,3-Dichloropropene	<25		100	25	ug/kg wet		11/15/11 11:55	11/15/11 17:16	1.0
Isopropyl Ether	<25		100	25	ug/kg wet		11/15/11 11:55	11/15/11 17:16	1.0
Ethylbenzene	<25		100	25	ug/kg wet		11/15/11 11:55	11/15/11 17:16	1.0
Hexachlorobutadiene	<25		100	25	ug/kg wet		11/15/11 11:55	11/15/11 17:16	1.0
Isopropylbenzene	<25		100	25	ug/kg wet		11/15/11 11:55	11/15/11 17:16	1.0
p-Isopropyltoluene	<25		100	25	ug/kg wet		11/15/11 11:55	11/15/11 17:16	1.0
Methylene Chloride	<50		100	50	ug/kg wet		11/15/11 11:55	11/15/11 17:16	1.0
Methyl tert-Butyl Ether	<25		100	25	ug/kg wet		11/15/11 11:55	11/15/11 17:16	1.0
Naphthalene	<50		100	50	ug/kg wet		11/15/11 11:55	11/15/11 17:16	1.0
n-Propylbenzene	<25		100	25	ug/kg wet		11/15/11 11:55	11/15/11 17:16	1.0
Styrene	<50		100	50	ug/kg wet		11/15/11 11:55	11/15/11 17:16	1.0
1,1,1,2-Tetrachloroethane	<25		100	25	ug/kg wet		11/15/11 11:55	11/15/11 17:16	1.0
1,1,2,2-Tetrachloroethane	<25		100	25	ug/kg wet		11/15/11 11:55	11/15/11 17:16	1.0
Tetrachloroethene	<25		100	25	ug/kg wet		11/15/11 11:55	11/15/11 17:16	1.0
Toluene	<25		100	25	ug/kg wet		11/15/11 11:55	11/15/11 17:16	1.0
1,2,3-Trichlorobenzene	<25		100	25	ug/kg wet		11/15/11 11:55	11/15/11 17:16	1.0

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: TB-2

Lab Sample ID: WUK0363-32

Date Collected: 11/09/11 00:00

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Method: SW 8260B - VOCs by SW8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<25		100	25	ug/kg wet		11/15/11 11:55	11/15/11 17:16	1.0
1,1,1-Trichloroethane	<25		100	25	ug/kg wet		11/15/11 11:55	11/15/11 17:16	1.0
1,1,2-Trichloroethane	<25		100	25	ug/kg wet		11/15/11 11:55	11/15/11 17:16	1.0
Trichloroethene	<25		100	25	ug/kg wet		11/15/11 11:55	11/15/11 17:16	1.0
Trichlorofluoromethane	<25		100	25	ug/kg wet		11/15/11 11:55	11/15/11 17:16	1.0
1,2,3-Trichloropropane	<50		100	50	ug/kg wet		11/15/11 11:55	11/15/11 17:16	1.0
1,2,4-Trimethylbenzene	<25		100	25	ug/kg wet		11/15/11 11:55	11/15/11 17:16	1.0
1,3,5-Trimethylbenzene	<25		100	25	ug/kg wet		11/15/11 11:55	11/15/11 17:16	1.0
Vinyl chloride	<25		100	25	ug/kg wet		11/15/11 11:55	11/15/11 17:16	1.0
Xylenes, total	<75		300	75	ug/kg wet		11/15/11 11:55	11/15/11 17:16	1.0
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Dibromofluoromethane	93		80 - 120				11/15/11 11:55	11/15/11 17:16	1.0
Toluene-d8	98		80 - 120				11/15/11 11:55	11/15/11 17:16	1.0
4-Bromofluorobenzene	98		80 - 120				11/15/11 11:55	11/15/11 17:16	1.0

Surrogate Summary

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Method: SW 8260B - VOCs by SW8260B

Matrix: Solid/Soil

Prep Type: Total

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		DBFM (80-120)	TOL (80-120)	BFB (80-120)
11K0150-BLK1	Method Blank	100	100	97
11K0150-BS1	Lab Control Sample	100	100	99
11K0156-BLK1	Method Blank	101	99	100
11K0156-BS1	Lab Control Sample	101	100	98
11K0171-BLK1	Method Blank	104	98	99
11K0171-BS1	Lab Control Sample	106	99	100
11K0172-BLK1	Method Blank	101	97	99
11K0172-BS1	Lab Control Sample	100	99	100
11K0189-BLK1	Method Blank	98	100	99
11K0189-BS1	Lab Control Sample	99	99	100
11K0210-BLK1	Method Blank	97	99	98
11K0210-BS1	Lab Control Sample	99	99	98
WUK0363-01	B-27 0-2'	97	98	98
WUK0363-02	B-27 4-6'	81	100	96
WUK0363-03	B-27 8-10'	98	99	100
WUK0363-04	B-04-11 0-2'	97	100	99
WUK0363-05	B-28 0-2'	97	99	99
WUK0363-06	B-28 4-6'	100	99	99
WUK0363-07	B-28 8-10'	97	100	100
WUK0363-08	B-29 0-2'	98	99	98
WUK0363-09	B-29 4-6'	100	98	99
WUK0363-10	B-29 8-10'	98	100	99
WUK0363-11	B-30 0-2'	100	98	99
WUK0363-12	B-30 4-6'	97	99	100
WUK0363-13	B-30 8-10'	100	98	99
WUK0363-14	B-31 0-2'	97	99	98
WUK0363-15	B-31 4-6'	97	99	98
WUK0363-15 - RE1	B-31 4-6'	97	99	100
WUK0363-16	B-31 8-10'	99	99	99
WUK0363-16 - RE1	B-31 8-10'	100	98	98
WUK0363-17	B-32 0-2'	98	99	99
WUK0363-17 - RE1	B-32 0-2'	97	100	98
WUK0363-18 - RE1	B-12-11 0-2'	99	99	100
WUK0363-19	B-33 0-2'	99	98	100
WUK0363-19 - RE1	B-33 0-2'	101	98	98
WUK0363-20	B-33 4-6'	99	98	100
WUK0363-21	B-33 8-10'	101	98	99
WUK0363-22	B-10-11 0-2'	96	99	99
WUK0363-23	B-34 0-2'	104	99	99
WUK0363-24	B-09-11 0-2'	104	98	99
WUK0363-25	B-35 0-2'	103	98	99
WUK0363-26	B-35 4-6'	103	98	99
WUK0363-27	B-35 8-10'	102	98	99
WUK0363-28	B-14-11 0-2'	101	98	99
WUK0363-29	B-13-11 0-2'	98	98	98
WUK0363-30	B-08-11 0-2'	96	98	99
WUK0363-31	B-07-11 0-2'	95	98	99
WUK0363-32	TB-2	93	98	98

Surrogate Legend

DBFM = Dibromofluoromethane

Surrogate Summary

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

TOL = Toluene-d8
BFB = 4-Bromofluorobenzene

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (30-137)	2FP (30-110)	FBP (27-113)	NBZ (22-110)	PHL (26-112)	TPH (33-129)
500-42095-1 MS	WUK0363-01	89	70	85	84	74	100
500-42095-1 MSD	WUK0363-01	99	67	82	79	73	88
500-42095-22 MS	WUK0363-22			82	77		92
500-42095-22 MSD	WUK0363-22			90	83		97
LCS 500-133299/2-A	Lab Control Sample	85	77	91	93	76	90
LCS 500-133388/2-A	Lab Control Sample	98	89	106	108	91	100
MB 500-133299/1-A	Method Blank	58	72	80	86	77	74
MB 500-133388/1-A	Method Blank	80	81	95	102	90	88

Surrogate Legend

TBP = 2,4,6-Tribromophenol
2FP = 2-Fluorophenol
FBP = 2-Fluorobiphenyl
NBZ = Nitrobenzene-d5
PHL = Phenol-d5
TPH = Terphenyl-d14

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid/Soil

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (30-137)	FBP (27-113)	2FP (30-110)	NBZ (22-110)	PHL (26-112)	TPH (33-129)
WUK0363-01	B-27 0-2'	70	61	49	60	56	65
WUK0363-02	B-27 4-6'	74	90	75	98	87	85
WUK0363-03	B-27 8-10'	89	80	71	87	82	78
WUK0363-04	B-04-11 0-2'		79		78		95
WUK0363-05	B-28 0-2'		76		72		108
WUK0363-06	B-28 4-6'		68		66		95
WUK0363-07	B-28 8-10'		70		68		90
WUK0363-08	B-29 0-2'		71		69		83
WUK0363-09	B-29 4-6'		77		74		98
WUK0363-10	B-29 8-10'		76		77		92
WUK0363-11	B-30 0-2'		74		72		95
WUK0363-12	B-30 4-6'		78		76		95
WUK0363-13	B-30 8-10'		74		74		86
WUK0363-14	B-31 0-2'		82		68		87
WUK0363-15	B-31 4-6'		62		67		124
WUK0363-15 - DL	B-31 4-6'		0 D		0 D		0 D
WUK0363-16	B-31 8-10'		0 D		0 D		0 D
WUK0363-17	B-32 0-2'		69		61		88
WUK0363-18	B-12-11 0-2'		98		78		230 X
WUK0363-18 - DL	B-12-11 0-2'		0 D		0 D		0 D
WUK0363-19	B-33 0-2'		82		66		100
WUK0363-20	B-33 4-6'		67		66		81
WUK0363-21	B-33 8-10'		84		80		88
WUK0363-22	B-10-11 0-2'		87		75		88
WUK0363-23	B-34 0-2'		92		74		104

Surrogate Summary

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Matrix: Solid/Soil

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (30-137)	FBP (27-113)	2FP (30-110)	NBZ (22-110)	PHL (26-112)	TPH (33-129)
WUK0363-23 - DL	B-34 0-2'		0 D		0 D		0 D
WUK0363-24	B-09-11 0-2'		99		84		118
WUK0363-25	B-35 0-2'	99	104	88	105	104	114
WUK0363-25 - DL	B-35 0-2'	62	99	104	78	111	114
WUK0363-26	B-35 4-6'	37	74	47	85	69	63
WUK0363-27	B-35 8-10'	61	89	73	106	94	85
WUK0363-28	B-14-11 0-2'		84		82		98
WUK0363-29	B-13-11 0-2'	63	92	80	98	89	82
WUK0363-30	B-08-11 0-2'		0 D		0 D		0 D
WUK0363-30 - DL	B-08-11 0-2'		0 D		0 D		0 D
WUK0363-31	B-07-11 0-2'		93		90		109

Surrogate Legend

TBP = 2,4,6-Tribromophenol
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol
NBZ = Nitrobenzene-d5
PHL = Phenol-d5
TPH = Terphenyl-d14

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		TCX2 (28-124)	DCB2 (38-130)
500-42095-4 MS	WUK0363-04	80	82
500-42095-4 MSD	WUK0363-04	83	91
LCS 500-133259/2-A	Lab Control Sample	87	91
MB 500-133259/1-A	Method Blank	63	89

Surrogate Legend

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		TCX1 (28-124)	DCB1 (38-130)
LCS 500-133260/3-A	Lab Control Sample	78	98
MB 500-133260/1-A	Method Blank	76	97

Surrogate Legend

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

Surrogate Summary

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

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

Matrix: Solid/Soil

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		TCX1 (28-124)	DCB1 (38-130)
WUK0363-01	B-27 0-2'	22 X	24 X
WUK0363-14	B-31 0-2'	0 D	0 D
WUK0363-16	B-31 8-10'	90	123
WUK0363-17	B-32 0-2'	76	85
WUK0363-18	B-12-11 0-2'	78	103
WUK0363-19	B-33 0-2'	97	119
WUK0363-21	B-33 8-10'	0 D	0 D
WUK0363-22	B-10-11 0-2'	134 X	98
WUK0363-23	B-34 0-2'	74	101
WUK0363-24	B-09-11 0-2'	85	111
WUK0363-25	B-35 0-2'	53	60
WUK0363-26	B-35 4-6'	75	106
WUK0363-27	B-35 8-10'	71	101
WUK0363-28	B-14-11 0-2'	77	98
WUK0363-29	B-13-11 0-2'	0 D	0 D
WUK0363-30	B-08-11 0-2'	72	105
WUK0363-31	B-07-11 0-2'	87	116

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCB = DCB Decachlorobiphenyl

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

Matrix: Solid/Soil

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		TCX2 (28-124)	DCB2 (38-130)
WUK0363-02	B-27 4-6'	82	81
WUK0363-03	B-27 8-10'	89	89
WUK0363-04	B-04-11 0-2'	86	91
WUK0363-05	B-28 0-2'	78	85
WUK0363-06	B-28 4-6'	75	83
WUK0363-07	B-28 8-10'	79	83
WUK0363-08	B-29 0-2'	76	81
WUK0363-09	B-29 4-6'	71	80
WUK0363-10	B-29 8-10'	65	84
WUK0363-11	B-30 0-2'	69	88
WUK0363-12	B-30 4-6'	61	81
WUK0363-13	B-30 8-10'	67	83
WUK0363-15	B-31 4-6'	60	103
WUK0363-20	B-33 4-6'	87	109

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCB = DCB Decachlorobiphenyl

QC Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Method: SW 8260B - VOCs by SW8260B

Lab Sample ID: 11K0150-BLK1

Matrix: Solid/Soil

Analysis Batch: U001379

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 11K0150_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<25		100	25	ug/kg wet		11/14/11 09:17	11/14/11 12:38	1.00
Bromobenzene	<25		100	25	ug/kg wet		11/14/11 09:17	11/14/11 12:38	1.00
Bromochloromethane	<25		100	25	ug/kg wet		11/14/11 09:17	11/14/11 12:38	1.00
Bromodichloromethane	<25		100	25	ug/kg wet		11/14/11 09:17	11/14/11 12:38	1.00
Bromoform	<25		100	25	ug/kg wet		11/14/11 09:17	11/14/11 12:38	1.00
Bromomethane	<100		250	100	ug/kg wet		11/14/11 09:17	11/14/11 12:38	1.00
n-Butylbenzene	<25		100	25	ug/kg wet		11/14/11 09:17	11/14/11 12:38	1.00
sec-Butylbenzene	<25		100	25	ug/kg wet		11/14/11 09:17	11/14/11 12:38	1.00
tert-Butylbenzene	<25		100	25	ug/kg wet		11/14/11 09:17	11/14/11 12:38	1.00
Carbon Tetrachloride	<25		100	25	ug/kg wet		11/14/11 09:17	11/14/11 12:38	1.00
Chlorobenzene	<25		100	25	ug/kg wet		11/14/11 09:17	11/14/11 12:38	1.00
Chlorodibromomethane	<25		100	25	ug/kg wet		11/14/11 09:17	11/14/11 12:38	1.00
Chloroethane	<50		100	50	ug/kg wet		11/14/11 09:17	11/14/11 12:38	1.00
Chloroform	<25		100	25	ug/kg wet		11/14/11 09:17	11/14/11 12:38	1.00
Chloromethane	<50		100	50	ug/kg wet		11/14/11 09:17	11/14/11 12:38	1.00
2-Chlorotoluene	<50		100	50	ug/kg wet		11/14/11 09:17	11/14/11 12:38	1.00
4-Chlorotoluene	<25		100	25	ug/kg wet		11/14/11 09:17	11/14/11 12:38	1.00
1,2-Dibromo-3-chloropropane	<50		100	50	ug/kg wet		11/14/11 09:17	11/14/11 12:38	1.00
1,2-Dibromoethane (EDB)	<25		100	25	ug/kg wet		11/14/11 09:17	11/14/11 12:38	1.00
Dibromomethane	<25		100	25	ug/kg wet		11/14/11 09:17	11/14/11 12:38	1.00
1,2-Dichlorobenzene	<25		100	25	ug/kg wet		11/14/11 09:17	11/14/11 12:38	1.00
1,3-Dichlorobenzene	<25		100	25	ug/kg wet		11/14/11 09:17	11/14/11 12:38	1.00
1,4-Dichlorobenzene	<25		100	25	ug/kg wet		11/14/11 09:17	11/14/11 12:38	1.00
Dichlorodifluoromethane	<50		100	50	ug/kg wet		11/14/11 09:17	11/14/11 12:38	1.00
1,1-Dichloroethane	<25		100	25	ug/kg wet		11/14/11 09:17	11/14/11 12:38	1.00
1,2-Dichloroethane	<25		100	25	ug/kg wet		11/14/11 09:17	11/14/11 12:38	1.00
1,1-Dichloroethene	<25		100	25	ug/kg wet		11/14/11 09:17	11/14/11 12:38	1.00
cis-1,2-Dichloroethene	<25		100	25	ug/kg wet		11/14/11 09:17	11/14/11 12:38	1.00
trans-1,2-Dichloroethene	<25		100	25	ug/kg wet		11/14/11 09:17	11/14/11 12:38	1.00
1,2-Dichloropropane	<25		100	25	ug/kg wet		11/14/11 09:17	11/14/11 12:38	1.00
1,3-Dichloropropane	<25		100	25	ug/kg wet		11/14/11 09:17	11/14/11 12:38	1.00
2,2-Dichloropropane	<25		100	25	ug/kg wet		11/14/11 09:17	11/14/11 12:38	1.00
1,1-Dichloropropene	<25		100	25	ug/kg wet		11/14/11 09:17	11/14/11 12:38	1.00
cis-1,3-Dichloropropene	<25		100	25	ug/kg wet		11/14/11 09:17	11/14/11 12:38	1.00
trans-1,3-Dichloropropene	<25		100	25	ug/kg wet		11/14/11 09:17	11/14/11 12:38	1.00
Isopropyl Ether	<25		100	25	ug/kg wet		11/14/11 09:17	11/14/11 12:38	1.00
Ethylbenzene	<25		100	25	ug/kg wet		11/14/11 09:17	11/14/11 12:38	1.00
Hexachlorobutadiene	<25		100	25	ug/kg wet		11/14/11 09:17	11/14/11 12:38	1.00
Isopropylbenzene	<25		100	25	ug/kg wet		11/14/11 09:17	11/14/11 12:38	1.00
p-Isopropyltoluene	<25		100	25	ug/kg wet		11/14/11 09:17	11/14/11 12:38	1.00
Methylene Chloride	<50		100	50	ug/kg wet		11/14/11 09:17	11/14/11 12:38	1.00
Methyl tert-Butyl Ether	<25		100	25	ug/kg wet		11/14/11 09:17	11/14/11 12:38	1.00
Naphthalene	<50		100	50	ug/kg wet		11/14/11 09:17	11/14/11 12:38	1.00
n-Propylbenzene	<25		100	25	ug/kg wet		11/14/11 09:17	11/14/11 12:38	1.00
Styrene	<50		100	50	ug/kg wet		11/14/11 09:17	11/14/11 12:38	1.00
1,1,1,2-Tetrachloroethane	<25		100	25	ug/kg wet		11/14/11 09:17	11/14/11 12:38	1.00
1,1,2,2-Tetrachloroethane	<25		100	25	ug/kg wet		11/14/11 09:17	11/14/11 12:38	1.00
Tetrachloroethene	<25		100	25	ug/kg wet		11/14/11 09:17	11/14/11 12:38	1.00
Toluene	<25		100	25	ug/kg wet		11/14/11 09:17	11/14/11 12:38	1.00

QC Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Method: SW 8260B - VOCs by SW8260B (Continued)

Lab Sample ID: 11K0150-BLK1
Matrix: Solid/Soil
Analysis Batch: U001379

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 11K0150_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<25		100	25	ug/kg wet		11/14/11 09:17	11/14/11 12:38	1.00
1,2,4-Trichlorobenzene	<25		100	25	ug/kg wet		11/14/11 09:17	11/14/11 12:38	1.00
1,1,1-Trichloroethane	<25		100	25	ug/kg wet		11/14/11 09:17	11/14/11 12:38	1.00
1,1,2-Trichloroethane	<25		100	25	ug/kg wet		11/14/11 09:17	11/14/11 12:38	1.00
Trichloroethene	<25		100	25	ug/kg wet		11/14/11 09:17	11/14/11 12:38	1.00
Trichlorofluoromethane	<25		100	25	ug/kg wet		11/14/11 09:17	11/14/11 12:38	1.00
1,2,3-Trichloropropane	<50		100	50	ug/kg wet		11/14/11 09:17	11/14/11 12:38	1.00
1,2,4-Trimethylbenzene	<25		100	25	ug/kg wet		11/14/11 09:17	11/14/11 12:38	1.00
1,3,5-Trimethylbenzene	<25		100	25	ug/kg wet		11/14/11 09:17	11/14/11 12:38	1.00
Vinyl chloride	<25		100	25	ug/kg wet		11/14/11 09:17	11/14/11 12:38	1.00
Xylenes, total	<75		300	75	ug/kg wet		11/14/11 09:17	11/14/11 12:38	1.00

Surrogate	Blank %Recovery	Blank Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane	100		80 - 120	11/14/11 09:17	11/14/11 12:38	1.00
Toluene-d8	100		80 - 120	11/14/11 09:17	11/14/11 12:38	1.00
4-Bromofluorobenzene	97		80 - 120	11/14/11 09:17	11/14/11 12:38	1.00

Lab Sample ID: 11K0150-BS1
Matrix: Solid/Soil
Analysis Batch: U001379

Client Sample ID: Lab Control Sample
Prep Type: Total
Prep Batch: 11K0150_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Benzene	2500.0	2400		ug/kg		96	80 - 120
Bromobenzene	2500.0	2340		ug/kg		94	80 - 120
Bromochloromethane	2500.0	2360		ug/kg		94	80 - 120
Bromodichloromethane	2500.0	2370		ug/kg		95	80 - 120
Bromoform	2500.0	2190		ug/kg		88	80 - 120
Bromomethane	2500.0	2590		ug/kg		103	60 - 140
n-Butylbenzene	2500.0	2490		ug/kg		100	80 - 120
sec-Butylbenzene	2500.0	2470		ug/kg		99	80 - 120
tert-Butylbenzene	2500.0	2470		ug/kg		99	80 - 120
Carbon Tetrachloride	2500.0	2440		ug/kg		98	60 - 140
Chlorobenzene	2500.0	2400		ug/kg		96	80 - 120
Chlorodibromomethane	2500.0	2320		ug/kg		93	80 - 120
Chloroethane	2500.0	2770		ug/kg		111	60 - 140
Chloroform	2500.0	2360		ug/kg		95	80 - 120
Chloromethane	2500.0	2480		ug/kg		99	60 - 140
2-Chlorotoluene	2500.0	2450		ug/kg		98	80 - 120
4-Chlorotoluene	2500.0	2420		ug/kg		97	80 - 120
1,2-Dibromo-3-chloropropane	2500.0	1810		ug/kg		73	60 - 140
1,2-Dibromoethane (EDB)	2500.0	2160		ug/kg		86	80 - 120
Dibromomethane	2500.0	2250		ug/kg		90	80 - 120
1,2-Dichlorobenzene	2500.0	2310		ug/kg		92	80 - 120
1,3-Dichlorobenzene	2500.0	2440		ug/kg		98	80 - 120
1,4-Dichlorobenzene	2500.0	2370		ug/kg		95	80 - 120
Dichlorodifluoromethane	2500.0	2200		ug/kg		88	60 - 140
1,1-Dichloroethane	2500.0	2340		ug/kg		94	80 - 120
1,2-Dichloroethane	2500.0	2210		ug/kg		89	80 - 120
1,1-Dichloroethene	2500.0	2340		ug/kg		94	80 - 120

QC Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Method: SW 8260B - VOCs by SW8260B (Continued)

Lab Sample ID: 11K0150-BS1

Matrix: Solid/Soil

Analysis Batch: U001379

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 11K0150_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.
							Limits
cis-1,2-Dichloroethene	2500.0	2370		ug/kg		95	80 - 120
trans-1,2-Dichloroethene	2500.0	2400		ug/kg		96	80 - 120
1,2-Dichloropropane	2500.0	2340		ug/kg		94	80 - 120
1,3-Dichloropropane	2500.0	2170		ug/kg		87	80 - 120
2,2-Dichloropropane	2500.0	2460		ug/kg		98	60 - 140
1,1-Dichloropropene	2500.0	2330		ug/kg		93	80 - 120
cis-1,3-Dichloropropene	2500.0	2360		ug/kg		94	80 - 120
trans-1,3-Dichloropropene	2500.0	2250		ug/kg		90	80 - 120
Isopropyl Ether	2500.0	2190		ug/kg		88	80 - 120
Ethylbenzene	2500.0	2400		ug/kg		96	80 - 120
Hexachlorobutadiene	2500.0	2360		ug/kg		95	60 - 140
Isopropylbenzene	2500.0	2460		ug/kg		98	80 - 120
p-Isopropyltoluene	2500.0	2440		ug/kg		98	80 - 120
Methylene Chloride	2500.0	2420		ug/kg		97	80 - 120
Methyl tert-Butyl Ether	2500.0	2020		ug/kg		81	80 - 120
Naphthalene	2500.0	1880		ug/kg		75	60 - 140
n-Propylbenzene	2500.0	2480		ug/kg		99	80 - 120
Styrene	2500.0	2420		ug/kg		97	80 - 120
1,1,1,2-Tetrachloroethane	2500.0	2380		ug/kg		95	80 - 120
1,1,1,2,2-Tetrachloroethane	2500.0	1890		ug/kg		76	80 - 120
Tetrachloroethene	2500.0	2410		ug/kg		96	80 - 120
Toluene	2500.0	2290		ug/kg		92	80 - 120
1,2,3-Trichlorobenzene	2500.0	2140		ug/kg		86	80 - 120
1,2,4-Trichlorobenzene	2500.0	2240		ug/kg		90	80 - 120
1,1,1-Trichloroethane	2500.0	2410		ug/kg		96	80 - 120
1,1,2-Trichloroethane	2500.0	2160		ug/kg		86	80 - 120
Trichloroethene	2500.0	2430		ug/kg		97	80 - 120
Trichlorofluoromethane	2500.0	2830		ug/kg		113	80 - 120
1,2,3-Trichloropropane	2500.0	1910		ug/kg		76	80 - 120
1,2,4-Trimethylbenzene	2500.0	2420		ug/kg		97	80 - 120
1,3,5-Trimethylbenzene	2500.0	2420		ug/kg		97	80 - 120
Vinyl chloride	2500.0	2440		ug/kg		97	80 - 120
Xylenes, total	7500.0	7200		ug/kg		96	80 - 120

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
Dibromofluoromethane	100		80 - 120
Toluene-d8	100		80 - 120
4-Bromofluorobenzene	99		80 - 120

Lab Sample ID: 11K0156-BLK1

Matrix: Solid/Soil

Analysis Batch: U001383

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 11K0156_P

Analyte	Blank Blank		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<25		100	25	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
Bromobenzene	<25		100	25	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
Bromochloromethane	<25		100	25	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
Bromodichloromethane	<25		100	25	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
Bromoform	<25		100	25	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00

QC Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Method: SW 8260B - VOCs by SW8260B (Continued)

Lab Sample ID: 11K0156-BLK1

Matrix: Solid/Soil

Analysis Batch: U001383

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 11K0156_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	<100		250	100	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
n-Butylbenzene	<25		100	25	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
sec-Butylbenzene	<25		100	25	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
tert-Butylbenzene	<25		100	25	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
Carbon Tetrachloride	<25		100	25	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
Chlorobenzene	<25		100	25	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
Chlorodibromomethane	<25		100	25	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
Chloroethane	<50		100	50	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
Chloroform	<25		100	25	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
Chloromethane	<50		100	50	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
2-Chlorotoluene	<50		100	50	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
4-Chlorotoluene	<25		100	25	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
1,2-Dibromo-3-chloropropane	<50		100	50	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
1,2-Dibromoethane (EDB)	<25		100	25	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
Dibromomethane	<25		100	25	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
1,2-Dichlorobenzene	<25		100	25	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
1,3-Dichlorobenzene	<25		100	25	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
1,4-Dichlorobenzene	<25		100	25	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
Dichlorodifluoromethane	<50		100	50	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
1,1-Dichloroethane	<25		100	25	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
1,2-Dichloroethane	<25		100	25	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
1,1-Dichloroethene	<25		100	25	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
cis-1,2-Dichloroethene	<25		100	25	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
trans-1,2-Dichloroethene	<25		100	25	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
1,2-Dichloropropane	<25		100	25	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
1,3-Dichloropropane	<25		100	25	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
2,2-Dichloropropane	<25		100	25	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
1,1-Dichloropropene	<25		100	25	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
cis-1,3-Dichloropropene	<25		100	25	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
trans-1,3-Dichloropropene	<25		100	25	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
Isopropyl Ether	<25		100	25	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
Ethylbenzene	<25		100	25	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
Hexachlorobutadiene	<25		100	25	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
Isopropylbenzene	<25		100	25	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
p-Isopropyltoluene	<25		100	25	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
Methylene Chloride	<50		100	50	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
Methyl tert-Butyl Ether	<25		100	25	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
Naphthalene	<50		100	50	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
n-Propylbenzene	<25		100	25	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
Styrene	<50		100	50	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
1,1,1,2-Tetrachloroethane	<25		100	25	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
1,1,2,2-Tetrachloroethane	<25		100	25	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
Tetrachloroethene	<25		100	25	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
Toluene	<25		100	25	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
1,2,3-Trichlorobenzene	<25		100	25	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
1,2,4-Trichlorobenzene	<25		100	25	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
1,1,1-Trichloroethane	<25		100	25	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
1,1,2-Trichloroethane	<25		100	25	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
Trichloroethene	<25		100	25	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
Trichlorofluoromethane	<25		100	25	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00

QC Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Method: SW 8260B - VOCs by SW8260B (Continued)

Lab Sample ID: 11K0156-BLK1

Matrix: Solid/Soil

Analysis Batch: U001383

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 11K0156_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	<50		100	50	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
1,2,4-Trimethylbenzene	<25		100	25	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
1,3,5-Trimethylbenzene	<25		100	25	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
Vinyl chloride	<25		100	25	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00
Xylenes, total	<75		300	75	ug/kg wet		11/14/11 09:47	11/14/11 11:57	1.00

Surrogate	Blank %Recovery	Blank Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane	101		80 - 120	11/14/11 09:47	11/14/11 11:57	1.00
Toluene-d8	99		80 - 120	11/14/11 09:47	11/14/11 11:57	1.00
4-Bromofluorobenzene	100		80 - 120	11/14/11 09:47	11/14/11 11:57	1.00

Lab Sample ID: 11K0156-BS1

Matrix: Solid/Soil

Analysis Batch: U001383

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 11K0156_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	2500.0	2370		ug/kg		95	80 - 120
Bromobenzene	2500.0	2290		ug/kg		92	80 - 120
Bromochloromethane	2500.0	2430		ug/kg		97	80 - 120
Bromodichloromethane	2500.0	2280		ug/kg		91	80 - 120
Bromoform	2500.0	2380		ug/kg		95	80 - 120
Bromomethane	2500.0	2030		ug/kg		81	60 - 140
n-Butylbenzene	2500.0	2440		ug/kg		98	80 - 120
sec-Butylbenzene	2500.0	2450		ug/kg		98	80 - 120
tert-Butylbenzene	2500.0	2420		ug/kg		97	80 - 120
Carbon Tetrachloride	2500.0	2380		ug/kg		95	60 - 140
Chlorobenzene	2500.0	2360		ug/kg		94	80 - 120
Chlorodibromomethane	2500.0	2320		ug/kg		93	80 - 120
Chloroethane	2500.0	1960		ug/kg		78	60 - 140
Chloroform	2500.0	2340		ug/kg		94	80 - 120
Chloromethane	2500.0	2180		ug/kg		87	60 - 140
2-Chlorotoluene	2500.0	2360		ug/kg		94	80 - 120
4-Chlorotoluene	2500.0	2390		ug/kg		96	80 - 120
1,2-Dibromo-3-chloropropane	2500.0	2250		ug/kg		90	60 - 140
1,2-Dibromoethane (EDB)	2500.0	2330		ug/kg		93	80 - 120
Dibromomethane	2500.0	2380		ug/kg		95	80 - 120
1,2-Dichlorobenzene	2500.0	2410		ug/kg		96	80 - 120
1,3-Dichlorobenzene	2500.0	2410		ug/kg		96	80 - 120
1,4-Dichlorobenzene	2500.0	2380		ug/kg		95	80 - 120
Dichlorodifluoromethane	2500.0	2120		ug/kg		85	60 - 140
1,1-Dichloroethane	2500.0	2340		ug/kg		94	80 - 120
1,2-Dichloroethane	2500.0	2220		ug/kg		89	80 - 120
1,1-Dichloroethene	2500.0	2420		ug/kg		97	80 - 120
cis-1,2-Dichloroethene	2500.0	2410		ug/kg		97	80 - 120
trans-1,2-Dichloroethene	2500.0	2480		ug/kg		99	80 - 120
1,2-Dichloropropane	2500.0	2320		ug/kg		93	80 - 120
1,3-Dichloropropane	2500.0	2280		ug/kg		91	80 - 120
2,2-Dichloropropane	2500.0	2360		ug/kg		94	60 - 140
1,1-Dichloropropene	2500.0	2460		ug/kg		98	80 - 120

QC Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Method: SW 8260B - VOCs by SW8260B (Continued)

Lab Sample ID: 11K0156-BS1

Matrix: Solid/Soil

Analysis Batch: U001383

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 11K0156_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.
							Limits
cis-1,3-Dichloropropene	2500.0	2280		ug/kg		91	80 - 120
trans-1,3-Dichloropropene	2500.0	2280		ug/kg		91	80 - 120
Isopropyl Ether	2500.0	2220		ug/kg		89	80 - 120
Ethylbenzene	2500.0	2370		ug/kg		95	80 - 120
Hexachlorobutadiene	2500.0	2440		ug/kg		98	60 - 140
Isopropylbenzene	2500.0	2400		ug/kg		96	80 - 120
p-Isopropyltoluene	2500.0	2450		ug/kg		98	80 - 120
Methylene Chloride	2500.0	2230		ug/kg		89	80 - 120
Methyl tert-Butyl Ether	2500.0	2300		ug/kg		92	80 - 120
Naphthalene	2500.0	2440		ug/kg		97	60 - 140
n-Propylbenzene	2500.0	2420		ug/kg		97	80 - 120
Styrene	2500.0	2330		ug/kg		93	80 - 120
1,1,1,2-Tetrachloroethane	2500.0	2330		ug/kg		93	80 - 120
1,1,1,2-Tetrachloroethane	2500.0	2290		ug/kg		92	80 - 120
Tetrachloroethene	2500.0	2420		ug/kg		97	80 - 120
Toluene	2500.0	2380		ug/kg		95	80 - 120
1,2,3-Trichlorobenzene	2500.0	2390		ug/kg		96	80 - 120
1,2,4-Trichlorobenzene	2500.0	2460		ug/kg		98	80 - 120
1,1,1-Trichloroethane	2500.0	2310		ug/kg		92	80 - 120
1,1,2-Trichloroethane	2500.0	2300		ug/kg		92	80 - 120
Trichloroethene	2500.0	2450		ug/kg		98	80 - 120
Trichlorofluoromethane	2500.0	2290		ug/kg		91	80 - 120
1,2,3-Trichloropropane	2500.0	2160		ug/kg		86	80 - 120
1,2,4-Trimethylbenzene	2500.0	2390		ug/kg		95	80 - 120
1,3,5-Trimethylbenzene	2500.0	2390		ug/kg		95	80 - 120
Vinyl chloride	2500.0	2340		ug/kg		93	80 - 120
Xylenes, total	7500.0	7170		ug/kg		96	80 - 120

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
Dibromofluoromethane	101		80 - 120
Toluene-d8	100		80 - 120
4-Bromofluorobenzene	98		80 - 120

Lab Sample ID: 11K0171-BLK1

Matrix: Solid/Soil

Analysis Batch: U001387

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 11K0171_P

Analyte	Blank Blank		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<25		100	25	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
Bromobenzene	<25		100	25	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
Bromochloromethane	<25		100	25	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
Bromodichloromethane	<25		100	25	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
Bromoform	<25		100	25	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
Bromomethane	<100		250	100	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
n-Butylbenzene	<25		100	25	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
sec-Butylbenzene	<25		100	25	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
tert-Butylbenzene	<25		100	25	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
Carbon Tetrachloride	<25		100	25	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
Chlorobenzene	<25		100	25	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00

QC Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Method: SW 8260B - VOCs by SW8260B (Continued)

Lab Sample ID: 11K0171-BLK1

Matrix: Solid/Soil

Analysis Batch: U001387

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 11K0171_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorodibromomethane	<25		100	25	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
Chloroethane	<50		100	50	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
Chloroform	<25		100	25	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
Chloromethane	<50		100	50	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
2-Chlorotoluene	<50		100	50	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
4-Chlorotoluene	<25		100	25	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
1,2-Dibromo-3-chloropropane	<50		100	50	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
1,2-Dibromoethane (EDB)	<25		100	25	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
Dibromomethane	<25		100	25	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
1,2-Dichlorobenzene	<25		100	25	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
1,3-Dichlorobenzene	<25		100	25	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
1,4-Dichlorobenzene	<25		100	25	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
Dichlorodifluoromethane	<50		100	50	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
1,1-Dichloroethane	<25		100	25	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
1,2-Dichloroethane	<25		100	25	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
1,1-Dichloroethene	<25		100	25	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
cis-1,2-Dichloroethene	<25		100	25	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
trans-1,2-Dichloroethene	<25		100	25	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
1,2-Dichloropropane	<25		100	25	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
1,3-Dichloropropane	<25		100	25	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
2,2-Dichloropropane	<25		100	25	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
1,1-Dichloropropene	<25		100	25	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
cis-1,3-Dichloropropene	<25		100	25	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
trans-1,3-Dichloropropene	<25		100	25	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
Isopropyl Ether	<25		100	25	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
Ethylbenzene	<25		100	25	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
Hexachlorobutadiene	<25		100	25	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
Isopropylbenzene	<25		100	25	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
p-Isopropyltoluene	<25		100	25	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
Methylene Chloride	<50		100	50	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
Methyl tert-Butyl Ether	<25		100	25	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
Naphthalene	<50		100	50	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
n-Propylbenzene	<25		100	25	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
Styrene	<50		100	50	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
1,1,1,2-Tetrachloroethane	<25		100	25	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
1,1,2,2-Tetrachloroethane	<25		100	25	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
Tetrachloroethene	<25		100	25	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
Toluene	<25		100	25	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
1,2,3-Trichlorobenzene	<25		100	25	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
1,2,4-Trichlorobenzene	<25		100	25	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
1,1,1-Trichloroethane	<25		100	25	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
1,1,2-Trichloroethane	<25		100	25	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
Trichloroethene	<25		100	25	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
Trichlorofluoromethane	<25		100	25	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
1,2,3-Trichloropropane	<50		100	50	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
1,2,4-Trimethylbenzene	<25		100	25	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
1,3,5-Trimethylbenzene	<25		100	25	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
Vinyl chloride	<25		100	25	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
Xylenes, total	<75		300	75	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00

QC Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Method: SW 8260B - VOCs by SW8260B (Continued)

Lab Sample ID: 11K0171-BLK1
Matrix: Solid/Soil
Analysis Batch: U001387

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 11K0171_P

Surrogate	Blank		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
Dibromofluoromethane	104		80 - 120	11/15/11 09:03	11/15/11 12:29	1.00
Toluene-d8	98		80 - 120	11/15/11 09:03	11/15/11 12:29	1.00
4-Bromofluorobenzene	99		80 - 120	11/15/11 09:03	11/15/11 12:29	1.00

Lab Sample ID: 11K0171-BS1
Matrix: Solid/Soil
Analysis Batch: U001387

Client Sample ID: Lab Control Sample
Prep Type: Total
Prep Batch: 11K0171_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Benzene	2500.0	2520		ug/kg		101	80 - 120
Bromobenzene	2500.0	2450		ug/kg		98	80 - 120
Bromochloromethane	2500.0	2620		ug/kg		105	80 - 120
Bromodichloromethane	2500.0	2430		ug/kg		97	80 - 120
Bromoform	2500.0	2490		ug/kg		99	80 - 120
Bromomethane	2500.0	2250		ug/kg		90	60 - 140
n-Butylbenzene	2500.0	2310		ug/kg		93	80 - 120
sec-Butylbenzene	2500.0	2330		ug/kg		93	80 - 120
tert-Butylbenzene	2500.0	2340		ug/kg		94	80 - 120
Carbon Tetrachloride	2500.0	2540		ug/kg		102	60 - 140
Chlorobenzene	2500.0	2420		ug/kg		97	80 - 120
Chlorodibromomethane	2500.0	2530		ug/kg		101	80 - 120
Chloroethane	2500.0	2380		ug/kg		95	60 - 140
Chloroform	2500.0	2480		ug/kg		99	80 - 120
Chloromethane	2500.0	2430		ug/kg		97	60 - 140
2-Chlorotoluene	2500.0	2460		ug/kg		99	80 - 120
4-Chlorotoluene	2500.0	2380		ug/kg		95	80 - 120
1,2-Dibromo-3-chloropropane	2500.0	2250		ug/kg		90	60 - 140
1,2-Dibromoethane (EDB)	2500.0	2420		ug/kg		97	80 - 120
Dibromomethane	2500.0	2570		ug/kg		103	80 - 120
1,2-Dichlorobenzene	2500.0	2330		ug/kg		93	80 - 120
1,3-Dichlorobenzene	2500.0	2390		ug/kg		96	80 - 120
1,4-Dichlorobenzene	2500.0	2340		ug/kg		94	80 - 120
Dichlorodifluoromethane	2500.0	2270		ug/kg		91	60 - 140
1,1-Dichloroethane	2500.0	2420		ug/kg		97	80 - 120
1,2-Dichloroethane	2500.0	2430		ug/kg		97	80 - 120
1,1-Dichloroethene	2500.0	2390		ug/kg		96	80 - 120
cis-1,2-Dichloroethene	2500.0	2530		ug/kg		101	80 - 120
trans-1,2-Dichloroethene	2500.0	2530		ug/kg		101	80 - 120
1,2-Dichloropropane	2500.0	2390		ug/kg		96	80 - 120
1,3-Dichloropropane	2500.0	2380		ug/kg		95	80 - 120
2,2-Dichloropropane	2500.0	2500		ug/kg		100	60 - 140
1,1-Dichloropropene	2500.0	2420		ug/kg		97	80 - 120
cis-1,3-Dichloropropene	2500.0	2430		ug/kg		97	80 - 120
trans-1,3-Dichloropropene	2500.0	2410		ug/kg		96	80 - 120
Isopropyl Ether	2500.0	2330		ug/kg		93	80 - 120
Ethylbenzene	2500.0	2390		ug/kg		96	80 - 120
Hexachlorobutadiene	2500.0	2290		ug/kg		91	60 - 140
Isopropylbenzene	2500.0	2410		ug/kg		96	80 - 120
p-Isopropyltoluene	2500.0	2420		ug/kg		97	80 - 120

QC Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Method: SW 8260B - VOCs by SW8260B (Continued)

Lab Sample ID: 11K0171-BS1

Matrix: Solid/Soil

Analysis Batch: U001387

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 11K0171_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.	
							Limits	
Methylene Chloride	2500.0	2610		ug/kg		104	80 - 120	
Methyl tert-Butyl Ether	2500.0	2440		ug/kg		98	80 - 120	
Naphthalene	2500.0	2200		ug/kg		88	60 - 140	
n-Propylbenzene	2500.0	2450		ug/kg		98	80 - 120	
Styrene	2500.0	2420		ug/kg		97	80 - 120	
1,1,1,2-Tetrachloroethane	2500.0	2430		ug/kg		97	80 - 120	
1,1,2,2-Tetrachloroethane	2500.0	2170		ug/kg		87	80 - 120	
Tetrachloroethene	2500.0	2420		ug/kg		97	80 - 120	
Toluene	2500.0	2270		ug/kg		91	80 - 120	
1,2,3-Trichlorobenzene	2500.0	2270		ug/kg		91	80 - 120	
1,2,4-Trichlorobenzene	2500.0	2280		ug/kg		91	80 - 120	
1,1,1-Trichloroethane	2500.0	2500		ug/kg		100	80 - 120	
1,1,2-Trichloroethane	2500.0	2440		ug/kg		98	80 - 120	
Trichloroethene	2500.0	2470		ug/kg		99	80 - 120	
Trichlorofluoromethane	2500.0	2470		ug/kg		99	80 - 120	
1,2,3-Trichloropropane	2500.0	2270		ug/kg		91	80 - 120	
1,2,4-Trimethylbenzene	2500.0	2410		ug/kg		96	80 - 120	
1,3,5-Trimethylbenzene	2500.0	2390		ug/kg		95	80 - 120	
Vinyl chloride	2500.0	2460		ug/kg		98	80 - 120	
Xylenes, total	7500.0	7170		ug/kg		96	80 - 120	

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
Dibromofluoromethane	106		80 - 120
Toluene-d8	99		80 - 120
4-Bromofluorobenzene	100		80 - 120

Lab Sample ID: 11K0172-BLK1

Matrix: Solid/Soil

Analysis Batch: U001388

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 11K0172_P

Analyte	Blank Blank		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<25		100	25	ug/kg wet		11/15/11 09:09	11/15/11 11:37	1.00
Bromobenzene	<25		100	25	ug/kg wet		11/15/11 09:09	11/15/11 11:37	1.00
Bromochloromethane	<25		100	25	ug/kg wet		11/15/11 09:09	11/15/11 11:37	1.00
Bromodichloromethane	<25		100	25	ug/kg wet		11/15/11 09:09	11/15/11 11:37	1.00
Bromoform	<25		100	25	ug/kg wet		11/15/11 09:09	11/15/11 11:37	1.00
Bromomethane	<100		250	100	ug/kg wet		11/15/11 09:09	11/15/11 11:37	1.00
n-Butylbenzene	<25		100	25	ug/kg wet		11/15/11 09:09	11/15/11 11:37	1.00
sec-Butylbenzene	<25		100	25	ug/kg wet		11/15/11 09:09	11/15/11 11:37	1.00
tert-Butylbenzene	<25		100	25	ug/kg wet		11/15/11 09:09	11/15/11 11:37	1.00
Carbon Tetrachloride	<25		100	25	ug/kg wet		11/15/11 09:09	11/15/11 11:37	1.00
Chlorobenzene	<25		100	25	ug/kg wet		11/15/11 09:09	11/15/11 11:37	1.00
Chlorodibromomethane	<25		100	25	ug/kg wet		11/15/11 09:09	11/15/11 11:37	1.00
Chloroethane	<50		100	50	ug/kg wet		11/15/11 09:09	11/15/11 11:37	1.00
Chloroform	<25		100	25	ug/kg wet		11/15/11 09:09	11/15/11 11:37	1.00
Chloromethane	<50		100	50	ug/kg wet		11/15/11 09:09	11/15/11 11:37	1.00
2-Chlorotoluene	<50		100	50	ug/kg wet		11/15/11 09:09	11/15/11 11:37	1.00
4-Chlorotoluene	<25		100	25	ug/kg wet		11/15/11 09:09	11/15/11 11:37	1.00
1,2-Dibromo-3-chloropropane	<50		100	50	ug/kg wet		11/15/11 09:09	11/15/11 11:37	1.00

QC Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Method: SW 8260B - VOCs by SW8260B (Continued)

Lab Sample ID: 11K0172-BLK1

Matrix: Solid/Soil

Analysis Batch: U001388

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 11K0172_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	<25		100	25	ug/kg wet		11/15/11 09:09	11/15/11 11:37	1.00
Dibromomethane	<25		100	25	ug/kg wet		11/15/11 09:09	11/15/11 11:37	1.00
1,2-Dichlorobenzene	<25		100	25	ug/kg wet		11/15/11 09:09	11/15/11 11:37	1.00
1,3-Dichlorobenzene	<25		100	25	ug/kg wet		11/15/11 09:09	11/15/11 11:37	1.00
1,4-Dichlorobenzene	<25		100	25	ug/kg wet		11/15/11 09:09	11/15/11 11:37	1.00
Dichlorodifluoromethane	<50		100	50	ug/kg wet		11/15/11 09:09	11/15/11 11:37	1.00
1,1-Dichloroethane	<25		100	25	ug/kg wet		11/15/11 09:09	11/15/11 11:37	1.00
1,2-Dichloroethane	<25		100	25	ug/kg wet		11/15/11 09:09	11/15/11 11:37	1.00
1,1-Dichloroethene	<25		100	25	ug/kg wet		11/15/11 09:09	11/15/11 11:37	1.00
cis-1,2-Dichloroethene	<25		100	25	ug/kg wet		11/15/11 09:09	11/15/11 11:37	1.00
trans-1,2-Dichloroethene	<25		100	25	ug/kg wet		11/15/11 09:09	11/15/11 11:37	1.00
1,2-Dichloropropane	<25		100	25	ug/kg wet		11/15/11 09:09	11/15/11 11:37	1.00
1,3-Dichloropropane	<25		100	25	ug/kg wet		11/15/11 09:09	11/15/11 11:37	1.00
2,2-Dichloropropane	<25		100	25	ug/kg wet		11/15/11 09:09	11/15/11 11:37	1.00
1,1-Dichloropropene	<25		100	25	ug/kg wet		11/15/11 09:09	11/15/11 11:37	1.00
cis-1,3-Dichloropropene	<25		100	25	ug/kg wet		11/15/11 09:09	11/15/11 11:37	1.00
trans-1,3-Dichloropropene	<25		100	25	ug/kg wet		11/15/11 09:09	11/15/11 11:37	1.00
Isopropyl Ether	<25		100	25	ug/kg wet		11/15/11 09:09	11/15/11 11:37	1.00
Ethylbenzene	<25		100	25	ug/kg wet		11/15/11 09:09	11/15/11 11:37	1.00
Hexachlorobutadiene	<25		100	25	ug/kg wet		11/15/11 09:09	11/15/11 11:37	1.00
Isopropylbenzene	<25		100	25	ug/kg wet		11/15/11 09:09	11/15/11 11:37	1.00
p-Isopropyltoluene	<25		100	25	ug/kg wet		11/15/11 09:09	11/15/11 11:37	1.00
Methylene Chloride	<50		100	50	ug/kg wet		11/15/11 09:09	11/15/11 11:37	1.00
Methyl tert-Butyl Ether	<25		100	25	ug/kg wet		11/15/11 09:09	11/15/11 11:37	1.00
Naphthalene	<50		100	50	ug/kg wet		11/15/11 09:09	11/15/11 11:37	1.00
n-Propylbenzene	<25		100	25	ug/kg wet		11/15/11 09:09	11/15/11 11:37	1.00
Styrene	<50		100	50	ug/kg wet		11/15/11 09:09	11/15/11 11:37	1.00
1,1,1,2-Tetrachloroethane	<25		100	25	ug/kg wet		11/15/11 09:09	11/15/11 11:37	1.00
1,1,1,2,2-Tetrachloroethane	<25		100	25	ug/kg wet		11/15/11 09:09	11/15/11 11:37	1.00
Tetrachloroethene	<25		100	25	ug/kg wet		11/15/11 09:09	11/15/11 11:37	1.00
Toluene	<25		100	25	ug/kg wet		11/15/11 09:09	11/15/11 11:37	1.00
1,2,3-Trichlorobenzene	<25		100	25	ug/kg wet		11/15/11 09:09	11/15/11 11:37	1.00
1,2,4-Trichlorobenzene	<25		100	25	ug/kg wet		11/15/11 09:09	11/15/11 11:37	1.00
1,1,1-Trichloroethane	<25		100	25	ug/kg wet		11/15/11 09:09	11/15/11 11:37	1.00
1,1,2-Trichloroethane	<25		100	25	ug/kg wet		11/15/11 09:09	11/15/11 11:37	1.00
Trichloroethene	<25		100	25	ug/kg wet		11/15/11 09:09	11/15/11 11:37	1.00
Trichlorofluoromethane	<25		100	25	ug/kg wet		11/15/11 09:09	11/15/11 11:37	1.00
1,2,3-Trichloropropane	<50		100	50	ug/kg wet		11/15/11 09:09	11/15/11 11:37	1.00
1,2,4-Trimethylbenzene	<25		100	25	ug/kg wet		11/15/11 09:09	11/15/11 11:37	1.00
1,3,5-Trimethylbenzene	<25		100	25	ug/kg wet		11/15/11 09:09	11/15/11 11:37	1.00
Vinyl chloride	<25		100	25	ug/kg wet		11/15/11 09:09	11/15/11 11:37	1.00
Xylenes, total	<75		300	75	ug/kg wet		11/15/11 09:09	11/15/11 11:37	1.00

Surrogate	Blank %Recovery	Blank Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane	101		80 - 120	11/15/11 09:09	11/15/11 11:37	1.00
Toluene-d8	97		80 - 120	11/15/11 09:09	11/15/11 11:37	1.00
4-Bromofluorobenzene	99		80 - 120	11/15/11 09:09	11/15/11 11:37	1.00

QC Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Method: SW 8260B - VOCs by SW8260B (Continued)

Lab Sample ID: 11K0172-BS1

Matrix: Solid/Soil

Analysis Batch: U001388

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 11K0172_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Benzene	2500.0	2360		ug/kg		95	80 - 120
Bromobenzene	2500.0	2270		ug/kg		91	80 - 120
Bromochloromethane	2500.0	2380		ug/kg		95	80 - 120
Bromodichloromethane	2500.0	2220		ug/kg		89	80 - 120
Bromoform	2500.0	2340		ug/kg		94	80 - 120
Bromomethane	2500.0	1970		ug/kg		79	60 - 140
n-Butylbenzene	2500.0	2450		ug/kg		98	80 - 120
sec-Butylbenzene	2500.0	2450		ug/kg		98	80 - 120
tert-Butylbenzene	2500.0	2420		ug/kg		97	80 - 120
Carbon Tetrachloride	2500.0	2320		ug/kg		93	60 - 140
Chlorobenzene	2500.0	2400		ug/kg		96	80 - 120
Chlorodibromomethane	2500.0	2280		ug/kg		91	80 - 120
Chloroethane	2500.0	1840		ug/kg		74	60 - 140
Chloroform	2500.0	2320		ug/kg		93	80 - 120
Chloromethane	2500.0	2200		ug/kg		88	60 - 140
2-Chlorotoluene	2500.0	2360		ug/kg		94	80 - 120
4-Chlorotoluene	2500.0	2390		ug/kg		96	80 - 120
1,2-Dibromo-3-chloropropane	2500.0	2250		ug/kg		90	60 - 140
1,2-Dibromoethane (EDB)	2500.0	2350		ug/kg		94	80 - 120
Dibromomethane	2500.0	2400		ug/kg		96	80 - 120
1,2-Dichlorobenzene	2500.0	2380		ug/kg		95	80 - 120
1,3-Dichlorobenzene	2500.0	2390		ug/kg		96	80 - 120
1,4-Dichlorobenzene	2500.0	2380		ug/kg		95	80 - 120
Dichlorodifluoromethane	2500.0	2160		ug/kg		86	60 - 140
1,1-Dichloroethane	2500.0	2320		ug/kg		93	80 - 120
1,2-Dichloroethane	2500.0	2220		ug/kg		89	80 - 120
1,1-Dichloroethene	2500.0	2470		ug/kg		99	80 - 120
cis-1,2-Dichloroethene	2500.0	2400		ug/kg		96	80 - 120
trans-1,2-Dichloroethene	2500.0	2380		ug/kg		95	80 - 120
1,2-Dichloropropane	2500.0	2290		ug/kg		92	80 - 120
1,3-Dichloropropane	2500.0	2300		ug/kg		92	80 - 120
2,2-Dichloropropane	2500.0	2340		ug/kg		94	60 - 140
1,1-Dichloropropene	2500.0	2440		ug/kg		98	80 - 120
cis-1,3-Dichloropropene	2500.0	2260		ug/kg		90	80 - 120
trans-1,3-Dichloropropene	2500.0	2240		ug/kg		89	80 - 120
Isopropyl Ether	2500.0	2210		ug/kg		89	80 - 120
Ethylbenzene	2500.0	2400		ug/kg		96	80 - 120
Hexachlorobutadiene	2500.0	2460		ug/kg		98	60 - 140
Isopropylbenzene	2500.0	2480		ug/kg		99	80 - 120
p-Isopropyltoluene	2500.0	2470		ug/kg		99	80 - 120
Methylene Chloride	2500.0	2260		ug/kg		90	80 - 120
Methyl tert-Butyl Ether	2500.0	2240		ug/kg		90	80 - 120
Naphthalene	2500.0	2440		ug/kg		98	60 - 140
n-Propylbenzene	2500.0	2410		ug/kg		96	80 - 120
Styrene	2500.0	2390		ug/kg		96	80 - 120
1,1,1,2-Tetrachloroethane	2500.0	2340		ug/kg		93	80 - 120
1,1,1,2,2-Tetrachloroethane	2500.0	2310		ug/kg		92	80 - 120
Tetrachloroethene	2500.0	2440		ug/kg		98	80 - 120
Toluene	2500.0	2390		ug/kg		96	80 - 120

QC Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Method: SW 8260B - VOCs by SW8260B (Continued)

Lab Sample ID: 11K0172-BS1

Matrix: Solid/Soil

Analysis Batch: U001388

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 11K0172_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.	
							Limits	
1,2,3-Trichlorobenzene	2500.0	2390		ug/kg		96	80 - 120	
1,2,4-Trichlorobenzene	2500.0	2440		ug/kg		98	80 - 120	
1,1,1-Trichloroethane	2500.0	2320		ug/kg		93	80 - 120	
1,1,2-Trichloroethane	2500.0	2300		ug/kg		92	80 - 120	
Trichloroethene	2500.0	2430		ug/kg		97	80 - 120	
Trichlorofluoromethane	2500.0	2320		ug/kg		93	80 - 120	
1,2,3-Trichloropropane	2500.0	2240		ug/kg		90	80 - 120	
1,2,4-Trimethylbenzene	2500.0	2360		ug/kg		94	80 - 120	
1,3,5-Trimethylbenzene	2500.0	2370		ug/kg		95	80 - 120	
Vinyl chloride	2500.0	2330		ug/kg		93	80 - 120	
Xylenes, total	7500.0	7340		ug/kg		98	80 - 120	

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
Dibromofluoromethane	100		80 - 120
Toluene-d8	99		80 - 120
4-Bromofluorobenzene	100		80 - 120

Lab Sample ID: 11K0189-BLK1

Matrix: Solid/Soil

Analysis Batch: U001392

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 11K0189_P

Analyte	Blank		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<25		100	25	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
Bromobenzene	<25		100	25	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
Bromochloromethane	<25		100	25	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
Bromodichloromethane	<25		100	25	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
Bromoform	<25		100	25	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
Bromomethane	<100		250	100	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
n-Butylbenzene	<25		100	25	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
sec-Butylbenzene	<25		100	25	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
tert-Butylbenzene	<25		100	25	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
Carbon Tetrachloride	<25		100	25	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
Chlorobenzene	<25		100	25	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
Chlorodibromomethane	<25		100	25	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
Chloroethane	<50		100	50	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
Chloroform	<25		100	25	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
Chloromethane	<50		100	50	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
2-Chlorotoluene	<50		100	50	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
4-Chlorotoluene	<25		100	25	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
1,2-Dibromo-3-chloropropane	<50		100	50	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
1,2-Dibromoethane (EDB)	<25		100	25	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
Dibromomethane	<25		100	25	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
1,2-Dichlorobenzene	<25		100	25	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
1,3-Dichlorobenzene	<25		100	25	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
1,4-Dichlorobenzene	<25		100	25	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
Dichlorodifluoromethane	<50		100	50	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
1,1-Dichloroethane	<25		100	25	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
1,2-Dichloroethane	<25		100	25	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
1,1-Dichloroethene	<25		100	25	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00

QC Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Method: SW 8260B - VOCs by SW8260B (Continued)

Lab Sample ID: 11K0189-BLK1

Matrix: Solid/Soil

Analysis Batch: U001392

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 11K0189_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	<25		100	25	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
trans-1,2-Dichloroethene	<25		100	25	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
1,2-Dichloropropane	<25		100	25	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
1,3-Dichloropropane	<25		100	25	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
2,2-Dichloropropane	<25		100	25	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
1,1-Dichloropropene	<25		100	25	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
cis-1,3-Dichloropropene	<25		100	25	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
trans-1,3-Dichloropropene	<25		100	25	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
Isopropyl Ether	<25		100	25	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
Ethylbenzene	<25		100	25	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
Hexachlorobutadiene	<25		100	25	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
Isopropylbenzene	<25		100	25	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
p-Isopropyltoluene	<25		100	25	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
Methylene Chloride	<50		100	50	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
Methyl tert-Butyl Ether	<25		100	25	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
Naphthalene	<50		100	50	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
n-Propylbenzene	<25		100	25	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
Styrene	<50		100	50	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
1,1,1,2-Tetrachloroethane	<25		100	25	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
1,1,2,2-Tetrachloroethane	<25		100	25	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
Tetrachloroethene	<25		100	25	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
Toluene	<25		100	25	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
1,2,3-Trichlorobenzene	<25		100	25	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
1,2,4-Trichlorobenzene	<25		100	25	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
1,1,1-Trichloroethane	<25		100	25	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
1,1,2-Trichloroethane	<25		100	25	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
Trichloroethene	<25		100	25	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
Trichlorofluoromethane	<25		100	25	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
1,2,3-Trichloropropane	<50		100	50	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
1,2,4-Trimethylbenzene	<25		100	25	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
1,3,5-Trimethylbenzene	<25		100	25	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
Vinyl chloride	<25		100	25	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
Xylenes, total	<75		300	75	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00

Surrogate	Blank %Recovery	Blank Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane	98		80 - 120	11/16/11 10:38	11/16/11 12:51	1.00
Toluene-d8	100		80 - 120	11/16/11 10:38	11/16/11 12:51	1.00
4-Bromofluorobenzene	99		80 - 120	11/16/11 10:38	11/16/11 12:51	1.00

Lab Sample ID: 11K0189-BS1

Matrix: Solid/Soil

Analysis Batch: U001392

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 11K0189_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.	
							Limits	
Benzene	2500.0	2400		ug/kg		96	80 - 120	
Bromobenzene	2500.0	2270		ug/kg		91	80 - 120	
Bromochloromethane	2500.0	2370		ug/kg		95	80 - 120	
Bromodichloromethane	2500.0	2230		ug/kg		89	80 - 120	
Bromoform	2500.0	2290		ug/kg		92	80 - 120	

QC Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Method: SW 8260B - VOCs by SW8260B (Continued)

Lab Sample ID: 11K0189-BS1

Matrix: Solid/Soil

Analysis Batch: U001392

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 11K0189_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.
							Limits
Bromomethane	2500.0	2030		ug/kg		81	60 - 140
n-Butylbenzene	2500.0	2520		ug/kg		101	80 - 120
sec-Butylbenzene	2500.0	2530		ug/kg		101	80 - 120
tert-Butylbenzene	2500.0	2480		ug/kg		99	80 - 120
Carbon Tetrachloride	2500.0	2390		ug/kg		95	60 - 140
Chlorobenzene	2500.0	2410		ug/kg		96	80 - 120
Chlorodibromomethane	2500.0	2270		ug/kg		91	80 - 120
Chloroethane	2500.0	1890		ug/kg		76	60 - 140
Chloroform	2500.0	2360		ug/kg		94	80 - 120
Chloromethane	2500.0	2270		ug/kg		91	60 - 140
2-Chlorotoluene	2500.0	2420		ug/kg		97	80 - 120
4-Chlorotoluene	2500.0	2400		ug/kg		96	80 - 120
1,2-Dibromo-3-chloropropane	2500.0	2170		ug/kg		87	60 - 140
1,2-Dibromoethane (EDB)	2500.0	2250		ug/kg		90	80 - 120
Dibromomethane	2500.0	2330		ug/kg		93	80 - 120
1,2-Dichlorobenzene	2500.0	2380		ug/kg		95	80 - 120
1,3-Dichlorobenzene	2500.0	2420		ug/kg		97	80 - 120
1,4-Dichlorobenzene	2500.0	2390		ug/kg		96	80 - 120
Dichlorodifluoromethane	2500.0	2230		ug/kg		89	60 - 140
1,1-Dichloroethane	2500.0	2380		ug/kg		95	80 - 120
1,2-Dichloroethane	2500.0	2140		ug/kg		86	80 - 120
1,1-Dichloroethene	2500.0	2530		ug/kg		101	80 - 120
cis-1,2-Dichloroethene	2500.0	2430		ug/kg		97	80 - 120
trans-1,2-Dichloroethene	2500.0	2430		ug/kg		97	80 - 120
1,2-Dichloropropane	2500.0	2290		ug/kg		91	80 - 120
1,3-Dichloropropane	2500.0	2250		ug/kg		90	80 - 120
2,2-Dichloropropane	2500.0	2380		ug/kg		95	60 - 140
1,1-Dichloropropene	2500.0	2500		ug/kg		100	80 - 120
cis-1,3-Dichloropropene	2500.0	2270		ug/kg		91	80 - 120
trans-1,3-Dichloropropene	2500.0	2220		ug/kg		89	80 - 120
Isopropyl Ether	2500.0	2220		ug/kg		89	80 - 120
Ethylbenzene	2500.0	2420		ug/kg		97	80 - 120
Hexachlorobutadiene	2500.0	2500		ug/kg		100	60 - 140
Isopropylbenzene	2500.0	2500		ug/kg		100	80 - 120
p-Isopropyltoluene	2500.0	2550		ug/kg		102	80 - 120
Methylene Chloride	2500.0	2310		ug/kg		93	80 - 120
Methyl tert-Butyl Ether	2500.0	2170		ug/kg		87	80 - 120
Naphthalene	2500.0	2330		ug/kg		93	60 - 140
n-Propylbenzene	2500.0	2470		ug/kg		99	80 - 120
Styrene	2500.0	2380		ug/kg		95	80 - 120
1,1,1,2-Tetrachloroethane	2500.0	2300		ug/kg		92	80 - 120
1,1,1,2,2-Tetrachloroethane	2500.0	2210		ug/kg		89	80 - 120
Tetrachloroethene	2500.0	2490		ug/kg		100	80 - 120
Toluene	2500.0	2430		ug/kg		97	80 - 120
1,2,3-Trichlorobenzene	2500.0	2330		ug/kg		93	80 - 120
1,2,4-Trichlorobenzene	2500.0	2440		ug/kg		98	80 - 120
1,1,1-Trichloroethane	2500.0	2370		ug/kg		95	80 - 120
1,1,2-Trichloroethane	2500.0	2250		ug/kg		90	80 - 120
Trichloroethene	2500.0	2520		ug/kg		101	80 - 120
Trichlorofluoromethane	2500.0	2380		ug/kg		95	80 - 120

QC Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Method: SW 8260B - VOCs by SW8260B (Continued)

Lab Sample ID: 11K0189-BS1
Matrix: Solid/Soil
Analysis Batch: U001392

Client Sample ID: Lab Control Sample
Prep Type: Total
Prep Batch: 11K0189_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,3-Trichloropropane	2500.0	2150		ug/kg		86	80 - 120
1,2,4-Trimethylbenzene	2500.0	2420		ug/kg		97	80 - 120
1,3,5-Trimethylbenzene	2500.0	2450		ug/kg		98	80 - 120
Vinyl chloride	2500.0	2440		ug/kg		98	80 - 120
Xylenes, total	7500.0	7360		ug/kg		98	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Dibromofluoromethane	99		80 - 120
Toluene-d8	99		80 - 120
4-Bromofluorobenzene	100		80 - 120

Lab Sample ID: 11K0210-BLK1
Matrix: Solid/Soil
Analysis Batch: U001399

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 11K0210_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
Bromobenzene	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
Bromochloromethane	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
Bromodichloromethane	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
Bromoform	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
Bromomethane	<100		250	100	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
n-Butylbenzene	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
sec-Butylbenzene	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
tert-Butylbenzene	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
Carbon Tetrachloride	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
Chlorobenzene	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
Chlorodibromomethane	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
Chloroethane	<50		100	50	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
Chloroform	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
Chloromethane	<50		100	50	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
2-Chlorotoluene	<50		100	50	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
4-Chlorotoluene	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
1,2-Dibromo-3-chloropropane	<50		100	50	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
1,2-Dibromoethane (EDB)	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
Dibromomethane	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
1,2-Dichlorobenzene	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
1,3-Dichlorobenzene	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
1,4-Dichlorobenzene	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
Dichlorodifluoromethane	<50		100	50	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
1,1-Dichloroethane	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
1,2-Dichloroethane	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
1,1-Dichloroethene	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
cis-1,2-Dichloroethene	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
trans-1,2-Dichloroethene	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
1,2-Dichloropropane	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
1,3-Dichloropropane	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
2,2-Dichloropropane	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
1,1-Dichloropropene	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00

QC Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Method: SW 8260B - VOCs by SW8260B (Continued)

Lab Sample ID: 11K0210-BLK1
Matrix: Solid/Soil
Analysis Batch: U001399

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 11K0210_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
trans-1,3-Dichloropropene	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
Isopropyl Ether	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
Ethylbenzene	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
Hexachlorobutadiene	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
Isopropylbenzene	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
p-Isopropyltoluene	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
Methylene Chloride	<50		100	50	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
Methyl tert-Butyl Ether	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
Naphthalene	<50		100	50	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
n-Propylbenzene	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
Styrene	<50		100	50	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
1,1,1,2-Tetrachloroethane	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
1,1,2,2-Tetrachloroethane	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
Tetrachloroethene	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
Toluene	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
1,2,3-Trichlorobenzene	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
1,2,4-Trichlorobenzene	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
1,1,1-Trichloroethane	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
1,1,2-Trichloroethane	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
Trichloroethene	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
Trichlorofluoromethane	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
1,2,3-Trichloropropane	<50		100	50	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
1,2,4-Trimethylbenzene	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
1,3,5-Trimethylbenzene	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
Vinyl chloride	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
Xylenes, total	<75		300	75	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00

Surrogate	Blank %Recovery	Blank Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane	97		80 - 120	11/17/11 11:31	11/17/11 14:30	1.00
Toluene-d8	99		80 - 120	11/17/11 11:31	11/17/11 14:30	1.00
4-Bromofluorobenzene	98		80 - 120	11/17/11 11:31	11/17/11 14:30	1.00

Lab Sample ID: 11K0210-BS1
Matrix: Solid/Soil
Analysis Batch: U001399

Client Sample ID: Lab Control Sample
Prep Type: Total
Prep Batch: 11K0210_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	2500.0	2330		ug/kg		93	80 - 120
Bromobenzene	2500.0	2240		ug/kg		90	80 - 120
Bromochloromethane	2500.0	2320		ug/kg		93	80 - 120
Bromodichloromethane	2500.0	2180		ug/kg		87	80 - 120
Bromoform	2500.0	2190		ug/kg		88	80 - 120
Bromomethane	2500.0	2010		ug/kg		80	60 - 140
n-Butylbenzene	2500.0	2450		ug/kg		98	80 - 120
sec-Butylbenzene	2500.0	2460		ug/kg		98	80 - 120
tert-Butylbenzene	2500.0	2450		ug/kg		98	80 - 120
Carbon Tetrachloride	2500.0	2320		ug/kg		93	60 - 140
Chlorobenzene	2500.0	2350		ug/kg		94	80 - 120

QC Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Method: SW 8260B - VOCs by SW8260B (Continued)

Lab Sample ID: 11K0210-BS1

Matrix: Solid/Soil

Analysis Batch: U001399

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 11K0210_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.
							Limits
Chlorodibromomethane	2500.0	2200		ug/kg		88	80 - 120
Chloroethane	2500.0	1920		ug/kg		77	60 - 140
Chloroform	2500.0	2290		ug/kg		92	80 - 120
Chloromethane	2500.0	2250		ug/kg		90	60 - 140
2-Chlorotoluene	2500.0	2370		ug/kg		95	80 - 120
4-Chlorotoluene	2500.0	2390		ug/kg		96	80 - 120
1,2-Dibromo-3-chloropropane	2500.0	2130		ug/kg		85	60 - 140
1,2-Dibromoethane (EDB)	2500.0	2190		ug/kg		88	80 - 120
Dibromomethane	2500.0	2250		ug/kg		90	80 - 120
1,2-Dichlorobenzene	2500.0	2350		ug/kg		94	80 - 120
1,3-Dichlorobenzene	2500.0	2370		ug/kg		95	80 - 120
1,4-Dichlorobenzene	2500.0	2350		ug/kg		94	80 - 120
Dichlorodifluoromethane	2500.0	2190		ug/kg		87	60 - 140
1,1-Dichloroethane	2500.0	2340		ug/kg		94	80 - 120
1,2-Dichloroethane	2500.0	2120		ug/kg		85	80 - 120
1,1-Dichloroethene	2500.0	2490		ug/kg		99	80 - 120
cis-1,2-Dichloroethene	2500.0	2360		ug/kg		95	80 - 120
trans-1,2-Dichloroethene	2500.0	2410		ug/kg		97	80 - 120
1,2-Dichloropropane	2500.0	2250		ug/kg		90	80 - 120
1,3-Dichloropropane	2500.0	2190		ug/kg		88	80 - 120
2,2-Dichloropropane	2500.0	2360		ug/kg		94	60 - 140
1,1-Dichloropropene	2500.0	2450		ug/kg		98	80 - 120
cis-1,3-Dichloropropene	2500.0	2190		ug/kg		88	80 - 120
trans-1,3-Dichloropropene	2500.0	2160		ug/kg		86	80 - 120
Isopropyl Ether	2500.0	2170		ug/kg		87	80 - 120
Ethylbenzene	2500.0	2360		ug/kg		94	80 - 120
Hexachlorobutadiene	2500.0	2400		ug/kg		96	60 - 140
Isopropylbenzene	2500.0	2420		ug/kg		97	80 - 120
p-Isopropyltoluene	2500.0	2490		ug/kg		99	80 - 120
Methylene Chloride	2500.0	2230		ug/kg		89	80 - 120
Methyl tert-Butyl Ether	2500.0	2130		ug/kg		85	80 - 120
Naphthalene	2500.0	2320		ug/kg		93	60 - 140
n-Propylbenzene	2500.0	2450		ug/kg		98	80 - 120
Styrene	2500.0	2330		ug/kg		93	80 - 120
1,1,1,2-Tetrachloroethane	2500.0	2240		ug/kg		90	80 - 120
1,1,2,2-Tetrachloroethane	2500.0	2220		ug/kg		89	80 - 120
Tetrachloroethene	2500.0	2450		ug/kg		98	80 - 120
Toluene	2500.0	2340		ug/kg		94	80 - 120
1,2,3-Trichlorobenzene	2500.0	2280		ug/kg		91	80 - 120
1,2,4-Trichlorobenzene	2500.0	2380		ug/kg		95	80 - 120
1,1,1-Trichloroethane	2500.0	2330		ug/kg		93	80 - 120
1,1,2-Trichloroethane	2500.0	2230		ug/kg		89	80 - 120
Trichloroethene	2500.0	2450		ug/kg		98	80 - 120
Trichlorofluoromethane	2500.0	2320		ug/kg		93	80 - 120
1,2,3-Trichloropropane	2500.0	2110		ug/kg		84	80 - 120
1,2,4-Trimethylbenzene	2500.0	2380		ug/kg		95	80 - 120
1,3,5-Trimethylbenzene	2500.0	2390		ug/kg		96	80 - 120
Vinyl chloride	2500.0	2420		ug/kg		97	80 - 120
Xylenes, total	7500.0	7190		ug/kg		96	80 - 120

QC Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Method: SW 8260B - VOCs by SW8260B (Continued)

Lab Sample ID: 11K0210-BS1
Matrix: Solid/Soil
Analysis Batch: U001399

Client Sample ID: Lab Control Sample
Prep Type: Total
Prep Batch: 11K0210_P

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
Dibromofluoromethane	99		80 - 120
Toluene-d8	99		80 - 120
4-Bromofluorobenzene	98		80 - 120

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 500-133299/1-A
Matrix: Solid
Analysis Batch: 133406

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 133299

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,2,4-Trichlorobenzene	<0.038		0.17	0.038	mg/Kg		11/19/11 10:29	11/21/11 19:11	1
1,2-Dichlorobenzene	<0.036		0.17	0.036	mg/Kg		11/19/11 10:29	11/21/11 19:11	1
1,3-Dichlorobenzene	<0.035		0.17	0.035	mg/Kg		11/19/11 10:29	11/21/11 19:11	1
1,4-Dichlorobenzene	<0.035		0.17	0.035	mg/Kg		11/19/11 10:29	11/21/11 19:11	1
2,4,5-Trichlorophenol	<0.095		0.33	0.095	mg/Kg		11/19/11 10:29	11/21/11 19:11	1
2,4,6-Trichlorophenol	<0.042		0.33	0.042	mg/Kg		11/19/11 10:29	11/21/11 19:11	1
2,4-Dichlorophenol	<0.10		0.33	0.10	mg/Kg		11/19/11 10:29	11/21/11 19:11	1
2,4-Dimethylphenol	<0.10		0.33	0.10	mg/Kg		11/19/11 10:29	11/21/11 19:11	1
2,4-Dinitrophenol	<0.17		0.67	0.17	mg/Kg		11/19/11 10:29	11/21/11 19:11	1
2,4-Dinitrotoluene	<0.051		0.17	0.051	mg/Kg		11/19/11 10:29	11/21/11 19:11	1
2,6-Dinitrotoluene	<0.040		0.17	0.040	mg/Kg		11/19/11 10:29	11/21/11 19:11	1
2-Chloronaphthalene	<0.037		0.17	0.037	mg/Kg		11/19/11 10:29	11/21/11 19:11	1
2-Chlorophenol	<0.048		0.17	0.048	mg/Kg		11/19/11 10:29	11/21/11 19:11	1
2-Methylphenol	<0.044		0.17	0.044	mg/Kg		11/19/11 10:29	11/21/11 19:11	1
2-Nitroaniline	<0.060		0.17	0.060	mg/Kg		11/19/11 10:29	11/21/11 19:11	1
2-Methylnaphthalene	<0.043		0.17	0.043	mg/Kg		11/19/11 10:29	11/21/11 19:11	1
2-Nitrophenol	<0.052		0.33	0.052	mg/Kg		11/19/11 10:29	11/21/11 19:11	1
1-Methylnaphthalene	<0.017		0.033	0.017	mg/Kg		11/19/11 10:29	11/21/11 19:11	1
3 & 4 Methylphenol	<0.063		0.17	0.063	mg/Kg		11/19/11 10:29	11/21/11 19:11	1
3,3'-Dichlorobenzidine	<0.028		0.17	0.028	mg/Kg		11/19/11 10:29	11/21/11 19:11	1
3-Nitroaniline	<0.064		0.33	0.064	mg/Kg		11/19/11 10:29	11/21/11 19:11	1
4,6-Dinitro-2-methylphenol	<0.081		0.33	0.081	mg/Kg		11/19/11 10:29	11/21/11 19:11	1
4-Bromophenyl phenyl ether	<0.037		0.17	0.037	mg/Kg		11/19/11 10:29	11/21/11 19:11	1
4-Chloro-3-methylphenol	<0.16		0.33	0.16	mg/Kg		11/19/11 10:29	11/21/11 19:11	1
4-Chloroaniline	<0.10		0.67	0.10	mg/Kg		11/19/11 10:29	11/21/11 19:11	1
4-Chlorophenyl phenyl ether	<0.052		0.17	0.052	mg/Kg		11/19/11 10:29	11/21/11 19:11	1
4-Nitroaniline	<0.068		0.33	0.068	mg/Kg		11/19/11 10:29	11/21/11 19:11	1
4-Nitrophenol	<0.18		0.67	0.18	mg/Kg		11/19/11 10:29	11/21/11 19:11	1
Acenaphthene	<0.0099		0.033	0.0099	mg/Kg		11/19/11 10:29	11/21/11 19:11	1
Acenaphthylene	<0.0076		0.033	0.0076	mg/Kg		11/19/11 10:29	11/21/11 19:11	1
Anthracene	<0.0078		0.033	0.0078	mg/Kg		11/19/11 10:29	11/21/11 19:11	1
Benzo[a]anthracene	<0.0070		0.033	0.0070	mg/Kg		11/19/11 10:29	11/21/11 19:11	1
Benzo[a]pyrene	<0.0061		0.033	0.0061	mg/Kg		11/19/11 10:29	11/21/11 19:11	1
Benzo[b]fluoranthene	<0.0065		0.033	0.0065	mg/Kg		11/19/11 10:29	11/21/11 19:11	1
Benzo[g,h,i]perylene	<0.011		0.033	0.011	mg/Kg		11/19/11 10:29	11/21/11 19:11	1
Benzo[k]fluoranthene	<0.0079		0.033	0.0079	mg/Kg		11/19/11 10:29	11/21/11 19:11	1
bis (2-chloroisopropyl) ether	<0.037		0.17	0.037	mg/Kg		11/19/11 10:29	11/21/11 19:11	1
Bis(2-chloroethoxy)methane	<0.037		0.17	0.037	mg/Kg		11/19/11 10:29	11/21/11 19:11	1

QC Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 500-133299/1-A

Matrix: Solid

Analysis Batch: 133406

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 133299

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethyl)ether	<0.049		0.17	0.049	mg/Kg		11/19/11 10:29	11/21/11 19:11	1
Bis(2-ethylhexyl) phthalate	<0.044		0.17	0.044	mg/Kg		11/19/11 10:29	11/21/11 19:11	1
Butyl benzyl phthalate	<0.042		0.17	0.042	mg/Kg		11/19/11 10:29	11/21/11 19:11	1
Carbazole	<0.047		0.17	0.047	mg/Kg		11/19/11 10:29	11/21/11 19:11	1
Chrysene	<0.0075		0.033	0.0075	mg/Kg		11/19/11 10:29	11/21/11 19:11	1
Dibenz(a,h)anthracene	<0.0093		0.033	0.0093	mg/Kg		11/19/11 10:29	11/21/11 19:11	1
Dibenzofuran	<0.040		0.17	0.040	mg/Kg		11/19/11 10:29	11/21/11 19:11	1
Diethyl phthalate	<0.055		0.17	0.055	mg/Kg		11/19/11 10:29	11/21/11 19:11	1
Dimethyl phthalate	<0.042		0.17	0.042	mg/Kg		11/19/11 10:29	11/21/11 19:11	1
Di-n-butyl phthalate	<0.042		0.17	0.042	mg/Kg		11/19/11 10:29	11/21/11 19:11	1
Di-n-octyl phthalate	<0.067		0.17	0.067	mg/Kg		11/19/11 10:29	11/21/11 19:11	1
Fluoranthene	<0.014		0.033	0.014	mg/Kg		11/19/11 10:29	11/21/11 19:11	1
Fluorene	<0.0076		0.033	0.0076	mg/Kg		11/19/11 10:29	11/21/11 19:11	1
Hexachlorobenzene	<0.0065		0.067	0.0065	mg/Kg		11/19/11 10:29	11/21/11 19:11	1
Hexachlorobutadiene	<0.044		0.17	0.044	mg/Kg		11/19/11 10:29	11/21/11 19:11	1
Hexachlorocyclopentadiene	<0.15		0.67	0.15	mg/Kg		11/19/11 10:29	11/21/11 19:11	1
Hexachloroethane	<0.035		0.17	0.035	mg/Kg		11/19/11 10:29	11/21/11 19:11	1
Indeno[1,2,3-cd]pyrene	<0.011		0.033	0.011	mg/Kg		11/19/11 10:29	11/21/11 19:11	1
Isophorone	<0.037		0.17	0.037	mg/Kg		11/19/11 10:29	11/21/11 19:11	1
Naphthalene	<0.0064		0.033	0.0064	mg/Kg		11/19/11 10:29	11/21/11 19:11	1
Nitrobenzene	<0.010		0.033	0.010	mg/Kg		11/19/11 10:29	11/21/11 19:11	1
N-Nitrosodimethylamine	<0.36		0.67	0.36	mg/Kg		11/19/11 10:29	11/21/11 19:11	1
N-Nitrosodi-n-propylamine	<0.042		0.17	0.042	mg/Kg		11/19/11 10:29	11/21/11 19:11	1
Pentachlorophenol	<0.17		0.67	0.17	mg/Kg		11/19/11 10:29	11/21/11 19:11	1
Phenanthrene	<0.014		0.033	0.014	mg/Kg		11/19/11 10:29	11/21/11 19:11	1
Phenol	<0.053		0.17	0.053	mg/Kg		11/19/11 10:29	11/21/11 19:11	1
Pyrene	<0.012		0.033	0.012	mg/Kg		11/19/11 10:29	11/21/11 19:11	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	58		30 - 137	11/19/11 10:29	11/21/11 19:11	1
2-Fluorophenol	72		30 - 110	11/19/11 10:29	11/21/11 19:11	1
2-Fluorobiphenyl	80		27 - 113	11/19/11 10:29	11/21/11 19:11	1
Nitrobenzene-d5	86		22 - 110	11/19/11 10:29	11/21/11 19:11	1
Phenol-d5	77		26 - 112	11/19/11 10:29	11/21/11 19:11	1
Terphenyl-d14	74		33 - 129	11/19/11 10:29	11/21/11 19:11	1

Lab Sample ID: LCS 500-133299/2-A

Matrix: Solid

Analysis Batch: 133406

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 133299

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trichlorobenzene	1.67	1.43		mg/Kg		86	65 - 102
1,2-Dichlorobenzene	1.67	1.34		mg/Kg		80	62 - 100
1,3-Dichlorobenzene	1.67	1.27		mg/Kg		76	60 - 100
1,4-Dichlorobenzene	1.67	1.28		mg/Kg		77	60 - 100
2,4,5-Trichlorophenol	1.67	1.52		mg/Kg		91	67 - 116
2,4,6-Trichlorophenol	1.67	1.26		mg/Kg		75	60 - 114
2,4-Dichlorophenol	1.67	1.46		mg/Kg		88	65 - 108
2,4-Dimethylphenol	1.67	1.35		mg/Kg		81	63 - 106

QC Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-133299/2-A

Matrix: Solid

Analysis Batch: 133406

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 133299

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.
							Limits
2,4-Dinitrophenol	1.67	<0.17	*	mg/Kg		7	10 - 100
2,4-Dinitrotoluene	1.67	1.53		mg/Kg		92	67 - 118
2,6-Dinitrotoluene	1.67	1.44		mg/Kg		86	67 - 116
2-Chloronaphthalene	1.67	1.30		mg/Kg		78	62 - 104
2-Chlorophenol	1.67	1.26		mg/Kg		76	60 - 104
2-Methylphenol	1.67	1.21		mg/Kg		72	60 - 107
2-Nitroaniline	1.67	1.88		mg/Kg		113	62 - 140
2-Methylnaphthalene	1.67	1.39		mg/Kg		84	62 - 101
2-Nitrophenol	1.67	1.40		mg/Kg		84	65 - 106
3 & 4 Methylphenol	1.67	1.53		mg/Kg		92	60 - 118
3,3'-Dichlorobenzidine	1.67	0.893		mg/Kg		54	33 - 100
3-Nitroaniline	1.67	1.12		mg/Kg		67	39 - 101
4,6-Dinitro-2-methylphenol	1.67	0.383		mg/Kg		23	10 - 103
4-Bromophenyl phenyl ether	1.67	1.49		mg/Kg		89	66 - 114
4-Chloro-3-methylphenol	1.67	1.61		mg/Kg		96	60 - 111
4-Chloroaniline	1.67	1.06		mg/Kg		64	33 - 100
4-Chlorophenyl phenyl ether	1.67	1.50		mg/Kg		90	65 - 111
4-Nitroaniline	1.67	1.33		mg/Kg		80	58 - 118
4-Nitrophenol	1.67	1.01		mg/Kg		61	42 - 122
Acenaphthene	1.67	1.46		mg/Kg		88	64 - 105
Acenaphthylene	1.67	1.47		mg/Kg		88	60 - 105
Anthracene	1.67	1.47		mg/Kg		88	63 - 109
Benzo[a]anthracene	1.67	1.45		mg/Kg		87	60 - 114
Benzo[a]pyrene	1.67	1.29		mg/Kg		78	59 - 110
Benzo[b]fluoranthene	1.67	1.27		mg/Kg		76	50 - 118
Benzo[g,h,i]perylene	1.67	1.29		mg/Kg		77	58 - 119
Benzo[k]fluoranthene	1.67	1.34		mg/Kg		80	49 - 116
bis (2-chloroisopropyl) ether	1.67	1.34		mg/Kg		80	46 - 120
Bis(2-chloroethoxy)methane	1.67	1.45		mg/Kg		87	60 - 105
Bis(2-chloroethyl)ether	1.67	1.30		mg/Kg		78	54 - 116
Bis(2-ethylhexyl) phthalate	1.67	1.70		mg/Kg		102	63 - 124
Butyl benzyl phthalate	1.67	1.62		mg/Kg		97	63 - 131
Carbazole	1.67	1.45		mg/Kg		87	65 - 112
Chrysene	1.67	1.42		mg/Kg		85	64 - 112
Dibenz(a,h)anthracene	1.67	1.22		mg/Kg		73	56 - 117
Dibenzofuran	1.67	1.46		mg/Kg		87	64 - 107
Diethyl phthalate	1.67	1.51		mg/Kg		91	64 - 118
Dimethyl phthalate	1.67	1.47		mg/Kg		88	68 - 108
Di-n-butyl phthalate	1.67	1.59		mg/Kg		96	64 - 117
Di-n-octyl phthalate	1.67	1.38		mg/Kg		83	52 - 120
Fluoranthene	1.67	1.52		mg/Kg		91	68 - 113
Fluorene	1.67	1.48		mg/Kg		89	66 - 110
Hexachlorobenzene	1.67	1.52		mg/Kg		91	63 - 118
Hexachlorobutadiene	1.67	1.50		mg/Kg		90	62 - 110
Hexachlorocyclopentadiene	1.67	0.980		mg/Kg		59	22 - 102
Hexachloroethane	1.67	1.31		mg/Kg		79	58 - 100
Indeno[1,2,3-cd]pyrene	1.67	1.27		mg/Kg		76	58 - 118
Isophorone	1.67	1.39		mg/Kg		83	58 - 100
Naphthalene	1.67	1.43		mg/Kg		86	60 - 102
Nitrobenzene	1.67	1.57		mg/Kg		94	63 - 108

QC Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-133299/2-A

Matrix: Solid

Analysis Batch: 133406

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 133299

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
N-Nitrosodimethylamine	1.67	1.17		mg/Kg		70	44 - 111
N-Nitrosodi-n-propylamine	1.67	1.51		mg/Kg		90	58 - 117
Pentachlorophenol	1.67	0.907		mg/Kg		54	25 - 119
Phenanthrene	1.67	1.45		mg/Kg		87	63 - 117
Phenol	1.67	1.31		mg/Kg		78	59 - 110
Pyrene	1.67	1.45		mg/Kg		87	62 - 117

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol	85		30 - 137
2-Fluorophenol	77		30 - 110
2-Fluorobiphenyl	91		27 - 113
Nitrobenzene-d5	93		22 - 110
Phenol-d5	76		26 - 112
Terphenyl-d14	90		33 - 129

Lab Sample ID: 500-42095-1 MS

Matrix: Solid

Analysis Batch: 133580

Client Sample ID: WUK0363-01

Prep Type: Total/NA

Prep Batch: 133299

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trichlorobenzene	<0.047		2.11	1.69		mg/Kg	☼	80	65 - 102
1,2-Dichlorobenzene	<0.046		2.11	1.50		mg/Kg	☼	71	62 - 100
1,3-Dichlorobenzene	<0.044		2.11	1.36		mg/Kg	☼	65	60 - 100
1,4-Dichlorobenzene	<0.044		2.11	1.41		mg/Kg	☼	67	60 - 100
2,4,5-Trichlorophenol	<0.12		2.11	2.06		mg/Kg	☼	97	67 - 116
2,4,6-Trichlorophenol	<0.053		2.11	1.87		mg/Kg	☼	88	60 - 114
2,4-Dichlorophenol	<0.13		2.11	1.80		mg/Kg	☼	85	65 - 108
2,4-Dimethylphenol	<0.13		2.11	1.71		mg/Kg	☼	81	63 - 106
2,4-Dinitrophenol	<0.21	*	2.11	1.00		mg/Kg	☼	47	10 - 100
2,4-Dinitrotoluene	<0.064		2.11	2.00		mg/Kg	☼	95	67 - 118
2,6-Dinitrotoluene	<0.050		2.11	1.87		mg/Kg	☼	88	67 - 116
2-Chloronaphthalene	<0.047		2.11	1.65		mg/Kg	☼	78	62 - 104
2-Chlorophenol	<0.060		2.11	1.49		mg/Kg	☼	70	60 - 104
2-Methylphenol	<0.056		2.11	1.53		mg/Kg	☼	72	60 - 107
2-Nitroaniline	<0.075		2.11	2.46		mg/Kg	☼	116	62 - 140
2-Methylnaphthalene	<0.054		2.11	1.65		mg/Kg	☼	78	62 - 101
2-Nitrophenol	<0.066		2.11	1.64		mg/Kg	☼	78	65 - 106
3 & 4 Methylphenol	<0.079		2.11	1.86		mg/Kg	☼	88	60 - 118
3,3'-Dichlorobenzidine	<0.035		2.11	1.53		mg/Kg	☼	72	33 - 100
3-Nitroaniline	<0.081		2.11	1.65		mg/Kg	☼	78	39 - 101
4,6-Dinitro-2-methylphenol	<0.10		2.11	1.30		mg/Kg	☼	62	10 - 103
4-Bromophenyl phenyl ether	<0.047		2.11	1.98		mg/Kg	☼	94	66 - 114
4-Chloro-3-methylphenol	<0.20		2.11	2.01		mg/Kg	☼	95	60 - 111
4-Chloroaniline	<0.13		2.11	1.49		mg/Kg	☼	70	33 - 100
4-Chlorophenyl phenyl ether	<0.066		2.11	1.93		mg/Kg	☼	92	65 - 111
4-Nitroaniline	<0.086		2.11	1.85		mg/Kg	☼	88	58 - 118
4-Nitrophenol	<0.23		2.11	1.52		mg/Kg	☼	72	42 - 122
Acenaphthene	0.030	J	2.11	1.88		mg/Kg	☼	88	60 - 105
Acenaphthylene	<0.0096		2.11	1.84		mg/Kg	☼	87	65 - 105

QC Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 500-42095-1 MS

Matrix: Solid

Analysis Batch: 133580

Client Sample ID: WUK0363-01

Prep Type: Total/NA

Prep Batch: 133299

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.	Limits
	Result	Qualifier	Added	Result	Qualifier					
Anthracene	0.073		2.11	2.10		mg/Kg	*	96	63 - 109	
Benzo[a]anthracene	0.84		2.11	3.30	F	mg/Kg	*	116	60 - 114	
Benzo[a]pyrene	0.96		2.11	2.96		mg/Kg	*	94	59 - 110	
Benzo[b]fluoranthene	1.1		2.11	3.48		mg/Kg	*	114	50 - 118	
Benzo[g,h,i]perylene	0.58		2.11	2.84		mg/Kg	*	107	58 - 119	
Benzo[k]fluoranthene	0.62		2.11	1.98		mg/Kg	*	65	49 - 116	
bis(2-chloroisopropyl) ether	<0.046		2.11	1.54		mg/Kg	*	73	46 - 120	
Bis(2-chloroethoxy)methane	<0.046		2.11	1.71		mg/Kg	*	81	60 - 105	
Bis(2-chloroethyl)ether	<0.062		2.11	1.46		mg/Kg	*	69	54 - 116	
Bis(2-ethylhexyl) phthalate	<0.055		2.11	2.38		mg/Kg	*	113	63 - 124	
Butyl benzyl phthalate	<0.052		2.11	2.27		mg/Kg	*	108	63 - 131	
Carbazole	0.069	J	2.11	2.07		mg/Kg	*	95	65 - 112	
Chrysene	0.95		2.11	3.38	F	mg/Kg	*	115	64 - 112	
Dibenz(a,h)anthracene	0.22		2.11	1.94		mg/Kg	*	81	56 - 117	
Dibenzofuran	<0.050		2.11	1.90		mg/Kg	*	90	64 - 107	
Diethyl phthalate	<0.070		2.11	2.09		mg/Kg	*	99	64 - 118	
Dimethyl phthalate	<0.052		2.11	1.92		mg/Kg	*	91	68 - 108	
Di-n-butyl phthalate	<0.053		2.11	2.14		mg/Kg	*	102	64 - 117	
Di-n-octyl phthalate	<0.085		2.11	1.77		mg/Kg	*	84	52 - 120	
Fluoranthene	1.2		2.11	3.27		mg/Kg	*	98	68 - 113	
Fluorene	<0.0095		2.11	1.91		mg/Kg	*	90	66 - 110	
Hexachlorobenzene	<0.0082		2.11	2.17		mg/Kg	*	103	63 - 118	
Hexachlorobutadiene	<0.055		2.11	1.76		mg/Kg	*	83	62 - 110	
Hexachlorocyclopentadiene	<0.19		2.11	<0.20	F	mg/Kg	*	0	22 - 102	
Hexachloroethane	<0.045		2.11	1.35		mg/Kg	*	64	58 - 100	
Indeno[1,2,3-cd]pyrene	0.50		2.11	2.63		mg/Kg	*	101	58 - 118	
Isophorone	<0.047		2.11	1.63		mg/Kg	*	77	58 - 100	
Naphthalene	0.0095	J	2.11	1.71		mg/Kg	*	81	60 - 102	
Nitrobenzene	<0.013		2.11	1.76		mg/Kg	*	83	63 - 108	
N-Nitrosodimethylamine	<0.46		2.11	1.34		mg/Kg	*	63	44 - 111	
N-Nitrosodi-n-propylamine	<0.053		2.11	1.73		mg/Kg	*	82	58 - 117	
Pentachlorophenol	<0.21		2.11	0.891		mg/Kg	*	42	25 - 119	
Phenanthrene	0.30		2.11	2.45		mg/Kg	*	102	63 - 117	
Phenol	<0.066		2.11	1.57		mg/Kg	*	74	59 - 110	
Pyrene	0.93		2.11	3.37		mg/Kg	*	115	62 - 117	

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
2,4,6-Tribromophenol	89		30 - 137
2-Fluorophenol	70		30 - 110
2-Fluorobiphenyl	85		27 - 113
Nitrobenzene-d5	84		22 - 110
Phenol-d5	74		26 - 112
Terphenyl-d14	100		33 - 129

QC Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 500-42095-1 MSD

Matrix: Solid

Analysis Batch: 133580

Client Sample ID: WUK0363-01

Prep Type: Total/NA

Prep Batch: 133299

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec.		RPD	Limit
									Limits	RPD		
1,2,4-Trichlorobenzene	<0.047		2.10	1.58		mg/Kg	☼	75	65 - 102	7	30	
1,2-Dichlorobenzene	<0.046		2.10	1.42		mg/Kg	☼	67	62 - 100	6	30	
1,3-Dichlorobenzene	<0.044		2.10	1.25	F	mg/Kg	☼	59	60 - 100	9	30	
1,4-Dichlorobenzene	<0.044		2.10	1.29		mg/Kg	☼	61	60 - 100	9	30	
2,4,5-Trichlorophenol	<0.12		2.10	2.02		mg/Kg	☼	96	67 - 116	2	30	
2,4,6-Trichlorophenol	<0.053		2.10	1.83		mg/Kg	☼	87	60 - 114	2	30	
2,4-Dichlorophenol	<0.13		2.10	1.87		mg/Kg	☼	89	65 - 108	4	30	
2,4-Dimethylphenol	<0.13		2.10	1.70		mg/Kg	☼	81	63 - 106	1	30	
2,4-Dinitrophenol	<0.21	*	2.10	1.28		mg/Kg	☼	61	10 - 100	24	30	
2,4-Dinitrotoluene	<0.064		2.10	2.03		mg/Kg	☼	96	67 - 118	1	30	
2,6-Dinitrotoluene	<0.050		2.10	1.92		mg/Kg	☼	91	67 - 116	3	30	
2-Chloronaphthalene	<0.047		2.10	1.61		mg/Kg	☼	76	62 - 104	2	30	
2-Chlorophenol	<0.060		2.10	1.44		mg/Kg	☼	68	60 - 104	3	30	
2-Methylphenol	<0.056		2.10	1.64		mg/Kg	☼	78	60 - 107	7	30	
2-Nitroaniline	<0.075		2.10	2.47		mg/Kg	☼	117	62 - 140	1	30	
2-Methylnaphthalene	<0.054		2.10	1.62		mg/Kg	☼	77	62 - 101	2	30	
2-Nitrophenol	<0.066		2.10	1.62		mg/Kg	☼	77	65 - 106	2	30	
3 & 4 Methylphenol	<0.079		2.10	1.86		mg/Kg	☼	88	60 - 118	0	30	
3,3'-Dichlorobenzidine	<0.035		2.10	1.30		mg/Kg	☼	62	33 - 100	16	30	
3-Nitroaniline	<0.081		2.10	1.78		mg/Kg	☼	85	39 - 101	8	30	
4,6-Dinitro-2-methylphenol	<0.10		2.10	1.34		mg/Kg	☼	64	10 - 103	3	30	
4-Bromophenyl phenyl ether	<0.047		2.10	1.90		mg/Kg	☼	90	66 - 114	4	30	
4-Chloro-3-methylphenol	<0.20		2.10	1.98		mg/Kg	☼	94	60 - 111	1	30	
4-Chloroaniline	<0.13		2.10	1.42		mg/Kg	☼	67	33 - 100	5	30	
4-Chlorophenyl phenyl ether	<0.066		2.10	1.94		mg/Kg	☼	92	65 - 111	0	30	
4-Nitroaniline	<0.086		2.10	1.86		mg/Kg	☼	88	58 - 118	0	30	
4-Nitrophenol	<0.23		2.10	1.76		mg/Kg	☼	84	42 - 122	15	30	
Acenaphthene	0.030	J	2.10	1.83		mg/Kg	☼	85	60 - 105	3	30	
Acenaphthylene	<0.0096		2.10	1.80		mg/Kg	☼	86	65 - 105	2	30	
Anthracene	0.073		2.10	1.87		mg/Kg	☼	85	63 - 109	12	30	
Benzo[a]anthracene	0.84		2.10	2.22	F	mg/Kg	☼	65	60 - 114	39	30	
Benzo[a]pyrene	0.96		2.10	2.14	F	mg/Kg	☼	56	59 - 110	32	30	
Benzo[b]fluoranthene	1.1		2.10	2.28	F	mg/Kg	☼	57	50 - 118	42	30	
Benzo[g,h,i]perylene	0.58		2.10	2.06	F	mg/Kg	☼	71	58 - 119	32	30	
Benzo[k]fluoranthene	0.62		2.10	1.62	F	mg/Kg	☼	47	49 - 116	20	30	
bis (2-chloroisopropyl) ether	<0.046		2.10	1.46		mg/Kg	☼	70	46 - 120	5	30	
Bis(2-chloroethoxy)methane	<0.046		2.10	1.63		mg/Kg	☼	78	60 - 105	5	30	
Bis(2-chloroethyl)ether	<0.062		2.10	1.38		mg/Kg	☼	66	54 - 116	5	30	
Bis(2-ethylhexyl) phthalate	<0.055		2.10	2.04		mg/Kg	☼	97	63 - 124	15	30	
Butyl benzyl phthalate	<0.052		2.10	2.00		mg/Kg	☼	95	63 - 131	13	30	
Carbazole	0.069	J	2.10	1.83		mg/Kg	☼	84	65 - 112	13	30	
Chrysene	0.95		2.10	2.39	F	mg/Kg	☼	68	64 - 112	34	30	
Dibenz(a,h)anthracene	0.22		2.10	1.61		mg/Kg	☼	66	56 - 117	19	30	
Dibenzofuran	<0.050		2.10	1.86		mg/Kg	☼	89	64 - 107	2	30	
Diethyl phthalate	<0.070		2.10	1.96		mg/Kg	☼	93	64 - 118	6	30	
Dimethyl phthalate	<0.052		2.10	1.85		mg/Kg	☼	88	68 - 108	3	30	
Di-n-butyl phthalate	<0.053		2.10	1.85		mg/Kg	☼	88	64 - 117	15	30	
Di-n-octyl phthalate	<0.085		2.10	1.56		mg/Kg	☼	74	52 - 120	13	30	
Fluoranthene	1.2		2.10	2.45	F	mg/Kg	☼	60	68 - 113	29	30	

QC Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 500-42095-1 MSD

Matrix: Solid

Analysis Batch: 133580

Client Sample ID: WUK0363-01

Prep Type: Total/NA

Prep Batch: 133299

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Fluorene	<0.0095		2.10	1.89		mg/Kg	*	90	66 - 110	1	30
Hexachlorobenzene	<0.0082		2.10	1.96		mg/Kg	*	93	63 - 118	10	30
Hexachlorobutadiene	<0.055		2.10	1.65		mg/Kg	*	78	62 - 110	7	30
Hexachlorocyclopentadiene	<0.19		2.10	<0.19	F	mg/Kg	*	0	22 - 102	NC	30
Hexachloroethane	<0.045		2.10	1.25		mg/Kg	*	60	58 - 100	7	30
Indeno[1,2,3-cd]pyrene	0.50		2.10	1.95		mg/Kg	*	69	58 - 118	30	30
Isophorone	<0.047		2.10	1.54		mg/Kg	*	73	58 - 100	6	30
Naphthalene	0.0095	J	2.10	1.60		mg/Kg	*	76	60 - 102	7	30
Nitrobenzene	<0.013		2.10	1.69		mg/Kg	*	80	63 - 108	4	30
N-Nitrosodimethylamine	<0.46		2.10	1.27		mg/Kg	*	60	44 - 111	5	30
N-Nitrosodi-n-propylamine	<0.053		2.10	1.66		mg/Kg	*	79	58 - 117	4	30
Pentachlorophenol	<0.21		2.10	1.05		mg/Kg	*	50	25 - 119	16	30
Phenanthrene	0.30		2.10	2.07		mg/Kg	*	84	63 - 117	17	30
Phenol	<0.066		2.10	1.54		mg/Kg	*	73	59 - 110	2	30
Pyrene	0.93		2.10	2.23	F	mg/Kg	*	61	62 - 117	41	30

Surrogate	MSD %Recovery	MSD Qualifier	Limits
2,4,6-Tribromophenol	99		30 - 137
2-Fluorophenol	67		30 - 110
2-Fluorobiphenyl	82		27 - 113
Nitrobenzene-d5	79		22 - 110
Phenol-d5	73		26 - 112
Terphenyl-d14	88		33 - 129

Lab Sample ID: MB 500-133388/1-A

Matrix: Solid

Analysis Batch: 133406

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 133388

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,2,4-Trichlorobenzene	<0.038		0.17	0.038	mg/Kg		11/20/11 22:06	11/21/11 18:50	1
1,2-Dichlorobenzene	<0.036		0.17	0.036	mg/Kg		11/20/11 22:06	11/21/11 18:50	1
1,3-Dichlorobenzene	<0.035		0.17	0.035	mg/Kg		11/20/11 22:06	11/21/11 18:50	1
1,4-Dichlorobenzene	<0.035		0.17	0.035	mg/Kg		11/20/11 22:06	11/21/11 18:50	1
2,4,5-Trichlorophenol	<0.095		0.33	0.095	mg/Kg		11/20/11 22:06	11/21/11 18:50	1
2,4,6-Trichlorophenol	<0.042		0.33	0.042	mg/Kg		11/20/11 22:06	11/21/11 18:50	1
2,4-Dichlorophenol	<0.10		0.33	0.10	mg/Kg		11/20/11 22:06	11/21/11 18:50	1
2,4-Dimethylphenol	<0.10		0.33	0.10	mg/Kg		11/20/11 22:06	11/21/11 18:50	1
2,4-Dinitrophenol	<0.17		0.67	0.17	mg/Kg		11/20/11 22:06	11/21/11 18:50	1
2,4-Dinitrotoluene	<0.051		0.17	0.051	mg/Kg		11/20/11 22:06	11/21/11 18:50	1
2,6-Dinitrotoluene	<0.040		0.17	0.040	mg/Kg		11/20/11 22:06	11/21/11 18:50	1
2-Chloronaphthalene	<0.037		0.17	0.037	mg/Kg		11/20/11 22:06	11/21/11 18:50	1
2-Chlorophenol	<0.048		0.17	0.048	mg/Kg		11/20/11 22:06	11/21/11 18:50	1
2-Methylphenol	<0.044		0.17	0.044	mg/Kg		11/20/11 22:06	11/21/11 18:50	1
2-Nitroaniline	<0.060		0.17	0.060	mg/Kg		11/20/11 22:06	11/21/11 18:50	1
2-Methylnaphthalene	<0.043		0.17	0.043	mg/Kg		11/20/11 22:06	11/21/11 18:50	1
2-Nitrophenol	<0.052		0.33	0.052	mg/Kg		11/20/11 22:06	11/21/11 18:50	1
1-Methylnaphthalene	<0.017		0.033	0.017	mg/Kg		11/20/11 22:06	11/21/11 18:50	1
3 & 4 Methylphenol	<0.063		0.17	0.063	mg/Kg		11/20/11 22:06	11/21/11 18:50	1
3,3'-Dichlorobenzidine	<0.028		0.17	0.028	mg/Kg		11/20/11 22:06	11/21/11 18:50	1

QC Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 500-133388/1-A

Matrix: Solid

Analysis Batch: 133406

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 133388

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
3-Nitroaniline	<0.064		0.33	0.064	mg/Kg		11/20/11 22:06	11/21/11 18:50	1
4,6-Dinitro-2-methylphenol	<0.081		0.33	0.081	mg/Kg		11/20/11 22:06	11/21/11 18:50	1
4-Bromophenyl phenyl ether	<0.037		0.17	0.037	mg/Kg		11/20/11 22:06	11/21/11 18:50	1
4-Chloro-3-methylphenol	<0.16		0.33	0.16	mg/Kg		11/20/11 22:06	11/21/11 18:50	1
4-Chloroaniline	<0.10		0.67	0.10	mg/Kg		11/20/11 22:06	11/21/11 18:50	1
4-Chlorophenyl phenyl ether	<0.052		0.17	0.052	mg/Kg		11/20/11 22:06	11/21/11 18:50	1
4-Nitroaniline	<0.068		0.33	0.068	mg/Kg		11/20/11 22:06	11/21/11 18:50	1
4-Nitrophenol	<0.18		0.67	0.18	mg/Kg		11/20/11 22:06	11/21/11 18:50	1
Acenaphthene	<0.0099		0.033	0.0099	mg/Kg		11/20/11 22:06	11/21/11 18:50	1
Acenaphthylene	<0.0076		0.033	0.0076	mg/Kg		11/20/11 22:06	11/21/11 18:50	1
Anthracene	<0.0078		0.033	0.0078	mg/Kg		11/20/11 22:06	11/21/11 18:50	1
Benzo[a]anthracene	<0.0070		0.033	0.0070	mg/Kg		11/20/11 22:06	11/21/11 18:50	1
Benzo[a]pyrene	<0.0061		0.033	0.0061	mg/Kg		11/20/11 22:06	11/21/11 18:50	1
Benzo[b]fluoranthene	<0.0065		0.033	0.0065	mg/Kg		11/20/11 22:06	11/21/11 18:50	1
Benzo[g,h,i]perylene	<0.011		0.033	0.011	mg/Kg		11/20/11 22:06	11/21/11 18:50	1
Benzo[k]fluoranthene	<0.0079		0.033	0.0079	mg/Kg		11/20/11 22:06	11/21/11 18:50	1
bis(2-chloroisopropyl) ether	<0.037		0.17	0.037	mg/Kg		11/20/11 22:06	11/21/11 18:50	1
Bis(2-chloroethoxy)methane	<0.037		0.17	0.037	mg/Kg		11/20/11 22:06	11/21/11 18:50	1
Bis(2-chloroethyl)ether	<0.049		0.17	0.049	mg/Kg		11/20/11 22:06	11/21/11 18:50	1
Bis(2-ethylhexyl) phthalate	<0.044		0.17	0.044	mg/Kg		11/20/11 22:06	11/21/11 18:50	1
Butyl benzyl phthalate	<0.042		0.17	0.042	mg/Kg		11/20/11 22:06	11/21/11 18:50	1
Carbazole	<0.047		0.17	0.047	mg/Kg		11/20/11 22:06	11/21/11 18:50	1
Chrysene	<0.0075		0.033	0.0075	mg/Kg		11/20/11 22:06	11/21/11 18:50	1
Dibenz(a,h)anthracene	<0.0093		0.033	0.0093	mg/Kg		11/20/11 22:06	11/21/11 18:50	1
Dibenzofuran	<0.040		0.17	0.040	mg/Kg		11/20/11 22:06	11/21/11 18:50	1
Diethyl phthalate	<0.055		0.17	0.055	mg/Kg		11/20/11 22:06	11/21/11 18:50	1
Dimethyl phthalate	<0.042		0.17	0.042	mg/Kg		11/20/11 22:06	11/21/11 18:50	1
Di-n-butyl phthalate	<0.042		0.17	0.042	mg/Kg		11/20/11 22:06	11/21/11 18:50	1
Di-n-octyl phthalate	<0.067		0.17	0.067	mg/Kg		11/20/11 22:06	11/21/11 18:50	1
Fluoranthene	<0.014		0.033	0.014	mg/Kg		11/20/11 22:06	11/21/11 18:50	1
Fluorene	<0.0076		0.033	0.0076	mg/Kg		11/20/11 22:06	11/21/11 18:50	1
Hexachlorobenzene	<0.0065		0.067	0.0065	mg/Kg		11/20/11 22:06	11/21/11 18:50	1
Hexachlorobutadiene	<0.044		0.17	0.044	mg/Kg		11/20/11 22:06	11/21/11 18:50	1
Hexachlorocyclopentadiene	<0.15		0.67	0.15	mg/Kg		11/20/11 22:06	11/21/11 18:50	1
Hexachloroethane	<0.035		0.17	0.035	mg/Kg		11/20/11 22:06	11/21/11 18:50	1
Indeno[1,2,3-cd]pyrene	<0.011		0.033	0.011	mg/Kg		11/20/11 22:06	11/21/11 18:50	1
Isophorone	<0.037		0.17	0.037	mg/Kg		11/20/11 22:06	11/21/11 18:50	1
Naphthalene	<0.0064		0.033	0.0064	mg/Kg		11/20/11 22:06	11/21/11 18:50	1
Nitrobenzene	<0.010		0.033	0.010	mg/Kg		11/20/11 22:06	11/21/11 18:50	1
N-Nitrosodimethylamine	<0.36		0.67	0.36	mg/Kg		11/20/11 22:06	11/21/11 18:50	1
N-Nitrosodi-n-propylamine	<0.042		0.17	0.042	mg/Kg		11/20/11 22:06	11/21/11 18:50	1
Pentachlorophenol	<0.17		0.67	0.17	mg/Kg		11/20/11 22:06	11/21/11 18:50	1
Phenanthrene	<0.014		0.033	0.014	mg/Kg		11/20/11 22:06	11/21/11 18:50	1
Phenol	<0.053		0.17	0.053	mg/Kg		11/20/11 22:06	11/21/11 18:50	1
Pyrene	<0.012		0.033	0.012	mg/Kg		11/20/11 22:06	11/21/11 18:50	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
2,4,6-Tribromophenol	80		30 - 137	11/20/11 22:06	11/21/11 18:50	1
2-Fluorophenol	81		30 - 110	11/20/11 22:06	11/21/11 18:50	1

QC Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 500-133388/1-A
Matrix: Solid
Analysis Batch: 133406

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 133388

Surrogate	MB MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery Qualifier				
2-Fluorobiphenyl	95	27 - 113	11/20/11 22:06	11/21/11 18:50	1
Nitrobenzene-d5	102	22 - 110	11/20/11 22:06	11/21/11 18:50	1
Phenol-d5	90	26 - 112	11/20/11 22:06	11/21/11 18:50	1
Terphenyl-d14	88	33 - 129	11/20/11 22:06	11/21/11 18:50	1

Lab Sample ID: LCS 500-133388/2-A
Matrix: Solid
Analysis Batch: 133406

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 133388

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trichlorobenzene	1.67	1.63		mg/Kg		98	65 - 102
1,2-Dichlorobenzene	1.67	1.52		mg/Kg		91	62 - 100
1,3-Dichlorobenzene	1.67	1.43		mg/Kg		86	60 - 100
1,4-Dichlorobenzene	1.67	1.44		mg/Kg		86	60 - 100
2,4,5-Trichlorophenol	1.67	1.73		mg/Kg		104	67 - 116
2,4,6-Trichlorophenol	1.67	1.58		mg/Kg		95	60 - 114
2,4-Dichlorophenol	1.67	1.70		mg/Kg		102	65 - 108
2,4-Dimethylphenol	1.67	1.59		mg/Kg		95	63 - 106
2,4-Dinitrophenol	1.67	0.198	J	mg/Kg		12	10 - 100
2,4-Dinitrotoluene	1.67	1.70		mg/Kg		102	67 - 118
2,6-Dinitrotoluene	1.67	1.79		mg/Kg		107	67 - 116
2-Chloronaphthalene	1.67	1.55		mg/Kg		93	62 - 104
2-Chlorophenol	1.67	1.46		mg/Kg		88	60 - 104
2-Methylphenol	1.67	1.49		mg/Kg		90	60 - 107
2-Nitroaniline	1.67	2.23		mg/Kg		134	62 - 140
2-Methylnaphthalene	1.67	1.66		mg/Kg		100	62 - 101
2-Nitrophenol	1.67	1.60		mg/Kg		96	65 - 106
3 & 4 Methylphenol	1.67	1.89		mg/Kg		113	60 - 118
3,3'-Dichlorobenzidine	1.67	1.28		mg/Kg		77	33 - 100
3-Nitroaniline	1.67	1.63		mg/Kg		98	39 - 101
4,6-Dinitro-2-methylphenol	1.67	0.517		mg/Kg		31	10 - 103
4-Bromophenyl phenyl ether	1.67	1.71		mg/Kg		103	66 - 114
4-Chloro-3-methylphenol	1.67	1.89	*	mg/Kg		113	60 - 111
4-Chloroaniline	1.67	1.46		mg/Kg		88	33 - 100
4-Chlorophenyl phenyl ether	1.67	1.74		mg/Kg		104	65 - 111
4-Nitroaniline	1.67	1.74		mg/Kg		105	58 - 118
4-Nitrophenol	1.67	1.24		mg/Kg		74	42 - 122
Acenaphthene	1.67	1.73		mg/Kg		104	64 - 105
Acenaphthylene	1.67	1.74		mg/Kg		105	60 - 105
Anthracene	1.67	1.58		mg/Kg		95	63 - 109
Benzo[a]anthracene	1.67	1.72		mg/Kg		103	60 - 114
Benzo[a]pyrene	1.67	1.58		mg/Kg		95	59 - 110
Benzo[b]fluoranthene	1.67	1.47		mg/Kg		88	50 - 118
Benzo[g,h,i]perylene	1.67	1.68		mg/Kg		101	58 - 119
Benzo[k]fluoranthene	1.67	1.64		mg/Kg		99	49 - 116
bis (2-chloroisopropyl) ether	1.67	1.50		mg/Kg		90	46 - 120
Bis(2-chloroethoxy)methane	1.67	1.69		mg/Kg		101	60 - 105
Bis(2-chloroethyl)ether	1.67	1.48		mg/Kg		89	54 - 116
Bis(2-ethylhexyl) phthalate	1.67	1.97		mg/Kg		118	63 - 124

QC Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-133388/2-A

Matrix: Solid

Analysis Batch: 133406

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 133388

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.	
							Limits	
Butyl benzyl phthalate	1.67	1.87		mg/Kg		112	63 - 131	
Carbazole	1.67	1.60		mg/Kg		96	65 - 112	
Chrysene	1.67	1.63		mg/Kg		98	64 - 112	
Dibenz(a,h)anthracene	1.67	1.54		mg/Kg		93	56 - 117	
Dibenzofuran	1.67	1.71		mg/Kg		103	64 - 107	
Diethyl phthalate	1.67	1.82		mg/Kg		109	64 - 118	
Dimethyl phthalate	1.67	1.72		mg/Kg		103	68 - 108	
Di-n-butyl phthalate	1.67	1.73		mg/Kg		104	64 - 117	
Di-n-octyl phthalate	1.67	1.63		mg/Kg		98	52 - 120	
Fluoranthene	1.67	1.66		mg/Kg		100	68 - 113	
Fluorene	1.67	1.75		mg/Kg		105	66 - 110	
Hexachlorobenzene	1.67	1.73		mg/Kg		104	63 - 118	
Hexachlorobutadiene	1.67	1.71		mg/Kg		103	62 - 110	
Hexachlorocyclopentadiene	1.67	1.12		mg/Kg		67	22 - 102	
Hexachloroethane	1.67	1.47		mg/Kg		88	58 - 100	
Indeno[1,2,3-cd]pyrene	1.67	1.65		mg/Kg		99	58 - 118	
Isophorone	1.67	1.62		mg/Kg		97	58 - 100	
Naphthalene	1.67	1.69		mg/Kg		101	60 - 102	
Nitrobenzene	1.67	1.78		mg/Kg		107	63 - 108	
N-Nitrosodimethylamine	1.67	1.31		mg/Kg		78	44 - 111	
N-Nitrosodi-n-propylamine	1.67	1.73		mg/Kg		104	58 - 117	
Pentachlorophenol	1.67	1.09		mg/Kg		65	25 - 119	
Phenanthrene	1.67	1.90		mg/Kg		114	63 - 117	
Phenol	1.67	1.53		mg/Kg		92	59 - 110	
Pyrene	1.67	1.63		mg/Kg		98	62 - 117	

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
2,4,6-Tribromophenol	98		30 - 137
2-Fluorophenol	89		30 - 110
2-Fluorobiphenyl	106		27 - 113
Nitrobenzene-d5	108		22 - 110
Phenol-d5	91		26 - 112
Terphenyl-d14	100		33 - 129

Lab Sample ID: 500-42095-22 MS

Matrix: Solid

Analysis Batch: 133465

Client Sample ID: WUK0363-22

Prep Type: Total/NA

Prep Batch: 133388

Analyte	Sample Result	Sample Qualifier	Spike Added	MS MS		Unit	D	%Rec	%Rec.	
				Result	Qualifier				Limits	
2-Methylnaphthalene	<0.050		1.90	1.49		mg/Kg	*	78	62 - 101	
Acenaphthene	0.020	J	1.90	1.66		mg/Kg	*	86	60 - 105	
Acenaphthylene	0.031	J	1.90	1.65		mg/Kg	*	85	65 - 105	
Anthracene	0.12		1.90	1.71		mg/Kg	*	83	63 - 109	
Benzo[a]anthracene	0.45		1.90	2.02		mg/Kg	*	82	60 - 114	
Benzo[a]pyrene	0.46		1.90	1.87		mg/Kg	*	74	59 - 110	
Benzo[b]fluoranthene	0.49		1.90	2.03		mg/Kg	*	81	50 - 118	
Benzo[g,h,i]perylene	0.31		1.90	1.81		mg/Kg	*	79	58 - 119	
Benzo[k]fluoranthene	0.35		1.90	1.61		mg/Kg	*	66	49 - 116	
Chrysene	0.50		1.90	1.94		mg/Kg	*	75	64 - 112	

QC Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 500-42095-22 MS

Matrix: Solid

Analysis Batch: 133465

Client Sample ID: WUK0363-22

Prep Type: Total/NA

Prep Batch: 133388

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.	Limits
	Result	Qualifier	Added	Result	Qualifier					
Dibenz(a,h)anthracene	0.10		1.90	1.71		mg/Kg	☼	85	56 - 117	
Fluoranthene	0.66		1.90	2.04		mg/Kg	☼	72	68 - 113	
Fluorene	0.027	J	1.90	1.77		mg/Kg	☼	92	66 - 110	
Indeno[1,2,3-cd]pyrene	0.29		1.90	1.85		mg/Kg	☼	82	58 - 118	
Naphthalene	0.032	J	1.90	1.52		mg/Kg	☼	78	60 - 102	
Phenanthrene	0.26		1.90	1.84		mg/Kg	☼	83	63 - 117	
Pyrene	0.56		1.90	1.88		mg/Kg	☼	69	62 - 117	

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
2-Fluorobiphenyl	82		27 - 113
Nitrobenzene-d5	77		22 - 110
Terphenyl-d14	92		33 - 129

Lab Sample ID: 500-42095-22 MSD

Matrix: Solid

Analysis Batch: 133465

Client Sample ID: WUK0363-22

Prep Type: Total/NA

Prep Batch: 133388

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	Limits	RPD	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier								
2-Methylnaphthalene	<0.050		1.91	1.70		mg/Kg	☼	89	62 - 101	13	30		
Acenaphthene	0.020	J	1.91	1.85		mg/Kg	☼	96	60 - 105	11	30		
Acenaphthylene	0.031	J	1.91	1.88		mg/Kg	☼	97	65 - 105	13	30		
Anthracene	0.12		1.91	2.01		mg/Kg	☼	99	63 - 109	16	30		
Benzo[a]anthracene	0.45		1.91	2.09		mg/Kg	☼	86	60 - 114	4	30		
Benzo[a]pyrene	0.46		1.91	2.04		mg/Kg	☼	83	59 - 110	9	30		
Benzo[b]fluoranthene	0.49		1.91	2.03		mg/Kg	☼	81	50 - 118	0	30		
Benzo[g,h,i]perylene	0.31		1.91	2.00		mg/Kg	☼	88	58 - 119	10	30		
Benzo[k]fluoranthene	0.35		1.91	1.87		mg/Kg	☼	80	49 - 116	15	30		
Chrysene	0.50		1.91	2.10		mg/Kg	☼	84	64 - 112	8	30		
Dibenz(a,h)anthracene	0.10		1.91	1.90		mg/Kg	☼	95	56 - 117	11	30		
Fluoranthene	0.66		1.91	2.50		mg/Kg	☼	96	68 - 113	21	30		
Fluorene	0.027	J	1.91	2.00		mg/Kg	☼	103	66 - 110	12	30		
Indeno[1,2,3-cd]pyrene	0.29		1.91	2.06		mg/Kg	☼	92	58 - 118	10	30		
Naphthalene	0.032	J	1.91	1.72		mg/Kg	☼	88	60 - 102	12	30		
Phenanthrene	0.26		1.91	2.15		mg/Kg	☼	99	63 - 117	15	30		
Pyrene	0.56		1.91	2.04		mg/Kg	☼	78	62 - 117	8	30		

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
2-Fluorobiphenyl	90		27 - 113
Nitrobenzene-d5	83		22 - 110
Terphenyl-d14	97		33 - 129

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

Lab Sample ID: MB 500-133259/1-A

Matrix: Solid

Analysis Batch: 133371

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 133259

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
PCB-1016	<0.0060		0.017	0.0060	mg/Kg		11/18/11 18:58	11/20/11 12:43	1

QC Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

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

Lab Sample ID: MB 500-133259/1-A
Matrix: Solid
Analysis Batch: 133371

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 133259

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	<0.014		0.017	0.014	mg/Kg		11/18/11 18:58	11/20/11 12:43	1
PCB-1232	<0.0065		0.017	0.0065	mg/Kg		11/18/11 18:58	11/20/11 12:43	1
PCB-1242	<0.0080		0.017	0.0080	mg/Kg		11/18/11 18:58	11/20/11 12:43	1
PCB-1248	<0.0061		0.017	0.0061	mg/Kg		11/18/11 18:58	11/20/11 12:43	1
PCB-1254	<0.0048		0.017	0.0048	mg/Kg		11/18/11 18:58	11/20/11 12:43	1
PCB-1260	<0.0039		0.017	0.0039	mg/Kg		11/18/11 18:58	11/20/11 12:43	1
Polychlorinated biphenyls, Total	<0.0026		0.017	0.0026	mg/Kg		11/18/11 18:58	11/20/11 12:43	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	63		28 - 124	11/18/11 18:58	11/20/11 12:43	1
DCB Decachlorobiphenyl	89		38 - 130	11/18/11 18:58	11/20/11 12:43	1

Lab Sample ID: LCS 500-133259/2-A
Matrix: Solid
Analysis Batch: 133371

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 133259

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	0.167	0.136		mg/Kg		81	47 - 117
PCB-1260	0.167	0.154		mg/Kg		92	57 - 122

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	87		28 - 124
DCB Decachlorobiphenyl	91		38 - 130

Lab Sample ID: 500-42095-4 MS
Matrix: Solid
Analysis Batch: 133371

Client Sample ID: WUK0363-04
Prep Type: Total/NA
Prep Batch: 133259

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	<0.0069		0.193	0.155		mg/Kg	☼	81	47 - 117
PCB-1260	<0.0045		0.193	0.160		mg/Kg	☼	83	57 - 122

Surrogate	MS %Recovery	MS Qualifier	Limits
Tetrachloro-m-xylene	80		28 - 124
DCB Decachlorobiphenyl	82		38 - 130

Lab Sample ID: 500-42095-4 MSD
Matrix: Solid
Analysis Batch: 133371

Client Sample ID: WUK0363-04
Prep Type: Total/NA
Prep Batch: 133259

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016	<0.0069		0.194	0.170		mg/Kg	☼	87	47 - 117	9	30
PCB-1260	<0.0045		0.194	0.173		mg/Kg	☼	89	57 - 122	8	30

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Tetrachloro-m-xylene	83		28 - 124
DCB Decachlorobiphenyl	91		38 - 130

QC Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

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

Lab Sample ID: MB 500-133260/1-A
Matrix: Solid
Analysis Batch: 133429

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 133260

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0060		0.017	0.0060	mg/Kg		11/18/11 19:46	11/21/11 12:04	1
PCB-1221	<0.014		0.017	0.014	mg/Kg		11/18/11 19:46	11/21/11 12:04	1
PCB-1232	<0.0065		0.017	0.0065	mg/Kg		11/18/11 19:46	11/21/11 12:04	1
PCB-1242	<0.0080		0.017	0.0080	mg/Kg		11/18/11 19:46	11/21/11 12:04	1
PCB-1248	<0.0061		0.017	0.0061	mg/Kg		11/18/11 19:46	11/21/11 12:04	1
PCB-1254	<0.0048		0.017	0.0048	mg/Kg		11/18/11 19:46	11/21/11 12:04	1
PCB-1260	<0.0039		0.017	0.0039	mg/Kg		11/18/11 19:46	11/21/11 12:04	1
Polychlorinated biphenyls, Total	<0.0026		0.017	0.0026	mg/Kg		11/18/11 19:46	11/21/11 12:04	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	76		28 - 124	11/18/11 19:46	11/21/11 12:04	1
DCB Decachlorobiphenyl	97		38 - 130	11/18/11 19:46	11/21/11 12:04	1

Lab Sample ID: LCS 500-133260/3-A
Matrix: Solid
Analysis Batch: 133429

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 133260

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
PCB-1016	0.167	0.140		mg/Kg		84	47 - 117
PCB-1260	0.167	0.161		mg/Kg		96	57 - 122

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	78		28 - 124
DCB Decachlorobiphenyl	98		38 - 130

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 500-133165/1-A
Matrix: Solid
Analysis Batch: 133290

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 133165

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.14		1.0	0.14	mg/Kg		11/18/11 10:40	11/19/11 03:36	1
Barium	0.101	J	1.0	0.056	mg/Kg		11/18/11 10:40	11/19/11 03:36	1
Cadmium	<0.027		0.20	0.027	mg/Kg		11/18/11 10:40	11/19/11 03:36	1
Chromium	0.118	J	1.0	0.085	mg/Kg		11/18/11 10:40	11/19/11 03:36	1
Lead	<0.24		0.50	0.24	mg/Kg		11/18/11 10:40	11/19/11 03:36	1
Selenium	<0.28		1.0	0.28	mg/Kg		11/18/11 10:40	11/19/11 03:36	1
Silver	<0.063		0.50	0.063	mg/Kg		11/18/11 10:40	11/19/11 03:36	1

Lab Sample ID: LCS 500-133165/2-A
Matrix: Solid
Analysis Batch: 133290

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 133165

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Arsenic	10.0	9.59		mg/Kg		96	80 - 120
Barium	200	202		mg/Kg		101	80 - 120
Cadmium	5.00	5.05		mg/Kg		101	80 - 120
Chromium	20.0	20.8		mg/Kg		104	80 - 120

QC Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCS 500-133165/2-A
Matrix: Solid
Analysis Batch: 133290

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 133165

Analyte	Spike Added	LCS		Unit	D	%Rec	%Rec.	
		Result	Qualifier				Limits	
Lead	10.0	10.5		mg/Kg		105	80 - 120	
Selenium	10.0	8.56		mg/Kg		86	80 - 120	
Silver	5.00	4.78		mg/Kg		96	80 - 120	

Lab Sample ID: MB 500-133204/1-A
Matrix: Solid
Analysis Batch: 133316

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 133204

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Arsenic	<0.14		1.0	0.14	mg/Kg		11/18/11 15:00	11/19/11 09:58	1
Barium	<0.056		1.0	0.056	mg/Kg		11/18/11 15:00	11/19/11 09:58	1
Cadmium	<0.027		0.20	0.027	mg/Kg		11/18/11 15:00	11/19/11 09:58	1
Chromium	<0.085		1.0	0.085	mg/Kg		11/18/11 15:00	11/19/11 09:58	1
Lead	<0.24		0.50	0.24	mg/Kg		11/18/11 15:00	11/19/11 09:58	1
Selenium	<0.28		1.0	0.28	mg/Kg		11/18/11 15:00	11/19/11 09:58	1
Silver	<0.063		0.50	0.063	mg/Kg		11/18/11 15:00	11/19/11 09:58	1

Lab Sample ID: LCS 500-133204/2-A
Matrix: Solid
Analysis Batch: 133316

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 133204

Analyte	Spike Added	LCS		Unit	D	%Rec	%Rec.	
		Result	Qualifier				Limits	
Arsenic	10.0	9.33		mg/Kg		93	80 - 120	
Barium	200	191		mg/Kg		96	80 - 120	
Cadmium	5.00	4.94		mg/Kg		99	80 - 120	
Chromium	20.0	20.0		mg/Kg		100	80 - 120	
Lead	10.0	10.3		mg/Kg		103	80 - 120	
Selenium	10.0	8.57		mg/Kg		86	80 - 120	
Silver	5.00	4.79		mg/Kg		96	80 - 120	

Lab Sample ID: MB 500-133381/1-A
Matrix: Solid
Analysis Batch: 133469

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 133381

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Arsenic	<0.14		1.0	0.14	mg/Kg		11/20/11 15:25	11/21/11 11:14	1
Barium	<0.056		1.0	0.056	mg/Kg		11/20/11 15:25	11/21/11 11:14	1
Cadmium	<0.027		0.20	0.027	mg/Kg		11/20/11 15:25	11/21/11 11:14	1
Chromium	<0.085		1.0	0.085	mg/Kg		11/20/11 15:25	11/21/11 11:14	1
Lead	0.360	J	0.50	0.24	mg/Kg		11/20/11 15:25	11/21/11 11:14	1
Selenium	<0.28		1.0	0.28	mg/Kg		11/20/11 15:25	11/21/11 11:14	1
Silver	<0.063		0.50	0.063	mg/Kg		11/20/11 15:25	11/21/11 11:14	1

Lab Sample ID: LCS 500-133381/2-A
Matrix: Solid
Analysis Batch: 133469

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 133381

Analyte	Spike Added	LCS		Unit	D	%Rec	%Rec.	
		Result	Qualifier				Limits	
Arsenic	10.0	8.92		mg/Kg		89	80 - 120	
Barium	200	190		mg/Kg		95	80 - 120	
Cadmium	5.00	4.82		mg/Kg		96	80 - 120	

QC Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCS 500-133381/2-A

Matrix: Solid

Analysis Batch: 133469

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 133381

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Chromium	20.0	19.9		mg/Kg		100	80 - 120
Lead	10.0	10.1		mg/Kg		101	80 - 120
Selenium	10.0	8.15		mg/Kg		82	80 - 120
Silver	5.00	4.98		mg/Kg		100	80 - 120

Lab Sample ID: 500-42095-30 MS

Matrix: Solid

Analysis Batch: 133469

Client Sample ID: WUK0363-30

Prep Type: Total/NA

Prep Batch: 133381

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Arsenic	14		10.8	26.0		mg/Kg	*	113	75 - 125
Barium	120		216	354		mg/Kg	*	110	75 - 125
Cadmium	5.5		5.39	10.8		mg/Kg	*	99	75 - 125
Chromium	350		21.6	440	4	mg/Kg	*	405	75 - 125
Lead	160	B V	10.8	188	4	mg/Kg	*	227	75 - 125
Selenium	<0.34		10.8	7.26	F	mg/Kg	*	67	75 - 125
Silver	0.80		5.39	6.67		mg/Kg	*	109	75 - 125

Lab Sample ID: 500-42095-30 MSD

Matrix: Solid

Analysis Batch: 133469

Client Sample ID: WUK0363-30

Prep Type: Total/NA

Prep Batch: 133381

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Arsenic	14		12.4	25.8		mg/Kg	*	96	75 - 125	1	20
Barium	120		248	355		mg/Kg	*	96	75 - 125	0	20
Cadmium	5.5		6.21	11.0		mg/Kg	*	89	75 - 125	2	20
Chromium	350		24.8	422	4	mg/Kg	*	280	75 - 125	4	20
Lead	160	B V	12.4	211	4	mg/Kg	*	383	75 - 125	12	20
Selenium	<0.34		12.4	10.3	F	mg/Kg	*	83	75 - 125	35	20
Silver	0.80		6.21	7.28		mg/Kg	*	104	75 - 125	9	20

Lab Sample ID: 500-42095-30 DU

Matrix: Solid

Analysis Batch: 133469

Client Sample ID: WUK0363-30

Prep Type: Total/NA

Prep Batch: 133381

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Arsenic	14		18.5	F	mg/Kg	*	29	20
Barium	120		164	F	mg/Kg	*	34	20
Cadmium	5.5		6.55		mg/Kg	*	18	20
Chromium	350		483	F	mg/Kg	*	31	20
Lead	160	B V	164		mg/Kg	*	0.2	20
Selenium	<0.34		<0.31		mg/Kg	*	NC	20
Silver	0.80		1.12		mg/Kg	*	34	20

QC Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Method: 7471A - Mercury (CVAA)

Lab Sample ID: MB 500-133330/7-A
Matrix: Solid
Analysis Batch: 133453

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 133330

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0051		0.017	0.0051	mg/Kg		11/21/11 08:40	11/21/11 11:13	1

Lab Sample ID: LCS 500-133330/8-A
Matrix: Solid
Analysis Batch: 133453

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 133330

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.167	0.182		mg/Kg		109	80 - 120

Lab Sample ID: 500-42095-8 MS
Matrix: Solid
Analysis Batch: 133453

Client Sample ID: WUK0363-08
Prep Type: Total/NA
Prep Batch: 133330

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.020		0.0817	0.116		mg/Kg	☼	117	75 - 125

Lab Sample ID: 500-42095-8 MSD
Matrix: Solid
Analysis Batch: 133453

Client Sample ID: WUK0363-08
Prep Type: Total/NA
Prep Batch: 133330

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.020		0.0912	0.122		mg/Kg	☼	112	75 - 125	5	20

Lab Sample ID: 500-42095-8 DU
Matrix: Solid
Analysis Batch: 133453

Client Sample ID: WUK0363-08
Prep Type: Total/NA
Prep Batch: 133330

Analyte	Sample Result	Sample Qualifier	Spike Added	DU Result	DU Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.020			0.0202		mg/Kg	☼			1	20

Lab Sample ID: MB 500-133331/7-A
Matrix: Solid
Analysis Batch: 133453

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 133331

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0051		0.017	0.0051	mg/Kg		11/21/11 08:40	11/21/11 12:08	1

Lab Sample ID: LCS 500-133331/8-A
Matrix: Solid
Analysis Batch: 133453

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 133331

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.167	0.177		mg/Kg		106	80 - 120

Lab Sample ID: 500-42095-22 MS
Matrix: Solid
Analysis Batch: 133453

Client Sample ID: WUK0363-22
Prep Type: Total/NA
Prep Batch: 133331

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.23		0.0957	0.844	F	mg/Kg	☼	643	75 - 125

QC Sample Results

Client: Tetra Tech GEO
 Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Method: 7471A - Mercury (CVAA) (Continued)

Lab Sample ID: 500-42095-22 MSD
 Matrix: Solid
 Analysis Batch: 133453

Client Sample ID: WUK0363-22
 Prep Type: Total/NA
 Prep Batch: 133331

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	RPD Limit
Mercury	0.23		0.0925	0.522	F	mg/Kg	☼	317	75 - 125	47	20

Lab Sample ID: 500-42095-22 DU
 Matrix: Solid
 Analysis Batch: 133453

Client Sample ID: WUK0363-22
 Prep Type: Total/NA
 Prep Batch: 133331

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Mercury	0.23		0.203		mg/Kg	☼	12	20

QC Association Summary

Client: Tetra Tech GEO
 Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

GCMS Volatiles

Analysis Batch: U001379

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
11K0150-BLK1	Method Blank	Total	Solid/Soil	SW 8260B	11K0150_P
11K0150-BS1	Lab Control Sample	Total	Solid/Soil	SW 8260B	11K0150_P
WUK0363-02	B-27 4-6'	Total	Solid/Soil	SW 8260B	11K0150_P

Analysis Batch: U001383

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
11K0156-BLK1	Method Blank	Total	Solid/Soil	SW 8260B	11K0156_P
11K0156-BS1	Lab Control Sample	Total	Solid/Soil	SW 8260B	11K0156_P
WUK0363-01	B-27 0-2'	Total	Solid/Soil	SW 8260B	11K0156_P

Analysis Batch: U001387

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
11K0171-BLK1	Method Blank	Total	Solid/Soil	SW 8260B	11K0171_P
11K0171-BS1	Lab Control Sample	Total	Solid/Soil	SW 8260B	11K0171_P
WUK0363-23	B-34 0-2'	Total	Solid/Soil	SW 8260B	11K0171_P
WUK0363-24	B-09-11 0-2'	Total	Solid/Soil	SW 8260B	11K0171_P
WUK0363-25	B-35 0-2'	Total	Solid/Soil	SW 8260B	11K0171_P
WUK0363-26	B-35 4-6'	Total	Solid/Soil	SW 8260B	11K0171_P
WUK0363-27	B-35 8-10'	Total	Solid/Soil	SW 8260B	11K0171_P
WUK0363-28	B-14-11 0-2'	Total	Solid/Soil	SW 8260B	11K0171_P
WUK0363-29	B-13-11 0-2'	Total	Solid/Soil	SW 8260B	11K0171_P
WUK0363-30	B-08-11 0-2'	Total	Solid/Soil	SW 8260B	11K0171_P
WUK0363-31	B-07-11 0-2'	Total	Solid/Soil	SW 8260B	11K0171_P
WUK0363-32	TB-2	Total	Solid/Soil	SW 8260B	11K0171_P

Analysis Batch: U001388

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
11K0172-BLK1	Method Blank	Total	Solid/Soil	SW 8260B	11K0172_P
11K0172-BS1	Lab Control Sample	Total	Solid/Soil	SW 8260B	11K0172_P
WUK0363-03	B-27 8-10'	Total	Solid/Soil	SW 8260B	11K0172_P
WUK0363-04	B-04-11 0-2'	Total	Solid/Soil	SW 8260B	11K0172_P
WUK0363-05	B-28 0-2'	Total	Solid/Soil	SW 8260B	11K0172_P
WUK0363-06	B-28 4-6'	Total	Solid/Soil	SW 8260B	11K0172_P
WUK0363-07	B-28 8-10'	Total	Solid/Soil	SW 8260B	11K0172_P
WUK0363-08	B-29 0-2'	Total	Solid/Soil	SW 8260B	11K0172_P
WUK0363-09	B-29 4-6'	Total	Solid/Soil	SW 8260B	11K0172_P
WUK0363-10	B-29 8-10'	Total	Solid/Soil	SW 8260B	11K0172_P
WUK0363-11	B-30 0-2'	Total	Solid/Soil	SW 8260B	11K0172_P
WUK0363-12	B-30 4-6'	Total	Solid/Soil	SW 8260B	11K0172_P
WUK0363-13	B-30 8-10'	Total	Solid/Soil	SW 8260B	11K0172_P
WUK0363-14	B-31 0-2'	Total	Solid/Soil	SW 8260B	11K0172_P
WUK0363-15	B-31 4-6'	Total	Solid/Soil	SW 8260B	11K0172_P
WUK0363-16	B-31 8-10'	Total	Solid/Soil	SW 8260B	11K0172_P
WUK0363-17	B-32 0-2'	Total	Solid/Soil	SW 8260B	11K0172_P
WUK0363-19	B-33 0-2'	Total	Solid/Soil	SW 8260B	11K0172_P
WUK0363-20	B-33 4-6'	Total	Solid/Soil	SW 8260B	11K0172_P
WUK0363-21	B-33 8-10'	Total	Solid/Soil	SW 8260B	11K0172_P
WUK0363-22	B-10-11 0-2'	Total	Solid/Soil	SW 8260B	11K0172_P

Analysis Batch: U001392

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
11K0189-BLK1	Method Blank	Total	Solid/Soil	SW 8260B	11K0189_P



QC Association Summary

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

GCMS Volatiles (Continued)

Analysis Batch: U001392 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
11K0189-BS1	Lab Control Sample	Total	Solid/Soil	SW 8260B	11K0189_P
WUK0363-15 - RE1	B-31 4-6'	Total	Solid/Soil	SW 8260B	11K0189_P
WUK0363-16 - RE1	B-31 8-10'	Total	Solid/Soil	SW 8260B	11K0189_P
WUK0363-17 - RE1	B-32 0-2'	Total	Solid/Soil	SW 8260B	11K0189_P
WUK0363-19 - RE1	B-33 0-2'	Total	Solid/Soil	SW 8260B	11K0189_P

Analysis Batch: U001399

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
11K0210-BLK1	Method Blank	Total	Solid/Soil	SW 8260B	11K0210_P
11K0210-BS1	Lab Control Sample	Total	Solid/Soil	SW 8260B	11K0210_P
WUK0363-18 - RE1	B-12-11 0-2'	Total	Solid/Soil	SW 8260B	11K0210_P

Prep Batch: 11K0150_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
11K0150-BLK1	Method Blank	Total	Solid/Soil	Default Prep VOC	
11K0150-BS1	Lab Control Sample	Total	Solid/Soil	Default Prep VOC	
WUK0363-02	B-27 4-6'	Total	Solid/Soil	Default Prep VOC	

Prep Batch: 11K0156_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
11K0156-BLK1	Method Blank	Total	Solid/Soil	Default Prep VOC	
11K0156-BS1	Lab Control Sample	Total	Solid/Soil	Default Prep VOC	
WUK0363-01	B-27 0-2'	Total	Solid/Soil	Default Prep VOC	

Prep Batch: 11K0171_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
11K0171-BLK1	Method Blank	Total	Solid/Soil	Default Prep VOC	
11K0171-BS1	Lab Control Sample	Total	Solid/Soil	Default Prep VOC	
WUK0363-23	B-34 0-2'	Total	Solid/Soil	Default Prep VOC	
WUK0363-24	B-09-11 0-2'	Total	Solid/Soil	Default Prep VOC	
WUK0363-25	B-35 0-2'	Total	Solid/Soil	Default Prep VOC	
WUK0363-26	B-35 4-6'	Total	Solid/Soil	Default Prep VOC	
WUK0363-27	B-35 8-10'	Total	Solid/Soil	Default Prep VOC	
WUK0363-28	B-14-11 0-2'	Total	Solid/Soil	Default Prep VOC	
WUK0363-29	B-13-11 0-2'	Total	Solid/Soil	Default Prep VOC	
WUK0363-30	B-08-11 0-2'	Total	Solid/Soil	Default Prep VOC	
WUK0363-31	B-07-11 0-2'	Total	Solid/Soil	Default Prep VOC	
WUK0363-32	TB-2	Total	Solid/Soil	Default Prep VOC	

QC Association Summary

Client: Tetra Tech GEO
 Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

GCMS Volatiles (Continued)

Prep Batch: 11K0172_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
11K0172-BLK1	Method Blank	Total	Solid/Soil	Default Prep VOC	
11K0172-BS1	Lab Control Sample	Total	Solid/Soil	Default Prep VOC	
WUK0363-03	B-27 8-10'	Total	Solid/Soil	Default Prep VOC	
WUK0363-04	B-04-11 0-2'	Total	Solid/Soil	Default Prep VOC	
WUK0363-05	B-28 0-2'	Total	Solid/Soil	Default Prep VOC	
WUK0363-06	B-28 4-6'	Total	Solid/Soil	Default Prep VOC	
WUK0363-07	B-28 8-10'	Total	Solid/Soil	Default Prep VOC	
WUK0363-08	B-29 0-2'	Total	Solid/Soil	Default Prep VOC	
WUK0363-09	B-29 4-6'	Total	Solid/Soil	Default Prep VOC	
WUK0363-10	B-29 8-10'	Total	Solid/Soil	Default Prep VOC	
WUK0363-11	B-30 0-2'	Total	Solid/Soil	Default Prep VOC	
WUK0363-12	B-30 4-6'	Total	Solid/Soil	Default Prep VOC	
WUK0363-13	B-30 8-10'	Total	Solid/Soil	Default Prep VOC	
WUK0363-14	B-31 0-2'	Total	Solid/Soil	Default Prep VOC	
WUK0363-15	B-31 4-6'	Total	Solid/Soil	Default Prep VOC	
WUK0363-16	B-31 8-10'	Total	Solid/Soil	Default Prep VOC	
WUK0363-17	B-32 0-2'	Total	Solid/Soil	Default Prep VOC	
WUK0363-19	B-33 0-2'	Total	Solid/Soil	Default Prep VOC	
WUK0363-20	B-33 4-6'	Total	Solid/Soil	Default Prep VOC	
WUK0363-21	B-33 8-10'	Total	Solid/Soil	Default Prep VOC	
WUK0363-22	B-10-11 0-2'	Total	Solid/Soil	Default Prep VOC	

Prep Batch: 11K0189_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
11K0189-BLK1	Method Blank	Total	Solid/Soil	Default Prep VOC	
11K0189-BS1	Lab Control Sample	Total	Solid/Soil	Default Prep VOC	
WUK0363-15 - RE1	B-31 4-6'	Total	Solid/Soil	Default Prep VOC	
WUK0363-16 - RE1	B-31 8-10'	Total	Solid/Soil	Default Prep VOC	
WUK0363-17 - RE1	B-32 0-2'	Total	Solid/Soil	Default Prep VOC	
WUK0363-19 - RE1	B-33 0-2'	Total	Solid/Soil	Default Prep VOC	



QC Association Summary

Client: Tetra Tech GEO
 Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

GCMS Volatiles (Continued)

Prep Batch: 11K0210_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
11K0210-BLK1	Method Blank	Total	Solid/Soil	Default Prep VOC	
11K0210-BS1	Lab Control Sample	Total	Solid/Soil	Default Prep VOC	
WUK0363-18 - RE1	B-12-11 0-2'	Total	Solid/Soil	Default Prep VOC	

GC/MS Semi VOA

Prep Batch: 133299

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-42095-1 MS	WUK0363-01	Total/NA	Solid	3541	
500-42095-1 MSD	WUK0363-01	Total/NA	Solid	3541	
LCS 500-133299/2-A	Lab Control Sample	Total/NA	Solid	3541	
MB 500-133299/1-A	Method Blank	Total/NA	Solid	3541	
WUK0363-01	B-27 0-2'	Total/NA	Solid/Soil	3541	
WUK0363-02	B-27 4-6'	Total/NA	Solid/Soil	3541	
WUK0363-03	B-27 8-10'	Total/NA	Solid/Soil	3541	
WUK0363-04	B-04-11 0-2'	Total/NA	Solid/Soil	3541	
WUK0363-05	B-28 0-2'	Total/NA	Solid/Soil	3541	
WUK0363-06	B-28 4-6'	Total/NA	Solid/Soil	3541	
WUK0363-07	B-28 8-10'	Total/NA	Solid/Soil	3541	
WUK0363-08	B-29 0-2'	Total/NA	Solid/Soil	3541	
WUK0363-09	B-29 4-6'	Total/NA	Solid/Soil	3541	
WUK0363-10	B-29 8-10'	Total/NA	Solid/Soil	3541	
WUK0363-11	B-30 0-2'	Total/NA	Solid/Soil	3541	
WUK0363-12	B-30 4-6'	Total/NA	Solid/Soil	3541	
WUK0363-13	B-30 8-10'	Total/NA	Solid/Soil	3541	
WUK0363-14	B-31 0-2'	Total/NA	Solid/Soil	3541	
WUK0363-15	B-31 4-6'	Total/NA	Solid/Soil	3541	
WUK0363-15 - DL	B-31 4-6'	Total/NA	Solid/Soil	3541	
WUK0363-16	B-31 8-10'	Total/NA	Solid/Soil	3541	
WUK0363-17	B-32 0-2'	Total/NA	Solid/Soil	3541	
WUK0363-18	B-12-11 0-2'	Total/NA	Solid/Soil	3541	
WUK0363-18 - DL	B-12-11 0-2'	Total/NA	Solid/Soil	3541	
WUK0363-19	B-33 0-2'	Total/NA	Solid/Soil	3541	
WUK0363-20	B-33 4-6'	Total/NA	Solid/Soil	3541	

Prep Batch: 133388

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-42095-22 MS	WUK0363-22	Total/NA	Solid	3541	
500-42095-22 MSD	WUK0363-22	Total/NA	Solid	3541	
LCS 500-133388/2-A	Lab Control Sample	Total/NA	Solid	3541	
MB 500-133388/1-A	Method Blank	Total/NA	Solid	3541	
WUK0363-21	B-33 8-10'	Total/NA	Solid/Soil	3541	
WUK0363-22	B-10-11 0-2'	Total/NA	Solid/Soil	3541	
WUK0363-23	B-34 0-2'	Total/NA	Solid/Soil	3541	
WUK0363-23 - DL	B-34 0-2'	Total/NA	Solid/Soil	3541	
WUK0363-24	B-09-11 0-2'	Total/NA	Solid/Soil	3541	
WUK0363-25	B-35 0-2'	Total/NA	Solid/Soil	3541	
WUK0363-25 - DL	B-35 0-2'	Total/NA	Solid/Soil	3541	
WUK0363-26	B-35 4-6'	Total/NA	Solid/Soil	3541	
WUK0363-27	B-35 8-10'	Total/NA	Solid/Soil	3541	

QC Association Summary

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

GC/MS Semi VOA (Continued)

Prep Batch: 133388 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
WUK0363-28	B-14-11 0-2'	Total/NA	Solid/Soil	3541	
WUK0363-29	B-13-11 0-2'	Total/NA	Solid/Soil	3541	
WUK0363-30	B-08-11 0-2'	Total/NA	Solid/Soil	3541	
WUK0363-30 - DL	B-08-11 0-2'	Total/NA	Solid/Soil	3541	
WUK0363-31	B-07-11 0-2'	Total/NA	Solid/Soil	3541	

Analysis Batch: 133406

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 500-133299/2-A	Lab Control Sample	Total/NA	Solid	8270C	133299
LCS 500-133388/2-A	Lab Control Sample	Total/NA	Solid	8270C	133388
MB 500-133299/1-A	Method Blank	Total/NA	Solid	8270C	133299
MB 500-133388/1-A	Method Blank	Total/NA	Solid	8270C	133388

Analysis Batch: 133465

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-42095-22 MS	WUK0363-22	Total/NA	Solid	8270C	133388
500-42095-22 MSD	WUK0363-22	Total/NA	Solid	8270C	133388
WUK0363-04	B-04-11 0-2'	Total/NA	Solid/Soil	8270C	133299
WUK0363-05	B-28 0-2'	Total/NA	Solid/Soil	8270C	133299
WUK0363-06	B-28 4-6'	Total/NA	Solid/Soil	8270C	133299
WUK0363-07	B-28 8-10'	Total/NA	Solid/Soil	8270C	133299
WUK0363-08	B-29 0-2'	Total/NA	Solid/Soil	8270C	133299
WUK0363-09	B-29 4-6'	Total/NA	Solid/Soil	8270C	133299
WUK0363-11	B-30 0-2'	Total/NA	Solid/Soil	8270C	133299
WUK0363-12	B-30 4-6'	Total/NA	Solid/Soil	8270C	133299
WUK0363-14	B-31 0-2'	Total/NA	Solid/Soil	8270C	133299
WUK0363-15	B-31 4-6'	Total/NA	Solid/Soil	8270C	133299
WUK0363-18	B-12-11 0-2'	Total/NA	Solid/Soil	8270C	133299
WUK0363-22	B-10-11 0-2'	Total/NA	Solid/Soil	8270C	133388
WUK0363-31	B-07-11 0-2'	Total/NA	Solid/Soil	8270C	133388

Analysis Batch: 133580

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-42095-1 MS	WUK0363-01	Total/NA	Solid	8270C	133299
500-42095-1 MSD	WUK0363-01	Total/NA	Solid	8270C	133299
WUK0363-01	B-27 0-2'	Total/NA	Solid/Soil	8270C	133299
WUK0363-02	B-27 4-6'	Total/NA	Solid/Soil	8270C	133299
WUK0363-03	B-27 8-10'	Total/NA	Solid/Soil	8270C	133299
WUK0363-25	B-35 0-2'	Total/NA	Solid/Soil	8270C	133388
WUK0363-26	B-35 4-6'	Total/NA	Solid/Soil	8270C	133388
WUK0363-27	B-35 8-10'	Total/NA	Solid/Soil	8270C	133388
WUK0363-29	B-13-11 0-2'	Total/NA	Solid/Soil	8270C	133388

Analysis Batch: 133583

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
WUK0363-10	B-29 8-10'	Total/NA	Solid/Soil	8270C	133299
WUK0363-13	B-30 8-10'	Total/NA	Solid/Soil	8270C	133299
WUK0363-15 - DL	B-31 4-6'	Total/NA	Solid/Soil	8270C	133299
WUK0363-16	B-31 8-10'	Total/NA	Solid/Soil	8270C	133299
WUK0363-17	B-32 0-2'	Total/NA	Solid/Soil	8270C	133299
WUK0363-18 - DL	B-12-11 0-2'	Total/NA	Solid/Soil	8270C	133299
WUK0363-19	B-33 0-2'	Total/NA	Solid/Soil	8270C	133299

QC Association Summary

Client: Tetra Tech GEO
 Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

GC/MS Semi VOA (Continued)

Analysis Batch: 133583 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
WUK0363-20	B-33 4-6'	Total/NA	Solid/Soil	8270C	133299
WUK0363-21	B-33 8-10'	Total/NA	Solid/Soil	8270C	133388
WUK0363-23	B-34 0-2'	Total/NA	Solid/Soil	8270C	133388
WUK0363-23 - DL	B-34 0-2'	Total/NA	Solid/Soil	8270C	133388
WUK0363-24	B-09-11 0-2'	Total/NA	Solid/Soil	8270C	133388
WUK0363-25 - DL	B-35 0-2'	Total/NA	Solid/Soil	8270C	133388
WUK0363-28	B-14-11 0-2'	Total/NA	Solid/Soil	8270C	133388
WUK0363-30	B-08-11 0-2'	Total/NA	Solid/Soil	8270C	133388
WUK0363-30 - DL	B-08-11 0-2'	Total/NA	Solid/Soil	8270C	133388

GC Semi VOA

Prep Batch: 133259

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-42095-4 MS	WUK0363-04	Total/NA	Solid	3541	
500-42095-4 MSD	WUK0363-04	Total/NA	Solid	3541	
LCS 500-133259/2-A	Lab Control Sample	Total/NA	Solid	3541	
MB 500-133259/1-A	Method Blank	Total/NA	Solid	3541	
WUK0363-01	B-27 0-2'	Total/NA	Solid/Soil	3541	
WUK0363-02	B-27 4-6'	Total/NA	Solid/Soil	3541	
WUK0363-03	B-27 8-10'	Total/NA	Solid/Soil	3541	
WUK0363-04	B-04-11 0-2'	Total/NA	Solid/Soil	3541	
WUK0363-05	B-28 0-2'	Total/NA	Solid/Soil	3541	
WUK0363-06	B-28 4-6'	Total/NA	Solid/Soil	3541	
WUK0363-07	B-28 8-10'	Total/NA	Solid/Soil	3541	
WUK0363-08	B-29 0-2'	Total/NA	Solid/Soil	3541	
WUK0363-09	B-29 4-6'	Total/NA	Solid/Soil	3541	
WUK0363-10	B-29 8-10'	Total/NA	Solid/Soil	3541	
WUK0363-11	B-30 0-2'	Total/NA	Solid/Soil	3541	
WUK0363-12	B-30 4-6'	Total/NA	Solid/Soil	3541	
WUK0363-13	B-30 8-10'	Total/NA	Solid/Soil	3541	
WUK0363-14	B-31 0-2'	Total/NA	Solid/Soil	3541	
WUK0363-15	B-31 4-6'	Total/NA	Solid/Soil	3541	
WUK0363-16	B-31 8-10'	Total/NA	Solid/Soil	3541	
WUK0363-17	B-32 0-2'	Total/NA	Solid/Soil	3541	
WUK0363-18	B-12-11 0-2'	Total/NA	Solid/Soil	3541	
WUK0363-19	B-33 0-2'	Total/NA	Solid/Soil	3541	
WUK0363-20	B-33 4-6'	Total/NA	Solid/Soil	3541	

Prep Batch: 133260

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 500-133260/3-A	Lab Control Sample	Total/NA	Solid	3541	
MB 500-133260/1-A	Method Blank	Total/NA	Solid	3541	
WUK0363-21	B-33 8-10'	Total/NA	Solid/Soil	3541	
WUK0363-22	B-10-11 0-2'	Total/NA	Solid/Soil	3541	
WUK0363-23	B-34 0-2'	Total/NA	Solid/Soil	3541	
WUK0363-24	B-09-11 0-2'	Total/NA	Solid/Soil	3541	
WUK0363-25	B-35 0-2'	Total/NA	Solid/Soil	3541	
WUK0363-26	B-35 4-6'	Total/NA	Solid/Soil	3541	
WUK0363-27	B-35 8-10'	Total/NA	Solid/Soil	3541	
WUK0363-28	B-14-11 0-2'	Total/NA	Solid/Soil	3541	
WUK0363-29	B-13-11 0-2'	Total/NA	Solid/Soil	3541	

QC Association Summary

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

GC Semi VOA (Continued)

Prep Batch: 133260 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
WUK0363-30	B-08-11 0-2'	Total/NA	Solid/Soil	3541	
WUK0363-31	B-07-11 0-2'	Total/NA	Solid/Soil	3541	

Analysis Batch: 133371

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-42095-4 MS	WUK0363-04	Total/NA	Solid	8082	133259
500-42095-4 MSD	WUK0363-04	Total/NA	Solid	8082	133259
LCS 500-133259/2-A	Lab Control Sample	Total/NA	Solid	8082	133259
MB 500-133259/1-A	Method Blank	Total/NA	Solid	8082	133259
WUK0363-02	B-27 4-6'	Total/NA	Solid/Soil	8082	133259
WUK0363-03	B-27 8-10'	Total/NA	Solid/Soil	8082	133259
WUK0363-04	B-04-11 0-2'	Total/NA	Solid/Soil	8082	133259
WUK0363-05	B-28 0-2'	Total/NA	Solid/Soil	8082	133259
WUK0363-06	B-28 4-6'	Total/NA	Solid/Soil	8082	133259
WUK0363-07	B-28 8-10'	Total/NA	Solid/Soil	8082	133259
WUK0363-08	B-29 0-2'	Total/NA	Solid/Soil	8082	133259
WUK0363-09	B-29 4-6'	Total/NA	Solid/Soil	8082	133259
WUK0363-10	B-29 8-10'	Total/NA	Solid/Soil	8082	133259
WUK0363-11	B-30 0-2'	Total/NA	Solid/Soil	8082	133259
WUK0363-12	B-30 4-6'	Total/NA	Solid/Soil	8082	133259
WUK0363-13	B-30 8-10'	Total/NA	Solid/Soil	8082	133259
WUK0363-15	B-31 4-6'	Total/NA	Solid/Soil	8082	133259
WUK0363-20	B-33 4-6'	Total/NA	Solid/Soil	8082	133259

Analysis Batch: 133429

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 500-133260/3-A	Lab Control Sample	Total/NA	Solid	8082	133260
MB 500-133260/1-A	Method Blank	Total/NA	Solid	8082	133260
WUK0363-01	B-27 0-2'	Total/NA	Solid/Soil	8082	133259
WUK0363-14	B-31 0-2'	Total/NA	Solid/Soil	8082	133259
WUK0363-16	B-31 8-10'	Total/NA	Solid/Soil	8082	133259
WUK0363-17	B-32 0-2'	Total/NA	Solid/Soil	8082	133259
WUK0363-18	B-12-11 0-2'	Total/NA	Solid/Soil	8082	133259
WUK0363-19	B-33 0-2'	Total/NA	Solid/Soil	8082	133259
WUK0363-21	B-33 8-10'	Total/NA	Solid/Soil	8082	133260
WUK0363-22	B-10-11 0-2'	Total/NA	Solid/Soil	8082	133260
WUK0363-23	B-34 0-2'	Total/NA	Solid/Soil	8082	133260
WUK0363-24	B-09-11 0-2'	Total/NA	Solid/Soil	8082	133260
WUK0363-25	B-35 0-2'	Total/NA	Solid/Soil	8082	133260
WUK0363-26	B-35 4-6'	Total/NA	Solid/Soil	8082	133260
WUK0363-27	B-35 8-10'	Total/NA	Solid/Soil	8082	133260
WUK0363-28	B-14-11 0-2'	Total/NA	Solid/Soil	8082	133260
WUK0363-29	B-13-11 0-2'	Total/NA	Solid/Soil	8082	133260
WUK0363-30	B-08-11 0-2'	Total/NA	Solid/Soil	8082	133260
WUK0363-31	B-07-11 0-2'	Total/NA	Solid/Soil	8082	133260

Metals

Prep Batch: 133165

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 500-133165/2-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 500-133165/1-A	Method Blank	Total/NA	Solid	3050B	

QC Association Summary

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Metals (Continued)

Prep Batch: 133165 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
WUK0363-01	B-27 0-2'	Total/NA	Solid/Soil	3050B	
WUK0363-02	B-27 4-6'	Total/NA	Solid/Soil	3050B	
WUK0363-03	B-27 8-10'	Total/NA	Solid/Soil	3050B	
WUK0363-04	B-04-11 0-2'	Total/NA	Solid/Soil	3050B	
WUK0363-05	B-28 0-2'	Total/NA	Solid/Soil	3050B	
WUK0363-06	B-28 4-6'	Total/NA	Solid/Soil	3050B	
WUK0363-07	B-28 8-10'	Total/NA	Solid/Soil	3050B	
WUK0363-08	B-29 0-2'	Total/NA	Solid/Soil	3050B	
WUK0363-09	B-29 4-6'	Total/NA	Solid/Soil	3050B	
WUK0363-10	B-29 8-10'	Total/NA	Solid/Soil	3050B	
WUK0363-11	B-30 0-2'	Total/NA	Solid/Soil	3050B	
WUK0363-12	B-30 4-6'	Total/NA	Solid/Soil	3050B	
WUK0363-13	B-30 8-10'	Total/NA	Solid/Soil	3050B	
WUK0363-14	B-31 0-2'	Total/NA	Solid/Soil	3050B	

Prep Batch: 133204

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 500-133204/2-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 500-133204/1-A	Method Blank	Total/NA	Solid	3050B	
WUK0363-15	B-31 4-6'	Total/NA	Solid/Soil	3050B	
WUK0363-16	B-31 8-10'	Total/NA	Solid/Soil	3050B	
WUK0363-17	B-32 0-2'	Total/NA	Solid/Soil	3050B	
WUK0363-18	B-12-11 0-2'	Total/NA	Solid/Soil	3050B	
WUK0363-19	B-33 0-2'	Total/NA	Solid/Soil	3050B	
WUK0363-20	B-33 4-6'	Total/NA	Solid/Soil	3050B	
WUK0363-21	B-33 8-10'	Total/NA	Solid/Soil	3050B	
WUK0363-22	B-10-11 0-2'	Total/NA	Solid/Soil	3050B	

Analysis Batch: 133290

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 500-133165/2-A	Lab Control Sample	Total/NA	Solid	6010B	133165
MB 500-133165/1-A	Method Blank	Total/NA	Solid	6010B	133165
WUK0363-01	B-27 0-2'	Total/NA	Solid/Soil	6010B	133165
WUK0363-02	B-27 4-6'	Total/NA	Solid/Soil	6010B	133165
WUK0363-03	B-27 8-10'	Total/NA	Solid/Soil	6010B	133165
WUK0363-04	B-04-11 0-2'	Total/NA	Solid/Soil	6010B	133165
WUK0363-05	B-28 0-2'	Total/NA	Solid/Soil	6010B	133165
WUK0363-06	B-28 4-6'	Total/NA	Solid/Soil	6010B	133165
WUK0363-07	B-28 8-10'	Total/NA	Solid/Soil	6010B	133165
WUK0363-08	B-29 0-2'	Total/NA	Solid/Soil	6010B	133165
WUK0363-09	B-29 4-6'	Total/NA	Solid/Soil	6010B	133165
WUK0363-10	B-29 8-10'	Total/NA	Solid/Soil	6010B	133165
WUK0363-11	B-30 0-2'	Total/NA	Solid/Soil	6010B	133165
WUK0363-12	B-30 4-6'	Total/NA	Solid/Soil	6010B	133165
WUK0363-13	B-30 8-10'	Total/NA	Solid/Soil	6010B	133165
WUK0363-14	B-31 0-2'	Total/NA	Solid/Soil	6010B	133165

Analysis Batch: 133316

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 500-133204/2-A	Lab Control Sample	Total/NA	Solid	6010B	133204
MB 500-133204/1-A	Method Blank	Total/NA	Solid	6010B	133204
WUK0363-15	B-31 4-6'	Total/NA	Solid/Soil	6010B	133204



QC Association Summary

Client: Tetra Tech GEO
 Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Metals (Continued)

Analysis Batch: 133316 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
WUK0363-16	B-31 8-10'	Total/NA	Solid/Soil	6010B	133204
WUK0363-17	B-32 0-2'	Total/NA	Solid/Soil	6010B	133204
WUK0363-18	B-12-11 0-2'	Total/NA	Solid/Soil	6010B	133204
WUK0363-19	B-33 0-2'	Total/NA	Solid/Soil	6010B	133204
WUK0363-20	B-33 4-6'	Total/NA	Solid/Soil	6010B	133204
WUK0363-21	B-33 8-10'	Total/NA	Solid/Soil	6010B	133204
WUK0363-22	B-10-11 0-2'	Total/NA	Solid/Soil	6010B	133204

Prep Batch: 133330

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-42095-8 DU	WUK0363-08	Total/NA	Solid	7471A	
500-42095-8 MS	WUK0363-08	Total/NA	Solid	7471A	
500-42095-8 MSD	WUK0363-08	Total/NA	Solid	7471A	
LCS 500-133330/8-A	Lab Control Sample	Total/NA	Solid	7471A	
MB 500-133330/7-A	Method Blank	Total/NA	Solid	7471A	
WUK0363-01	B-27 0-2'	Total/NA	Solid/Soil	7471A	
WUK0363-02	B-27 4-6'	Total/NA	Solid/Soil	7471A	
WUK0363-03	B-27 8-10'	Total/NA	Solid/Soil	7471A	
WUK0363-04	B-04-11 0-2'	Total/NA	Solid/Soil	7471A	
WUK0363-05	B-28 0-2'	Total/NA	Solid/Soil	7471A	
WUK0363-06	B-28 4-6'	Total/NA	Solid/Soil	7471A	
WUK0363-07	B-28 8-10'	Total/NA	Solid/Soil	7471A	
WUK0363-08	B-29 0-2'	Total/NA	Solid/Soil	7471A	
WUK0363-09	B-29 4-6'	Total/NA	Solid/Soil	7471A	
WUK0363-10	B-29 8-10'	Total/NA	Solid/Soil	7471A	
WUK0363-11	B-30 0-2'	Total/NA	Solid/Soil	7471A	
WUK0363-12	B-30 4-6'	Total/NA	Solid/Soil	7471A	
WUK0363-13	B-30 8-10'	Total/NA	Solid/Soil	7471A	
WUK0363-14	B-31 0-2'	Total/NA	Solid/Soil	7471A	
WUK0363-15	B-31 4-6'	Total/NA	Solid/Soil	7471A	
WUK0363-16	B-31 8-10'	Total/NA	Solid/Soil	7471A	
WUK0363-17	B-32 0-2'	Total/NA	Solid/Soil	7471A	
WUK0363-18	B-12-11 0-2'	Total/NA	Solid/Soil	7471A	
WUK0363-19	B-33 0-2'	Total/NA	Solid/Soil	7471A	
WUK0363-20	B-33 4-6'	Total/NA	Solid/Soil	7471A	

Prep Batch: 133331

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-42095-22 DU	WUK0363-22	Total/NA	Solid	7471A	
500-42095-22 MS	WUK0363-22	Total/NA	Solid	7471A	
500-42095-22 MSD	WUK0363-22	Total/NA	Solid	7471A	
LCS 500-133331/8-A	Lab Control Sample	Total/NA	Solid	7471A	
MB 500-133331/7-A	Method Blank	Total/NA	Solid	7471A	
WUK0363-21	B-33 8-10'	Total/NA	Solid/Soil	7471A	
WUK0363-22	B-10-11 0-2'	Total/NA	Solid/Soil	7471A	
WUK0363-23	B-34 0-2'	Total/NA	Solid/Soil	7471A	
WUK0363-24	B-09-11 0-2'	Total/NA	Solid/Soil	7471A	
WUK0363-25	B-35 0-2'	Total/NA	Solid/Soil	7471A	
WUK0363-26	B-35 4-6'	Total/NA	Solid/Soil	7471A	
WUK0363-27	B-35 8-10'	Total/NA	Solid/Soil	7471A	
WUK0363-28	B-14-11 0-2'	Total/NA	Solid/Soil	7471A	
WUK0363-29	B-13-11 0-2'	Total/NA	Solid/Soil	7471A	

QC Association Summary

Client: Tetra Tech GEO
 Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Metals (Continued)

Prep Batch: 133331 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
WUK0363-30	B-08-11 0-2'	Total/NA	Solid/Soil	7471A	
WUK0363-31	B-07-11 0-2'	Total/NA	Solid/Soil	7471A	

Prep Batch: 133381

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-42095-30 DU	WUK0363-30	Total/NA	Solid	3050B	
500-42095-30 MS	WUK0363-30	Total/NA	Solid	3050B	
500-42095-30 MSD	WUK0363-30	Total/NA	Solid	3050B	
LCS 500-133381/2-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 500-133381/1-A	Method Blank	Total/NA	Solid	3050B	
WUK0363-23	B-34 0-2'	Total/NA	Solid/Soil	3050B	
WUK0363-24	B-09-11 0-2'	Total/NA	Solid/Soil	3050B	
WUK0363-25	B-35 0-2'	Total/NA	Solid/Soil	3050B	
WUK0363-26	B-35 4-6'	Total/NA	Solid/Soil	3050B	
WUK0363-27	B-35 8-10'	Total/NA	Solid/Soil	3050B	
WUK0363-28	B-14-11 0-2'	Total/NA	Solid/Soil	3050B	
WUK0363-29	B-13-11 0-2'	Total/NA	Solid/Soil	3050B	
WUK0363-30	B-08-11 0-2'	Total/NA	Solid/Soil	3050B	
WUK0363-31	B-07-11 0-2'	Total/NA	Solid/Soil	3050B	

Analysis Batch: 133453

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-42095-8 DU	WUK0363-08	Total/NA	Solid	7471A	133330
500-42095-8 MS	WUK0363-08	Total/NA	Solid	7471A	133330
500-42095-8 MSD	WUK0363-08	Total/NA	Solid	7471A	133330
500-42095-22 DU	WUK0363-22	Total/NA	Solid	7471A	133331
500-42095-22 MS	WUK0363-22	Total/NA	Solid	7471A	133331
500-42095-22 MSD	WUK0363-22	Total/NA	Solid	7471A	133331
LCS 500-133330/8-A	Lab Control Sample	Total/NA	Solid	7471A	133330
LCS 500-133331/8-A	Lab Control Sample	Total/NA	Solid	7471A	133331
MB 500-133330/7-A	Method Blank	Total/NA	Solid	7471A	133330
MB 500-133331/7-A	Method Blank	Total/NA	Solid	7471A	133331
WUK0363-01	B-27 0-2'	Total/NA	Solid/Soil	7471A	133330
WUK0363-02	B-27 4-6'	Total/NA	Solid/Soil	7471A	133330
WUK0363-03	B-27 8-10'	Total/NA	Solid/Soil	7471A	133330
WUK0363-04	B-04-11 0-2'	Total/NA	Solid/Soil	7471A	133330
WUK0363-05	B-28 0-2'	Total/NA	Solid/Soil	7471A	133330
WUK0363-06	B-28 4-6'	Total/NA	Solid/Soil	7471A	133330
WUK0363-07	B-28 8-10'	Total/NA	Solid/Soil	7471A	133330
WUK0363-08	B-29 0-2'	Total/NA	Solid/Soil	7471A	133330
WUK0363-09	B-29 4-6'	Total/NA	Solid/Soil	7471A	133330
WUK0363-10	B-29 8-10'	Total/NA	Solid/Soil	7471A	133330
WUK0363-11	B-30 0-2'	Total/NA	Solid/Soil	7471A	133330
WUK0363-12	B-30 4-6'	Total/NA	Solid/Soil	7471A	133330
WUK0363-13	B-30 8-10'	Total/NA	Solid/Soil	7471A	133330
WUK0363-14	B-31 0-2'	Total/NA	Solid/Soil	7471A	133330
WUK0363-15	B-31 4-6'	Total/NA	Solid/Soil	7471A	133330
WUK0363-16	B-31 8-10'	Total/NA	Solid/Soil	7471A	133330
WUK0363-17	B-32 0-2'	Total/NA	Solid/Soil	7471A	133330
WUK0363-18	B-12-11 0-2'	Total/NA	Solid/Soil	7471A	133330
WUK0363-19	B-33 0-2'	Total/NA	Solid/Soil	7471A	133330
WUK0363-20	B-33 4-6'	Total/NA	Solid/Soil	7471A	133330

QC Association Summary

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Metals (Continued)

Analysis Batch: 133453 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
WUK0363-21	B-33 8-10'	Total/NA	Solid/Soil	7471A	133331
WUK0363-22	B-10-11 0-2'	Total/NA	Solid/Soil	7471A	133331
WUK0363-23	B-34 0-2'	Total/NA	Solid/Soil	7471A	133331
WUK0363-24	B-09-11 0-2'	Total/NA	Solid/Soil	7471A	133331
WUK0363-25	B-35 0-2'	Total/NA	Solid/Soil	7471A	133331
WUK0363-26	B-35 4-6'	Total/NA	Solid/Soil	7471A	133331
WUK0363-27	B-35 8-10'	Total/NA	Solid/Soil	7471A	133331
WUK0363-28	B-14-11 0-2'	Total/NA	Solid/Soil	7471A	133331
WUK0363-29	B-13-11 0-2'	Total/NA	Solid/Soil	7471A	133331
WUK0363-30	B-08-11 0-2'	Total/NA	Solid/Soil	7471A	133331
WUK0363-31	B-07-11 0-2'	Total/NA	Solid/Soil	7471A	133331

Analysis Batch: 133469

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-42095-30 DU	WUK0363-30	Total/NA	Solid	6010B	133381
500-42095-30 MS	WUK0363-30	Total/NA	Solid	6010B	133381
500-42095-30 MSD	WUK0363-30	Total/NA	Solid	6010B	133381
LCS 500-133381/2-A	Lab Control Sample	Total/NA	Solid	6010B	133381
MB 500-133381/1-A	Method Blank	Total/NA	Solid	6010B	133381
WUK0363-23	B-34 0-2'	Total/NA	Solid/Soil	6010B	133381
WUK0363-24	B-09-11 0-2'	Total/NA	Solid/Soil	6010B	133381
WUK0363-25	B-35 0-2'	Total/NA	Solid/Soil	6010B	133381
WUK0363-26	B-35 4-6'	Total/NA	Solid/Soil	6010B	133381
WUK0363-27	B-35 8-10'	Total/NA	Solid/Soil	6010B	133381
WUK0363-28	B-14-11 0-2'	Total/NA	Solid/Soil	6010B	133381
WUK0363-29	B-13-11 0-2'	Total/NA	Solid/Soil	6010B	133381
WUK0363-30	B-08-11 0-2'	Total/NA	Solid/Soil	6010B	133381
WUK0363-31	B-07-11 0-2'	Total/NA	Solid/Soil	6010B	133381

General Chemistry

Analysis Batch: 132464

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
WUK0363-01	B-27 0-2'	Total/NA	Solid/Soil	Moisture	
WUK0363-02	B-27 4-6'	Total/NA	Solid/Soil	Moisture	

Analysis Batch: 132467

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-42095-3 DU	WUK0363-03	Total/NA	Solid	Moisture	
WUK0363-03	B-27 8-10'	Total/NA	Solid/Soil	Moisture	
WUK0363-04	B-04-11 0-2'	Total/NA	Solid/Soil	Moisture	
WUK0363-05	B-28 0-2'	Total/NA	Solid/Soil	Moisture	
WUK0363-06	B-28 4-6'	Total/NA	Solid/Soil	Moisture	
WUK0363-07	B-28 8-10'	Total/NA	Solid/Soil	Moisture	
WUK0363-08	B-29 0-2'	Total/NA	Solid/Soil	Moisture	
WUK0363-09	B-29 4-6'	Total/NA	Solid/Soil	Moisture	
WUK0363-10	B-29 8-10'	Total/NA	Solid/Soil	Moisture	
WUK0363-11	B-30 0-2'	Total/NA	Solid/Soil	Moisture	
WUK0363-12	B-30 4-6'	Total/NA	Solid/Soil	Moisture	
WUK0363-13	B-30 8-10'	Total/NA	Solid/Soil	Moisture	
WUK0363-14	B-31 0-2'	Total/NA	Solid/Soil	Moisture	
WUK0363-15	B-31 4-6'	Total/NA	Solid/Soil	Moisture	

QC Association Summary

Client: Tetra Tech GEO
 Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

General Chemistry (Continued)

Analysis Batch: 132467 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
WUK0363-16	B-31 8-10'	Total/NA	Solid/Soil	Moisture	
WUK0363-17	B-32 0-2'	Total/NA	Solid/Soil	Moisture	
WUK0363-18	B-12-11 0-2'	Total/NA	Solid/Soil	Moisture	
WUK0363-19	B-33 0-2'	Total/NA	Solid/Soil	Moisture	
WUK0363-20	B-33 4-6'	Total/NA	Solid/Soil	Moisture	
WUK0363-21	B-33 8-10'	Total/NA	Solid/Soil	Moisture	
WUK0363-22	B-10-11 0-2'	Total/NA	Solid/Soil	Moisture	

Analysis Batch: 132492

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
WUK0363-23	B-34 0-2'	Total/NA	Solid/Soil	Moisture	
WUK0363-24	B-09-11 0-2'	Total/NA	Solid/Soil	Moisture	
WUK0363-25	B-35 0-2'	Total/NA	Solid/Soil	Moisture	
WUK0363-26	B-35 4-6'	Total/NA	Solid/Soil	Moisture	
WUK0363-27	B-35 8-10'	Total/NA	Solid/Soil	Moisture	
WUK0363-28	B-14-11 0-2'	Total/NA	Solid/Soil	Moisture	
WUK0363-29	B-13-11 0-2'	Total/NA	Solid/Soil	Moisture	
WUK0363-30	B-08-11 0-2'	Total/NA	Solid/Soil	Moisture	
WUK0363-31	B-07-11 0-2'	Total/NA	Solid/Soil	Moisture	

WetChem

Analysis Batch: 11K0302

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
WUK0363-01	B-27 0-2'	Total	Solid/Soil	SM 2540G	11K0302_P
WUK0363-02	B-27 4-6'	Total	Solid/Soil	SM 2540G	11K0302_P
WUK0363-03	B-27 8-10'	Total	Solid/Soil	SM 2540G	11K0302_P
WUK0363-04	B-04-11 0-2'	Total	Solid/Soil	SM 2540G	11K0302_P
WUK0363-05	B-28 0-2'	Total	Solid/Soil	SM 2540G	11K0302_P
WUK0363-06	B-28 4-6'	Total	Solid/Soil	SM 2540G	11K0302_P
WUK0363-07	B-28 8-10'	Total	Solid/Soil	SM 2540G	11K0302_P
WUK0363-08	B-29 0-2'	Total	Solid/Soil	SM 2540G	11K0302_P
WUK0363-09	B-29 4-6'	Total	Solid/Soil	SM 2540G	11K0302_P
WUK0363-10	B-29 8-10'	Total	Solid/Soil	SM 2540G	11K0302_P
WUK0363-11	B-30 0-2'	Total	Solid/Soil	SM 2540G	11K0302_P
WUK0363-12	B-30 4-6'	Total	Solid/Soil	SM 2540G	11K0302_P
WUK0363-13	B-30 8-10'	Total	Solid/Soil	SM 2540G	11K0302_P
WUK0363-14	B-31 0-2'	Total	Solid/Soil	SM 2540G	11K0302_P
WUK0363-15	B-31 4-6'	Total	Solid/Soil	SM 2540G	11K0302_P
WUK0363-16	B-31 8-10'	Total	Solid/Soil	SM 2540G	11K0302_P
WUK0363-17	B-32 0-2'	Total	Solid/Soil	SM 2540G	11K0302_P
WUK0363-18	B-12-11 0-2'	Total	Solid/Soil	SM 2540G	11K0302_P
WUK0363-19	B-33 0-2'	Total	Solid/Soil	SM 2540G	11K0302_P
WUK0363-20	B-33 4-6'	Total	Solid/Soil	SM 2540G	11K0302_P
WUK0363-21	B-33 8-10'	Total	Solid/Soil	SM 2540G	11K0302_P
WUK0363-22	B-10-11 0-2'	Total	Solid/Soil	SM 2540G	11K0302_P
WUK0363-23	B-34 0-2'	Total	Solid/Soil	SM 2540G	11K0302_P
WUK0363-24	B-09-11 0-2'	Total	Solid/Soil	SM 2540G	11K0302_P
WUK0363-25	B-35 0-2'	Total	Solid/Soil	SM 2540G	11K0302_P
WUK0363-26	B-35 4-6'	Total	Solid/Soil	SM 2540G	11K0302_P
WUK0363-27	B-35 8-10'	Total	Solid/Soil	SM 2540G	11K0302_P
WUK0363-28	B-14-11 0-2'	Total	Solid/Soil	SM 2540G	11K0302_P

QC Association Summary

Client: Tetra Tech GEO
 Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

WetChem (Continued)

Analysis Batch: 11K0302 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
WUK0363-29	B-13-11 0-2'	Total	Solid/Soil	SM 2540G	11K0302_P
WUK0363-30	B-08-11 0-2'	Total	Solid/Soil	SM 2540G	11K0302_P
WUK0363-31	B-07-11 0-2'	Total	Solid/Soil	SM 2540G	11K0302_P

Prep Batch: 11K0302_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
WUK0363-01	B-27 0-2'	Total	Solid/Soil	% Solids	
WUK0363-02	B-27 4-6'	Total	Solid/Soil	% Solids	
WUK0363-03	B-27 8-10'	Total	Solid/Soil	% Solids	
WUK0363-04	B-04-11 0-2'	Total	Solid/Soil	% Solids	
WUK0363-05	B-28 0-2'	Total	Solid/Soil	% Solids	
WUK0363-06	B-28 4-6'	Total	Solid/Soil	% Solids	
WUK0363-07	B-28 8-10'	Total	Solid/Soil	% Solids	
WUK0363-08	B-29 0-2'	Total	Solid/Soil	% Solids	
WUK0363-09	B-29 4-6'	Total	Solid/Soil	% Solids	
WUK0363-10	B-29 8-10'	Total	Solid/Soil	% Solids	
WUK0363-11	B-30 0-2'	Total	Solid/Soil	% Solids	
WUK0363-12	B-30 4-6'	Total	Solid/Soil	% Solids	
WUK0363-13	B-30 8-10'	Total	Solid/Soil	% Solids	
WUK0363-14	B-31 0-2'	Total	Solid/Soil	% Solids	
WUK0363-15	B-31 4-6'	Total	Solid/Soil	% Solids	
WUK0363-16	B-31 8-10'	Total	Solid/Soil	% Solids	
WUK0363-17	B-32 0-2'	Total	Solid/Soil	% Solids	
WUK0363-18	B-12-11 0-2'	Total	Solid/Soil	% Solids	
WUK0363-19	B-33 0-2'	Total	Solid/Soil	% Solids	
WUK0363-20	B-33 4-6'	Total	Solid/Soil	% Solids	
WUK0363-21	B-33 8-10'	Total	Solid/Soil	% Solids	
WUK0363-22	B-10-11 0-2'	Total	Solid/Soil	% Solids	
WUK0363-23	B-34 0-2'	Total	Solid/Soil	% Solids	
WUK0363-24	B-09-11 0-2'	Total	Solid/Soil	% Solids	
WUK0363-25	B-35 0-2'	Total	Solid/Soil	% Solids	
WUK0363-26	B-35 4-6'	Total	Solid/Soil	% Solids	
WUK0363-27	B-35 8-10'	Total	Solid/Soil	% Solids	
WUK0363-28	B-14-11 0-2'	Total	Solid/Soil	% Solids	
WUK0363-29	B-13-11 0-2'	Total	Solid/Soil	% Solids	
WUK0363-30	B-08-11 0-2'	Total	Solid/Soil	% Solids	
WUK0363-31	B-07-11 0-2'	Total	Solid/Soil	% Solids	

Lab Chronicle

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-27 0-2'

Lab Sample ID: WUK0363-01

Date Collected: 11/09/11 08:55

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 76.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	Default Prep VOC		1.0	11K0156_P	11/14/11 12:58	ABA	TAL WT
Total	Analysis	SW 8260B		1.0	U001383	11/14/11 21:01	ABA	TAL WT
Total/NA	Prep	3541			133299	11/19/11 10:29	DAK	TAL CHI
Total/NA	Analysis	8270C		1	133580	11/22/11 16:06	JB	TAL CHI
Total/NA	Prep	3541			133259	11/18/11 18:58	DEA	TAL CHI
Total/NA	Analysis	8082		1	133429	11/21/11 17:16	GMO	TAL CHI
Total/NA	Prep	3050B			133165	11/18/11 10:40	PJ	TAL CHI
Total/NA	Analysis	6010B		1	133290	11/19/11 05:05	TDS	TAL CHI
Total/NA	Prep	7471A			133330	11/21/11 08:40	MBG	TAL CHI
Total/NA	Analysis	7471A		1	133453	11/21/11 11:16	JR	TAL CHI
Total/NA	Analysis	Moisture		1	132464	11/12/11 11:20	CMV	TAL CHI
Total	Prep	% Solids		1.0	11K0302_P	11/12/11 13:45	BDD	TAL WT
Total	Analysis	SM 2540G		1.0	11K0302	11/28/11 13:46	BDD	TAL WT

Client Sample ID: B-27 4-6'

Lab Sample ID: WUK0363-02

Date Collected: 11/09/11 09:05

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 85.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	Default Prep VOC		1.0	11K0150_P	11/14/11 12:16	ABA	TAL WT
Total	Analysis	SW 8260B		1.0	U001379	11/14/11 21:19	ABA	TAL WT
Total/NA	Prep	3541			133299	11/19/11 10:29	DAK	TAL CHI
Total/NA	Analysis	8270C		1	133580	11/22/11 16:27	JB	TAL CHI
Total/NA	Prep	3541			133259	11/18/11 18:58	DEA	TAL CHI
Total/NA	Analysis	8082		1	133371	11/20/11 13:25	GMO	TAL CHI
Total/NA	Prep	3050B			133165	11/18/11 10:40	PJ	TAL CHI
Total/NA	Analysis	6010B		1	133290	11/19/11 05:11	TDS	TAL CHI
Total/NA	Prep	7471A			133330	11/21/11 08:40	MBG	TAL CHI
Total/NA	Analysis	7471A		1	133453	11/21/11 11:18	JR	TAL CHI
Total/NA	Analysis	Moisture		1	132464	11/12/11 11:20	CMV	TAL CHI
Total	Prep	% Solids		1.0	11K0302_P	11/12/11 13:45	BDD	TAL WT
Total	Analysis	SM 2540G		1.0	11K0302	11/28/11 13:46	BDD	TAL WT

Client Sample ID: B-27 8-10'

Lab Sample ID: WUK0363-03

Date Collected: 11/09/11 09:15

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 84.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	Default Prep VOC		1.0	11K0172_P	11/15/11 10:57	ABA	TAL WT
Total	Analysis	SW 8260B		1.0	U001388	11/15/11 12:05	ABA	TAL WT
Total/NA	Prep	3541			133299	11/19/11 10:29	DAK	TAL CHI
Total/NA	Analysis	8270C		1	133580	11/22/11 16:48	JB	TAL CHI
Total/NA	Prep	3541			133259	11/18/11 18:58	DEA	TAL CHI
Total/NA	Analysis	8082		1	133371	11/20/11 13:38	GMO	TAL CHI

Lab Chronicle

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-27 8-10'

Lab Sample ID: WUK0363-03

Date Collected: 11/09/11 09:15

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 84.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			133165	11/18/11 10:40	PJ	TAL CHI
Total/NA	Analysis	6010B		1	133290	11/19/11 05:18	TDS	TAL CHI
Total/NA	Prep	7471A			133330	11/21/11 08:40	MBG	TAL CHI
Total/NA	Analysis	7471A		1	133453	11/21/11 11:20	JR	TAL CHI
Total/NA	Analysis	Moisture		1	132467	11/12/11 11:58	CMV	TAL CHI
Total	Prep	% Solids		1.0	11K0302_P	11/12/11 13:45	BDD	TAL WT
Total	Analysis	SM 2540G		1.0	11K0302	11/28/11 13:46	BDD	TAL WT

Client Sample ID: B-04-11 0-2'

Lab Sample ID: WUK0363-04

Date Collected: 11/09/11 09:20

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 84.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	Default Prep VOC		1.0	11K0172_P	11/15/11 10:57	ABA	TAL WT
Total	Analysis	SW 8260B		1.0	U001388	11/15/11 12:32	ABA	TAL WT
Total/NA	Prep	3541			133299	11/19/11 10:29	DAK	TAL CHI
Total/NA	Analysis	8270C		1	133465	11/21/11 20:20	DA	TAL CHI
Total/NA	Prep	3541			133259	11/18/11 18:58	DEA	TAL CHI
Total/NA	Analysis	8082		1	133371	11/20/11 13:53	GMO	TAL CHI
Total/NA	Prep	3050B			133165	11/18/11 10:40	PJ	TAL CHI
Total/NA	Analysis	6010B		1	133290	11/19/11 05:24	TDS	TAL CHI
Total/NA	Prep	7471A			133330	11/21/11 08:40	MBG	TAL CHI
Total/NA	Analysis	7471A		1	133453	11/21/11 11:22	JR	TAL CHI
Total/NA	Analysis	Moisture		1	132467	11/12/11 11:58	CMV	TAL CHI
Total	Prep	% Solids		1.0	11K0302_P	11/12/11 13:45	BDD	TAL WT
Total	Analysis	SM 2540G		1.0	11K0302	11/28/11 13:46	BDD	TAL WT

Client Sample ID: B-28 0-2'

Lab Sample ID: WUK0363-05

Date Collected: 11/09/11 09:35

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 84.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	Default Prep VOC		1.0	11K0172_P	11/15/11 10:57	ABA	TAL WT
Total	Analysis	SW 8260B		1.0	U001388	11/15/11 12:59	ABA	TAL WT
Total/NA	Prep	3541			133299	11/19/11 10:29	DAK	TAL CHI
Total/NA	Analysis	8270C		1	133465	11/21/11 20:42	DA	TAL CHI
Total/NA	Prep	3541			133259	11/18/11 18:58	DEA	TAL CHI
Total/NA	Analysis	8082		1	133371	11/20/11 14:34	GMO	TAL CHI
Total/NA	Prep	3050B			133165	11/18/11 10:40	PJ	TAL CHI
Total/NA	Analysis	6010B		1	133290	11/19/11 05:30	TDS	TAL CHI
Total/NA	Prep	7471A			133330	11/21/11 08:40	MBG	TAL CHI
Total/NA	Analysis	7471A		1	133453	11/21/11 11:24	JR	TAL CHI
Total/NA	Analysis	Moisture		1	132467	11/12/11 11:58	CMV	TAL CHI
Total	Prep	% Solids		1.0	11K0302_P	11/12/11 13:45	BDD	TAL WT

Lab Chronicle

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-28 0-2'

Lab Sample ID: WUK0363-05

Date Collected: 11/09/11 09:35

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 84.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Analysis	SM 2540G		1.0	11K0302	11/28/11 13:46	BDD	TAL WT

Client Sample ID: B-28 4-6'

Lab Sample ID: WUK0363-06

Date Collected: 11/09/11 09:45

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 86

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	Default Prep VOC		1.0	11K0172_P	11/15/11 10:57	ABA	TAL WT
Total	Analysis	SW 8260B		1.0	U001388	11/15/11 13:26	ABA	TAL WT
Total/NA	Prep	3541			133299	11/19/11 10:29	DAK	TAL CHI
Total/NA	Analysis	8270C		1	133465	11/21/11 21:04	DA	TAL CHI
Total/NA	Prep	3541			133259	11/18/11 18:58	DEA	TAL CHI
Total/NA	Analysis	8082		1	133371	11/20/11 14:48	GMO	TAL CHI
Total/NA	Prep	3050B			133165	11/18/11 10:40	PJ	TAL CHI
Total/NA	Analysis	6010B		1	133290	11/19/11 05:51	TDS	TAL CHI
Total/NA	Prep	7471A			133330	11/21/11 08:40	MBG	TAL CHI
Total/NA	Analysis	7471A		1	133453	11/21/11 11:29	JR	TAL CHI
Total/NA	Analysis	Moisture		1	132467	11/12/11 11:58	CMV	TAL CHI
Total	Prep	% Solids		1.0	11K0302_P	11/12/11 13:45	BDD	TAL WT
Total	Analysis	SM 2540G		1.0	11K0302	11/28/11 13:46	BDD	TAL WT

Client Sample ID: B-28 8-10'

Lab Sample ID: WUK0363-07

Date Collected: 11/09/11 09:55

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 86.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	Default Prep VOC		1.0	11K0172_P	11/15/11 10:57	ABA	TAL WT
Total	Analysis	SW 8260B		1.0	U001388	11/15/11 13:53	ABA	TAL WT
Total/NA	Prep	3541			133299	11/19/11 10:29	DAK	TAL CHI
Total/NA	Analysis	8270C		1	133465	11/21/11 21:26	DA	TAL CHI
Total/NA	Prep	3541			133259	11/18/11 18:58	DEA	TAL CHI
Total/NA	Analysis	8082		1	133371	11/20/11 15:16	GMO	TAL CHI
Total/NA	Prep	3050B			133165	11/18/11 10:40	PJ	TAL CHI
Total/NA	Analysis	6010B		1	133290	11/19/11 05:57	TDS	TAL CHI
Total/NA	Prep	7471A			133330	11/21/11 08:40	MBG	TAL CHI
Total/NA	Analysis	7471A		1	133453	11/21/11 11:31	JR	TAL CHI
Total/NA	Analysis	Moisture		1	132467	11/12/11 11:58	CMV	TAL CHI
Total	Prep	% Solids		1.0	11K0302_P	11/12/11 13:45	BDD	TAL WT
Total	Analysis	SM 2540G		1.0	11K0302	11/28/11 13:46	BDD	TAL WT

Lab Chronicle

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-29 0-2'

Lab Sample ID: WUK0363-08

Date Collected: 11/09/11 10:00

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 88.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	Default Prep VOC		1.0	11K0172_P	11/15/11 10:57	ABA	TAL WT
Total	Analysis	SW 8260B		1.0	U001388	11/15/11 14:21	ABA	TAL WT
Total/NA	Prep	3541			133299	11/19/11 10:29	DAK	TAL CHI
Total/NA	Analysis	8270C		1	133465	11/21/11 21:49	DA	TAL CHI
Total/NA	Prep	3541			133259	11/18/11 18:58	DEA	TAL CHI
Total/NA	Analysis	8082		1	133371	11/20/11 15:30	GMO	TAL CHI
Total/NA	Prep	3050B			133165	11/18/11 10:40	PJ	TAL CHI
Total/NA	Analysis	6010B		1	133290	11/19/11 06:03	TDS	TAL CHI
Total/NA	Prep	7471A			133330	11/21/11 08:40	MBG	TAL CHI
Total/NA	Analysis	7471A		1	133453	11/21/11 11:32	JR	TAL CHI
Total/NA	Analysis	Moisture		1	132467	11/12/11 11:58	CMV	TAL CHI
Total	Prep	% Solids		1.0	11K0302_P	11/12/11 13:45	BDD	TAL WT
Total	Analysis	SM 2540G		1.0	11K0302	11/28/11 13:46	BDD	TAL WT

Client Sample ID: B-29 4-6'

Lab Sample ID: WUK0363-09

Date Collected: 11/09/11 10:10

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 86.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	Default Prep VOC		1.0	11K0172_P	11/15/11 10:57	ABA	TAL WT
Total	Analysis	SW 8260B		1.0	U001388	11/15/11 14:48	ABA	TAL WT
Total/NA	Prep	3541			133299	11/19/11 10:29	DAK	TAL CHI
Total/NA	Analysis	8270C		1	133465	11/21/11 22:11	DA	TAL CHI
Total/NA	Prep	3541			133259	11/18/11 18:58	DEA	TAL CHI
Total/NA	Analysis	8082		1	133371	11/20/11 15:44	GMO	TAL CHI
Total/NA	Prep	3050B			133165	11/18/11 10:40	PJ	TAL CHI
Total/NA	Analysis	6010B		1	133290	11/19/11 06:10	TDS	TAL CHI
Total/NA	Prep	7471A			133330	11/21/11 08:40	MBG	TAL CHI
Total/NA	Analysis	7471A		1	133453	11/21/11 11:39	JR	TAL CHI
Total/NA	Analysis	Moisture		1	132467	11/12/11 11:58	CMV	TAL CHI
Total	Prep	% Solids		1.0	11K0302_P	11/12/11 13:45	BDD	TAL WT
Total	Analysis	SM 2540G		1.0	11K0302	11/28/11 13:46	BDD	TAL WT

Client Sample ID: B-29 8-10'

Lab Sample ID: WUK0363-10

Date Collected: 11/09/11 10:20

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 83

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	Default Prep VOC		1.0	11K0172_P	11/15/11 10:57	ABA	TAL WT
Total	Analysis	SW 8260B		1.0	U001388	11/15/11 15:15	ABA	TAL WT
Total/NA	Prep	3541			133299	11/19/11 10:29	DAK	TAL CHI
Total/NA	Analysis	8270C		1	133583	11/22/11 13:37	DA	TAL CHI
Total/NA	Prep	3541			133259	11/18/11 18:58	DEA	TAL CHI
Total/NA	Analysis	8082		1	133371	11/20/11 15:58	GMO	TAL CHI

Lab Chronicle

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-29 8-10'

Lab Sample ID: WUK0363-10

Date Collected: 11/09/11 10:20

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 83.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			133165	11/18/11 10:40	PJ	TAL CHI
Total/NA	Analysis	6010B		1	133290	11/19/11 06:16	TDS	TAL CHI
Total/NA	Prep	7471A			133330	11/21/11 08:40	MBG	TAL CHI
Total/NA	Analysis	7471A		1	133453	11/21/11 11:41	JR	TAL CHI
Total/NA	Analysis	Moisture		1	132467	11/12/11 11:58	CMV	TAL CHI
Total	Prep	% Solids		1.0	11K0302_P	11/12/11 13:45	BDD	TAL WT
Total	Analysis	SM 2540G		1.0	11K0302	11/28/11 13:46	BDD	TAL WT

Client Sample ID: B-30 0-2'

Lab Sample ID: WUK0363-11

Date Collected: 11/09/11 10:25

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 86.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	Default Prep VOC		1.0	11K0172_P	11/15/11 10:57	ABA	TAL WT
Total	Analysis	SW 8260B		1.0	U001388	11/15/11 15:42	ABA	TAL WT
Total/NA	Prep	3541			133299	11/19/11 10:29	DAK	TAL CHI
Total/NA	Analysis	8270C		1	133465	11/21/11 22:55	DA	TAL CHI
Total/NA	Prep	3541			133259	11/18/11 18:58	DEA	TAL CHI
Total/NA	Analysis	8082		1	133371	11/20/11 16:12	GMO	TAL CHI
Total/NA	Prep	3050B			133165	11/18/11 10:40	PJ	TAL CHI
Total/NA	Analysis	6010B		1	133290	11/19/11 06:22	TDS	TAL CHI
Total/NA	Prep	7471A			133330	11/21/11 08:40	MBG	TAL CHI
Total/NA	Analysis	7471A		1	133453	11/21/11 11:43	JR	TAL CHI
Total/NA	Analysis	Moisture		1	132467	11/12/11 11:58	CMV	TAL CHI
Total	Prep	% Solids		1.0	11K0302_P	11/12/11 13:45	BDD	TAL WT
Total	Analysis	SM 2540G		1.0	11K0302	11/28/11 13:46	BDD	TAL WT

Client Sample ID: B-30 4-6'

Lab Sample ID: WUK0363-12

Date Collected: 11/09/11 10:35

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 83.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	Default Prep VOC		1.0	11K0172_P	11/15/11 10:57	ABA	TAL WT
Total	Analysis	SW 8260B		1.0	U001388	11/15/11 16:09	ABA	TAL WT
Total/NA	Prep	3541			133299	11/19/11 10:29	DAK	TAL CHI
Total/NA	Analysis	8270C		1	133465	11/21/11 23:17	DA	TAL CHI
Total/NA	Prep	3541			133259	11/18/11 18:58	DEA	TAL CHI
Total/NA	Analysis	8082		1	133371	11/20/11 16:26	GMO	TAL CHI
Total/NA	Prep	3050B			133165	11/18/11 10:40	PJ	TAL CHI
Total/NA	Analysis	6010B		1	133290	11/19/11 06:28	TDS	TAL CHI
Total/NA	Prep	7471A			133330	11/21/11 08:40	MBG	TAL CHI
Total/NA	Analysis	7471A		1	133453	11/21/11 11:45	JR	TAL CHI
Total/NA	Analysis	Moisture		1	132467	11/12/11 11:58	CMV	TAL CHI
Total	Prep	% Solids		1.0	11K0302_P	11/12/11 13:45	BDD	TAL WT

Lab Chronicle

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-30 4-6'

Lab Sample ID: WUK0363-12

Date Collected: 11/09/11 10:35

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 83.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Analysis	SM 2540G		1.0	11K0302	11/28/11 13:46	BDD	TAL WT

Client Sample ID: B-30 8-10'

Lab Sample ID: WUK0363-13

Date Collected: 11/09/11 10:45

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 83.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	Default Prep VOC		1.0	11K0172_P	11/15/11 10:57	ABA	TAL WT
Total	Analysis	SW 8260B		1.0	U001388	11/15/11 16:36	ABA	TAL WT
Total/NA	Prep	3541			133299	11/19/11 10:29	DAK	TAL CHI
Total/NA	Analysis	8270C		1	133583	11/22/11 14:00	DA	TAL CHI
Total/NA	Prep	3541			133259	11/18/11 18:58	DEA	TAL CHI
Total/NA	Analysis	8082		1	133371	11/20/11 16:39	GMO	TAL CHI
Total/NA	Prep	3050B			133165	11/18/11 10:40	PJ	TAL CHI
Total/NA	Analysis	6010B		1	133290	11/19/11 06:34	TDS	TAL CHI
Total/NA	Prep	7471A			133330	11/21/11 08:40	MBG	TAL CHI
Total/NA	Analysis	7471A		1	133453	11/21/11 11:50	JR	TAL CHI
Total/NA	Analysis	Moisture		1	132467	11/12/11 11:58	CMV	TAL CHI
Total	Prep	% Solids		1.0	11K0302_P	11/12/11 13:45	BDD	TAL WT
Total	Analysis	SM 2540G		1.0	11K0302	11/28/11 13:46	BDD	TAL WT

Client Sample ID: B-31 0-2'

Lab Sample ID: WUK0363-14

Date Collected: 11/09/11 10:50

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 86

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	Default Prep VOC		1.0	11K0172_P	11/15/11 10:57	ABA	TAL WT
Total	Analysis	SW 8260B		1.0	U001388	11/15/11 17:03	ABA	TAL WT
Total/NA	Prep	3541			133299	11/19/11 10:29	DAK	TAL CHI
Total/NA	Analysis	8270C		1	133465	11/22/11 00:02	DA	TAL CHI
Total/NA	Prep	3541			133259	11/18/11 18:58	DEA	TAL CHI
Total/NA	Analysis	8082		20	133429	11/21/11 17:58	GMO	TAL CHI
Total/NA	Prep	3050B			133165	11/18/11 10:40	PJ	TAL CHI
Total/NA	Analysis	6010B		1	133290	11/19/11 06:41	TDS	TAL CHI
Total/NA	Prep	7471A			133330	11/21/11 08:40	MBG	TAL CHI
Total/NA	Analysis	7471A		1	133453	11/21/11 11:51	JR	TAL CHI
Total/NA	Analysis	Moisture		1	132467	11/12/11 11:58	CMV	TAL CHI
Total	Prep	% Solids		1.0	11K0302_P	11/12/11 13:45	BDD	TAL WT
Total	Analysis	SM 2540G		1.0	11K0302	11/28/11 13:46	BDD	TAL WT

Lab Chronicle

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-31 4-6'

Lab Sample ID: WUK0363-15

Date Collected: 11/09/11 11:00

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 82.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	Default Prep VOC		1.0	11K0172_P	11/15/11 10:57	ABA	TAL WT
Total	Analysis	SW 8260B		1.0	U001388	11/15/11 17:31	ABA	TAL WT
Total	Prep	Default Prep VOC	RE1	1.0	11K0189_P	11/16/11 12:47	ABA	TAL WT
Total	Analysis	SW 8260B	RE1	10	U001392	11/16/11 20:34	ABA	TAL WT
Total/NA	Prep	3541			133299	11/19/11 10:29	DAK	TAL CHI
Total/NA	Analysis	8270C		1	133465	11/22/11 02:38	DA	TAL CHI
Total/NA	Prep	3541	DL		133299	11/19/11 10:29	DAK	TAL CHI
Total/NA	Analysis	8270C	DL	50	133583	11/22/11 18:29	DA	TAL CHI
Total/NA	Prep	3541			133259	11/18/11 18:58	DEA	TAL CHI
Total/NA	Analysis	8082		1	133371	11/20/11 17:07	GMO	TAL CHI
Total/NA	Prep	3050B			133204	11/18/11 15:00	PJ	TAL CHI
Total/NA	Analysis	6010B		1	133316	11/19/11 12:04	TDS	TAL CHI
Total/NA	Prep	7471A			133330	11/21/11 08:40	MBG	TAL CHI
Total/NA	Analysis	7471A		1	133453	11/21/11 11:53	JR	TAL CHI
Total/NA	Analysis	Moisture		1	132467	11/12/11 11:58	CMV	TAL CHI
Total	Prep	% Solids		1.0	11K0302_P	11/12/11 13:45	BDD	TAL WT
Total	Analysis	SM 2540G		1.0	11K0302	11/28/11 13:46	BDD	TAL WT

Client Sample ID: B-31 8-10'

Lab Sample ID: WUK0363-16

Date Collected: 11/09/11 11:10

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 85.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	Default Prep VOC		1.0	11K0172_P	11/15/11 10:57	ABA	TAL WT
Total	Analysis	SW 8260B		1.0	U001388	11/15/11 17:58	ABA	TAL WT
Total	Prep	Default Prep VOC	RE1	1.0	11K0189_P	11/16/11 12:47	ABA	TAL WT
Total	Analysis	SW 8260B	RE1	1.0	U001392	11/16/11 13:18	ABA	TAL WT
Total/NA	Prep	3541			133299	11/19/11 10:29	DAK	TAL CHI
Total/NA	Analysis	8270C		50	133583	11/22/11 17:45	DA	TAL CHI
Total/NA	Prep	3541			133259	11/18/11 18:58	DEA	TAL CHI
Total/NA	Analysis	8082		1	133429	11/21/11 18:13	GMO	TAL CHI
Total/NA	Prep	3050B			133204	11/18/11 15:00	PJ	TAL CHI
Total/NA	Analysis	6010B		1	133316	11/19/11 12:10	TDS	TAL CHI
Total/NA	Prep	7471A			133330	11/21/11 08:40	MBG	TAL CHI
Total/NA	Analysis	7471A		1	133453	11/21/11 11:55	JR	TAL CHI
Total/NA	Analysis	Moisture		1	132467	11/12/11 11:58	CMV	TAL CHI
Total	Prep	% Solids		1.0	11K0302_P	11/12/11 13:45	BDD	TAL WT
Total	Analysis	SM 2540G		1.0	11K0302	11/28/11 13:46	BDD	TAL WT

Lab Chronicle

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-32 0-2'

Lab Sample ID: WUK0363-17

Date Collected: 11/09/11 12:10

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 86.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	Default Prep VOC		1.0	11K0172_P	11/15/11 10:57	ABA	TAL WT
Total	Analysis	SW 8260B		1.0	U001388	11/15/11 18:25	ABA	TAL WT
Total	Prep	Default Prep VOC	RE1	1.0	11K0189_P	11/16/11 12:47	ABA	TAL WT
Total	Analysis	SW 8260B	RE1	1.0	U001392	11/16/11 14:12	ABA	TAL WT
Total/NA	Prep	3541			133299	11/19/11 10:29	DAK	TAL CHI
Total/NA	Analysis	8270C		1	133583	11/22/11 14:22	DA	TAL CHI
Total/NA	Prep	3541			133259	11/18/11 18:58	DEA	TAL CHI
Total/NA	Analysis	8082		1	133429	11/21/11 18:27	GMO	TAL CHI
Total/NA	Prep	3050B			133204	11/18/11 15:00	PJ	TAL CHI
Total/NA	Analysis	6010B		1	133316	11/19/11 12:32	TDS	TAL CHI
Total/NA	Prep	7471A			133330	11/21/11 08:40	MBG	TAL CHI
Total/NA	Analysis	7471A		1	133453	11/21/11 11:57	JR	TAL CHI
Total/NA	Analysis	Moisture		1	132467	11/12/11 11:58	CMV	TAL CHI
Total	Prep	% Solids		1.0	11K0302_P	11/12/11 13:45	BDD	TAL WT
Total	Analysis	SM 2540G		1.0	11K0302	11/28/11 13:46	BDD	TAL WT

Client Sample ID: B-12-11 0-2'

Lab Sample ID: WUK0363-18

Date Collected: 11/09/11 12:15

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 84.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	Default Prep VOC	RE1	1.0	11K0210_P	11/17/11 13:37	ABA	TAL WT
Total	Analysis	SW 8260B	RE1	1.0	U001399	11/17/11 23:34	ABA	TAL WT
Total/NA	Prep	3541			133299	11/19/11 10:29	DAK	TAL CHI
Total/NA	Analysis	8270C		20	133465	11/22/11 00:25	DA	TAL CHI
Total/NA	Prep	3541	DL		133299	11/19/11 10:29	DAK	TAL CHI
Total/NA	Analysis	8270C	DL	500	133583	11/22/11 18:52	DA	TAL CHI
Total/NA	Prep	3541			133259	11/18/11 18:58	DEA	TAL CHI
Total/NA	Analysis	8082		1	133429	11/21/11 18:41	GMO	TAL CHI
Total/NA	Prep	3050B			133204	11/18/11 15:00	PJ	TAL CHI
Total/NA	Analysis	6010B		1	133316	11/19/11 12:38	TDS	TAL CHI
Total/NA	Prep	7471A			133330	11/21/11 08:40	MBG	TAL CHI
Total/NA	Analysis	7471A		50	133453	11/21/11 12:50	JR	TAL CHI
Total/NA	Analysis	Moisture		1	132467	11/12/11 11:58	CMV	TAL CHI
Total	Prep	% Solids		1.0	11K0302_P	11/12/11 13:45	BDD	TAL WT
Total	Analysis	SM 2540G		1.0	11K0302	11/28/11 13:46	BDD	TAL WT

Client Sample ID: B-33 0-2'

Lab Sample ID: WUK0363-19

Date Collected: 11/09/11 12:25

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 86.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	Default Prep VOC		1.0	11K0172_P	11/15/11 10:57	ABA	TAL WT
Total	Analysis	SW 8260B		1.0	U001388	11/15/11 18:52	ABA	TAL WT

Lab Chronicle

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-33 0-2'

Lab Sample ID: WUK0363-19

Date Collected: 11/09/11 12:25

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 86.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	Default Prep VOC	RE1	1.0	11K0189_P	11/16/11 12:47	ABA	TAL WT
Total	Analysis	SW 8260B	RE1	1.0	U001392	11/16/11 13:45	ABA	TAL WT
Total/NA	Prep	3541			133299	11/19/11 10:29	DAK	TAL CHI
Total/NA	Analysis	8270C		5	133583	11/22/11 15:30	DA	TAL CHI
Total/NA	Prep	3541			133259	11/18/11 18:58	DEA	TAL CHI
Total/NA	Analysis	8082		5	133429	11/21/11 18:55	GMO	TAL CHI
Total/NA	Prep	3050B			133204	11/18/11 15:00	PJ	TAL CHI
Total/NA	Analysis	6010B		1	133316	11/19/11 12:44	TDS	TAL CHI
Total/NA	Prep	7471A			133330	11/21/11 08:40	MBG	TAL CHI
Total/NA	Analysis	7471A		20	133453	11/21/11 12:52	JR	TAL CHI
Total/NA	Analysis	Moisture		1	132467	11/12/11 11:58	CMV	TAL CHI
Total	Prep	% Solids		1.0	11K0302_P	11/12/11 13:45	BDD	TAL WT
Total	Analysis	SM 2540G		1.0	11K0302	11/28/11 13:46	BDD	TAL WT

Client Sample ID: B-33 4-6'

Lab Sample ID: WUK0363-20

Date Collected: 11/09/11 12:35

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 85.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	Default Prep VOC		1.0	11K0172_P	11/15/11 10:57	ABA	TAL WT
Total	Analysis	SW 8260B		1.0	U001388	11/15/11 19:19	ABA	TAL WT
Total/NA	Prep	3541			133299	11/19/11 10:29	DAK	TAL CHI
Total/NA	Analysis	8270C		1	133583	11/22/11 14:45	DA	TAL CHI
Total/NA	Prep	3541			133259	11/18/11 18:58	DEA	TAL CHI
Total/NA	Analysis	8082		1	133371	11/20/11 18:17	GMO	TAL CHI
Total/NA	Prep	3050B			133204	11/18/11 15:00	PJ	TAL CHI
Total/NA	Analysis	6010B		1	133316	11/19/11 12:50	TDS	TAL CHI
Total/NA	Prep	7471A			133330	11/21/11 08:40	MBG	TAL CHI
Total/NA	Analysis	7471A		1	133453	11/21/11 12:03	JR	TAL CHI
Total/NA	Analysis	Moisture		1	132467	11/12/11 11:58	CMV	TAL CHI
Total	Prep	% Solids		1.0	11K0302_P	11/12/11 13:45	BDD	TAL WT
Total	Analysis	SM 2540G		1.0	11K0302	11/28/11 13:46	BDD	TAL WT

Client Sample ID: B-33 8-10'

Lab Sample ID: WUK0363-21

Date Collected: 11/09/11 12:45

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 85.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	Default Prep VOC		1.0	11K0172_P	11/15/11 10:57	ABA	TAL WT
Total	Analysis	SW 8260B		1.0	U001388	11/15/11 19:46	ABA	TAL WT
Total/NA	Prep	3541			133388	11/20/11 22:06	DEA	TAL CHI
Total/NA	Analysis	8270C		1	133583	11/22/11 15:07	DA	TAL CHI
Total/NA	Prep	3541			133260	11/18/11 19:46	DEA	TAL CHI
Total/NA	Analysis	8082		20	133429	11/21/11 13:01	GMO	TAL CHI

Lab Chronicle

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-33 8-10'

Lab Sample ID: WUK0363-21

Date Collected: 11/09/11 12:45

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 85.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			133204	11/18/11 15:00	PJ	TAL CHI
Total/NA	Analysis	6010B		1	133316	11/19/11 12:57	TDS	TAL CHI
Total/NA	Prep	7471A			133331	11/21/11 08:40	MBG	TAL CHI
Total/NA	Analysis	7471A		1	133453	11/21/11 12:12	JR	TAL CHI
Total/NA	Analysis	Moisture		1	132467	11/12/11 11:58	CMV	TAL CHI
Total	Prep	% Solids		1.0	11K0302_P	11/12/11 13:45	BDD	TAL WT
Total	Analysis	SM 2540G		1.0	11K0302	11/28/11 13:46	BDD	TAL WT

Client Sample ID: B-10-11 0-2'

Lab Sample ID: WUK0363-22

Date Collected: 11/09/11 12:50

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 85.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	Default Prep VOC		1.0	11K0172_P	11/15/11 10:57	ABA	TAL WT
Total	Analysis	SW 8260B		1.0	U001388	11/15/11 20:14	ABA	TAL WT
Total/NA	Prep	3541			133388	11/20/11 22:06	DEA	TAL CHI
Total/NA	Analysis	8270C		1	133465	11/22/11 02:16	DA	TAL CHI
Total/NA	Prep	3541			133260	11/18/11 19:46	DEA	TAL CHI
Total/NA	Analysis	8082		10	133429	11/21/11 13:15	GMO	TAL CHI
Total/NA	Prep	3050B			133204	11/18/11 15:00	PJ	TAL CHI
Total/NA	Analysis	6010B		1	133316	11/19/11 13:03	TDS	TAL CHI
Total/NA	Prep	7471A			133331	11/21/11 08:40	MBG	TAL CHI
Total/NA	Analysis	7471A		1	133453	11/21/11 12:14	JR	TAL CHI
Total/NA	Analysis	Moisture		1	132467	11/12/11 11:58	CMV	TAL CHI
Total	Prep	% Solids		1.0	11K0302_P	11/12/11 13:45	BDD	TAL WT
Total	Analysis	SM 2540G		1.0	11K0302	11/28/11 13:46	BDD	TAL WT

Client Sample ID: B-34 0-2'

Lab Sample ID: WUK0363-23

Date Collected: 11/09/11 13:00

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 85

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	Default Prep VOC		1.0	11K0171_P	11/15/11 11:55	ABA	TAL WT
Total	Analysis	SW 8260B		1.0	U001387	11/15/11 12:57	ABA	TAL WT
Total/NA	Prep	3541			133388	11/20/11 22:06	DEA	TAL CHI
Total/NA	Analysis	8270C		10	133583	11/22/11 15:52	DA	TAL CHI
Total/NA	Prep	3541	DL		133388	11/20/11 22:06	DEA	TAL CHI
Total/NA	Analysis	8270C	DL	100	133583	11/22/11 19:14	DA	TAL CHI
Total/NA	Prep	3541			133260	11/18/11 19:46	DEA	TAL CHI
Total/NA	Analysis	8082		1	133429	11/21/11 13:29	GMO	TAL CHI
Total/NA	Prep	7471A			133331	11/21/11 08:40	MBG	TAL CHI
Total/NA	Analysis	7471A		1	133453	11/21/11 12:26	JR	TAL CHI
Total/NA	Prep	3050B			133381	11/20/11 15:25	LAH	TAL CHI
Total/NA	Analysis	6010B		1	133469	11/21/11 11:26	TDS	TAL CHI

Lab Chronicle

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-34 0-2'

Lab Sample ID: WUK0363-23

Date Collected: 11/09/11 13:00

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	132492	11/12/11 15:05	CMV	TAL CHI
Total	Prep	% Solids		1.0	11K0302_P	11/12/11 13:45	BDD	TAL WT
Total	Analysis	SM 2540G		1.0	11K0302	11/28/11 13:46	BDD	TAL WT

Client Sample ID: B-09-11 0-2'

Lab Sample ID: WUK0363-24

Date Collected: 11/09/11 13:10

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 76.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	Default Prep VOC		1.0	11K0171_P	11/15/11 11:55	ABA	TAL WT
Total	Analysis	SW 8260B		1.1	U001387	11/15/11 13:26	ABA	TAL WT
Total/NA	Prep	3541			133388	11/20/11 22:06	DEA	TAL CHI
Total/NA	Analysis	8270C		10	133583	11/22/11 16:15	DA	TAL CHI
Total/NA	Prep	3541			133260	11/18/11 19:46	DEA	TAL CHI
Total/NA	Analysis	8082		1	133429	11/21/11 13:43	GMO	TAL CHI
Total/NA	Prep	7471A			133331	11/21/11 08:40	MBG	TAL CHI
Total/NA	Analysis	7471A		1	133453	11/21/11 12:28	JR	TAL CHI
Total/NA	Prep	3050B			133381	11/20/11 15:25	LAH	TAL CHI
Total/NA	Analysis	6010B		1	133469	11/21/11 11:33	TDS	TAL CHI
Total/NA	Analysis	Moisture		1	132492	11/12/11 15:05	CMV	TAL CHI
Total	Prep	% Solids		1.0	11K0302_P	11/12/11 13:45	BDD	TAL WT
Total	Analysis	SM 2540G		1.0	11K0302	11/28/11 13:46	BDD	TAL WT

Client Sample ID: B-35 0-2'

Lab Sample ID: WUK0363-25

Date Collected: 11/09/11 13:20

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 84

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	Default Prep VOC		1.0	11K0171_P	11/15/11 11:55	ABA	TAL WT
Total	Analysis	SW 8260B		1.0	U001387	11/15/11 13:55	ABA	TAL WT
Total/NA	Prep	3541			133388	11/20/11 22:06	DEA	TAL CHI
Total/NA	Analysis	8270C		1	133580	11/22/11 17:09	JB	TAL CHI
Total/NA	Prep	3541	DL		133388	11/20/11 22:06	DEA	TAL CHI
Total/NA	Analysis	8270C	DL	10	133583	11/22/11 21:51	DA	TAL CHI
Total/NA	Prep	3541			133260	11/18/11 19:46	DEA	TAL CHI
Total/NA	Analysis	8082		2	133429	11/21/11 13:58	GMO	TAL CHI
Total/NA	Prep	7471A			133331	11/21/11 08:40	MBG	TAL CHI
Total/NA	Analysis	7471A		1	133453	11/21/11 12:30	JR	TAL CHI
Total/NA	Prep	3050B			133381	11/20/11 15:25	LAH	TAL CHI
Total/NA	Analysis	6010B		1	133469	11/21/11 11:39	TDS	TAL CHI
Total/NA	Analysis	Moisture		1	132492	11/12/11 15:05	CMV	TAL CHI
Total	Prep	% Solids		1.0	11K0302_P	11/12/11 13:45	BDD	TAL WT
Total	Analysis	SM 2540G		1.0	11K0302	11/28/11 13:46	BDD	TAL WT

Lab Chronicle

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-35 4-6'

Lab Sample ID: WUK0363-26

Date Collected: 11/09/11 13:30

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 86.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	Default Prep VOC		1.0	11K0171_P	11/15/11 11:55	ABA	TAL WT
Total	Analysis	SW 8260B		1.0	U001387	11/15/11 14:24	ABA	TAL WT
Total/NA	Prep	3541			133388	11/20/11 22:06	DEA	TAL CHI
Total/NA	Analysis	8270C		1	133580	11/22/11 17:30	JB	TAL CHI
Total/NA	Prep	3541			133260	11/18/11 19:46	DEA	TAL CHI
Total/NA	Analysis	8082		1	133429	11/21/11 14:12	GMO	TAL CHI
Total/NA	Prep	7471A			133331	11/21/11 08:40	MBG	TAL CHI
Total/NA	Analysis	7471A		1	133453	11/21/11 12:32	JR	TAL CHI
Total/NA	Prep	3050B			133381	11/20/11 15:25	LAH	TAL CHI
Total/NA	Analysis	6010B		1	133469	11/21/11 11:45	TDS	TAL CHI
Total/NA	Analysis	Moisture		1	132492	11/12/11 15:05	CMV	TAL CHI
Total	Prep	% Solids		1.0	11K0302_P	11/12/11 13:45	BDD	TAL WT
Total	Analysis	SM 2540G		1.0	11K0302	11/28/11 13:46	BDD	TAL WT

Client Sample ID: B-35 8-10'

Lab Sample ID: WUK0363-27

Date Collected: 11/09/11 13:40

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 84.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	Default Prep VOC		1.0	11K0171_P	11/15/11 11:55	ABA	TAL WT
Total	Analysis	SW 8260B		1.0	U001387	11/15/11 14:52	ABA	TAL WT
Total/NA	Prep	3541			133388	11/20/11 22:06	DEA	TAL CHI
Total/NA	Analysis	8270C		1	133580	11/22/11 17:51	JB	TAL CHI
Total/NA	Prep	3541			133260	11/18/11 19:46	DEA	TAL CHI
Total/NA	Analysis	8082		1	133429	11/21/11 14:40	GMO	TAL CHI
Total/NA	Prep	7471A			133331	11/21/11 08:40	MBG	TAL CHI
Total/NA	Analysis	7471A		1	133453	11/21/11 12:34	JR	TAL CHI
Total/NA	Prep	3050B			133381	11/20/11 15:25	LAH	TAL CHI
Total/NA	Analysis	6010B		1	133469	11/21/11 11:51	TDS	TAL CHI
Total/NA	Analysis	Moisture		1	132492	11/12/11 15:05	CMV	TAL CHI
Total	Prep	% Solids		1.0	11K0302_P	11/12/11 13:45	BDD	TAL WT
Total	Analysis	SM 2540G		1.0	11K0302	11/28/11 13:46	BDD	TAL WT

Client Sample ID: B-14-11 0-2'

Lab Sample ID: WUK0363-28

Date Collected: 11/09/11 14:15

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 86

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	Default Prep VOC		1.0	11K0171_P	11/15/11 11:55	ABA	TAL WT
Total	Analysis	SW 8260B		1.0	U001387	11/15/11 15:21	ABA	TAL WT
Total/NA	Prep	3541			133388	11/20/11 22:06	DEA	TAL CHI
Total/NA	Analysis	8270C		10	133583	11/22/11 16:37	DA	TAL CHI
Total/NA	Prep	3541			133260	11/18/11 19:46	DEA	TAL CHI
Total/NA	Analysis	8082		1	133429	11/21/11 14:54	GMO	TAL CHI

Lab Chronicle

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-14-11 0-2'

Lab Sample ID: WUK0363-28

Date Collected: 11/09/11 14:15

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 86.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			133331	11/21/11 08:40	MBG	TAL CHI
Total/NA	Analysis	7471A		1	133453	11/21/11 12:36	JR	TAL CHI
Total/NA	Prep	3050B			133381	11/20/11 15:25	LAH	TAL CHI
Total/NA	Analysis	6010B		1	133469	11/21/11 11:57	TDS	TAL CHI
Total/NA	Analysis	Moisture		1	132492	11/12/11 15:05	CMV	TAL CHI
Total	Prep	% Solids		1.0	11K0302_P	11/12/11 13:45	BDD	TAL WT
Total	Analysis	SM 2540G		1.0	11K0302	11/28/11 13:46	BDD	TAL WT

Client Sample ID: B-13-11 0-2'

Lab Sample ID: WUK0363-29

Date Collected: 11/09/11 14:25

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 83.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	Default Prep VOC		1.0	11K0171_P	11/15/11 11:55	ABA	TAL WT
Total	Analysis	SW 8260B		1.0	U001387	11/15/11 15:50	ABA	TAL WT
Total/NA	Prep	3541			133388	11/20/11 22:06	DEA	TAL CHI
Total/NA	Analysis	8270C		1	133580	11/22/11 18:12	JB	TAL CHI
Total/NA	Prep	3541			133260	11/18/11 19:46	DEA	TAL CHI
Total/NA	Analysis	8082		100	133429	11/22/11 09:54	GMO	TAL CHI
Total/NA	Prep	7471A			133331	11/21/11 08:40	MBG	TAL CHI
Total/NA	Analysis	7471A		1	133453	11/21/11 12:38	JR	TAL CHI
Total/NA	Prep	3050B			133381	11/20/11 15:25	LAH	TAL CHI
Total/NA	Analysis	6010B		1	133469	11/21/11 12:04	TDS	TAL CHI
Total/NA	Analysis	Moisture		1	132492	11/12/11 15:05	CMV	TAL CHI
Total	Prep	% Solids		1.0	11K0302_P	11/12/11 13:45	BDD	TAL WT
Total	Analysis	SM 2540G		1.0	11K0302	11/28/11 13:46	BDD	TAL WT

Client Sample ID: B-08-11 0-2'

Lab Sample ID: WUK0363-30

Date Collected: 11/09/11 14:55

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 78.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	Default Prep VOC		1.0	11K0171_P	11/15/11 11:55	ABA	TAL WT
Total	Analysis	SW 8260B		1.0	U001387	11/15/11 16:19	ABA	TAL WT
Total/NA	Prep	3541			133388	11/20/11 22:06	DEA	TAL CHI
Total/NA	Analysis	8270C		50	133583	11/22/11 17:00	DA	TAL CHI
Total/NA	Prep	3541	DL		133388	11/20/11 22:06	DEA	TAL CHI
Total/NA	Analysis	8270C	DL	500	133583	11/22/11 17:22	DA	TAL CHI
Total/NA	Prep	3541			133260	11/18/11 19:46	DEA	TAL CHI
Total/NA	Analysis	8082		1	133429	11/21/11 15:23	GMO	TAL CHI
Total/NA	Prep	7471A			133331	11/21/11 08:40	MBG	TAL CHI
Total/NA	Analysis	7471A		1	133453	11/21/11 12:40	JR	TAL CHI
Total/NA	Prep	3050B			133381	11/20/11 15:25	LAH	TAL CHI
Total/NA	Analysis	6010B		1	133469	11/21/11 12:10	TDS	TAL CHI

Lab Chronicle

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Client Sample ID: B-08-11 0-2'

Lab Sample ID: WUK0363-30

Date Collected: 11/09/11 14:55

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	132492	11/12/11 15:05	CMV	TAL CHI
Total	Prep	% Solids		1.0	11K0302_P	11/12/11 13:45	BDD	TAL WT
Total	Analysis	SM 2540G		1.0	11K0302	11/28/11 13:46	BDD	TAL WT

Client Sample ID: B-07-11 0-2'

Lab Sample ID: WUK0363-31

Date Collected: 11/09/11 15:05

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Percent Solids: 76.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	Default Prep VOC		1.0	11K0171_P	11/15/11 11:55	ABA	TAL WT
Total	Analysis	SW 8260B		1.0	U001387	11/15/11 16:48	ABA	TAL WT
Total/NA	Prep	3541			133388	11/20/11 22:06	DEA	TAL CHI
Total/NA	Analysis	8270C		1	133465	11/22/11 01:54	DA	TAL CHI
Total/NA	Prep	3541			133260	11/18/11 19:46	DEA	TAL CHI
Total/NA	Analysis	8082		1	133429	11/21/11 15:37	GMO	TAL CHI
Total/NA	Prep	7471A			133331	11/21/11 08:40	MBG	TAL CHI
Total/NA	Analysis	7471A		1	133453	11/21/11 12:41	JR	TAL CHI
Total/NA	Prep	3050B			133381	11/20/11 15:25	LAH	TAL CHI
Total/NA	Analysis	6010B		1	133469	11/21/11 12:55	TDS	TAL CHI
Total/NA	Analysis	Moisture		1	132492	11/12/11 15:05	CMV	TAL CHI
Total	Prep	% Solids		1.0	11K0302_P	11/12/11 13:45	BDD	TAL WT
Total	Analysis	SM 2540G		1.0	11K0302	11/28/11 13:46	BDD	TAL WT

Client Sample ID: TB-2

Lab Sample ID: WUK0363-32

Date Collected: 11/09/11 00:00

Matrix: Solid/Soil

Date Received: 11/10/11 16:02

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	Default Prep VOC		1.0	11K0171_P	11/15/11 11:55	ABA	TAL WT
Total	Analysis	SW 8260B		1.0	U001387	11/15/11 17:16	ABA	TAL WT

Laboratory References:

TAL CHI = TestAmerica Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

TAL WT = TestAmerica Watertown, 1101 Industrial Drive, Suites 9 & 10, Watertown, WI 53094, TEL 800-833-7036

Certification Summary

Client: Tetra Tech GEO
 Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Watertown		WI Dept of Agriculture (Micro)		105-266
TestAmerica Watertown	Illinois	NELAC	5	100453
TestAmerica Watertown	Minnesota	NELAC	5	055-999-366
TestAmerica Watertown	Wisconsin	State Program	5	128053530
TestAmerica Chicago	ACCLASS	DoD ELAP		ADE-1429
TestAmerica Chicago	ACCLASS	ISO/IEC 17025		AT-1428
TestAmerica Chicago	Alabama	State Program	4	40461
TestAmerica Chicago	California	NELAC	9	01132CA
TestAmerica Chicago	Florida	NELAC	4	E871072
TestAmerica Chicago	Georgia	Georgia EPD	4	N/A
TestAmerica Chicago	Georgia	State Program	4	939
TestAmerica Chicago	Hawaii	State Program	9	N/A
TestAmerica Chicago	Illinois	NELAC	5	100201
TestAmerica Chicago	Indiana	State Program	5	C-IL-02
TestAmerica Chicago	Iowa	State Program	7	82
TestAmerica Chicago	Kansas	NELAC	7	E-10161
TestAmerica Chicago	Kentucky	Kentucky UST	4	66
TestAmerica Chicago	Kentucky	State Program	4	90023
TestAmerica Chicago	Louisiana	NELAC	6	30720
TestAmerica Chicago	Massachusetts	State Program	1	M-IL035
TestAmerica Chicago	Mississippi	State Program	4	N/A
TestAmerica Chicago	North Carolina	North Carolina DENR	4	291
TestAmerica Chicago	Oklahoma	State Program	6	8908
TestAmerica Chicago	South Carolina	State Program	4	77001
TestAmerica Chicago	Texas	NELAC	6	T104704252-09-TX
TestAmerica Chicago	USDA	USDA		P330-09-00027
TestAmerica Chicago	Virginia	NELAC Secondary AB	3	460142
TestAmerica Chicago	Wisconsin	State Program	5	999580010
TestAmerica Chicago	Wyoming	State Program	8	8TMS-Q

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: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Method	Method Description	Protocol	Laboratory
SW 8260B	VOCs by SW8260B		TAL WT
8270C	Semivolatile Organic Compounds (GC/MS)	SW846	TAL CHI
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL CHI
6010B	Metals (ICP)	SW846	TAL CHI
7471A	Mercury (CVAA)	SW846	TAL CHI
Moisture	Percent Moisture	EPA	TAL CHI
SM 2540G	General Chemistry Parameters		TAL WT

Protocol References:

EPA = US Environmental Protection Agency

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

Laboratory References:

TAL CHI = TestAmerica Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

TAL WT = TestAmerica Watertown, 1101 Industrial Drive, Suites 9 & 10, Watertown, WI 53094, TEL 800-833-7036



Sample Summary

Client: Tetra Tech GEO
 Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0363

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
WUK0363-01	B-27 0-2'	Solid/Soil	11/09/11 08:55	11/10/11 16:02
WUK0363-02	B-27 4-6'	Solid/Soil	11/09/11 09:05	11/10/11 16:02
WUK0363-03	B-27 8-10'	Solid/Soil	11/09/11 09:15	11/10/11 16:02
WUK0363-04	B-04-11 0-2'	Solid/Soil	11/09/11 09:20	11/10/11 16:02
WUK0363-05	B-28 0-2'	Solid/Soil	11/09/11 09:35	11/10/11 16:02
WUK0363-06	B-28 4-6'	Solid/Soil	11/09/11 09:45	11/10/11 16:02
WUK0363-07	B-28 8-10'	Solid/Soil	11/09/11 09:55	11/10/11 16:02
WUK0363-08	B-29 0-2'	Solid/Soil	11/09/11 10:00	11/10/11 16:02
WUK0363-09	B-29 4-6'	Solid/Soil	11/09/11 10:10	11/10/11 16:02
WUK0363-10	B-29 8-10'	Solid/Soil	11/09/11 10:20	11/10/11 16:02
WUK0363-11	B-30 0-2'	Solid/Soil	11/09/11 10:25	11/10/11 16:02
WUK0363-12	B-30 4-6'	Solid/Soil	11/09/11 10:35	11/10/11 16:02
WUK0363-13	B-30 8-10'	Solid/Soil	11/09/11 10:45	11/10/11 16:02
WUK0363-14	B-31 0-2'	Solid/Soil	11/09/11 10:50	11/10/11 16:02
WUK0363-15	B-31 4-6'	Solid/Soil	11/09/11 11:00	11/10/11 16:02
WUK0363-16	B-31 8-10'	Solid/Soil	11/09/11 11:10	11/10/11 16:02
WUK0363-17	B-32 0-2'	Solid/Soil	11/09/11 12:10	11/10/11 16:02
WUK0363-18	B-12-11 0-2'	Solid/Soil	11/09/11 12:15	11/10/11 16:02
WUK0363-19	B-33 0-2'	Solid/Soil	11/09/11 12:25	11/10/11 16:02
WUK0363-20	B-33 4-6'	Solid/Soil	11/09/11 12:35	11/10/11 16:02
WUK0363-21	B-33 8-10'	Solid/Soil	11/09/11 12:45	11/10/11 16:02
WUK0363-22	B-10-11 0-2'	Solid/Soil	11/09/11 12:50	11/10/11 16:02
WUK0363-23	B-34 0-2'	Solid/Soil	11/09/11 13:00	11/10/11 16:02
WUK0363-24	B-09-11 0-2'	Solid/Soil	11/09/11 13:10	11/10/11 16:02
WUK0363-25	B-35 0-2'	Solid/Soil	11/09/11 13:20	11/10/11 16:02
WUK0363-26	B-35 4-6'	Solid/Soil	11/09/11 13:30	11/10/11 16:02
WUK0363-27	B-35 8-10'	Solid/Soil	11/09/11 13:40	11/10/11 16:02
WUK0363-28	B-14-11 0-2'	Solid/Soil	11/09/11 14:15	11/10/11 16:02
WUK0363-29	B-13-11 0-2'	Solid/Soil	11/09/11 14:25	11/10/11 16:02
WUK0363-30	B-08-11 0-2'	Solid/Soil	11/09/11 14:55	11/10/11 16:02
WUK0363-31	B-07-11 0-2'	Solid/Soil	11/09/11 15:05	11/10/11 16:02
WUK0363-32	TB-2	Solid/Soil	11/09/11 00:00	11/10/11 16:02

Cooler Receipt Log

Work Order: WUK 0363 Client Name/Project: Tetra Tech # of Coolers _____

1. How did samples arrive? Dunham Fed-Ex UPS TestAmerica Client USPS Speedee _____

Date/time cooler was opened: 11/18/11 By: Matt/Brad B TEMP. 6.

2. Were custody seals intact, signed and dated correctly?..... Intact Broken NA
3. TAT (Turn Around Time) SUBCONTRACTED HOLD STANDARD RUSH
4. Were samples on ice? Yes No Water Ice & Water
5. Bottles supplied by Test America? Yes No
6. Number of containers are noted on COC (Chain of Custody) ? Yes No
7. Matrix is identified on COC ? Yes No
8. Did all sample containers arrive in good condition? OK Broken Frozen Slushy
9. Are there any short hold time tests ? (48hrs or less) No Yes
- Past Hold?..... No Yes

24 hours or less	48 hours	7 days
Coliform Bacteria Fecal Bacteria (orange) Total Bacteria (blue) MPN Bacteria (black) SPC/HPC (standard plate count/hydrophilic plate-yellow) T. Residual Chlorine (NT bottle) CR3 or CR6 (Hex Chromium VI – NT bottle) Dissolved Oxygen (DO)	BOD CBOD Nitrite NO2 Nitrate NO3 OrthoPhosphate or OrthoPhosphorus Surfactants (MBAS) Sulfite Turbidity	Aqueous Organic Prep BNA 8270 DRO (HCL amber) Herbs PAH (NT amber) PCBs Pest/PCBs PNA TS (Total Solids) TDS TSS (Total Suspended Solids) Sulfide Volatile Solids

10. Ops Mgr, PM or Analyst informed of short hold? Who _____ When _____
11. Other than short hold test, were any samples within 2 days of their hold date No Yes
 Or past their expiration of hold time No Yes
12. Is the date and time of collection recorded on COC? Date..... Yes No on the containers Yes No
 Time Yes No on the containers Yes No
13. Are dissolved parameters field filtered or being filtered in the lab? Field Lab NA
14. Are sample volumes adequate and preservatives correct for test requested? Vol... Yes No
 Preservatives... Yes No
15. Were correct containers used for the analysis requested? Yes No
16. Do VOC samples have air bubbles >6mm ? No Yes NA
17. Is an aqueous Trip Blank included?..... Yes No NA
18. If received, how were DRO soil samples received? Weighed glass jar Packed jar
19. Is a Methanol Trip Blank included? Yes glass jar vial No NA
20. How were VOC soils received? Methanol Sodium Bisulfate Packed Jar Encore Other Water (see options*)
 • Within 48hrs of sampling Past 48hrs of sampling Frozen Not Frozen
21. Were all sample containers received and match the Sample Ids listed on COC? ... Yes No

If any changes are made to this Work Order after Login, or if comments must be made regarding this cooler, explain them below:

Received 2 trips not 1

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Watertown

1101 Industrial Drive, Suites 9 & 10

Watertown, WI 53094

Tel: 800-833-7036

TestAmerica Job ID: WUK0392

Client Project/Site: 117-2201257.02

Client Project Description: Beazer Oak Creek; Wabash Alloys

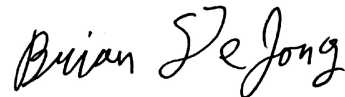
For:

Tetra Tech GEO

175 N. Corporate Drive Suite 100

Brookfield, WI 53045

Attn: Mr. Mike Noel



Authorized for release by:

11/29/2011 7:54:04 AM

Brian DeJong

Organics Manager

Brian.DeJong@testamericainc.com

Designee for

Dan F. Milewsky

Project Manager

Dan.Milewsky@testamericainc.com

LINKS

Review your project
results through

TotalAccess

Have a Question?



Visit us at:

www.testamericainc.com

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: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Qualifiers

GCMS Volatiles

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.

GC/MS 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.
D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.
X	Surrogate is outside control limits
F	MS or MSD exceeds the control limits
F	RPD of the MS and MSD exceeds the control limits

GC Semi VOA

Qualifier	Qualifier Description
D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.

Metals

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.
B	Compound was found in the blank and sample.
F	MS or MSD exceeds the control limits
F	RPD of the MS and MSD exceeds the control limits
F	Duplicate RPD exceeds the control limit

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
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: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Job ID: WUK0392

Laboratory: TestAmerica Chicago

Narrative

Job Narrative 500-42116-1

Comments

No additional comments.

Receipt

All samples were received in good condition within temperature requirements.

GC/MS Semi VOA

Method(s) 8270C: The following samples were diluted due to the abundance of target and non-target analytes: WUK0392-05 (500-42116-5), WUK0392-06 (500-42116-6), WUK0392-08 (500-42116-8), WUK0392-09 (500-42116-9), WUK0392-15 (500-42116-15), WUK0392-17 (500-42116-17). Elevated reporting limits (RLs) are provided.

Method(s) 8270C: Two surrogate recoveries for the following sample were outside control limits: WUK0392-06 (500-42116-6). Evidence of matrix interference is present. The sample was further diluted for target analytes. No further action was required. WUK0392-06 (500-42116-6)

Method(s) 8270C: Due to the level of dilution required for the following samples, surrogate recoveries are not reported: WUK0392-05 (500-42116-5), WUK0392-06 (500-42116-6), WUK0392-08 (500-42116-8), WUK0392-09 (500-42116-9), WUK0392-11 (500-42116-11), WUK0392-12 (500-42116-12), WUK0392-15 (500-42116-15), WUK0392-17 (500-42116-17).

Method(s) 8270C: The following sample and the associated dilution had one surrogate outside of control limits, biased high: WUK0392-18 (500-42116-18). No further action was required.

Method(s) 8270C: MB 500-133384/1-A had Nitrobenzene-d5 slightly high at 111% (22%-110%). All other surrogate recoveries for this MB were within limits. No further action was required. WUK0392-01 (500-42116-1), WUK0392-02 (500-42116-2), WUK0392-03 (500-42116-3), WUK0392-04 (500-42116-4), WUK0392-05 (500-42116-5), WUK0392-06 (500-42116-6), WUK0392-07 (500-42116-7), WUK0392-08 (500-42116-8), WUK0392-09 (500-42116-9), WUK0392-10 (500-42116-10), WUK0392-11 (500-42116-11), WUK0392-12 (500-42116-12), WUK0392-13 (500-42116-13), WUK0392-14 (500-42116-14), WUK0392-15 (500-42116-15), WUK0392-16 (500-42116-16), WUK0392-17 (500-42116-17), WUK0392-18 (500-42116-18), WUK0392-19 (500-42116-19), WUK0392-20 (500-42116-20)

Method(s) 8270C: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 133384 were outside control limits. One RPD was > 30%: Benzo[k] fluoranthene at 47%. The associated laboratory control sample (LCS) recovery met acceptance criteria. No further action was required. WUK0392-01 (500-42116-1)

No other analytical or quality issues were noted.

GC Semi VOA

Method(s) 8082: The following samples were diluted due to the abundance of target analytes: WUK0392-01 (500-42116-1), WUK0392-07 (500-42116-7), WUK0392-10 (500-42116-10), WUK0392-11 (500-42116-11). Elevated reporting limits (RLs) are provided.

Method(s) 8082: Due to the level of dilution required for the following sample, surrogate recoveries are not reported: WUK0392-01 (500-42116-1), WUK0392-10 (500-42116-10).

Method(s) 8082: The following samples required a mercury clean-up to reduce matrix interferences caused by sulfur: WUK0392-18 (500-42116-18).

No other analytical or quality issues were noted.

Metals

Method(s) 6010B: The matrix duplicate %RPD for sample 500-42116-27 was outside the control limits for Ba.

Method(s) 7471A: The matrix spike duplicate (MSD) recovery for sample 500-42116-1 was outside control limits for Hg. The associated

Case Narrative

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Job ID: WUK0392 (Continued)

Laboratory: TestAmerica Chicago (Continued)

laboratory control sample (LCS) recovery met acceptance criteria.

No other analytical or quality issues were noted.

Organic Prep

No analytical or quality issues were noted.

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Detection Summary

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-36 0-2'

Lab Sample ID: WUK0392-01

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	0.016	J	0.035	0.011	mg/Kg	1	☼	8270C	Total/NA
Anthracene	0.068		0.035	0.0083	mg/Kg	1	☼	8270C	Total/NA
Benzo[a]anthracene	0.33		0.035	0.0074	mg/Kg	1	☼	8270C	Total/NA
Benzo[a]pyrene	0.46		0.035	0.0064	mg/Kg	1	☼	8270C	Total/NA
Benzo[b]fluoranthene	0.54		0.035	0.0068	mg/Kg	1	☼	8270C	Total/NA
Benzo[g,h,i]perylene	0.49		0.035	0.012	mg/Kg	1	☼	8270C	Total/NA
Benzo[k]fluoranthene	0.32		0.035	0.0084	mg/Kg	1	☼	8270C	Total/NA
Chrysene	0.48		0.035	0.0079	mg/Kg	1	☼	8270C	Total/NA
Dibenz(a,h)anthracene	0.12		0.035	0.0098	mg/Kg	1	☼	8270C	Total/NA
Fluoranthene	0.49		0.035	0.014	mg/Kg	1	☼	8270C	Total/NA
Fluorene	0.030	J	0.035	0.0080	mg/Kg	1	☼	8270C	Total/NA
Indeno[1,2,3-cd]pyrene	0.44		0.035	0.012	mg/Kg	1	☼	8270C	Total/NA
Naphthalene	0.0080	J	0.035	0.0068	mg/Kg	1	☼	8270C	Total/NA
Phenanthrene	0.20		0.035	0.015	mg/Kg	1	☼	8270C	Total/NA
Pyrene	0.47		0.035	0.013	mg/Kg	1	☼	8270C	Total/NA
PCB-1248	4.3		0.36	0.13	mg/Kg	20	☼	8082	Total/NA
PCB-1254	2.2		0.36	0.10	mg/Kg	20	☼	8082	Total/NA
Polychlorinated biphenyls, Total	6.5		0.36	0.056	mg/Kg	20	☼	8082	Total/NA
Arsenic	0.66	J	0.98	0.14	mg/Kg	1	☼	6010B	Total/NA
Barium	8.7		0.98	0.055	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.82		0.20	0.026	mg/Kg	1	☼	6010B	Total/NA
Chromium	8.5		0.98	0.083	mg/Kg	1	☼	6010B	Total/NA
Lead	22	B	0.49	0.24	mg/Kg	1	☼	6010B	Total/NA
Silver	0.092	J	0.49	0.062	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.032		0.018	0.0055	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: B-37 0-2'

Lab Sample ID: WUK0392-02

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	0.016	J	0.039	0.012	mg/Kg	1	☼	8270C	Total/NA
Anthracene	0.035	J	0.039	0.0093	mg/Kg	1	☼	8270C	Total/NA
Benzo[a]anthracene	0.50		0.039	0.0083	mg/Kg	1	☼	8270C	Total/NA
Benzo[a]pyrene	0.70		0.039	0.0072	mg/Kg	1	☼	8270C	Total/NA
Benzo[b]fluoranthene	0.68		0.039	0.0077	mg/Kg	1	☼	8270C	Total/NA
Benzo[g,h,i]perylene	0.51		0.039	0.013	mg/Kg	1	☼	8270C	Total/NA
Benzo[k]fluoranthene	0.51		0.039	0.0094	mg/Kg	1	☼	8270C	Total/NA
Chrysene	0.61		0.039	0.0089	mg/Kg	1	☼	8270C	Total/NA
Dibenz(a,h)anthracene	0.15		0.039	0.011	mg/Kg	1	☼	8270C	Total/NA
Fluoranthene	0.61		0.039	0.016	mg/Kg	1	☼	8270C	Total/NA
Indeno[1,2,3-cd]pyrene	0.45		0.039	0.013	mg/Kg	1	☼	8270C	Total/NA
Phenanthrene	0.13		0.039	0.016	mg/Kg	1	☼	8270C	Total/NA
Pyrene	0.56		0.039	0.014	mg/Kg	1	☼	8270C	Total/NA
Arsenic	7.7		1.1	0.16	mg/Kg	1	☼	6010B	Total/NA
Barium	100		1.1	0.063	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.30		0.23	0.030	mg/Kg	1	☼	6010B	Total/NA
Chromium	33		1.1	0.096	mg/Kg	1	☼	6010B	Total/NA
Lead	15	B	0.56	0.27	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.037		0.021	0.0063	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: B-19-11 0-2'

Lab Sample ID: WUK0392-03

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	320		120	61	ug/kg dry	1.0	☼	SW 8260B	Total
Acenaphthylene	0.059		0.040	0.0093	mg/Kg	1	☼	8270C	Total/NA

Detection Summary

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-19-11 0-2' (Continued)

Lab Sample ID: WUK0392-03

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Anthracene	2.5		0.040	0.0095	mg/Kg	1	☼	8270C	Total/NA
Benzo[a]anthracene	1.7		0.040	0.0084	mg/Kg	1	☼	8270C	Total/NA
Benzo[a]pyrene	1.1		0.040	0.0073	mg/Kg	1	☼	8270C	Total/NA
Benzo[b]fluoranthene	1.1		0.040	0.0078	mg/Kg	1	☼	8270C	Total/NA
Benzo[g,h,i]perylene	0.61		0.040	0.014	mg/Kg	1	☼	8270C	Total/NA
Benzo[k]fluoranthene	0.82		0.040	0.0096	mg/Kg	1	☼	8270C	Total/NA
Chrysene	1.9		0.040	0.0091	mg/Kg	1	☼	8270C	Total/NA
Dibenz(a,h)anthracene	0.18		0.040	0.011	mg/Kg	1	☼	8270C	Total/NA
Indeno[1,2,3-cd]pyrene	0.56		0.040	0.014	mg/Kg	1	☼	8270C	Total/NA
Naphthalene	0.70		0.040	0.0078	mg/Kg	1	☼	8270C	Total/NA
2-Methylnaphthalene	0.59		0.20	0.052	mg/Kg	1	☼	8270C	Total/NA
1-Methylnaphthalene	0.55		0.040	0.020	mg/Kg	1	☼	8270C	Total/NA
Acenaphthene - DL	4.8		0.40	0.12	mg/Kg	10	☼	8270C	Total/NA
Fluoranthene - DL	7.5		0.40	0.16	mg/Kg	10	☼	8270C	Total/NA
Fluorene - DL	3.1		0.40	0.092	mg/Kg	10	☼	8270C	Total/NA
Phenanthrene - DL	7.4		0.40	0.17	mg/Kg	10	☼	8270C	Total/NA
Pyrene - DL	5.1		0.40	0.15	mg/Kg	10	☼	8270C	Total/NA
PCB-1254	0.034		0.020	0.0058	mg/Kg	1	☼	8082	Total/NA
Polychlorinated biphenyls, Total	0.034		0.020	0.0031	mg/Kg	1	☼	8082	Total/NA
Arsenic	5.9		1.1	0.15	mg/Kg	1	☼	6010B	Total/NA
Barium	39		1.1	0.061	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.77		0.22	0.029	mg/Kg	1	☼	6010B	Total/NA
Chromium	17		1.1	0.092	mg/Kg	1	☼	6010B	Total/NA
Lead	11	B	0.54	0.26	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.034		0.019	0.0058	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: B-19-11 4-6'

Lab Sample ID: WUK0392-04

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	71	J	110	56	ug/kg dry	1.0	☼	SW 8260B	Total
Acenaphthene	0.18		0.036	0.011	mg/Kg	1	☼	8270C	Total/NA
Anthracene	0.29		0.036	0.0084	mg/Kg	1	☼	8270C	Total/NA
Benzo[a]anthracene	0.33		0.036	0.0075	mg/Kg	1	☼	8270C	Total/NA
Benzo[a]pyrene	0.30		0.036	0.0065	mg/Kg	1	☼	8270C	Total/NA
Benzo[b]fluoranthene	0.31		0.036	0.0069	mg/Kg	1	☼	8270C	Total/NA
Benzo[g,h,i]perylene	0.18		0.036	0.012	mg/Kg	1	☼	8270C	Total/NA
Benzo[k]fluoranthene	0.19		0.036	0.0085	mg/Kg	1	☼	8270C	Total/NA
Chrysene	0.33		0.036	0.0081	mg/Kg	1	☼	8270C	Total/NA
Dibenz(a,h)anthracene	0.052		0.036	0.010	mg/Kg	1	☼	8270C	Total/NA
Fluoranthene	0.95		0.036	0.015	mg/Kg	1	☼	8270C	Total/NA
Fluorene	0.17		0.036	0.0081	mg/Kg	1	☼	8270C	Total/NA
Indeno[1,2,3-cd]pyrene	0.16		0.036	0.012	mg/Kg	1	☼	8270C	Total/NA
Naphthalene	0.068		0.036	0.0069	mg/Kg	1	☼	8270C	Total/NA
Phenanthrene	0.91		0.036	0.015	mg/Kg	1	☼	8270C	Total/NA
Pyrene	0.68		0.036	0.013	mg/Kg	1	☼	8270C	Total/NA
1-Methylnaphthalene	0.026	J	0.036	0.018	mg/Kg	1	☼	8270C	Total/NA
Arsenic	4.5		0.99	0.14	mg/Kg	1	☼	6010B	Total/NA
Barium	32		0.99	0.055	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.27		0.20	0.027	mg/Kg	1	☼	6010B	Total/NA
Chromium	12		0.99	0.084	mg/Kg	1	☼	6010B	Total/NA
Lead	8.8	B	0.49	0.24	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.015	J	0.017	0.0053	mg/Kg	1	☼	7471A	Total/NA

Detection Summary

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-19-11 8-10'

Lab Sample ID: WUK0392-05

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene - RE1	9700	J	13000	3200	ug/kg dry	100	☼	SW 8260B	Total
Ethylbenzene - RE1	7200	J	13000	3200	ug/kg dry	100	☼	SW 8260B	Total
Naphthalene - RE1	750000		13000	6400	ug/kg dry	100	☼	SW 8260B	Total
Toluene - RE1	12000	J	13000	3200	ug/kg dry	100	☼	SW 8260B	Total
1,2,4-Trimethylbenzene - RE1	9400	J	13000	3200	ug/kg dry	100	☼	SW 8260B	Total
1,3,5-Trimethylbenzene - RE1	5500	J	13000	3200	ug/kg dry	100	☼	SW 8260B	Total
Xylenes, total - RE1	33000	J	38000	9600	ug/kg dry	100	☼	SW 8260B	Total
Acenaphthene	67		2.1	0.63	mg/Kg	50	☼	8270C	Total/NA
Acenaphthylene	17		2.1	0.48	mg/Kg	50	☼	8270C	Total/NA
Benzo[a]pyrene	160		2.1	0.38	mg/Kg	50	☼	8270C	Total/NA
Benzo[g,h,i]perylene	110		2.1	0.71	mg/Kg	50	☼	8270C	Total/NA
Benzo[k]fluoranthene	22		2.1	0.50	mg/Kg	50	☼	8270C	Total/NA
Chrysene	170		2.1	0.47	mg/Kg	50	☼	8270C	Total/NA
Dibenz(a,h)anthracene	47		2.1	0.59	mg/Kg	50	☼	8270C	Total/NA
Fluorene	130		2.1	0.48	mg/Kg	50	☼	8270C	Total/NA
Indeno[1,2,3-cd]pyrene	93		2.1	0.71	mg/Kg	50	☼	8270C	Total/NA
2-Methylnaphthalene	150		11	2.7	mg/Kg	50	☼	8270C	Total/NA
1-Methylnaphthalene	62		2.1	1.0	mg/Kg	50	☼	8270C	Total/NA
Anthracene - DL	680		21	4.9	mg/Kg	500	☼	8270C	Total/NA
Benzo[a]anthracene - DL	190		21	4.4	mg/Kg	500	☼	8270C	Total/NA
Benzo[b]fluoranthene - DL	260		21	4.1	mg/Kg	500	☼	8270C	Total/NA
Fluoranthene - DL	390		21	8.6	mg/Kg	500	☼	8270C	Total/NA
Naphthalene - DL	890		21	4.0	mg/Kg	500	☼	8270C	Total/NA
Phenanthrene - DL	480		21	8.8	mg/Kg	500	☼	8270C	Total/NA
Pyrene - DL	300		21	7.6	mg/Kg	500	☼	8270C	Total/NA
Arsenic	6.0		1.2	0.16	mg/Kg	1	☼	6010B	Total/NA
Barium	96		1.2	0.066	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.43		0.23	0.032	mg/Kg	1	☼	6010B	Total/NA
Chromium	28		1.2	0.10	mg/Kg	1	☼	6010B	Total/NA
Lead	17	B	0.59	0.28	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.69		0.099	0.030	mg/Kg	5	☼	7471A	Total/NA

Client Sample ID: B-38 0-2'

Lab Sample ID: WUK0392-06

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene - RE1	50	J	110	28	ug/kg dry	1.0	☼	SW 8260B	Total
Naphthalene - RE1	1500		110	56	ug/kg dry	1.0	☼	SW 8260B	Total
1,2,4-Trimethylbenzene - RE1	61	J	110	28	ug/kg dry	1.0	☼	SW 8260B	Total
Xylenes, total - RE1	97	J	340	84	ug/kg dry	1.0	☼	SW 8260B	Total
Acenaphthene	8.3		0.36	0.11	mg/Kg	10	☼	8270C	Total/NA
Acenaphthylene	0.88		0.36	0.083	mg/Kg	10	☼	8270C	Total/NA
Anthracene	20		0.36	0.085	mg/Kg	10	☼	8270C	Total/NA
Dibenz(a,h)anthracene	11		0.36	0.10	mg/Kg	10	☼	8270C	Total/NA
Fluorene	11		0.36	0.082	mg/Kg	10	☼	8270C	Total/NA
Naphthalene	10		0.36	0.070	mg/Kg	10	☼	8270C	Total/NA
2-Methylnaphthalene	2.5		1.8	0.47	mg/Kg	10	☼	8270C	Total/NA
1-Methylnaphthalene	3.9		0.36	0.18	mg/Kg	10	☼	8270C	Total/NA
Benzo[a]anthracene - DL	55		9.0	1.9	mg/Kg	250	☼	8270C	Total/NA
Benzo[a]pyrene - DL	73		9.0	1.7	mg/Kg	250	☼	8270C	Total/NA
Benzo[b]fluoranthene - DL	85		9.0	1.8	mg/Kg	250	☼	8270C	Total/NA
Benzo[g,h,i]perylene - DL	48		9.0	3.1	mg/Kg	250	☼	8270C	Total/NA
Benzo[k]fluoranthene - DL	32		9.0	2.2	mg/Kg	250	☼	8270C	Total/NA
Chrysene - DL	57		9.0	2.0	mg/Kg	250	☼	8270C	Total/NA
Fluoranthene - DL	89		9.0	3.7	mg/Kg	250	☼	8270C	Total/NA

Detection Summary

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-38 0-2' (Continued)

Lab Sample ID: WUK0392-06

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Indeno[1,2,3-cd]pyrene - DL	42		9.0	3.1	mg/Kg	250	☼	8270C	Total/NA
Phenanthrene - DL	51		9.0	3.8	mg/Kg	250	☼	8270C	Total/NA
Pyrene - DL	72		9.0	3.3	mg/Kg	250	☼	8270C	Total/NA
PCB-1254	0.027		0.019	0.0053	mg/Kg	1	☼	8082	Total/NA
Polychlorinated biphenyls, Total	0.027		0.019	0.0029	mg/Kg	1	☼	8082	Total/NA
Arsenic	1.0		0.94	0.13	mg/Kg	1	☼	6010B	Total/NA
Barium	14		0.94	0.053	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.73		0.19	0.025	mg/Kg	1	☼	6010B	Total/NA
Chromium	23		0.94	0.080	mg/Kg	1	☼	6010B	Total/NA
Lead	40	B	0.47	0.23	mg/Kg	1	☼	6010B	Total/NA
Silver	0.24	J	0.47	0.059	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: B-15-11 0-2'

Lab Sample ID: WUK0392-07

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	0.019	J	0.038	0.011	mg/Kg	1	☼	8270C	Total/NA
Acenaphthylene	0.012	J	0.038	0.0087	mg/Kg	1	☼	8270C	Total/NA
Anthracene	0.055		0.038	0.0089	mg/Kg	1	☼	8270C	Total/NA
Benzo[a]anthracene	0.21		0.038	0.0080	mg/Kg	1	☼	8270C	Total/NA
Benzo[a]pyrene	0.23		0.038	0.0069	mg/Kg	1	☼	8270C	Total/NA
Benzo[b]fluoranthene	0.28		0.038	0.0074	mg/Kg	1	☼	8270C	Total/NA
Benzo[g,h,i]perylene	0.17		0.038	0.013	mg/Kg	1	☼	8270C	Total/NA
Benzo[k]fluoranthene	0.12		0.038	0.0091	mg/Kg	1	☼	8270C	Total/NA
Chrysene	0.23		0.038	0.0086	mg/Kg	1	☼	8270C	Total/NA
Dibenz(a,h)anthracene	0.060		0.038	0.011	mg/Kg	1	☼	8270C	Total/NA
Fluoranthene	0.38		0.038	0.016	mg/Kg	1	☼	8270C	Total/NA
Fluorene	0.019	J	0.038	0.0087	mg/Kg	1	☼	8270C	Total/NA
Indeno[1,2,3-cd]pyrene	0.14		0.038	0.013	mg/Kg	1	☼	8270C	Total/NA
Naphthalene	0.012	J	0.038	0.0073	mg/Kg	1	☼	8270C	Total/NA
Phenanthrene	0.13		0.038	0.016	mg/Kg	1	☼	8270C	Total/NA
Pyrene	0.28		0.038	0.014	mg/Kg	1	☼	8270C	Total/NA
PCB-1248	1.1		0.18	0.067	mg/Kg	10	☼	8082	Total/NA
PCB-1254	0.60		0.18	0.053	mg/Kg	10	☼	8082	Total/NA
Polychlorinated biphenyls, Total	1.7		0.18	0.029	mg/Kg	10	☼	8082	Total/NA
Arsenic	3.8		1.0	0.15	mg/Kg	1	☼	6010B	Total/NA
Barium	150		1.0	0.058	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.88		0.21	0.028	mg/Kg	1	☼	6010B	Total/NA
Chromium	23		1.0	0.088	mg/Kg	1	☼	6010B	Total/NA
Lead	30	B	0.52	0.25	mg/Kg	1	☼	6010B	Total/NA
Silver	0.10	J	0.52	0.065	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.030		0.018	0.0055	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: B-15-11 4-6'

Lab Sample ID: WUK0392-08

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene - RE1	10000		240	120	ug/kg dry	2.0	☼	SW 8260B	Total
1,2,4-Trimethylbenzene - RE1	73	J	240	60	ug/kg dry	2.0	☼	SW 8260B	Total
2-Methylnaphthalene	43		10	2.6	mg/Kg	50	☼	8270C	Total/NA
Acenaphthene	31		2.0	0.60	mg/Kg	50	☼	8270C	Total/NA
Acenaphthylene	23		2.0	0.46	mg/Kg	50	☼	8270C	Total/NA
Anthracene	56		2.0	0.47	mg/Kg	50	☼	8270C	Total/NA
Benzo[a]anthracene	64		2.0	0.42	mg/Kg	50	☼	8270C	Total/NA
Benzo[a]pyrene	49		2.0	0.36	mg/Kg	50	☼	8270C	Total/NA
Benzo[b]fluoranthene	57		2.0	0.39	mg/Kg	50	☼	8270C	Total/NA

Detection Summary

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-15-11 4-6' (Continued)

Lab Sample ID: WUK0392-08

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[g,h,i]perylene	29		2.0	0.67	mg/Kg	50	☼	8270C	Total/NA
Benzo[k]fluoranthene	28		2.0	0.48	mg/Kg	50	☼	8270C	Total/NA
Carbazole	31		10	2.8	mg/Kg	50	☼	8270C	Total/NA
Chrysene	40		2.0	0.45	mg/Kg	50	☼	8270C	Total/NA
Dibenz(a,h)anthracene	7.9		2.0	0.56	mg/Kg	50	☼	8270C	Total/NA
Dibenzofuran	53		10	2.4	mg/Kg	50	☼	8270C	Total/NA
Fluorene	76		2.0	0.45	mg/Kg	50	☼	8270C	Total/NA
Indeno[1,2,3-cd]pyrene	25		2.0	0.67	mg/Kg	50	☼	8270C	Total/NA
Naphthalene	140		2.0	0.39	mg/Kg	50	☼	8270C	Total/NA
Pyrene	110		2.0	0.72	mg/Kg	50	☼	8270C	Total/NA
Fluoranthene - DL	260		9.9	4.1	mg/Kg	250	☼	8270C	Total/NA
Phenanthrene - DL	320		9.9	4.2	mg/Kg	250	☼	8270C	Total/NA
Arsenic	6.3		1.0	0.14	mg/Kg	1	☼	6010B	Total/NA
Barium	84		1.0	0.057	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.21		0.20	0.027	mg/Kg	1	☼	6010B	Total/NA
Chromium	26		1.0	0.087	mg/Kg	1	☼	6010B	Total/NA
Lead	13	B	0.51	0.24	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.13		0.018	0.0056	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: B-15-11 8-10'

Lab Sample ID: WUK0392-09

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene - RE1	750		500	120	ug/kg dry	4.0	☼	SW 8260B	Total
Ethylbenzene - RE1	280	J	500	120	ug/kg dry	4.0	☼	SW 8260B	Total
Naphthalene - RE1	23000		500	250	ug/kg dry	4.0	☼	SW 8260B	Total
1,2,4-Trimethylbenzene - RE1	220	J	500	120	ug/kg dry	4.0	☼	SW 8260B	Total
Xylenes, total - RE1	770	J	1500	370	ug/kg dry	4.0	☼	SW 8260B	Total
2-Methylnaphthalene	4.8	J	10	2.7	mg/Kg	50	☼	8270C	Total/NA
Acenaphthene	15		2.0	0.61	mg/Kg	50	☼	8270C	Total/NA
Acenaphthylene	8.7		2.0	0.47	mg/Kg	50	☼	8270C	Total/NA
Anthracene	53		2.0	0.48	mg/Kg	50	☼	8270C	Total/NA
Carbazole	29		10	2.9	mg/Kg	50	☼	8270C	Total/NA
Dibenz(a,h)anthracene	63		2.0	0.57	mg/Kg	50	☼	8270C	Total/NA
Dibenzofuran	10		10	2.5	mg/Kg	50	☼	8270C	Total/NA
Fluorene	19		2.0	0.47	mg/Kg	50	☼	8270C	Total/NA
Indeno[1,2,3-cd]pyrene	130		2.0	0.69	mg/Kg	50	☼	8270C	Total/NA
Naphthalene	14		2.0	0.40	mg/Kg	50	☼	8270C	Total/NA
Phenanthrene	140		2.0	0.86	mg/Kg	50	☼	8270C	Total/NA
Benzo[a]anthracene - DL	590		20	4.3	mg/Kg	500	☼	8270C	Total/NA
Benzo[a]pyrene - DL	490		20	3.7	mg/Kg	500	☼	8270C	Total/NA
Benzo[b]fluoranthene - DL	590		20	4.0	mg/Kg	500	☼	8270C	Total/NA
Benzo[g,h,i]perylene - DL	260		20	6.9	mg/Kg	500	☼	8270C	Total/NA
Benzo[k]fluoranthene - DL	390		20	4.9	mg/Kg	500	☼	8270C	Total/NA
Chrysene - DL	540		20	4.6	mg/Kg	500	☼	8270C	Total/NA
Fluoranthene - DL	940		20	8.4	mg/Kg	500	☼	8270C	Total/NA
Pyrene - DL	780		20	7.4	mg/Kg	500	☼	8270C	Total/NA
Arsenic	5.6		1.1	0.15	mg/Kg	1	☼	6010B	Total/NA
Barium	48		1.1	0.062	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.34		0.22	0.030	mg/Kg	1	☼	6010B	Total/NA
Chromium	21		1.1	0.094	mg/Kg	1	☼	6010B	Total/NA
Lead	15	B	0.55	0.26	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.54		0.090	0.028	mg/Kg	5	☼	7471A	Total/NA

Detection Summary

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-06-11 0-2'

Lab Sample ID: WUK0392-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	0.31		0.037	0.011	mg/Kg	1	☼	8270C	Total/NA
Acenaphthylene	0.026	J	0.037	0.0086	mg/Kg	1	☼	8270C	Total/NA
Anthracene	0.55		0.037	0.0088	mg/Kg	1	☼	8270C	Total/NA
Benzo[a]anthracene	0.83		0.037	0.0078	mg/Kg	1	☼	8270C	Total/NA
Benzo[a]pyrene	1.0		0.037	0.0068	mg/Kg	1	☼	8270C	Total/NA
Benzo[b]fluoranthene	0.98		0.037	0.0072	mg/Kg	1	☼	8270C	Total/NA
Benzo[g,h,i]perylene	0.65		0.037	0.013	mg/Kg	1	☼	8270C	Total/NA
Benzo[k]fluoranthene	0.70		0.037	0.0089	mg/Kg	1	☼	8270C	Total/NA
Chrysene	1.0		0.037	0.0084	mg/Kg	1	☼	8270C	Total/NA
Dibenz(a,h)anthracene	0.25		0.037	0.010	mg/Kg	1	☼	8270C	Total/NA
Fluoranthene	1.7		0.037	0.015	mg/Kg	1	☼	8270C	Total/NA
Fluorene	0.26		0.037	0.0085	mg/Kg	1	☼	8270C	Total/NA
Indeno[1,2,3-cd]pyrene	0.59		0.037	0.013	mg/Kg	1	☼	8270C	Total/NA
Naphthalene	0.026	J	0.037	0.0072	mg/Kg	1	☼	8270C	Total/NA
Phenanthrene	1.6		0.037	0.016	mg/Kg	1	☼	8270C	Total/NA
Pyrene	1.4		0.037	0.013	mg/Kg	1	☼	8270C	Total/NA
1-Methylnaphthalene	0.078		0.037	0.018	mg/Kg	1	☼	8270C	Total/NA
PCB-1248	27		1.9	0.68	mg/Kg	100	☼	8082	Total/NA
Polychlorinated biphenyls, Total	27		1.9	0.29	mg/Kg	100	☼	8082	Total/NA
Arsenic	2.8		1.1	0.16	mg/Kg	1	☼	6010B	Total/NA
Barium	35		1.1	0.063	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.40		0.22	0.030	mg/Kg	1	☼	6010B	Total/NA
Chromium	13		1.1	0.095	mg/Kg	1	☼	6010B	Total/NA
Lead	12	B	0.56	0.27	mg/Kg	1	☼	6010B	Total/NA
Silver	0.13	J	0.56	0.070	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: B-16-11 0-2'

Lab Sample ID: WUK0392-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	190		110	56	ug/kg dry	1.0	☼	SW 8260B	Total
Acenaphthene	1.3		0.036	0.011	mg/Kg	1	☼	8270C	Total/NA
Acenaphthylene	0.66		0.036	0.0084	mg/Kg	1	☼	8270C	Total/NA
Dibenz(a,h)anthracene	1.8		0.036	0.010	mg/Kg	1	☼	8270C	Total/NA
Fluorene	1.3		0.036	0.0083	mg/Kg	1	☼	8270C	Total/NA
Naphthalene	1.2		0.036	0.0070	mg/Kg	1	☼	8270C	Total/NA
2-Methylnaphthalene	0.44		0.18	0.047	mg/Kg	1	☼	8270C	Total/NA
1-Methylnaphthalene	0.42		0.036	0.018	mg/Kg	1	☼	8270C	Total/NA
Anthracene - DL	4.2		1.8	0.43	mg/Kg	50	☼	8270C	Total/NA
Benzo[a]anthracene - DL	13		1.8	0.38	mg/Kg	50	☼	8270C	Total/NA
Benzo[a]pyrene - DL	16		1.8	0.33	mg/Kg	50	☼	8270C	Total/NA
Benzo[b]fluoranthene - DL	6.8		1.8	0.35	mg/Kg	50	☼	8270C	Total/NA
Benzo[g,h,i]perylene - DL	12		1.8	0.61	mg/Kg	50	☼	8270C	Total/NA
Benzo[k]fluoranthene - DL	3.8		1.8	0.43	mg/Kg	50	☼	8270C	Total/NA
Chrysene - DL	12		1.8	0.41	mg/Kg	50	☼	8270C	Total/NA
Fluoranthene - DL	25		1.8	0.75	mg/Kg	50	☼	8270C	Total/NA
Indeno[1,2,3-cd]pyrene - DL	10		1.8	0.61	mg/Kg	50	☼	8270C	Total/NA
Phenanthrene - DL	11		1.8	0.76	mg/Kg	50	☼	8270C	Total/NA
Pyrene - DL	19		1.8	0.66	mg/Kg	50	☼	8270C	Total/NA
PCB-1248	2.0		0.18	0.066	mg/Kg	10	☼	8082	Total/NA
Polychlorinated biphenyls, Total	2.0		0.18	0.028	mg/Kg	10	☼	8082	Total/NA
Arsenic	3.4		1.1	0.15	mg/Kg	1	☼	6010B	Total/NA
Barium	50		1.1	0.062	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.30		0.22	0.030	mg/Kg	1	☼	6010B	Total/NA
Chromium	18		1.1	0.094	mg/Kg	1	☼	6010B	Total/NA

Detection Summary

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-16-11 0-2' (Continued)

Lab Sample ID: WUK0392-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	8.8	B	0.55	0.26	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.082		0.018	0.0056	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: B-18-11 0-2'

Lab Sample ID: WUK0392-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	76	J	120	59	ug/kg dry	1.0	☼	SW 8260B	Total
Acenaphthene	0.67		0.038	0.011	mg/Kg	1	☼	8270C	Total/NA
Acenaphthylene	0.11		0.038	0.0087	mg/Kg	1	☼	8270C	Total/NA
Fluorene	0.95		0.038	0.0086	mg/Kg	1	☼	8270C	Total/NA
Naphthalene	0.55		0.038	0.0073	mg/Kg	1	☼	8270C	Total/NA
2-Methylnaphthalene	0.19		0.19	0.049	mg/Kg	1	☼	8270C	Total/NA
1-Methylnaphthalene	0.12		0.038	0.019	mg/Kg	1	☼	8270C	Total/NA
Anthracene - DL	5.6		1.9	0.45	mg/Kg	50	☼	8270C	Total/NA
Benzo[a]anthracene - DL	9.7		1.9	0.40	mg/Kg	50	☼	8270C	Total/NA
Benzo[a]pyrene - DL	12		1.9	0.34	mg/Kg	50	☼	8270C	Total/NA
Benzo[b]fluoranthene - DL	14		1.9	0.37	mg/Kg	50	☼	8270C	Total/NA
Benzo[g,h,i]perylene - DL	9.0		1.9	0.64	mg/Kg	50	☼	8270C	Total/NA
Benzo[k]fluoranthene - DL	4.9		1.9	0.45	mg/Kg	50	☼	8270C	Total/NA
Chrysene - DL	12		1.9	0.43	mg/Kg	50	☼	8270C	Total/NA
Dibenz(a,h)anthracene - DL	3.6		1.9	0.53	mg/Kg	50	☼	8270C	Total/NA
Fluoranthene - DL	15		1.9	0.78	mg/Kg	50	☼	8270C	Total/NA
Indeno[1,2,3-cd]pyrene - DL	7.5		1.9	0.64	mg/Kg	50	☼	8270C	Total/NA
Phenanthrene - DL	8.0		1.9	0.79	mg/Kg	50	☼	8270C	Total/NA
Pyrene - DL	12		1.9	0.68	mg/Kg	50	☼	8270C	Total/NA
PCB-1254	0.15		0.020	0.0056	mg/Kg	1	☼	8082	Total/NA
Polychlorinated biphenyls, Total	0.15		0.020	0.0030	mg/Kg	1	☼	8082	Total/NA
Arsenic	5.4		1.1	0.16	mg/Kg	1	☼	6010B	Total/NA
Barium	86		1.1	0.064	mg/Kg	1	☼	6010B	Total/NA
Cadmium	4.2		0.23	0.031	mg/Kg	1	☼	6010B	Total/NA
Chromium	87		1.1	0.097	mg/Kg	1	☼	6010B	Total/NA
Lead	200		0.57	0.27	mg/Kg	1	☼	6010B	Total/NA
Selenium	1.4		1.1	0.32	mg/Kg	1	☼	6010B	Total/NA
Silver	0.69		0.57	0.072	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.035		0.019	0.0059	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: B-20-11 0-2'

Lab Sample ID: WUK0392-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	930		120	58	ug/kg dry	1.0	☼	SW 8260B	Total
Acenaphthene	0.50		0.037	0.011	mg/Kg	1	☼	8270C	Total/NA
Acenaphthylene	0.71		0.037	0.0085	mg/Kg	1	☼	8270C	Total/NA
Benzo[k]fluoranthene	1.7		0.037	0.0088	mg/Kg	1	☼	8270C	Total/NA
Dibenz(a,h)anthracene	0.91		0.037	0.010	mg/Kg	1	☼	8270C	Total/NA
Fluorene	0.45		0.037	0.0084	mg/Kg	1	☼	8270C	Total/NA
Naphthalene	0.85		0.037	0.0072	mg/Kg	1	☼	8270C	Total/NA
Phenanthrene	1.4		0.037	0.016	mg/Kg	1	☼	8270C	Total/NA
2-Methylnaphthalene	0.093	J	0.19	0.048	mg/Kg	1	☼	8270C	Total/NA
1-Methylnaphthalene	0.066		0.037	0.018	mg/Kg	1	☼	8270C	Total/NA
Anthracene - DL	3.4		0.92	0.22	mg/Kg	25	☼	8270C	Total/NA
Benzo[a]anthracene - DL	6.3		0.92	0.19	mg/Kg	25	☼	8270C	Total/NA
Benzo[a]pyrene - DL	6.9		0.92	0.17	mg/Kg	25	☼	8270C	Total/NA
Benzo[b]fluoranthene - DL	11		0.92	0.18	mg/Kg	25	☼	8270C	Total/NA
Benzo[g,h,i]perylene - DL	4.6		0.92	0.31	mg/Kg	25	☼	8270C	Total/NA

Detection Summary

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-20-11 0-2' (Continued)

Lab Sample ID: WUK0392-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chrysene - DL	7.6		0.92	0.21	mg/Kg	25	☼	8270C	Total/NA
Fluoranthene - DL	14		0.92	0.38	mg/Kg	25	☼	8270C	Total/NA
Indeno[1,2,3-cd]pyrene - DL	4.2		0.92	0.31	mg/Kg	25	☼	8270C	Total/NA
Pyrene - DL	10		0.92	0.34	mg/Kg	25	☼	8270C	Total/NA
Arsenic	2.9		0.99	0.14	mg/Kg	1	☼	6010B	Total/NA
Barium	60		0.99	0.056	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.35		0.20	0.027	mg/Kg	1	☼	6010B	Total/NA
Chromium	19		0.99	0.084	mg/Kg	1	☼	6010B	Total/NA
Lead	7.9		0.50	0.24	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.058		0.017	0.0051	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: B-39 0-2'

Lab Sample ID: WUK0392-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	0.023	J	0.038	0.012	mg/Kg	1	☼	8270C	Total/NA
Acenaphthylene	0.099		0.038	0.0088	mg/Kg	1	☼	8270C	Total/NA
Anthracene	0.23		0.038	0.0091	mg/Kg	1	☼	8270C	Total/NA
Benzo[a]anthracene	0.52		0.038	0.0081	mg/Kg	1	☼	8270C	Total/NA
Benzo[a]pyrene	0.60		0.038	0.0070	mg/Kg	1	☼	8270C	Total/NA
Benzo[b]fluoranthene	0.62		0.038	0.0075	mg/Kg	1	☼	8270C	Total/NA
Benzo[g,h,i]perylene	0.35		0.038	0.013	mg/Kg	1	☼	8270C	Total/NA
Benzo[k]fluoranthene	0.41		0.038	0.0092	mg/Kg	1	☼	8270C	Total/NA
Chrysene	0.55		0.038	0.0087	mg/Kg	1	☼	8270C	Total/NA
Dibenz(a,h)anthracene	0.12		0.038	0.011	mg/Kg	1	☼	8270C	Total/NA
Fluoranthene	1.1		0.038	0.016	mg/Kg	1	☼	8270C	Total/NA
Fluorene	0.041		0.038	0.0088	mg/Kg	1	☼	8270C	Total/NA
Indeno[1,2,3-cd]pyrene	0.35		0.038	0.013	mg/Kg	1	☼	8270C	Total/NA
Naphthalene	0.011	J	0.038	0.0074	mg/Kg	1	☼	8270C	Total/NA
Phenanthrene	0.26		0.038	0.016	mg/Kg	1	☼	8270C	Total/NA
Pyrene	0.90		0.038	0.014	mg/Kg	1	☼	8270C	Total/NA
PCB-1254	0.048		0.019	0.0054	mg/Kg	1	☼	8082	Total/NA
Polychlorinated biphenyls, Total	0.048		0.019	0.0029	mg/Kg	1	☼	8082	Total/NA
Arsenic	4.5		1.1	0.15	mg/Kg	1	☼	6010B	Total/NA
Barium	82		1.1	0.060	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.44		0.22	0.029	mg/Kg	1	☼	6010B	Total/NA
Chromium	23		1.1	0.091	mg/Kg	1	☼	6010B	Total/NA
Lead	8.7		0.54	0.26	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.026		0.019	0.0059	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: B-17-11 0-2'

Lab Sample ID: WUK0392-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	520		110	57	ug/kg dry	1.0	☼	SW 8260B	Total
Acenaphthene	57		1.8	0.54	mg/Kg	50	☼	8270C	Total/NA
Acenaphthylene	13		1.8	0.42	mg/Kg	50	☼	8270C	Total/NA
Dibenz(a,h)anthracene	56		1.8	0.51	mg/Kg	50	☼	8270C	Total/NA
Fluorene	96		1.8	0.41	mg/Kg	50	☼	8270C	Total/NA
Naphthalene	37		1.8	0.35	mg/Kg	50	☼	8270C	Total/NA
2-Methylnaphthalene	23		9.2	2.4	mg/Kg	50	☼	8270C	Total/NA
1-Methylnaphthalene	14		1.8	0.91	mg/Kg	50	☼	8270C	Total/NA
Anthracene - DL	340		18	4.3	mg/Kg	500	☼	8270C	Total/NA
Benzo[a]anthracene - DL	420		18	3.8	mg/Kg	500	☼	8270C	Total/NA
Benzo[a]pyrene - DL	290		18	3.3	mg/Kg	500	☼	8270C	Total/NA
Benzo[b]fluoranthene - DL	370		18	3.5	mg/Kg	500	☼	8270C	Total/NA

Detection Summary

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-17-11 0-2' (Continued)

Lab Sample ID: WUK0392-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[g,h,i]perylene - DL	180		18	6.1	mg/Kg	500	☼	8270C	Total/NA
Benzo[k]fluoranthene - DL	150		18	4.3	mg/Kg	500	☼	8270C	Total/NA
Chrysene - DL	480		18	4.1	mg/Kg	500	☼	8270C	Total/NA
Fluoranthene - DL	730		18	7.5	mg/Kg	500	☼	8270C	Total/NA
Indeno[1,2,3-cd]pyrene - DL	170		18	6.1	mg/Kg	500	☼	8270C	Total/NA
Phenanthrene - DL	540		18	7.6	mg/Kg	500	☼	8270C	Total/NA
Pyrene - DL	500		18	6.6	mg/Kg	500	☼	8270C	Total/NA
Arsenic	8.1		1.1	0.15	mg/Kg	1	☼	6010B	Total/NA
Barium	62		1.1	0.060	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.75		0.21	0.029	mg/Kg	1	☼	6010B	Total/NA
Chromium	27		1.1	0.091	mg/Kg	1	☼	6010B	Total/NA
Lead	32		0.53	0.26	mg/Kg	1	☼	6010B	Total/NA
Selenium	0.78	J	1.1	0.30	mg/Kg	1	☼	6010B	Total/NA
Mercury	2.2		0.38	0.11	mg/Kg	20	☼	7471A	Total/NA

Client Sample ID: B-01-11 0-2'

Lab Sample ID: WUK0392-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	0.013	J	0.038	0.011	mg/Kg	1	☼	8270C	Total/NA
Anthracene	0.062		0.038	0.0089	mg/Kg	1	☼	8270C	Total/NA
Benzo[a]anthracene	0.057		0.038	0.0079	mg/Kg	1	☼	8270C	Total/NA
Benzo[a]pyrene	0.064		0.038	0.0069	mg/Kg	1	☼	8270C	Total/NA
Benzo[b]fluoranthene	0.072		0.038	0.0074	mg/Kg	1	☼	8270C	Total/NA
Benzo[g,h,i]perylene	0.049		0.038	0.013	mg/Kg	1	☼	8270C	Total/NA
Benzo[k]fluoranthene	0.038		0.038	0.0090	mg/Kg	1	☼	8270C	Total/NA
Chrysene	0.085		0.038	0.0086	mg/Kg	1	☼	8270C	Total/NA
Dibenz(a,h)anthracene	0.012	J	0.038	0.011	mg/Kg	1	☼	8270C	Total/NA
Fluoranthene	0.10		0.038	0.016	mg/Kg	1	☼	8270C	Total/NA
Fluorene	0.022	J	0.038	0.0086	mg/Kg	1	☼	8270C	Total/NA
Indeno[1,2,3-cd]pyrene	0.036	J	0.038	0.013	mg/Kg	1	☼	8270C	Total/NA
Naphthalene	0.019	J	0.038	0.0073	mg/Kg	1	☼	8270C	Total/NA
Phenanthrene	0.078		0.038	0.016	mg/Kg	1	☼	8270C	Total/NA
Pyrene	0.089		0.038	0.014	mg/Kg	1	☼	8270C	Total/NA
Arsenic	2.9		1.1	0.15	mg/Kg	1	☼	6010B	Total/NA
Barium	55		1.1	0.060	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.34		0.21	0.029	mg/Kg	1	☼	6010B	Total/NA
Chromium	19		1.1	0.090	mg/Kg	1	☼	6010B	Total/NA
Lead	7.2		0.53	0.26	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: B-02-11 0-2'

Lab Sample ID: WUK0392-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	420		110	56	ug/kg dry	1.0	☼	SW 8260B	Total
2-Methylnaphthalene	0.36	J	0.90	0.23	mg/Kg	5	☼	8270C	Total/NA
Acenaphthene	1.1		0.18	0.054	mg/Kg	5	☼	8270C	Total/NA
Acenaphthylene	0.26		0.18	0.041	mg/Kg	5	☼	8270C	Total/NA
Anthracene	3.1		0.18	0.042	mg/Kg	5	☼	8270C	Total/NA
Benzo[g,h,i]perylene	11		0.18	0.061	mg/Kg	5	☼	8270C	Total/NA
Carbazole	1.6		0.90	0.25	mg/Kg	5	☼	8270C	Total/NA
Dibenz(a,h)anthracene	5.6		0.18	0.050	mg/Kg	5	☼	8270C	Total/NA
Dibenzofuran	0.55	J	0.90	0.22	mg/Kg	5	☼	8270C	Total/NA
Fluorene	0.89		0.18	0.041	mg/Kg	5	☼	8270C	Total/NA
Indeno[1,2,3-cd]pyrene	9.8		0.18	0.061	mg/Kg	5	☼	8270C	Total/NA
Naphthalene	1.2		0.18	0.035	mg/Kg	5	☼	8270C	Total/NA

Detection Summary

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-02-11 0-2' (Continued)

Lab Sample ID: WUK0392-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Phenanthrene	8.9		0.18	0.075	mg/Kg	5	☼	8270C	Total/NA
Benzo[a]anthracene - DL	21		1.8	0.38	mg/Kg	50	☼	8270C	Total/NA
Benzo[a]pyrene - DL	26		1.8	0.33	mg/Kg	50	☼	8270C	Total/NA
Benzo[b]fluoranthene - DL	25		1.8	0.35	mg/Kg	50	☼	8270C	Total/NA
Benzo[k]fluoranthene - DL	21		1.8	0.43	mg/Kg	50	☼	8270C	Total/NA
Chrysene - DL	26		1.8	0.41	mg/Kg	50	☼	8270C	Total/NA
Fluoranthene - DL	41		1.8	0.73	mg/Kg	50	☼	8270C	Total/NA
Pyrene - DL	38		1.8	0.65	mg/Kg	50	☼	8270C	Total/NA
Arsenic	3.7		0.98	0.14	mg/Kg	1	☼	6010B	Total/NA
Barium	52		0.98	0.055	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.48		0.20	0.026	mg/Kg	1	☼	6010B	Total/NA
Chromium	18		0.98	0.083	mg/Kg	1	☼	6010B	Total/NA
Lead	10		0.49	0.23	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.069		0.019	0.0057	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: B-40 0-2'

Lab Sample ID: WUK0392-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
n-Butylbenzene	150		120	31	ug/kg dry	1.0	☼	SW 8260B	Total
sec-Butylbenzene	52	J	120	31	ug/kg dry	1.0	☼	SW 8260B	Total
p-Isopropyltoluene	54	J	120	31	ug/kg dry	1.0	☼	SW 8260B	Total
Naphthalene	2500		120	62	ug/kg dry	1.0	☼	SW 8260B	Total
1,2,4-Trimethylbenzene	79	J	120	31	ug/kg dry	1.0	☼	SW 8260B	Total
Acenaphthene	3.1		0.040	0.012	mg/Kg	1	☼	8270C	Total/NA
Acenaphthylene	0.17		0.040	0.0092	mg/Kg	1	☼	8270C	Total/NA
Dibenz(a,h)anthracene	1.2		0.040	0.011	mg/Kg	1	☼	8270C	Total/NA
Fluorene	3.0		0.040	0.0091	mg/Kg	1	☼	8270C	Total/NA
Naphthalene	1.6		0.040	0.0077	mg/Kg	1	☼	8270C	Total/NA
2-Methylnaphthalene	2.6		0.20	0.052	mg/Kg	1	☼	8270C	Total/NA
Anthracene - DL	6.2		0.99	0.23	mg/Kg	25	☼	8270C	Total/NA
Benzo[a]anthracene - DL	7.3		0.99	0.21	mg/Kg	25	☼	8270C	Total/NA
Benzo[a]pyrene - DL	6.8		0.99	0.18	mg/Kg	25	☼	8270C	Total/NA
Benzo[b]fluoranthene - DL	8.0		0.99	0.19	mg/Kg	25	☼	8270C	Total/NA
Benzo[g,h,i]perylene - DL	4.4		0.99	0.34	mg/Kg	25	☼	8270C	Total/NA
Benzo[k]fluoranthene - DL	3.2		0.99	0.24	mg/Kg	25	☼	8270C	Total/NA
Chrysene - DL	6.3		0.99	0.22	mg/Kg	25	☼	8270C	Total/NA
Fluoranthene - DL	23		0.99	0.41	mg/Kg	25	☼	8270C	Total/NA
Indeno[1,2,3-cd]pyrene - DL	4.1		0.99	0.34	mg/Kg	25	☼	8270C	Total/NA
Phenanthrene - DL	19		0.99	0.42	mg/Kg	25	☼	8270C	Total/NA
Pyrene - DL	14		0.99	0.36	mg/Kg	25	☼	8270C	Total/NA
1-Methylnaphthalene - DL	7.2		0.99	0.49	mg/Kg	25	☼	8270C	Total/NA
PCB-1248	0.080		0.020	0.0074	mg/Kg	1	☼	8082	Total/NA
PCB-1254	0.025		0.020	0.0058	mg/Kg	1	☼	8082	Total/NA
Polychlorinated biphenyls, Total	0.11		0.020	0.0032	mg/Kg	1	☼	8082	Total/NA
Arsenic	2.5		1.1	0.15	mg/Kg	1	☼	6010B	Total/NA
Barium	46		1.1	0.060	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.18	J	0.21	0.029	mg/Kg	1	☼	6010B	Total/NA
Chromium	12		1.1	0.091	mg/Kg	1	☼	6010B	Total/NA
Lead	9.5		0.54	0.26	mg/Kg	1	☼	6010B	Total/NA
Selenium	0.48	J	1.1	0.30	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.023		0.018	0.0055	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: B-03-11 0-2'

Lab Sample ID: WUK0392-19

Detection Summary

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-03-11 0-2' (Continued)

Lab Sample ID: WUK0392-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	0.12		0.038	0.012	mg/Kg	1	☼	8270C	Total/NA
Acenaphthylene	0.014	J	0.038	0.0089	mg/Kg	1	☼	8270C	Total/NA
Anthracene	0.31		0.038	0.0091	mg/Kg	1	☼	8270C	Total/NA
Benzo[a]anthracene	1.3		0.038	0.0081	mg/Kg	1	☼	8270C	Total/NA
Benzo[a]pyrene	1.6		0.038	0.0071	mg/Kg	1	☼	8270C	Total/NA
Benzo[b]fluoranthene	1.8		0.038	0.0075	mg/Kg	1	☼	8270C	Total/NA
Benzo[g,h,i]perylene	1.2		0.038	0.013	mg/Kg	1	☼	8270C	Total/NA
Benzo[k]fluoranthene	0.88		0.038	0.0092	mg/Kg	1	☼	8270C	Total/NA
Chrysene	1.6		0.038	0.0087	mg/Kg	1	☼	8270C	Total/NA
Dibenz(a,h)anthracene	0.37		0.038	0.011	mg/Kg	1	☼	8270C	Total/NA
Fluoranthene	1.9		0.038	0.016	mg/Kg	1	☼	8270C	Total/NA
Fluorene	0.11		0.038	0.0088	mg/Kg	1	☼	8270C	Total/NA
Indeno[1,2,3-cd]pyrene	1.0		0.038	0.013	mg/Kg	1	☼	8270C	Total/NA
Naphthalene	0.034	J	0.038	0.0075	mg/Kg	1	☼	8270C	Total/NA
Phenanthrene	0.93		0.038	0.016	mg/Kg	1	☼	8270C	Total/NA
Pyrene	1.9		0.038	0.014	mg/Kg	1	☼	8270C	Total/NA
1-Methylnaphthalene	0.019	J	0.038	0.019	mg/Kg	1	☼	8270C	Total/NA
Arsenic	5.4		1.1	0.16	mg/Kg	1	☼	6010B	Total/NA
Barium	69		1.1	0.063	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.31		0.23	0.031	mg/Kg	1	☼	6010B	Total/NA
Chromium	26		1.1	0.096	mg/Kg	1	☼	6010B	Total/NA
Lead	10		0.57	0.27	mg/Kg	1	☼	6010B	Total/NA
Selenium	0.59	J	1.1	0.32	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.031		0.018	0.0054	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: B-41 0-2'

Lab Sample ID: WUK0392-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	0.010	J	0.040	0.0084	mg/Kg	1	☼	8270C	Total/NA
Benzo[a]pyrene	0.016	J	0.040	0.0073	mg/Kg	1	☼	8270C	Total/NA
Benzo[b]fluoranthene	0.014	J	0.040	0.0078	mg/Kg	1	☼	8270C	Total/NA
Benzo[g,h,i]perylene	0.017	J	0.040	0.014	mg/Kg	1	☼	8270C	Total/NA
Benzo[k]fluoranthene	0.011	J	0.040	0.0096	mg/Kg	1	☼	8270C	Total/NA
Chrysene	0.013	J	0.040	0.0091	mg/Kg	1	☼	8270C	Total/NA
Arsenic	8.4		1.1	0.15	mg/Kg	1	☼	6010B	Total/NA
Barium	130		1.1	0.061	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.59		0.22	0.029	mg/Kg	1	☼	6010B	Total/NA
Chromium	35		1.1	0.093	mg/Kg	1	☼	6010B	Total/NA
Lead	12		0.55	0.26	mg/Kg	1	☼	6010B	Total/NA
Selenium	0.54	J	1.1	0.31	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.038		0.020	0.0061	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: B-41 4-6'

Lab Sample ID: WUK0392-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]pyrene	0.047		0.038	0.0069	mg/Kg	1	☼	8270C	Total/NA
Benzo[b]fluoranthene	0.038		0.038	0.0074	mg/Kg	1	☼	8270C	Total/NA
Benzo[g,h,i]perylene	0.026	J	0.038	0.013	mg/Kg	1	☼	8270C	Total/NA
Benzo[k]fluoranthene	0.030	J	0.038	0.0091	mg/Kg	1	☼	8270C	Total/NA
Dibenz(a,h)anthracene	0.011	J	0.038	0.011	mg/Kg	1	☼	8270C	Total/NA
Indeno[1,2,3-cd]pyrene	0.022	J	0.038	0.013	mg/Kg	1	☼	8270C	Total/NA
Arsenic	4.8		1.1	0.16	mg/Kg	1	☼	6010B	Total/NA
Barium	78		1.1	0.063	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.42		0.22	0.030	mg/Kg	1	☼	6010B	Total/NA

Detection Summary

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-41 4-6' (Continued)

Lab Sample ID: WUK0392-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium	22		1.1	0.095	mg/Kg	1	☼	6010B	Total/NA
Lead	7.7		0.56	0.27	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.014	J	0.017	0.0053	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: B-41 8-10'

Lab Sample ID: WUK0392-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chrysene	0.012	J	0.038	0.0087	mg/Kg	1	☼	8270C	Total/NA
Arsenic	3.9		1.1	0.16	mg/Kg	1	☼	6010B	Total/NA
Barium	41		1.1	0.063	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.31		0.22	0.030	mg/Kg	1	☼	6010B	Total/NA
Chromium	16		1.1	0.095	mg/Kg	1	☼	6010B	Total/NA
Lead	7.0		0.56	0.27	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.012	J	0.019	0.0059	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: B-42 0-2'

Lab Sample ID: WUK0392-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Anthracene	0.038	J	0.048	0.011	mg/Kg	1	☼	8270C	Total/NA
Benzo[a]anthracene	0.25		0.048	0.010	mg/Kg	1	☼	8270C	Total/NA
Benzo[a]pyrene	0.39		0.048	0.0088	mg/Kg	1	☼	8270C	Total/NA
Benzo[b]fluoranthene	0.43		0.048	0.0093	mg/Kg	1	☼	8270C	Total/NA
Benzo[g,h,i]perylene	0.28		0.048	0.016	mg/Kg	1	☼	8270C	Total/NA
Benzo[k]fluoranthene	0.26		0.048	0.011	mg/Kg	1	☼	8270C	Total/NA
Chrysene	0.37		0.048	0.011	mg/Kg	1	☼	8270C	Total/NA
Dibenz(a,h)anthracene	0.12		0.048	0.013	mg/Kg	1	☼	8270C	Total/NA
Fluoranthene	0.37		0.048	0.020	mg/Kg	1	☼	8270C	Total/NA
Indeno[1,2,3-cd]pyrene	0.25		0.048	0.016	mg/Kg	1	☼	8270C	Total/NA
Phenanthrene	0.12		0.048	0.020	mg/Kg	1	☼	8270C	Total/NA
Pyrene	0.42		0.048	0.017	mg/Kg	1	☼	8270C	Total/NA
PCB-1248	0.19		0.024	0.0086	mg/Kg	1	☼	8082	Total/NA
PCB-1254	0.20		0.024	0.0068	mg/Kg	1	☼	8082	Total/NA
Polychlorinated biphenyls, Total	0.39		0.024	0.0037	mg/Kg	1	☼	8082	Total/NA
Arsenic	3.2		1.4	0.20	mg/Kg	1	☼	6010B	Total/NA
Barium	43		1.4	0.081	mg/Kg	1	☼	6010B	Total/NA
Cadmium	7.4		0.29	0.039	mg/Kg	1	☼	6010B	Total/NA
Chromium	110		1.4	0.12	mg/Kg	1	☼	6010B	Total/NA
Lead	130		0.72	0.35	mg/Kg	1	☼	6010B	Total/NA
Selenium	2.5		1.4	0.40	mg/Kg	1	☼	6010B	Total/NA
Silver	1.5		0.72	0.091	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.016	J	0.023	0.0070	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: B-42 4-6'

Lab Sample ID: WUK0392-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]pyrene	0.032	J	0.052	0.0095	mg/Kg	1	☼	8270C	Total/NA
Benzo[b]fluoranthene	0.027	J	0.052	0.010	mg/Kg	1	☼	8270C	Total/NA
Benzo[g,h,i]perylene	0.028	J	0.052	0.018	mg/Kg	1	☼	8270C	Total/NA
Benzo[k]fluoranthene	0.014	J	0.052	0.012	mg/Kg	1	☼	8270C	Total/NA
Indeno[1,2,3-cd]pyrene	0.023	J	0.052	0.018	mg/Kg	1	☼	8270C	Total/NA
Arsenic	1.5		1.4	0.20	mg/Kg	1	☼	6010B	Total/NA
Barium	83		1.4	0.079	mg/Kg	1	☼	6010B	Total/NA
Cadmium	43		0.28	0.038	mg/Kg	1	☼	6010B	Total/NA
Chromium	350		1.4	0.12	mg/Kg	1	☼	6010B	Total/NA

Detection Summary

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-42 4-6' (Continued)

Lab Sample ID: WUK0392-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	990		0.71	0.34	mg/Kg	1	☼	6010B	Total/NA
Selenium	2.0		1.4	0.40	mg/Kg	1	☼	6010B	Total/NA
Silver	6.0		0.71	0.089	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: B-42 8-10'

Lab Sample ID: WUK0392-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]pyrene	0.022	J	0.038	0.0070	mg/Kg	1	☼	8270C	Total/NA
Benzo[b]fluoranthene	0.015	J	0.038	0.0075	mg/Kg	1	☼	8270C	Total/NA
Benzo[g,h,i]perylene	0.024	J	0.038	0.013	mg/Kg	1	☼	8270C	Total/NA
Benzo[k]fluoranthene	0.016	J	0.038	0.0092	mg/Kg	1	☼	8270C	Total/NA
Indeno[1,2,3-cd]pyrene	0.019	J	0.038	0.013	mg/Kg	1	☼	8270C	Total/NA
Arsenic	3.7		1.2	0.16	mg/Kg	1	☼	6010B	Total/NA
Barium	55		1.2	0.064	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.33		0.23	0.031	mg/Kg	1	☼	6010B	Total/NA
Chromium	17		1.2	0.098	mg/Kg	1	☼	6010B	Total/NA
Lead	6.6		0.58	0.28	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.013	J	0.018	0.0054	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: B-43 0-2'

Lab Sample ID: WUK0392-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	140		120	60	ug/kg dry	1.0	☼	SW 8260B	Total
Acenaphthene	0.14		0.038	0.011	mg/Kg	1	☼	8270C	Total/NA
Acenaphthylene	0.085		0.038	0.0087	mg/Kg	1	☼	8270C	Total/NA
Anthracene	0.31		0.038	0.0089	mg/Kg	1	☼	8270C	Total/NA
Benzo[k]fluoranthene	0.64		0.038	0.0090	mg/Kg	1	☼	8270C	Total/NA
Dibenz(a,h)anthracene	1.3		0.038	0.011	mg/Kg	1	☼	8270C	Total/NA
Fluorene	0.082		0.038	0.0086	mg/Kg	1	☼	8270C	Total/NA
Indeno[1,2,3-cd]pyrene	2.7		0.038	0.013	mg/Kg	1	☼	8270C	Total/NA
Naphthalene	0.11		0.038	0.0073	mg/Kg	1	☼	8270C	Total/NA
Phenanthrene	1.2		0.038	0.016	mg/Kg	1	☼	8270C	Total/NA
2-Methylnaphthalene	0.064	J	0.19	0.049	mg/Kg	1	☼	8270C	Total/NA
1-Methylnaphthalene	0.043		0.038	0.019	mg/Kg	1	☼	8270C	Total/NA
Benzo[a]anthracene - DL	3.8		0.38	0.079	mg/Kg	10	☼	8270C	Total/NA
Benzo[a]pyrene - DL	3.7		0.38	0.069	mg/Kg	10	☼	8270C	Total/NA
Benzo[b]fluoranthene - DL	7.7		0.38	0.074	mg/Kg	10	☼	8270C	Total/NA
Benzo[g,h,i]perylene - DL	4.2		0.38	0.13	mg/Kg	10	☼	8270C	Total/NA
Chrysene - DL	4.0		0.38	0.086	mg/Kg	10	☼	8270C	Total/NA
Fluoranthene - DL	4.7		0.38	0.16	mg/Kg	10	☼	8270C	Total/NA
Pyrene - DL	4.6		0.38	0.14	mg/Kg	10	☼	8270C	Total/NA
PCB-1254	0.061		0.020	0.0056	mg/Kg	1	☼	8082	Total/NA
PCB-1260	0.030		0.020	0.0046	mg/Kg	1	☼	8082	Total/NA
Polychlorinated biphenyls, Total	0.090		0.020	0.0030	mg/Kg	1	☼	8082	Total/NA
Arsenic	6.7		1.1	0.16	mg/Kg	1	☼	6010B	Total/NA
Barium	72		1.1	0.063	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.71		0.22	0.030	mg/Kg	1	☼	6010B	Total/NA
Chromium	33		1.1	0.095	mg/Kg	1	☼	6010B	Total/NA
Lead	38		0.56	0.27	mg/Kg	1	☼	6010B	Total/NA
Silver	0.12	J	0.56	0.071	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.092		0.018	0.0055	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: B-43 4-6'

Lab Sample ID: WUK0392-27

Detection Summary

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-43 4-6' (Continued)

Lab Sample ID: WUK0392-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	0.017	J	0.034	0.010	mg/Kg	1	☼	8270C	Total/NA
Acenaphthylene	0.025	J	0.034	0.0079	mg/Kg	1	☼	8270C	Total/NA
Anthracene	0.043		0.034	0.0081	mg/Kg	1	☼	8270C	Total/NA
Benzo[a]anthracene	0.60		0.034	0.0072	mg/Kg	1	☼	8270C	Total/NA
Benzo[a]pyrene	0.89		0.034	0.0062	mg/Kg	1	☼	8270C	Total/NA
Benzo[b]fluoranthene	1.2		0.034	0.0067	mg/Kg	1	☼	8270C	Total/NA
Benzo[g,h,i]perylene	0.66		0.034	0.012	mg/Kg	1	☼	8270C	Total/NA
Benzo[k]fluoranthene	0.23		0.034	0.0082	mg/Kg	1	☼	8270C	Total/NA
Chrysene	0.68		0.034	0.0077	mg/Kg	1	☼	8270C	Total/NA
Dibenz(a,h)anthracene	0.27		0.034	0.0096	mg/Kg	1	☼	8270C	Total/NA
Fluoranthene	0.72		0.034	0.014	mg/Kg	1	☼	8270C	Total/NA
Fluorene	0.012	J	0.034	0.0078	mg/Kg	1	☼	8270C	Total/NA
Indeno[1,2,3-cd]pyrene	0.55		0.034	0.012	mg/Kg	1	☼	8270C	Total/NA
Naphthalene	0.025	J	0.034	0.0066	mg/Kg	1	☼	8270C	Total/NA
Phenanthrene	0.17		0.034	0.014	mg/Kg	1	☼	8270C	Total/NA
Pyrene	0.62		0.034	0.012	mg/Kg	1	☼	8270C	Total/NA
PCB-1254	0.098		0.017	0.0050	mg/Kg	1	☼	8082	Total/NA
Polychlorinated biphenyls, Total	0.098		0.017	0.0027	mg/Kg	1	☼	8082	Total/NA
Arsenic	2.3		0.95	0.13	mg/Kg	1	☼	6010B	Total/NA
Barium	10		0.95	0.053	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.19		0.19	0.026	mg/Kg	1	☼	6010B	Total/NA
Chromium	3.6		0.95	0.081	mg/Kg	1	☼	6010B	Total/NA
Lead	2.5		0.48	0.23	mg/Kg	1	☼	6010B	Total/NA
Silver	0.069	J	0.48	0.060	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.0087	J	0.016	0.0050	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: B-43 8-10'

Lab Sample ID: WUK0392-28

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	47	J	120	30	ug/kg dry	1.0	☼	SW 8260B	Total
Toluene	120		120	30	ug/kg dry	1.0	☼	SW 8260B	Total
Xylenes, total	120	J	360	91	ug/kg dry	1.0	☼	SW 8260B	Total
Acenaphthene	0.024	J	0.039	0.012	mg/Kg	1	☼	8270C	Total/NA
Acenaphthylene	0.061		0.039	0.0090	mg/Kg	1	☼	8270C	Total/NA
Anthracene	0.069		0.039	0.0092	mg/Kg	1	☼	8270C	Total/NA
Benzo[a]anthracene	0.49		0.039	0.0082	mg/Kg	1	☼	8270C	Total/NA
Benzo[a]pyrene	0.61		0.039	0.0071	mg/Kg	1	☼	8270C	Total/NA
Benzo[b]fluoranthene	0.98		0.039	0.0076	mg/Kg	1	☼	8270C	Total/NA
Benzo[g,h,i]perylene	0.53		0.039	0.013	mg/Kg	1	☼	8270C	Total/NA
Benzo[k]fluoranthene	0.11		0.039	0.0094	mg/Kg	1	☼	8270C	Total/NA
Chrysene	0.53		0.039	0.0089	mg/Kg	1	☼	8270C	Total/NA
Dibenz(a,h)anthracene	0.11		0.039	0.011	mg/Kg	1	☼	8270C	Total/NA
Fluoranthene	0.90		0.039	0.016	mg/Kg	1	☼	8270C	Total/NA
Fluorene	0.019	J	0.039	0.0089	mg/Kg	1	☼	8270C	Total/NA
Indeno[1,2,3-cd]pyrene	0.45		0.039	0.013	mg/Kg	1	☼	8270C	Total/NA
Naphthalene	0.036	J	0.039	0.0076	mg/Kg	1	☼	8270C	Total/NA
Phenanthrene	0.33		0.039	0.016	mg/Kg	1	☼	8270C	Total/NA
Pyrene	0.65		0.039	0.014	mg/Kg	1	☼	8270C	Total/NA
PCB-1254	0.029		0.019	0.0055	mg/Kg	1	☼	8082	Total/NA
Polychlorinated biphenyls, Total	0.029		0.019	0.0030	mg/Kg	1	☼	8082	Total/NA
Arsenic	4.6		1.1	0.15	mg/Kg	1	☼	6010B	Total/NA
Barium	82		1.1	0.062	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.38		0.22	0.030	mg/Kg	1	☼	6010B	Total/NA
Chromium	25		1.1	0.094	mg/Kg	1	☼	6010B	Total/NA

Detection Summary

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-43 8-10' (Continued)

Lab Sample ID: WUK0392-28

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	9.3		0.55	0.27	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.029		0.019	0.0059	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: B-44 0-2'

Lab Sample ID: WUK0392-29

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	0.013	J	0.036	0.011	mg/Kg	1	☼	8270C	Total/NA
Anthracene	0.027	J	0.036	0.0086	mg/Kg	1	☼	8270C	Total/NA
Benzo[a]anthracene	0.25		0.036	0.0076	mg/Kg	1	☼	8270C	Total/NA
Benzo[a]pyrene	0.32		0.036	0.0066	mg/Kg	1	☼	8270C	Total/NA
Benzo[b]fluoranthene	0.36		0.036	0.0071	mg/Kg	1	☼	8270C	Total/NA
Benzo[g,h,i]perylene	0.24		0.036	0.012	mg/Kg	1	☼	8270C	Total/NA
Benzo[k]fluoranthene	0.20		0.036	0.0087	mg/Kg	1	☼	8270C	Total/NA
Chrysene	0.30		0.036	0.0082	mg/Kg	1	☼	8270C	Total/NA
Dibenz(a,h)anthracene	0.065		0.036	0.010	mg/Kg	1	☼	8270C	Total/NA
Fluoranthene	0.37		0.036	0.015	mg/Kg	1	☼	8270C	Total/NA
Fluorene	0.011	J	0.036	0.0083	mg/Kg	1	☼	8270C	Total/NA
Indeno[1,2,3-cd]pyrene	0.21		0.036	0.012	mg/Kg	1	☼	8270C	Total/NA
Naphthalene	0.0081	J	0.036	0.0070	mg/Kg	1	☼	8270C	Total/NA
Phenanthrene	0.14		0.036	0.015	mg/Kg	1	☼	8270C	Total/NA
Pyrene	0.29		0.036	0.013	mg/Kg	1	☼	8270C	Total/NA
Arsenic	3.2		1.1	0.16	mg/Kg	1	☼	6010B	Total/NA
Barium	51		1.1	0.063	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.35		0.22	0.030	mg/Kg	1	☼	6010B	Total/NA
Chromium	19		1.1	0.095	mg/Kg	1	☼	6010B	Total/NA
Lead	9.9		0.56	0.27	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.044		0.019	0.0057	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: B-44 4-6'

Lab Sample ID: WUK0392-30

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	3.1		1.0	0.14	mg/Kg	1	☼	6010B	Total/NA
Barium	49		1.0	0.058	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.35		0.21	0.028	mg/Kg	1	☼	6010B	Total/NA
Chromium	15		1.0	0.088	mg/Kg	1	☼	6010B	Total/NA
Lead	5.9		0.52	0.25	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.013	J	0.018	0.0054	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: B-44 8-10'

Lab Sample ID: WUK0392-31

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	4.7		1.0	0.14	mg/Kg	1	☼	6010B	Total/NA
Barium	59		1.0	0.057	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.37		0.20	0.027	mg/Kg	1	☼	6010B	Total/NA
Chromium	17		1.0	0.086	mg/Kg	1	☼	6010B	Total/NA
Lead	6.5		0.51	0.24	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.012	J	0.020	0.0060	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: TB-3

Lab Sample ID: WUK0392-32

No Detections

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-36 0-2'

Lab Sample ID: WUK0392-01

Date Collected: 11/10/11 09:00

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 91.8

Method: SW 8260B - VOCs by SW8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<27		110	27	ug/kg dry	☼	11/15/11 11:55	11/15/11 17:45	1.0
Bromobenzene	<27		110	27	ug/kg dry	☼	11/15/11 11:55	11/15/11 17:45	1.0
Bromochloromethane	<27		110	27	ug/kg dry	☼	11/15/11 11:55	11/15/11 17:45	1.0
Bromodichloromethane	<27		110	27	ug/kg dry	☼	11/15/11 11:55	11/15/11 17:45	1.0
Bromoform	<27		110	27	ug/kg dry	☼	11/15/11 11:55	11/15/11 17:45	1.0
Bromomethane	<110		270	110	ug/kg dry	☼	11/15/11 11:55	11/15/11 17:45	1.0
n-Butylbenzene	<27		110	27	ug/kg dry	☼	11/15/11 11:55	11/15/11 17:45	1.0
sec-Butylbenzene	<27		110	27	ug/kg dry	☼	11/15/11 11:55	11/15/11 17:45	1.0
tert-Butylbenzene	<27		110	27	ug/kg dry	☼	11/15/11 11:55	11/15/11 17:45	1.0
Carbon Tetrachloride	<27		110	27	ug/kg dry	☼	11/15/11 11:55	11/15/11 17:45	1.0
Chlorobenzene	<27		110	27	ug/kg dry	☼	11/15/11 11:55	11/15/11 17:45	1.0
Chlorodibromomethane	<27		110	27	ug/kg dry	☼	11/15/11 11:55	11/15/11 17:45	1.0
Chloroethane	<54		110	54	ug/kg dry	☼	11/15/11 11:55	11/15/11 17:45	1.0
Chloroform	<27		110	27	ug/kg dry	☼	11/15/11 11:55	11/15/11 17:45	1.0
Chloromethane	<54		110	54	ug/kg dry	☼	11/15/11 11:55	11/15/11 17:45	1.0
2-Chlorotoluene	<54		110	54	ug/kg dry	☼	11/15/11 11:55	11/15/11 17:45	1.0
4-Chlorotoluene	<27		110	27	ug/kg dry	☼	11/15/11 11:55	11/15/11 17:45	1.0
1,2-Dibromo-3-chloropropane	<54		110	54	ug/kg dry	☼	11/15/11 11:55	11/15/11 17:45	1.0
1,2-Dibromoethane (EDB)	<27		110	27	ug/kg dry	☼	11/15/11 11:55	11/15/11 17:45	1.0
Dibromomethane	<27		110	27	ug/kg dry	☼	11/15/11 11:55	11/15/11 17:45	1.0
1,2-Dichlorobenzene	<27		110	27	ug/kg dry	☼	11/15/11 11:55	11/15/11 17:45	1.0
1,3-Dichlorobenzene	<27		110	27	ug/kg dry	☼	11/15/11 11:55	11/15/11 17:45	1.0
1,4-Dichlorobenzene	<27		110	27	ug/kg dry	☼	11/15/11 11:55	11/15/11 17:45	1.0
Dichlorodifluoromethane	<54		110	54	ug/kg dry	☼	11/15/11 11:55	11/15/11 17:45	1.0
1,1-Dichloroethane	<27		110	27	ug/kg dry	☼	11/15/11 11:55	11/15/11 17:45	1.0
1,2-Dichloroethane	<27		110	27	ug/kg dry	☼	11/15/11 11:55	11/15/11 17:45	1.0
1,1-Dichloroethene	<27		110	27	ug/kg dry	☼	11/15/11 11:55	11/15/11 17:45	1.0
cis-1,2-Dichloroethene	<27		110	27	ug/kg dry	☼	11/15/11 11:55	11/15/11 17:45	1.0
trans-1,2-Dichloroethene	<27		110	27	ug/kg dry	☼	11/15/11 11:55	11/15/11 17:45	1.0
1,2-Dichloropropane	<27		110	27	ug/kg dry	☼	11/15/11 11:55	11/15/11 17:45	1.0
1,3-Dichloropropane	<27		110	27	ug/kg dry	☼	11/15/11 11:55	11/15/11 17:45	1.0
2,2-Dichloropropane	<27		110	27	ug/kg dry	☼	11/15/11 11:55	11/15/11 17:45	1.0
1,1-Dichloropropene	<27		110	27	ug/kg dry	☼	11/15/11 11:55	11/15/11 17:45	1.0
cis-1,3-Dichloropropene	<27		110	27	ug/kg dry	☼	11/15/11 11:55	11/15/11 17:45	1.0
trans-1,3-Dichloropropene	<27		110	27	ug/kg dry	☼	11/15/11 11:55	11/15/11 17:45	1.0
Isopropyl Ether	<27		110	27	ug/kg dry	☼	11/15/11 11:55	11/15/11 17:45	1.0
Ethylbenzene	<27		110	27	ug/kg dry	☼	11/15/11 11:55	11/15/11 17:45	1.0
Hexachlorobutadiene	<27		110	27	ug/kg dry	☼	11/15/11 11:55	11/15/11 17:45	1.0
Isopropylbenzene	<27		110	27	ug/kg dry	☼	11/15/11 11:55	11/15/11 17:45	1.0
p-Isopropyltoluene	<27		110	27	ug/kg dry	☼	11/15/11 11:55	11/15/11 17:45	1.0
Methylene Chloride	<54		110	54	ug/kg dry	☼	11/15/11 11:55	11/15/11 17:45	1.0
Methyl tert-Butyl Ether	<27		110	27	ug/kg dry	☼	11/15/11 11:55	11/15/11 17:45	1.0
Naphthalene	<54		110	54	ug/kg dry	☼	11/15/11 11:55	11/15/11 17:45	1.0
n-Propylbenzene	<27		110	27	ug/kg dry	☼	11/15/11 11:55	11/15/11 17:45	1.0
Styrene	<54		110	54	ug/kg dry	☼	11/15/11 11:55	11/15/11 17:45	1.0
1,1,1,2-Tetrachloroethane	<27		110	27	ug/kg dry	☼	11/15/11 11:55	11/15/11 17:45	1.0
1,1,1,2,2-Tetrachloroethane	<27		110	27	ug/kg dry	☼	11/15/11 11:55	11/15/11 17:45	1.0
Tetrachloroethene	<27		110	27	ug/kg dry	☼	11/15/11 11:55	11/15/11 17:45	1.0
Toluene	<27		110	27	ug/kg dry	☼	11/15/11 11:55	11/15/11 17:45	1.0
1,2,3-Trichlorobenzene	<27		110	27	ug/kg dry	☼	11/15/11 11:55	11/15/11 17:45	1.0

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-36 0-2'

Lab Sample ID: WUK0392-01

Date Collected: 11/10/11 09:00

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 91.8

Method: SW 8260B - VOCs by SW8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<27		110	27	ug/kg dry	☼	11/15/11 11:55	11/15/11 17:45	1.0
1,1,1-Trichloroethane	<27		110	27	ug/kg dry	☼	11/15/11 11:55	11/15/11 17:45	1.0
1,1,2-Trichloroethane	<27		110	27	ug/kg dry	☼	11/15/11 11:55	11/15/11 17:45	1.0
Trichloroethene	<27		110	27	ug/kg dry	☼	11/15/11 11:55	11/15/11 17:45	1.0
Trichlorofluoromethane	<27		110	27	ug/kg dry	☼	11/15/11 11:55	11/15/11 17:45	1.0
1,2,3-Trichloropropane	<54		110	54	ug/kg dry	☼	11/15/11 11:55	11/15/11 17:45	1.0
1,2,4-Trimethylbenzene	<27		110	27	ug/kg dry	☼	11/15/11 11:55	11/15/11 17:45	1.0
1,3,5-Trimethylbenzene	<27		110	27	ug/kg dry	☼	11/15/11 11:55	11/15/11 17:45	1.0
Vinyl chloride	<27		110	27	ug/kg dry	☼	11/15/11 11:55	11/15/11 17:45	1.0
Xylenes, total	<82		330	82	ug/kg dry	☼	11/15/11 11:55	11/15/11 17:45	1.0
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Dibromofluoromethane	89		80 - 120				11/15/11 11:55	11/15/11 17:45	1.0
Toluene-d8	99		80 - 120				11/15/11 11:55	11/15/11 17:45	1.0
4-Bromofluorobenzene	98		80 - 120				11/15/11 11:55	11/15/11 17:45	1.0

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.016	J	0.035	0.011	mg/Kg	☼	11/20/11 21:23	11/23/11 18:37	1
Acenaphthylene	<0.0081		0.035	0.0081	mg/Kg	☼	11/20/11 21:23	11/23/11 18:37	1
Anthracene	0.068		0.035	0.0083	mg/Kg	☼	11/20/11 21:23	11/23/11 18:37	1
Benzo[a]anthracene	0.33		0.035	0.0074	mg/Kg	☼	11/20/11 21:23	11/23/11 18:37	1
Benzo[a]pyrene	0.46		0.035	0.0064	mg/Kg	☼	11/20/11 21:23	11/23/11 18:37	1
Benzo[b]fluoranthene	0.54		0.035	0.0068	mg/Kg	☼	11/20/11 21:23	11/23/11 18:37	1
Benzo[g,h,i]perylene	0.49		0.035	0.012	mg/Kg	☼	11/20/11 21:23	11/23/11 18:37	1
Benzo[k]fluoranthene	0.32		0.035	0.0084	mg/Kg	☼	11/20/11 21:23	11/23/11 18:37	1
Chrysene	0.48		0.035	0.0079	mg/Kg	☼	11/20/11 21:23	11/23/11 18:37	1
Dibenz(a,h)anthracene	0.12		0.035	0.0098	mg/Kg	☼	11/20/11 21:23	11/23/11 18:37	1
Fluoranthene	0.49		0.035	0.014	mg/Kg	☼	11/20/11 21:23	11/23/11 18:37	1
Fluorene	0.030	J	0.035	0.0080	mg/Kg	☼	11/20/11 21:23	11/23/11 18:37	1
Indeno[1,2,3-cd]pyrene	0.44		0.035	0.012	mg/Kg	☼	11/20/11 21:23	11/23/11 18:37	1
Naphthalene	0.0080	J	0.035	0.0068	mg/Kg	☼	11/20/11 21:23	11/23/11 18:37	1
Phenanthrene	0.20		0.035	0.015	mg/Kg	☼	11/20/11 21:23	11/23/11 18:37	1
Pyrene	0.47		0.035	0.013	mg/Kg	☼	11/20/11 21:23	11/23/11 18:37	1
2-Methylnaphthalene	<0.046		0.18	0.046	mg/Kg	☼	11/20/11 21:23	11/23/11 18:37	1
1-Methylnaphthalene	<0.017		0.035	0.017	mg/Kg	☼	11/20/11 21:23	11/23/11 18:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	88		27 - 113				11/20/11 21:23	11/23/11 18:37	1
Nitrobenzene-d5	90		22 - 110				11/20/11 21:23	11/23/11 18:37	1
Terphenyl-d14	100		33 - 129				11/20/11 21:23	11/23/11 18:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.13		0.36	0.13	mg/Kg	☼	11/21/11 19:46	11/23/11 09:41	20
PCB-1221	<0.29		0.36	0.29	mg/Kg	☼	11/21/11 19:46	11/23/11 09:41	20
PCB-1232	<0.14		0.36	0.14	mg/Kg	☼	11/21/11 19:46	11/23/11 09:41	20
PCB-1242	<0.17		0.36	0.17	mg/Kg	☼	11/21/11 19:46	11/23/11 09:41	20
PCB-1248	4.3		0.36	0.13	mg/Kg	☼	11/21/11 19:46	11/23/11 09:41	20
PCB-1254	2.2		0.36	0.10	mg/Kg	☼	11/21/11 19:46	11/23/11 09:41	20
PCB-1260	<0.085		0.36	0.085	mg/Kg	☼	11/21/11 19:46	11/23/11 09:41	20

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-36 0-2'

Lab Sample ID: WUK0392-01

Date Collected: 11/10/11 09:00

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 91.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Polychlorinated biphenyls, Total	6.5		0.36	0.056	mg/Kg	☼	11/21/11 19:46	11/23/11 09:41	20
<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>				<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
Tetrachloro- <i>m</i> -xylene	0	D	28 - 124				11/21/11 19:46	11/23/11 09:41	20
DCB Decachlorobiphenyl	0	D	38 - 130				11/21/11 19:46	11/23/11 09:41	20

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.66	J	0.98	0.14	mg/Kg	☼	11/20/11 15:25	11/21/11 13:02	1
Barium	8.7		0.98	0.055	mg/Kg	☼	11/20/11 15:25	11/21/11 13:02	1
Cadmium	0.82		0.20	0.026	mg/Kg	☼	11/20/11 15:25	11/21/11 13:02	1
Chromium	8.5		0.98	0.083	mg/Kg	☼	11/20/11 15:25	11/21/11 13:02	1
Lead	22	B	0.49	0.24	mg/Kg	☼	11/20/11 15:25	11/21/11 13:02	1
Selenium	<0.27		0.98	0.27	mg/Kg	☼	11/20/11 15:25	11/21/11 13:02	1
Silver	0.092	J	0.49	0.062	mg/Kg	☼	11/20/11 15:25	11/21/11 13:02	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.032		0.018	0.0055	mg/Kg	☼	11/23/11 08:15	11/23/11 11:00	1

Client Sample ID: B-37 0-2'

Lab Sample ID: WUK0392-02

Date Collected: 11/10/11 09:10

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 79.9

Method: SW 8260B - VOCs by SW8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<31		130	31	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:13	1.0
Bromobenzene	<31		130	31	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:13	1.0
Bromochloromethane	<31		130	31	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:13	1.0
Bromodichloromethane	<31		130	31	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:13	1.0
Bromoform	<31		130	31	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:13	1.0
Bromomethane	<130		310	130	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:13	1.0
n-Butylbenzene	<31		130	31	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:13	1.0
sec-Butylbenzene	<31		130	31	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:13	1.0
tert-Butylbenzene	<31		130	31	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:13	1.0
Carbon Tetrachloride	<31		130	31	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:13	1.0
Chlorobenzene	<31		130	31	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:13	1.0
Chlorodibromomethane	<31		130	31	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:13	1.0
Chloroethane	<63		130	63	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:13	1.0
Chloroform	<31		130	31	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:13	1.0
Chloromethane	<63		130	63	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:13	1.0
2-Chlorotoluene	<63		130	63	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:13	1.0
4-Chlorotoluene	<31		130	31	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:13	1.0
1,2-Dibromo-3-chloropropane	<63		130	63	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:13	1.0
1,2-Dibromoethane (EDB)	<31		130	31	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:13	1.0
Dibromomethane	<31		130	31	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:13	1.0
1,2-Dichlorobenzene	<31		130	31	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:13	1.0
1,3-Dichlorobenzene	<31		130	31	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:13	1.0
1,4-Dichlorobenzene	<31		130	31	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:13	1.0
Dichlorodifluoromethane	<63		130	63	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:13	1.0

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-37 0-2'

Lab Sample ID: WUK0392-02

Date Collected: 11/10/11 09:10

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 79.9

Method: SW 8260B - VOCs by SW8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	<31		130	31	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:13	1.0
1,2-Dichloroethane	<31		130	31	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:13	1.0
1,1-Dichloroethene	<31		130	31	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:13	1.0
cis-1,2-Dichloroethene	<31		130	31	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:13	1.0
trans-1,2-Dichloroethene	<31		130	31	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:13	1.0
1,2-Dichloropropane	<31		130	31	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:13	1.0
1,3-Dichloropropane	<31		130	31	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:13	1.0
2,2-Dichloropropane	<31		130	31	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:13	1.0
1,1-Dichloropropene	<31		130	31	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:13	1.0
cis-1,3-Dichloropropene	<31		130	31	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:13	1.0
trans-1,3-Dichloropropene	<31		130	31	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:13	1.0
Isopropyl Ether	<31		130	31	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:13	1.0
Ethylbenzene	<31		130	31	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:13	1.0
Hexachlorobutadiene	<31		130	31	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:13	1.0
Isopropylbenzene	<31		130	31	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:13	1.0
p-Isopropyltoluene	<31		130	31	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:13	1.0
Methylene Chloride	<63		130	63	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:13	1.0
Methyl tert-Butyl Ether	<31		130	31	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:13	1.0
Naphthalene	<63		130	63	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:13	1.0
n-Propylbenzene	<31		130	31	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:13	1.0
Styrene	<63		130	63	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:13	1.0
1,1,1,2-Tetrachloroethane	<31		130	31	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:13	1.0
1,1,2,2-Tetrachloroethane	<31		130	31	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:13	1.0
Tetrachloroethene	<31		130	31	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:13	1.0
Toluene	<31		130	31	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:13	1.0
1,2,3-Trichlorobenzene	<31		130	31	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:13	1.0
1,2,4-Trichlorobenzene	<31		130	31	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:13	1.0
1,1,1-Trichloroethane	<31		130	31	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:13	1.0
1,1,2-Trichloroethane	<31		130	31	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:13	1.0
Trichloroethene	<31		130	31	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:13	1.0
Trichlorofluoromethane	<31		130	31	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:13	1.0
1,2,3-Trichloropropane	<63		130	63	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:13	1.0
1,2,4-Trimethylbenzene	<31		130	31	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:13	1.0
1,3,5-Trimethylbenzene	<31		130	31	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:13	1.0
Vinyl chloride	<31		130	31	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:13	1.0
Xylenes, total	<94		380	94	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:13	1.0

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane	90		80 - 120	11/15/11 11:55	11/15/11 18:13	1.0
Toluene-d8	97		80 - 120	11/15/11 11:55	11/15/11 18:13	1.0
4-Bromofluorobenzene	99		80 - 120	11/15/11 11:55	11/15/11 18:13	1.0

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.016	J	0.039	0.012	mg/Kg	☼	11/20/11 21:23	11/22/11 23:21	1
Acenaphthylene	<0.0091		0.039	0.0091	mg/Kg	☼	11/20/11 21:23	11/22/11 23:21	1
Anthracene	0.035	J	0.039	0.0093	mg/Kg	☼	11/20/11 21:23	11/22/11 23:21	1
Benzo[a]anthracene	0.50		0.039	0.0083	mg/Kg	☼	11/20/11 21:23	11/22/11 23:21	1
Benzo[a]pyrene	0.70		0.039	0.0072	mg/Kg	☼	11/20/11 21:23	11/22/11 23:21	1
Benzo[b]fluoranthene	0.68		0.039	0.0077	mg/Kg	☼	11/20/11 21:23	11/22/11 23:21	1
Benzo[g,h,i]perylene	0.51		0.039	0.013	mg/Kg	☼	11/20/11 21:23	11/22/11 23:21	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-37 0-2'

Lab Sample ID: WUK0392-02

Date Collected: 11/10/11 09:10

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 79.9

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[k]fluoranthene	0.51		0.039	0.0094	mg/Kg	✱	11/20/11 21:23	11/22/11 23:21	1
Chrysene	0.61		0.039	0.0089	mg/Kg	✱	11/20/11 21:23	11/22/11 23:21	1
Dibenz(a,h)anthracene	0.15		0.039	0.011	mg/Kg	✱	11/20/11 21:23	11/22/11 23:21	1
Fluoranthene	0.61		0.039	0.016	mg/Kg	✱	11/20/11 21:23	11/22/11 23:21	1
Fluorene	<0.0090		0.039	0.0090	mg/Kg	✱	11/20/11 21:23	11/22/11 23:21	1
Indeno[1,2,3-cd]pyrene	0.45		0.039	0.013	mg/Kg	✱	11/20/11 21:23	11/22/11 23:21	1
Naphthalene	<0.0076		0.039	0.0076	mg/Kg	✱	11/20/11 21:23	11/22/11 23:21	1
Phenanthrene	0.13		0.039	0.016	mg/Kg	✱	11/20/11 21:23	11/22/11 23:21	1
Pyrene	0.56		0.039	0.014	mg/Kg	✱	11/20/11 21:23	11/22/11 23:21	1
2-Methylnaphthalene	<0.051		0.20	0.051	mg/Kg	✱	11/20/11 21:23	11/22/11 23:21	1
1-Methylnaphthalene	<0.020		0.039	0.020	mg/Kg	✱	11/20/11 21:23	11/22/11 23:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	95		27 - 113				11/20/11 21:23	11/22/11 23:21	1
Nitrobenzene-d5	88		22 - 110				11/20/11 21:23	11/22/11 23:21	1
Terphenyl-d14	99		33 - 129				11/20/11 21:23	11/22/11 23:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0074		0.020	0.0074	mg/Kg	✱	11/21/11 19:46	11/23/11 03:47	1
PCB-1221	<0.017		0.020	0.017	mg/Kg	✱	11/21/11 19:46	11/23/11 03:47	1
PCB-1232	<0.0080		0.020	0.0080	mg/Kg	✱	11/21/11 19:46	11/23/11 03:47	1
PCB-1242	<0.0098		0.020	0.0098	mg/Kg	✱	11/21/11 19:46	11/23/11 03:47	1
PCB-1248	<0.0075		0.020	0.0075	mg/Kg	✱	11/21/11 19:46	11/23/11 03:47	1
PCB-1254	<0.0059		0.020	0.0059	mg/Kg	✱	11/21/11 19:46	11/23/11 03:47	1
PCB-1260	<0.0048		0.020	0.0048	mg/Kg	✱	11/21/11 19:46	11/23/11 03:47	1
Polychlorinated biphenyls, Total	<0.0032		0.020	0.0032	mg/Kg	✱	11/21/11 19:46	11/23/11 03:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	80		28 - 124				11/21/11 19:46	11/23/11 03:47	1
DCB Decachlorobiphenyl	99		38 - 130				11/21/11 19:46	11/23/11 03:47	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	7.7		1.1	0.16	mg/Kg	✱	11/20/11 15:25	11/21/11 13:08	1
Barium	100		1.1	0.063	mg/Kg	✱	11/20/11 15:25	11/21/11 13:08	1
Cadmium	0.30		0.23	0.030	mg/Kg	✱	11/20/11 15:25	11/21/11 13:08	1
Chromium	33		1.1	0.096	mg/Kg	✱	11/20/11 15:25	11/21/11 13:08	1
Lead	15	B	0.56	0.27	mg/Kg	✱	11/20/11 15:25	11/21/11 13:08	1
Selenium	<0.32		1.1	0.32	mg/Kg	✱	11/20/11 15:25	11/21/11 13:08	1
Silver	<0.071		0.56	0.071	mg/Kg	✱	11/20/11 15:25	11/21/11 13:08	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.037		0.021	0.0063	mg/Kg	✱	11/23/11 08:15	11/23/11 11:07	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-19-11 0-2'

Lab Sample ID: WUK0392-03

Date Collected: 11/10/11 09:30

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 82.1

Method: SW 8260B - VOCs by SW8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:42	1.0
Bromobenzene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:42	1.0
Bromochloromethane	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:42	1.0
Bromodichloromethane	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:42	1.0
Bromoform	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:42	1.0
Bromomethane	<120		300	120	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:42	1.0
n-Butylbenzene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:42	1.0
sec-Butylbenzene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:42	1.0
tert-Butylbenzene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:42	1.0
Carbon Tetrachloride	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:42	1.0
Chlorobenzene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:42	1.0
Chlorodibromomethane	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:42	1.0
Chloroethane	<61		120	61	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:42	1.0
Chloroform	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:42	1.0
Chloromethane	<61		120	61	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:42	1.0
2-Chlorotoluene	<61		120	61	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:42	1.0
4-Chlorotoluene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:42	1.0
1,2-Dibromo-3-chloropropane	<61		120	61	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:42	1.0
1,2-Dibromoethane (EDB)	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:42	1.0
Dibromomethane	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:42	1.0
1,2-Dichlorobenzene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:42	1.0
1,3-Dichlorobenzene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:42	1.0
1,4-Dichlorobenzene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:42	1.0
Dichlorodifluoromethane	<61		120	61	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:42	1.0
1,1-Dichloroethane	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:42	1.0
1,2-Dichloroethane	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:42	1.0
1,1-Dichloroethene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:42	1.0
cis-1,2-Dichloroethene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:42	1.0
trans-1,2-Dichloroethene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:42	1.0
1,2-Dichloropropane	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:42	1.0
1,3-Dichloropropane	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:42	1.0
2,2-Dichloropropane	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:42	1.0
1,1-Dichloropropene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:42	1.0
cis-1,3-Dichloropropene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:42	1.0
trans-1,3-Dichloropropene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:42	1.0
Isopropyl Ether	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:42	1.0
Ethylbenzene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:42	1.0
Hexachlorobutadiene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:42	1.0
Isopropylbenzene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:42	1.0
p-Isopropyltoluene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:42	1.0
Methylene Chloride	<61		120	61	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:42	1.0
Methyl tert-Butyl Ether	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:42	1.0
Naphthalene	320		120	61	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:42	1.0
n-Propylbenzene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:42	1.0
Styrene	<61		120	61	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:42	1.0
1,1,1,2-Tetrachloroethane	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:42	1.0
1,1,2,2-Tetrachloroethane	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:42	1.0
Tetrachloroethene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:42	1.0
Toluene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:42	1.0
1,2,3-Trichlorobenzene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:42	1.0

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-19-11 0-2'

Lab Sample ID: WUK0392-03

Date Collected: 11/10/11 09:30

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 82.1

Method: SW 8260B - VOCs by SW8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:42	1.0
1,1,1-Trichloroethane	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:42	1.0
1,1,2-Trichloroethane	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:42	1.0
Trichloroethene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:42	1.0
Trichlorofluoromethane	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:42	1.0
1,2,3-Trichloropropane	<61		120	61	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:42	1.0
1,2,4-Trimethylbenzene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:42	1.0
1,3,5-Trimethylbenzene	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:42	1.0
Vinyl chloride	<30		120	30	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:42	1.0
Xylenes, total	<91		370	91	ug/kg dry	☼	11/15/11 11:55	11/15/11 18:42	1.0
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Dibromofluoromethane	88		80 - 120				11/15/11 11:55	11/15/11 18:42	1.0
Toluene-d8	98		80 - 120				11/15/11 11:55	11/15/11 18:42	1.0
4-Bromofluorobenzene	98		80 - 120				11/15/11 11:55	11/15/11 18:42	1.0

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthylene	0.059		0.040	0.0093	mg/Kg	☼	11/20/11 21:23	11/23/11 18:59	1
Anthracene	2.5		0.040	0.0095	mg/Kg	☼	11/20/11 21:23	11/23/11 18:59	1
Benzo[a]anthracene	1.7		0.040	0.0084	mg/Kg	☼	11/20/11 21:23	11/23/11 18:59	1
Benzo[a]pyrene	1.1		0.040	0.0073	mg/Kg	☼	11/20/11 21:23	11/23/11 18:59	1
Benzo[b]fluoranthene	1.1		0.040	0.0078	mg/Kg	☼	11/20/11 21:23	11/23/11 18:59	1
Benzo[g,h,i]perylene	0.61		0.040	0.014	mg/Kg	☼	11/20/11 21:23	11/23/11 18:59	1
Benzo[k]fluoranthene	0.82		0.040	0.0096	mg/Kg	☼	11/20/11 21:23	11/23/11 18:59	1
Chrysene	1.9		0.040	0.0091	mg/Kg	☼	11/20/11 21:23	11/23/11 18:59	1
Dibenz(a,h)anthracene	0.18		0.040	0.011	mg/Kg	☼	11/20/11 21:23	11/23/11 18:59	1
Indeno[1,2,3-cd]pyrene	0.56		0.040	0.014	mg/Kg	☼	11/20/11 21:23	11/23/11 18:59	1
Naphthalene	0.70		0.040	0.0078	mg/Kg	☼	11/20/11 21:23	11/23/11 18:59	1
2-Methylnaphthalene	0.59		0.20	0.052	mg/Kg	☼	11/20/11 21:23	11/23/11 18:59	1
1-Methylnaphthalene	0.55		0.040	0.020	mg/Kg	☼	11/20/11 21:23	11/23/11 18:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	96		27 - 113				11/20/11 21:23	11/23/11 18:59	1
Nitrobenzene-d5	78		22 - 110				11/20/11 21:23	11/23/11 18:59	1
Terphenyl-d14	98		33 - 129				11/20/11 21:23	11/23/11 18:59	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	4.8		0.40	0.12	mg/Kg	☼	11/20/11 21:23	11/26/11 23:41	10
Fluoranthene	7.5		0.40	0.16	mg/Kg	☼	11/20/11 21:23	11/26/11 23:41	10
Fluorene	3.1		0.40	0.092	mg/Kg	☼	11/20/11 21:23	11/26/11 23:41	10
Phenanthrene	7.4		0.40	0.17	mg/Kg	☼	11/20/11 21:23	11/26/11 23:41	10
Pyrene	5.1		0.40	0.15	mg/Kg	☼	11/20/11 21:23	11/26/11 23:41	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0073		0.020	0.0073	mg/Kg	☼	11/21/11 19:46	11/23/11 04:29	1
PCB-1221	<0.016		0.020	0.016	mg/Kg	☼	11/21/11 19:46	11/23/11 04:29	1
PCB-1232	<0.0079		0.020	0.0079	mg/Kg	☼	11/21/11 19:46	11/23/11 04:29	1
PCB-1242	<0.0097		0.020	0.0097	mg/Kg	☼	11/21/11 19:46	11/23/11 04:29	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-19-11 0-2'

Date Collected: 11/10/11 09:30

Date Received: 11/11/11 15:23

Lab Sample ID: WUK0392-03

Matrix: Solid/Soil

Percent Solids: 82.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	<0.0074		0.020	0.0074	mg/Kg	✱	11/21/11 19:46	11/23/11 04:29	1
PCB-1254	0.034		0.020	0.0058	mg/Kg	✱	11/21/11 19:46	11/23/11 04:29	1
PCB-1260	<0.0047		0.020	0.0047	mg/Kg	✱	11/21/11 19:46	11/23/11 04:29	1
Polychlorinated biphenyls, Total	0.034		0.020	0.0031	mg/Kg	✱	11/21/11 19:46	11/23/11 04:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	77		28 - 124				11/21/11 19:46	11/23/11 04:29	1
DCB Decachlorobiphenyl	106		38 - 130				11/21/11 19:46	11/23/11 04:29	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.9		1.1	0.15	mg/Kg	✱	11/20/11 15:25	11/21/11 13:14	1
Barium	39		1.1	0.061	mg/Kg	✱	11/20/11 15:25	11/21/11 13:14	1
Cadmium	0.77		0.22	0.029	mg/Kg	✱	11/20/11 15:25	11/21/11 13:14	1
Chromium	17		1.1	0.092	mg/Kg	✱	11/20/11 15:25	11/21/11 13:14	1
Lead	11 B		0.54	0.26	mg/Kg	✱	11/20/11 15:25	11/21/11 13:14	1
Selenium	<0.30		1.1	0.30	mg/Kg	✱	11/20/11 15:25	11/21/11 13:14	1
Silver	<0.068		0.54	0.068	mg/Kg	✱	11/20/11 15:25	11/21/11 13:14	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.034		0.019	0.0058	mg/Kg	✱	11/23/11 08:15	11/23/11 11:23	1

Client Sample ID: B-19-11 4-6'

Date Collected: 11/10/11 09:40

Date Received: 11/11/11 15:23

Lab Sample ID: WUK0392-04

Matrix: Solid/Soil

Percent Solids: 89

Method: SW 8260B - VOCs by SW8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<28		110	28	ug/kg dry	✱	11/15/11 11:55	11/15/11 19:10	1.0
Bromobenzene	<28		110	28	ug/kg dry	✱	11/15/11 11:55	11/15/11 19:10	1.0
Bromochloromethane	<28		110	28	ug/kg dry	✱	11/15/11 11:55	11/15/11 19:10	1.0
Bromodichloromethane	<28		110	28	ug/kg dry	✱	11/15/11 11:55	11/15/11 19:10	1.0
Bromoform	<28		110	28	ug/kg dry	✱	11/15/11 11:55	11/15/11 19:10	1.0
Bromomethane	<110		280	110	ug/kg dry	✱	11/15/11 11:55	11/15/11 19:10	1.0
n-Butylbenzene	<28		110	28	ug/kg dry	✱	11/15/11 11:55	11/15/11 19:10	1.0
sec-Butylbenzene	<28		110	28	ug/kg dry	✱	11/15/11 11:55	11/15/11 19:10	1.0
tert-Butylbenzene	<28		110	28	ug/kg dry	✱	11/15/11 11:55	11/15/11 19:10	1.0
Carbon Tetrachloride	<28		110	28	ug/kg dry	✱	11/15/11 11:55	11/15/11 19:10	1.0
Chlorobenzene	<28		110	28	ug/kg dry	✱	11/15/11 11:55	11/15/11 19:10	1.0
Chlorodibromomethane	<28		110	28	ug/kg dry	✱	11/15/11 11:55	11/15/11 19:10	1.0
Chloroethane	<56		110	56	ug/kg dry	✱	11/15/11 11:55	11/15/11 19:10	1.0
Chloroform	<28		110	28	ug/kg dry	✱	11/15/11 11:55	11/15/11 19:10	1.0
Chloromethane	<56		110	56	ug/kg dry	✱	11/15/11 11:55	11/15/11 19:10	1.0
2-Chlorotoluene	<56		110	56	ug/kg dry	✱	11/15/11 11:55	11/15/11 19:10	1.0
4-Chlorotoluene	<28		110	28	ug/kg dry	✱	11/15/11 11:55	11/15/11 19:10	1.0
1,2-Dibromo-3-chloropropane	<56		110	56	ug/kg dry	✱	11/15/11 11:55	11/15/11 19:10	1.0
1,2-Dibromoethane (EDB)	<28		110	28	ug/kg dry	✱	11/15/11 11:55	11/15/11 19:10	1.0
Dibromomethane	<28		110	28	ug/kg dry	✱	11/15/11 11:55	11/15/11 19:10	1.0
1,2-Dichlorobenzene	<28		110	28	ug/kg dry	✱	11/15/11 11:55	11/15/11 19:10	1.0

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-19-11 4-6'

Lab Sample ID: WUK0392-04

Date Collected: 11/10/11 09:40

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 89

Method: SW 8260B - VOCs by SW8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	<28		110	28	ug/kg dry	☼	11/15/11 11:55	11/15/11 19:10	1.0
1,4-Dichlorobenzene	<28		110	28	ug/kg dry	☼	11/15/11 11:55	11/15/11 19:10	1.0
Dichlorodifluoromethane	<56		110	56	ug/kg dry	☼	11/15/11 11:55	11/15/11 19:10	1.0
1,1-Dichloroethane	<28		110	28	ug/kg dry	☼	11/15/11 11:55	11/15/11 19:10	1.0
1,2-Dichloroethane	<28		110	28	ug/kg dry	☼	11/15/11 11:55	11/15/11 19:10	1.0
1,1-Dichloroethene	<28		110	28	ug/kg dry	☼	11/15/11 11:55	11/15/11 19:10	1.0
cis-1,2-Dichloroethene	<28		110	28	ug/kg dry	☼	11/15/11 11:55	11/15/11 19:10	1.0
trans-1,2-Dichloroethene	<28		110	28	ug/kg dry	☼	11/15/11 11:55	11/15/11 19:10	1.0
1,2-Dichloropropane	<28		110	28	ug/kg dry	☼	11/15/11 11:55	11/15/11 19:10	1.0
1,3-Dichloropropane	<28		110	28	ug/kg dry	☼	11/15/11 11:55	11/15/11 19:10	1.0
2,2-Dichloropropane	<28		110	28	ug/kg dry	☼	11/15/11 11:55	11/15/11 19:10	1.0
1,1-Dichloropropene	<28		110	28	ug/kg dry	☼	11/15/11 11:55	11/15/11 19:10	1.0
cis-1,3-Dichloropropene	<28		110	28	ug/kg dry	☼	11/15/11 11:55	11/15/11 19:10	1.0
trans-1,3-Dichloropropene	<28		110	28	ug/kg dry	☼	11/15/11 11:55	11/15/11 19:10	1.0
Isopropyl Ether	<28		110	28	ug/kg dry	☼	11/15/11 11:55	11/15/11 19:10	1.0
Ethylbenzene	<28		110	28	ug/kg dry	☼	11/15/11 11:55	11/15/11 19:10	1.0
Hexachlorobutadiene	<28		110	28	ug/kg dry	☼	11/15/11 11:55	11/15/11 19:10	1.0
Isopropylbenzene	<28		110	28	ug/kg dry	☼	11/15/11 11:55	11/15/11 19:10	1.0
p-Isopropyltoluene	<28		110	28	ug/kg dry	☼	11/15/11 11:55	11/15/11 19:10	1.0
Methylene Chloride	<56		110	56	ug/kg dry	☼	11/15/11 11:55	11/15/11 19:10	1.0
Methyl tert-Butyl Ether	<28		110	28	ug/kg dry	☼	11/15/11 11:55	11/15/11 19:10	1.0
Naphthalene	71	J	110	56	ug/kg dry	☼	11/15/11 11:55	11/15/11 19:10	1.0
n-Propylbenzene	<28		110	28	ug/kg dry	☼	11/15/11 11:55	11/15/11 19:10	1.0
Styrene	<56		110	56	ug/kg dry	☼	11/15/11 11:55	11/15/11 19:10	1.0
1,1,1,2-Tetrachloroethane	<28		110	28	ug/kg dry	☼	11/15/11 11:55	11/15/11 19:10	1.0
1,1,2,2-Tetrachloroethane	<28		110	28	ug/kg dry	☼	11/15/11 11:55	11/15/11 19:10	1.0
Tetrachloroethene	<28		110	28	ug/kg dry	☼	11/15/11 11:55	11/15/11 19:10	1.0
Toluene	<28		110	28	ug/kg dry	☼	11/15/11 11:55	11/15/11 19:10	1.0
1,2,3-Trichlorobenzene	<28		110	28	ug/kg dry	☼	11/15/11 11:55	11/15/11 19:10	1.0
1,2,4-Trichlorobenzene	<28		110	28	ug/kg dry	☼	11/15/11 11:55	11/15/11 19:10	1.0
1,1,1-Trichloroethane	<28		110	28	ug/kg dry	☼	11/15/11 11:55	11/15/11 19:10	1.0
1,1,2-Trichloroethane	<28		110	28	ug/kg dry	☼	11/15/11 11:55	11/15/11 19:10	1.0
Trichloroethene	<28		110	28	ug/kg dry	☼	11/15/11 11:55	11/15/11 19:10	1.0
Trichlorofluoromethane	<28		110	28	ug/kg dry	☼	11/15/11 11:55	11/15/11 19:10	1.0
1,2,3-Trichloropropane	<56		110	56	ug/kg dry	☼	11/15/11 11:55	11/15/11 19:10	1.0
1,2,4-Trimethylbenzene	<28		110	28	ug/kg dry	☼	11/15/11 11:55	11/15/11 19:10	1.0
1,3,5-Trimethylbenzene	<28		110	28	ug/kg dry	☼	11/15/11 11:55	11/15/11 19:10	1.0
Vinyl chloride	<28		110	28	ug/kg dry	☼	11/15/11 11:55	11/15/11 19:10	1.0
Xylenes, total	<84		340	84	ug/kg dry	☼	11/15/11 11:55	11/15/11 19:10	1.0
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Dibromofluoromethane	87		80 - 120				11/15/11 11:55	11/15/11 19:10	1.0
Toluene-d8	98		80 - 120				11/15/11 11:55	11/15/11 19:10	1.0
4-Bromofluorobenzene	98		80 - 120				11/15/11 11:55	11/15/11 19:10	1.0

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.18		0.036	0.011	mg/Kg	☼	11/20/11 21:23	11/22/11 22:58	1
Acenaphthylene	<0.0082		0.036	0.0082	mg/Kg	☼	11/20/11 21:23	11/22/11 22:58	1
Anthracene	0.29		0.036	0.0084	mg/Kg	☼	11/20/11 21:23	11/22/11 22:58	1
Benzo[a]anthracene	0.33		0.036	0.0075	mg/Kg	☼	11/20/11 21:23	11/22/11 22:58	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-19-11 4-6'

Lab Sample ID: WUK0392-04

Date Collected: 11/10/11 09:40

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 89.0

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	0.30		0.036	0.0065	mg/Kg	☼	11/20/11 21:23	11/22/11 22:58	1
Benzo[b]fluoranthene	0.31		0.036	0.0069	mg/Kg	☼	11/20/11 21:23	11/22/11 22:58	1
Benzo[g,h,i]perylene	0.18		0.036	0.012	mg/Kg	☼	11/20/11 21:23	11/22/11 22:58	1
Benzo[k]fluoranthene	0.19		0.036	0.0085	mg/Kg	☼	11/20/11 21:23	11/22/11 22:58	1
Chrysene	0.33		0.036	0.0081	mg/Kg	☼	11/20/11 21:23	11/22/11 22:58	1
Dibenz(a,h)anthracene	0.052		0.036	0.010	mg/Kg	☼	11/20/11 21:23	11/22/11 22:58	1
Fluoranthene	0.95		0.036	0.015	mg/Kg	☼	11/20/11 21:23	11/22/11 22:58	1
Fluorene	0.17		0.036	0.0081	mg/Kg	☼	11/20/11 21:23	11/22/11 22:58	1
Indeno[1,2,3-cd]pyrene	0.16		0.036	0.012	mg/Kg	☼	11/20/11 21:23	11/22/11 22:58	1
Naphthalene	0.068		0.036	0.0069	mg/Kg	☼	11/20/11 21:23	11/22/11 22:58	1
Phenanthrene	0.91		0.036	0.015	mg/Kg	☼	11/20/11 21:23	11/22/11 22:58	1
Pyrene	0.68		0.036	0.013	mg/Kg	☼	11/20/11 21:23	11/22/11 22:58	1
2-Methylnaphthalene	<0.046		0.18	0.046	mg/Kg	☼	11/20/11 21:23	11/22/11 22:58	1
1-Methylnaphthalene	0.026	J	0.036	0.018	mg/Kg	☼	11/20/11 21:23	11/22/11 22:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	68		27 - 113				11/20/11 21:23	11/22/11 22:58	1
Nitrobenzene-d5	66		22 - 110				11/20/11 21:23	11/22/11 22:58	1
Terphenyl-d14	73		33 - 129				11/20/11 21:23	11/22/11 22:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0066		0.018	0.0066	mg/Kg	☼	11/21/11 19:46	11/23/11 04:43	1
PCB-1221	<0.015		0.018	0.015	mg/Kg	☼	11/21/11 19:46	11/23/11 04:43	1
PCB-1232	<0.0071		0.018	0.0071	mg/Kg	☼	11/21/11 19:46	11/23/11 04:43	1
PCB-1242	<0.0088		0.018	0.0088	mg/Kg	☼	11/21/11 19:46	11/23/11 04:43	1
PCB-1248	<0.0067		0.018	0.0067	mg/Kg	☼	11/21/11 19:46	11/23/11 04:43	1
PCB-1254	<0.0053		0.018	0.0053	mg/Kg	☼	11/21/11 19:46	11/23/11 04:43	1
PCB-1260	<0.0043		0.018	0.0043	mg/Kg	☼	11/21/11 19:46	11/23/11 04:43	1
Polychlorinated biphenyls, Total	<0.0028		0.018	0.0028	mg/Kg	☼	11/21/11 19:46	11/23/11 04:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	82		28 - 124				11/21/11 19:46	11/23/11 04:43	1
DCB Decachlorobiphenyl	100		38 - 130				11/21/11 19:46	11/23/11 04:43	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.5		0.99	0.14	mg/Kg	☼	11/20/11 15:25	11/21/11 13:22	1
Barium	32		0.99	0.055	mg/Kg	☼	11/20/11 15:25	11/21/11 13:22	1
Cadmium	0.27		0.20	0.027	mg/Kg	☼	11/20/11 15:25	11/21/11 13:22	1
Chromium	12		0.99	0.084	mg/Kg	☼	11/20/11 15:25	11/21/11 13:22	1
Lead	8.8	B	0.49	0.24	mg/Kg	☼	11/20/11 15:25	11/21/11 13:22	1
Selenium	<0.28		0.99	0.28	mg/Kg	☼	11/20/11 15:25	11/21/11 13:22	1
Silver	<0.062		0.49	0.062	mg/Kg	☼	11/20/11 15:25	11/21/11 13:22	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.015	J	0.017	0.0053	mg/Kg	☼	11/23/11 08:15	11/23/11 11:24	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-19-11 8-10'

Lab Sample ID: WUK0392-05

Date Collected: 11/10/11 09:45

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 78.2

Method: SW 8260B - VOCs by SW8260B - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	9700	J	13000	3200	ug/kg dry	☼	11/16/11 12:47	11/16/11 21:01	100
Bromobenzene	<3200		13000	3200	ug/kg dry	☼	11/16/11 12:47	11/16/11 21:01	100
Bromochloromethane	<3200		13000	3200	ug/kg dry	☼	11/16/11 12:47	11/16/11 21:01	100
Bromodichloromethane	<3200		13000	3200	ug/kg dry	☼	11/16/11 12:47	11/16/11 21:01	100
Bromoform	<3200		13000	3200	ug/kg dry	☼	11/16/11 12:47	11/16/11 21:01	100
Bromomethane	<13000		32000	13000	ug/kg dry	☼	11/16/11 12:47	11/16/11 21:01	100
n-Butylbenzene	<3200		13000	3200	ug/kg dry	☼	11/16/11 12:47	11/16/11 21:01	100
sec-Butylbenzene	<3200		13000	3200	ug/kg dry	☼	11/16/11 12:47	11/16/11 21:01	100
tert-Butylbenzene	<3200		13000	3200	ug/kg dry	☼	11/16/11 12:47	11/16/11 21:01	100
Carbon Tetrachloride	<3200		13000	3200	ug/kg dry	☼	11/16/11 12:47	11/16/11 21:01	100
Chlorobenzene	<3200		13000	3200	ug/kg dry	☼	11/16/11 12:47	11/16/11 21:01	100
Chlorodibromomethane	<3200		13000	3200	ug/kg dry	☼	11/16/11 12:47	11/16/11 21:01	100
Chloroethane	<6400		13000	6400	ug/kg dry	☼	11/16/11 12:47	11/16/11 21:01	100
Chloroform	<3200		13000	3200	ug/kg dry	☼	11/16/11 12:47	11/16/11 21:01	100
Chloromethane	<6400		13000	6400	ug/kg dry	☼	11/16/11 12:47	11/16/11 21:01	100
2-Chlorotoluene	<6400		13000	6400	ug/kg dry	☼	11/16/11 12:47	11/16/11 21:01	100
4-Chlorotoluene	<3200		13000	3200	ug/kg dry	☼	11/16/11 12:47	11/16/11 21:01	100
1,2-Dibromo-3-chloropropane	<6400		13000	6400	ug/kg dry	☼	11/16/11 12:47	11/16/11 21:01	100
1,2-Dibromoethane (EDB)	<3200		13000	3200	ug/kg dry	☼	11/16/11 12:47	11/16/11 21:01	100
Dibromomethane	<3200		13000	3200	ug/kg dry	☼	11/16/11 12:47	11/16/11 21:01	100
1,2-Dichlorobenzene	<3200		13000	3200	ug/kg dry	☼	11/16/11 12:47	11/16/11 21:01	100
1,3-Dichlorobenzene	<3200		13000	3200	ug/kg dry	☼	11/16/11 12:47	11/16/11 21:01	100
1,4-Dichlorobenzene	<3200		13000	3200	ug/kg dry	☼	11/16/11 12:47	11/16/11 21:01	100
Dichlorodifluoromethane	<6400		13000	6400	ug/kg dry	☼	11/16/11 12:47	11/16/11 21:01	100
1,1-Dichloroethane	<3200		13000	3200	ug/kg dry	☼	11/16/11 12:47	11/16/11 21:01	100
1,2-Dichloroethane	<3200		13000	3200	ug/kg dry	☼	11/16/11 12:47	11/16/11 21:01	100
1,1-Dichloroethene	<3200		13000	3200	ug/kg dry	☼	11/16/11 12:47	11/16/11 21:01	100
cis-1,2-Dichloroethene	<3200		13000	3200	ug/kg dry	☼	11/16/11 12:47	11/16/11 21:01	100
trans-1,2-Dichloroethene	<3200		13000	3200	ug/kg dry	☼	11/16/11 12:47	11/16/11 21:01	100
1,2-Dichloropropane	<3200		13000	3200	ug/kg dry	☼	11/16/11 12:47	11/16/11 21:01	100
1,3-Dichloropropane	<3200		13000	3200	ug/kg dry	☼	11/16/11 12:47	11/16/11 21:01	100
2,2-Dichloropropane	<3200		13000	3200	ug/kg dry	☼	11/16/11 12:47	11/16/11 21:01	100
1,1-Dichloropropene	<3200		13000	3200	ug/kg dry	☼	11/16/11 12:47	11/16/11 21:01	100
cis-1,3-Dichloropropene	<3200		13000	3200	ug/kg dry	☼	11/16/11 12:47	11/16/11 21:01	100
trans-1,3-Dichloropropene	<3200		13000	3200	ug/kg dry	☼	11/16/11 12:47	11/16/11 21:01	100
Isopropyl Ether	<3200		13000	3200	ug/kg dry	☼	11/16/11 12:47	11/16/11 21:01	100
Ethylbenzene	7200	J	13000	3200	ug/kg dry	☼	11/16/11 12:47	11/16/11 21:01	100
Hexachlorobutadiene	<3200		13000	3200	ug/kg dry	☼	11/16/11 12:47	11/16/11 21:01	100
Isopropylbenzene	<3200		13000	3200	ug/kg dry	☼	11/16/11 12:47	11/16/11 21:01	100
p-Isopropyltoluene	<3200		13000	3200	ug/kg dry	☼	11/16/11 12:47	11/16/11 21:01	100
Methylene Chloride	<6400		13000	6400	ug/kg dry	☼	11/16/11 12:47	11/16/11 21:01	100
Methyl tert-Butyl Ether	<3200		13000	3200	ug/kg dry	☼	11/16/11 12:47	11/16/11 21:01	100
Naphthalene	75000		13000	6400	ug/kg dry	☼	11/16/11 12:47	11/16/11 21:01	100
n-Propylbenzene	<3200		13000	3200	ug/kg dry	☼	11/16/11 12:47	11/16/11 21:01	100
Styrene	<6400		13000	6400	ug/kg dry	☼	11/16/11 12:47	11/16/11 21:01	100
1,1,1,2-Tetrachloroethane	<3200		13000	3200	ug/kg dry	☼	11/16/11 12:47	11/16/11 21:01	100
1,1,1,2,2-Tetrachloroethane	<3200		13000	3200	ug/kg dry	☼	11/16/11 12:47	11/16/11 21:01	100
Tetrachloroethene	<3200		13000	3200	ug/kg dry	☼	11/16/11 12:47	11/16/11 21:01	100
Toluene	12000	J	13000	3200	ug/kg dry	☼	11/16/11 12:47	11/16/11 21:01	100
1,2,3-Trichlorobenzene	<3200		13000	3200	ug/kg dry	☼	11/16/11 12:47	11/16/11 21:01	100

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-19-11 8-10'

Lab Sample ID: WUK0392-05

Date Collected: 11/10/11 09:45

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 78.2

Method: SW 8260B - VOCs by SW8260B - RE1 (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<3200		13000	3200	ug/kg dry	☼	11/16/11 12:47	11/16/11 21:01	100
1,1,1-Trichloroethane	<3200		13000	3200	ug/kg dry	☼	11/16/11 12:47	11/16/11 21:01	100
1,1,2-Trichloroethane	<3200		13000	3200	ug/kg dry	☼	11/16/11 12:47	11/16/11 21:01	100
Trichloroethene	<3200		13000	3200	ug/kg dry	☼	11/16/11 12:47	11/16/11 21:01	100
Trichlorofluoromethane	<3200		13000	3200	ug/kg dry	☼	11/16/11 12:47	11/16/11 21:01	100
1,2,3-Trichloropropane	<6400		13000	6400	ug/kg dry	☼	11/16/11 12:47	11/16/11 21:01	100
1,2,4-Trimethylbenzene	9400	J	13000	3200	ug/kg dry	☼	11/16/11 12:47	11/16/11 21:01	100
1,3,5-Trimethylbenzene	5500	J	13000	3200	ug/kg dry	☼	11/16/11 12:47	11/16/11 21:01	100
Vinyl chloride	<3200		13000	3200	ug/kg dry	☼	11/16/11 12:47	11/16/11 21:01	100
Xylenes, total	33000	J	38000	9600	ug/kg dry	☼	11/16/11 12:47	11/16/11 21:01	100
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Dibromofluoromethane	95		80 - 120				11/16/11 12:47	11/16/11 21:01	100
Toluene-d8	99		80 - 120				11/16/11 12:47	11/16/11 21:01	100
4-Bromofluorobenzene	98		80 - 120				11/16/11 12:47	11/16/11 21:01	100

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	67		2.1	0.63	mg/Kg	☼	11/20/11 21:23	11/27/11 00:03	50
Acenaphthylene	17		2.1	0.48	mg/Kg	☼	11/20/11 21:23	11/27/11 00:03	50
Benzo[a]pyrene	160		2.1	0.38	mg/Kg	☼	11/20/11 21:23	11/27/11 00:03	50
Benzo[g,h,i]perylene	110		2.1	0.71	mg/Kg	☼	11/20/11 21:23	11/27/11 00:03	50
Benzo[k]fluoranthene	22		2.1	0.50	mg/Kg	☼	11/20/11 21:23	11/27/11 00:03	50
Chrysene	170		2.1	0.47	mg/Kg	☼	11/20/11 21:23	11/27/11 00:03	50
Dibenz(a,h)anthracene	47		2.1	0.59	mg/Kg	☼	11/20/11 21:23	11/27/11 00:03	50
Fluorene	130		2.1	0.48	mg/Kg	☼	11/20/11 21:23	11/27/11 00:03	50
Indeno[1,2,3-cd]pyrene	93		2.1	0.71	mg/Kg	☼	11/20/11 21:23	11/27/11 00:03	50
2-Methylnaphthalene	150		11	2.7	mg/Kg	☼	11/20/11 21:23	11/27/11 00:03	50
1-Methylnaphthalene	62		2.1	1.0	mg/Kg	☼	11/20/11 21:23	11/27/11 00:03	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	0	D	27 - 113				11/20/11 21:23	11/27/11 00:03	50
Nitrobenzene-d5	0	D	22 - 110				11/20/11 21:23	11/27/11 00:03	50
Terphenyl-d14	0	D	33 - 129				11/20/11 21:23	11/27/11 00:03	50

Method: 8270C - Semivolatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	680		21	4.9	mg/Kg	☼	11/20/11 21:23	11/27/11 00:23	500
Benzo[a]anthracene	190		21	4.4	mg/Kg	☼	11/20/11 21:23	11/27/11 00:23	500
Benzo[b]fluoranthene	260		21	4.1	mg/Kg	☼	11/20/11 21:23	11/27/11 00:23	500
Fluoranthene	390		21	8.6	mg/Kg	☼	11/20/11 21:23	11/27/11 00:23	500
Naphthalene	890		21	4.0	mg/Kg	☼	11/20/11 21:23	11/27/11 00:23	500
Phenanthrene	480		21	8.8	mg/Kg	☼	11/20/11 21:23	11/27/11 00:23	500
Pyrene	300		21	7.6	mg/Kg	☼	11/20/11 21:23	11/27/11 00:23	500

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0074		0.021	0.0074	mg/Kg	☼	11/21/11 19:46	11/23/11 04:58	1
PCB-1221	<0.017		0.021	0.017	mg/Kg	☼	11/21/11 19:46	11/23/11 04:58	1
PCB-1232	<0.0080		0.021	0.0080	mg/Kg	☼	11/21/11 19:46	11/23/11 04:58	1
PCB-1242	<0.0099		0.021	0.0099	mg/Kg	☼	11/21/11 19:46	11/23/11 04:58	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-19-11 8-10'

Lab Sample ID: WUK0392-05

Date Collected: 11/10/11 09:45

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 78.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	<0.0075		0.021	0.0075	mg/Kg	☼	11/21/11 19:46	11/23/11 04:58	1
PCB-1254	<0.0059		0.021	0.0059	mg/Kg	☼	11/21/11 19:46	11/23/11 04:58	1
PCB-1260	<0.0048		0.021	0.0048	mg/Kg	☼	11/21/11 19:46	11/23/11 04:58	1
Polychlorinated biphenyls, Total	<0.0032		0.021	0.0032	mg/Kg	☼	11/21/11 19:46	11/23/11 04:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	74		28 - 124				11/21/11 19:46	11/23/11 04:58	1
DCB Decachlorobiphenyl	105		38 - 130				11/21/11 19:46	11/23/11 04:58	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.0		1.2	0.16	mg/Kg	☼	11/20/11 15:25	11/21/11 13:28	1
Barium	96		1.2	0.066	mg/Kg	☼	11/20/11 15:25	11/21/11 13:28	1
Cadmium	0.43		0.23	0.032	mg/Kg	☼	11/20/11 15:25	11/21/11 13:28	1
Chromium	28		1.2	0.10	mg/Kg	☼	11/20/11 15:25	11/21/11 13:28	1
Lead	17	B	0.59	0.28	mg/Kg	☼	11/20/11 15:25	11/21/11 13:28	1
Selenium	<0.33		1.2	0.33	mg/Kg	☼	11/20/11 15:25	11/21/11 13:28	1
Silver	<0.074		0.59	0.074	mg/Kg	☼	11/20/11 15:25	11/21/11 13:28	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.69		0.099	0.030	mg/Kg	☼	11/23/11 08:15	11/23/11 13:18	5

Client Sample ID: B-38 0-2'

Lab Sample ID: WUK0392-06

Date Collected: 11/10/11 09:50

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 89.4

Method: SW 8260B - VOCs by SW8260B - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 14:40	1.0
Bromobenzene	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 14:40	1.0
Bromochloromethane	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 14:40	1.0
Bromodichloromethane	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 14:40	1.0
Bromoform	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 14:40	1.0
Bromomethane	<110		280	110	ug/kg dry	☼	11/16/11 12:47	11/16/11 14:40	1.0
n-Butylbenzene	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 14:40	1.0
sec-Butylbenzene	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 14:40	1.0
tert-Butylbenzene	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 14:40	1.0
Carbon Tetrachloride	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 14:40	1.0
Chlorobenzene	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 14:40	1.0
Chlorodibromomethane	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 14:40	1.0
Chloroethane	<56		110	56	ug/kg dry	☼	11/16/11 12:47	11/16/11 14:40	1.0
Chloroform	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 14:40	1.0
Chloromethane	<56		110	56	ug/kg dry	☼	11/16/11 12:47	11/16/11 14:40	1.0
2-Chlorotoluene	<56		110	56	ug/kg dry	☼	11/16/11 12:47	11/16/11 14:40	1.0
4-Chlorotoluene	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 14:40	1.0
1,2-Dibromo-3-chloropropane	<56		110	56	ug/kg dry	☼	11/16/11 12:47	11/16/11 14:40	1.0
1,2-Dibromoethane (EDB)	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 14:40	1.0
Dibromomethane	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 14:40	1.0
1,2-Dichlorobenzene	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 14:40	1.0

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-38 0-2'

Lab Sample ID: WUK0392-06

Date Collected: 11/10/11 09:50

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 89.4

Method: SW 8260B - VOCs by SW8260B - RE1 (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 14:40	1.0
1,4-Dichlorobenzene	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 14:40	1.0
Dichlorodifluoromethane	<56		110	56	ug/kg dry	☼	11/16/11 12:47	11/16/11 14:40	1.0
1,1-Dichloroethane	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 14:40	1.0
1,2-Dichloroethane	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 14:40	1.0
1,1-Dichloroethene	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 14:40	1.0
cis-1,2-Dichloroethene	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 14:40	1.0
trans-1,2-Dichloroethene	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 14:40	1.0
1,2-Dichloropropane	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 14:40	1.0
1,3-Dichloropropane	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 14:40	1.0
2,2-Dichloropropane	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 14:40	1.0
1,1-Dichloropropene	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 14:40	1.0
cis-1,3-Dichloropropene	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 14:40	1.0
trans-1,3-Dichloropropene	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 14:40	1.0
Isopropyl Ether	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 14:40	1.0
Ethylbenzene	50	J	110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 14:40	1.0
Hexachlorobutadiene	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 14:40	1.0
Isopropylbenzene	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 14:40	1.0
p-Isopropyltoluene	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 14:40	1.0
Methylene Chloride	<56		110	56	ug/kg dry	☼	11/16/11 12:47	11/16/11 14:40	1.0
Methyl tert-Butyl Ether	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 14:40	1.0
Naphthalene	1500		110	56	ug/kg dry	☼	11/16/11 12:47	11/16/11 14:40	1.0
n-Propylbenzene	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 14:40	1.0
Styrene	<56		110	56	ug/kg dry	☼	11/16/11 12:47	11/16/11 14:40	1.0
1,1,1,2-Tetrachloroethane	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 14:40	1.0
1,1,1,2,2-Tetrachloroethane	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 14:40	1.0
Tetrachloroethene	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 14:40	1.0
Toluene	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 14:40	1.0
1,2,3-Trichlorobenzene	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 14:40	1.0
1,2,4-Trichlorobenzene	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 14:40	1.0
1,1,1-Trichloroethane	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 14:40	1.0
1,1,2-Trichloroethane	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 14:40	1.0
Trichloroethene	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 14:40	1.0
Trichlorofluoromethane	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 14:40	1.0
1,2,3-Trichloropropane	<56		110	56	ug/kg dry	☼	11/16/11 12:47	11/16/11 14:40	1.0
1,2,4-Trimethylbenzene	61	J	110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 14:40	1.0
1,3,5-Trimethylbenzene	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 14:40	1.0
Vinyl chloride	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 14:40	1.0
Xylenes, total	97	J	340	84	ug/kg dry	☼	11/16/11 12:47	11/16/11 14:40	1.0
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Dibromofluoromethane	96		80 - 120				11/16/11 12:47	11/16/11 14:40	1.0
Toluene-d8	100		80 - 120				11/16/11 12:47	11/16/11 14:40	1.0
4-Bromofluorobenzene	98		80 - 120				11/16/11 12:47	11/16/11 14:40	1.0

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	8.3		0.36	0.11	mg/Kg	☼	11/20/11 21:23	11/23/11 19:42	10
Acenaphthylene	0.88		0.36	0.083	mg/Kg	☼	11/20/11 21:23	11/23/11 19:42	10
Anthracene	20		0.36	0.085	mg/Kg	☼	11/20/11 21:23	11/23/11 19:42	10
Dibenz(a,h)anthracene	11		0.36	0.10	mg/Kg	☼	11/20/11 21:23	11/23/11 19:42	10

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-38 0-2'

Lab Sample ID: WUK0392-06

Date Collected: 11/10/11 09:50

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 89.4

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	11		0.36	0.082	mg/Kg	☼	11/20/11 21:23	11/23/11 19:42	10
Naphthalene	10		0.36	0.070	mg/Kg	☼	11/20/11 21:23	11/23/11 19:42	10
2-Methylnaphthalene	2.5		1.8	0.47	mg/Kg	☼	11/20/11 21:23	11/23/11 19:42	10
1-Methylnaphthalene	3.9		0.36	0.18	mg/Kg	☼	11/20/11 21:23	11/23/11 19:42	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	130	X	27 - 113				11/20/11 21:23	11/23/11 19:42	10
Nitrobenzene-d5	74		22 - 110				11/20/11 21:23	11/23/11 19:42	10
Terphenyl-d14	148	X	33 - 129				11/20/11 21:23	11/23/11 19:42	10

Method: 8270C - Semivolatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	55		9.0	1.9	mg/Kg	☼	11/20/11 21:23	11/27/11 00:45	250
Benzo[a]pyrene	73		9.0	1.7	mg/Kg	☼	11/20/11 21:23	11/27/11 00:45	250
Benzo[b]fluoranthene	85		9.0	1.8	mg/Kg	☼	11/20/11 21:23	11/27/11 00:45	250
Benzo[g,h,i]perylene	48		9.0	3.1	mg/Kg	☼	11/20/11 21:23	11/27/11 00:45	250
Benzo[k]fluoranthene	32		9.0	2.2	mg/Kg	☼	11/20/11 21:23	11/27/11 00:45	250
Chrysene	57		9.0	2.0	mg/Kg	☼	11/20/11 21:23	11/27/11 00:45	250
Fluoranthene	89		9.0	3.7	mg/Kg	☼	11/20/11 21:23	11/27/11 00:45	250
Indeno[1,2,3-cd]pyrene	42		9.0	3.1	mg/Kg	☼	11/20/11 21:23	11/27/11 00:45	250
Phenanthrene	51		9.0	3.8	mg/Kg	☼	11/20/11 21:23	11/27/11 00:45	250
Pyrene	72		9.0	3.3	mg/Kg	☼	11/20/11 21:23	11/27/11 00:45	250

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0067		0.019	0.0067	mg/Kg	☼	11/21/11 19:46	11/23/11 05:12	1
PCB-1221	<0.015		0.019	0.015	mg/Kg	☼	11/21/11 19:46	11/23/11 05:12	1
PCB-1232	<0.0072		0.019	0.0072	mg/Kg	☼	11/21/11 19:46	11/23/11 05:12	1
PCB-1242	<0.0089		0.019	0.0089	mg/Kg	☼	11/21/11 19:46	11/23/11 05:12	1
PCB-1248	<0.0068		0.019	0.0068	mg/Kg	☼	11/21/11 19:46	11/23/11 05:12	1
PCB-1254	0.027		0.019	0.0053	mg/Kg	☼	11/21/11 19:46	11/23/11 05:12	1
PCB-1260	<0.0043		0.019	0.0043	mg/Kg	☼	11/21/11 19:46	11/23/11 05:12	1
Polychlorinated biphenyls, Total	0.027		0.019	0.0029	mg/Kg	☼	11/21/11 19:46	11/23/11 05:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	90		28 - 124				11/21/11 19:46	11/23/11 05:12	1
DCB Decachlorobiphenyl	109		38 - 130				11/21/11 19:46	11/23/11 05:12	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.0		0.94	0.13	mg/Kg	☼	11/20/11 15:25	11/21/11 13:49	1
Barium	14		0.94	0.053	mg/Kg	☼	11/20/11 15:25	11/21/11 13:49	1
Cadmium	0.73		0.19	0.025	mg/Kg	☼	11/20/11 15:25	11/21/11 13:49	1
Chromium	23		0.94	0.080	mg/Kg	☼	11/20/11 15:25	11/21/11 13:49	1
Lead	40	B	0.47	0.23	mg/Kg	☼	11/20/11 15:25	11/21/11 13:49	1
Selenium	<0.26		0.94	0.26	mg/Kg	☼	11/20/11 15:25	11/21/11 13:49	1
Silver	0.24	J	0.47	0.059	mg/Kg	☼	11/20/11 15:25	11/21/11 13:49	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0055		0.018	0.0055	mg/Kg	☼	11/23/11 08:15	11/23/11 11:28	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-15-11 0-2'

Lab Sample ID: WUK0392-07

Date Collected: 11/10/11 10:00

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 87

Method: SW 8260B - VOCs by SW8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<29		110	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 19:39	1.0
Bromobenzene	<29		110	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 19:39	1.0
Bromochloromethane	<29		110	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 19:39	1.0
Bromodichloromethane	<29		110	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 19:39	1.0
Bromoform	<29		110	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 19:39	1.0
Bromomethane	<110		290	110	ug/kg dry	☼	11/15/11 11:55	11/15/11 19:39	1.0
n-Butylbenzene	<29		110	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 19:39	1.0
sec-Butylbenzene	<29		110	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 19:39	1.0
tert-Butylbenzene	<29		110	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 19:39	1.0
Carbon Tetrachloride	<29		110	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 19:39	1.0
Chlorobenzene	<29		110	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 19:39	1.0
Chlorodibromomethane	<29		110	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 19:39	1.0
Chloroethane	<57		110	57	ug/kg dry	☼	11/15/11 11:55	11/15/11 19:39	1.0
Chloroform	<29		110	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 19:39	1.0
Chloromethane	<57		110	57	ug/kg dry	☼	11/15/11 11:55	11/15/11 19:39	1.0
2-Chlorotoluene	<57		110	57	ug/kg dry	☼	11/15/11 11:55	11/15/11 19:39	1.0
4-Chlorotoluene	<29		110	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 19:39	1.0
1,2-Dibromo-3-chloropropane	<57		110	57	ug/kg dry	☼	11/15/11 11:55	11/15/11 19:39	1.0
1,2-Dibromoethane (EDB)	<29		110	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 19:39	1.0
Dibromomethane	<29		110	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 19:39	1.0
1,2-Dichlorobenzene	<29		110	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 19:39	1.0
1,3-Dichlorobenzene	<29		110	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 19:39	1.0
1,4-Dichlorobenzene	<29		110	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 19:39	1.0
Dichlorodifluoromethane	<57		110	57	ug/kg dry	☼	11/15/11 11:55	11/15/11 19:39	1.0
1,1-Dichloroethane	<29		110	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 19:39	1.0
1,2-Dichloroethane	<29		110	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 19:39	1.0
1,1-Dichloroethene	<29		110	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 19:39	1.0
cis-1,2-Dichloroethene	<29		110	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 19:39	1.0
trans-1,2-Dichloroethene	<29		110	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 19:39	1.0
1,2-Dichloropropane	<29		110	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 19:39	1.0
1,3-Dichloropropane	<29		110	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 19:39	1.0
2,2-Dichloropropane	<29		110	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 19:39	1.0
1,1-Dichloropropene	<29		110	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 19:39	1.0
cis-1,3-Dichloropropene	<29		110	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 19:39	1.0
trans-1,3-Dichloropropene	<29		110	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 19:39	1.0
Isopropyl Ether	<29		110	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 19:39	1.0
Ethylbenzene	<29		110	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 19:39	1.0
Hexachlorobutadiene	<29		110	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 19:39	1.0
Isopropylbenzene	<29		110	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 19:39	1.0
p-Isopropyltoluene	<29		110	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 19:39	1.0
Methylene Chloride	<57		110	57	ug/kg dry	☼	11/15/11 11:55	11/15/11 19:39	1.0
Methyl tert-Butyl Ether	<29		110	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 19:39	1.0
Naphthalene	<57		110	57	ug/kg dry	☼	11/15/11 11:55	11/15/11 19:39	1.0
n-Propylbenzene	<29		110	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 19:39	1.0
Styrene	<57		110	57	ug/kg dry	☼	11/15/11 11:55	11/15/11 19:39	1.0
1,1,1,2-Tetrachloroethane	<29		110	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 19:39	1.0
1,1,2,2-Tetrachloroethane	<29		110	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 19:39	1.0
Tetrachloroethene	<29		110	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 19:39	1.0
Toluene	<29		110	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 19:39	1.0
1,2,3-Trichlorobenzene	<29		110	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 19:39	1.0

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-15-11 0-2'

Lab Sample ID: WUK0392-07

Date Collected: 11/10/11 10:00

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 87

Method: SW 8260B - VOCs by SW8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<29		110	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 19:39	1.0
1,1,1-Trichloroethane	<29		110	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 19:39	1.0
1,1,2-Trichloroethane	<29		110	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 19:39	1.0
Trichloroethene	<29		110	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 19:39	1.0
Trichlorofluoromethane	<29		110	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 19:39	1.0
1,2,3-Trichloropropane	<57		110	57	ug/kg dry	☼	11/15/11 11:55	11/15/11 19:39	1.0
1,2,4-Trimethylbenzene	<29		110	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 19:39	1.0
1,3,5-Trimethylbenzene	<29		110	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 19:39	1.0
Vinyl chloride	<29		110	29	ug/kg dry	☼	11/15/11 11:55	11/15/11 19:39	1.0
Xylenes, total	<86		340	86	ug/kg dry	☼	11/15/11 11:55	11/15/11 19:39	1.0
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Dibromofluoromethane	85		80 - 120				11/15/11 11:55	11/15/11 19:39	1.0
Toluene-d8	98		80 - 120				11/15/11 11:55	11/15/11 19:39	1.0
4-Bromofluorobenzene	98		80 - 120				11/15/11 11:55	11/15/11 19:39	1.0

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.043		0.19	0.043	mg/Kg	☼	11/20/11 21:23	11/22/11 22:53	1
1,2-Dichlorobenzene	<0.042		0.19	0.042	mg/Kg	☼	11/20/11 21:23	11/22/11 22:53	1
1,3-Dichlorobenzene	<0.040		0.19	0.040	mg/Kg	☼	11/20/11 21:23	11/22/11 22:53	1
1,4-Dichlorobenzene	<0.040		0.19	0.040	mg/Kg	☼	11/20/11 21:23	11/22/11 22:53	1
2,4,5-Trichlorophenol	<0.11		0.38	0.11	mg/Kg	☼	11/20/11 21:23	11/22/11 22:53	1
2,4,6-Trichlorophenol	<0.048		0.38	0.048	mg/Kg	☼	11/20/11 21:23	11/22/11 22:53	1
2,4-Dichlorophenol	<0.12		0.38	0.12	mg/Kg	☼	11/20/11 21:23	11/22/11 22:53	1
2,4-Dimethylphenol	<0.12		0.38	0.12	mg/Kg	☼	11/20/11 21:23	11/22/11 22:53	1
2,4-Dinitrophenol	<0.19		0.77	0.19	mg/Kg	☼	11/20/11 21:23	11/22/11 22:53	1
2,4-Dinitrotoluene	<0.058		0.19	0.058	mg/Kg	☼	11/20/11 21:23	11/22/11 22:53	1
2,6-Dinitrotoluene	<0.045		0.19	0.045	mg/Kg	☼	11/20/11 21:23	11/22/11 22:53	1
2-Chloronaphthalene	<0.043		0.19	0.043	mg/Kg	☼	11/20/11 21:23	11/22/11 22:53	1
2-Chlorophenol	<0.054		0.19	0.054	mg/Kg	☼	11/20/11 21:23	11/22/11 22:53	1
2-Methylnaphthalene	<0.049		0.19	0.049	mg/Kg	☼	11/20/11 21:23	11/22/11 22:53	1
2-Methylphenol	<0.051		0.19	0.051	mg/Kg	☼	11/20/11 21:23	11/22/11 22:53	1
2-Nitroaniline	<0.069		0.19	0.069	mg/Kg	☼	11/20/11 21:23	11/22/11 22:53	1
2-Nitrophenol	<0.060		0.38	0.060	mg/Kg	☼	11/20/11 21:23	11/22/11 22:53	1
3 & 4 Methylphenol	<0.072		0.19	0.072	mg/Kg	☼	11/20/11 21:23	11/22/11 22:53	1
3,3'-Dichlorobenzidine	<0.032		0.19	0.032	mg/Kg	☼	11/20/11 21:23	11/22/11 22:53	1
3-Nitroaniline	<0.073		0.38	0.073	mg/Kg	☼	11/20/11 21:23	11/22/11 22:53	1
4,6-Dinitro-2-methylphenol	<0.092		0.38	0.092	mg/Kg	☼	11/20/11 21:23	11/22/11 22:53	1
4-Bromophenyl phenyl ether	<0.043		0.19	0.043	mg/Kg	☼	11/20/11 21:23	11/22/11 22:53	1
4-Chloro-3-methylphenol	<0.18		0.38	0.18	mg/Kg	☼	11/20/11 21:23	11/22/11 22:53	1
4-Chloroaniline	<0.12		0.77	0.12	mg/Kg	☼	11/20/11 21:23	11/22/11 22:53	1
4-Chlorophenyl phenyl ether	<0.060		0.19	0.060	mg/Kg	☼	11/20/11 21:23	11/22/11 22:53	1
4-Nitroaniline	<0.078		0.38	0.078	mg/Kg	☼	11/20/11 21:23	11/22/11 22:53	1
4-Nitrophenol	<0.21		0.77	0.21	mg/Kg	☼	11/20/11 21:23	11/22/11 22:53	1
Acenaphthene	0.019	J	0.038	0.011	mg/Kg	☼	11/20/11 21:23	11/22/11 22:53	1
Acenaphthylene	0.012	J	0.038	0.0087	mg/Kg	☼	11/20/11 21:23	11/22/11 22:53	1
Anthracene	0.055		0.038	0.0089	mg/Kg	☼	11/20/11 21:23	11/22/11 22:53	1
Benzo[a]anthracene	0.21		0.038	0.0080	mg/Kg	☼	11/20/11 21:23	11/22/11 22:53	1
Benzo[a]pyrene	0.23		0.038	0.0069	mg/Kg	☼	11/20/11 21:23	11/22/11 22:53	1
Benzo[b]fluoranthene	0.28		0.038	0.0074	mg/Kg	☼	11/20/11 21:23	11/22/11 22:53	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-15-11 0-2'

Lab Sample ID: WUK0392-07

Date Collected: 11/10/11 10:00

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 87.0

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[g,h,i]perylene	0.17		0.038	0.013	mg/Kg	☼	11/20/11 21:23	11/22/11 22:53	1
Benzo[k]fluoranthene	0.12		0.038	0.0091	mg/Kg	☼	11/20/11 21:23	11/22/11 22:53	1
bis (2-chloroisopropyl) ether	<0.042		0.19	0.042	mg/Kg	☼	11/20/11 21:23	11/22/11 22:53	1
Bis(2-chloroethoxy)methane	<0.042		0.19	0.042	mg/Kg	☼	11/20/11 21:23	11/22/11 22:53	1
Bis(2-chloroethyl)ether	<0.056		0.19	0.056	mg/Kg	☼	11/20/11 21:23	11/22/11 22:53	1
Bis(2-ethylhexyl) phthalate	<0.050		0.19	0.050	mg/Kg	☼	11/20/11 21:23	11/22/11 22:53	1
Butyl benzyl phthalate	<0.048		0.19	0.048	mg/Kg	☼	11/20/11 21:23	11/22/11 22:53	1
Carbazole	<0.054		0.19	0.054	mg/Kg	☼	11/20/11 21:23	11/22/11 22:53	1
Chrysene	0.23		0.038	0.0086	mg/Kg	☼	11/20/11 21:23	11/22/11 22:53	1
Dibenz(a,h)anthracene	0.060		0.038	0.011	mg/Kg	☼	11/20/11 21:23	11/22/11 22:53	1
Dibenzofuran	<0.046		0.19	0.046	mg/Kg	☼	11/20/11 21:23	11/22/11 22:53	1
Diethyl phthalate	<0.063		0.19	0.063	mg/Kg	☼	11/20/11 21:23	11/22/11 22:53	1
Dimethyl phthalate	<0.048		0.19	0.048	mg/Kg	☼	11/20/11 21:23	11/22/11 22:53	1
Di-n-butyl phthalate	<0.048		0.19	0.048	mg/Kg	☼	11/20/11 21:23	11/22/11 22:53	1
Di-n-octyl phthalate	<0.077		0.19	0.077	mg/Kg	☼	11/20/11 21:23	11/22/11 22:53	1
Fluoranthene	0.38		0.038	0.016	mg/Kg	☼	11/20/11 21:23	11/22/11 22:53	1
Fluorene	0.019 J		0.038	0.0087	mg/Kg	☼	11/20/11 21:23	11/22/11 22:53	1
Hexachlorobenzene	<0.0075		0.077	0.0075	mg/Kg	☼	11/20/11 21:23	11/22/11 22:53	1
Hexachlorobutadiene	<0.050		0.19	0.050	mg/Kg	☼	11/20/11 21:23	11/22/11 22:53	1
Hexachlorocyclopentadiene	<0.18		0.77	0.18	mg/Kg	☼	11/20/11 21:23	11/22/11 22:53	1
Hexachloroethane	<0.041		0.19	0.041	mg/Kg	☼	11/20/11 21:23	11/22/11 22:53	1
Indeno[1,2,3-cd]pyrene	0.14		0.038	0.013	mg/Kg	☼	11/20/11 21:23	11/22/11 22:53	1
Isophorone	<0.042		0.19	0.042	mg/Kg	☼	11/20/11 21:23	11/22/11 22:53	1
Naphthalene	0.012 J		0.038	0.0073	mg/Kg	☼	11/20/11 21:23	11/22/11 22:53	1
Nitrobenzene	<0.012		0.038	0.012	mg/Kg	☼	11/20/11 21:23	11/22/11 22:53	1
N-Nitrosodimethylamine	<0.42		0.77	0.42	mg/Kg	☼	11/20/11 21:23	11/22/11 22:53	1
N-Nitrosodi-n-propylamine	<0.048		0.19	0.048	mg/Kg	☼	11/20/11 21:23	11/22/11 22:53	1
Pentachlorophenol	<0.19		0.77	0.19	mg/Kg	☼	11/20/11 21:23	11/22/11 22:53	1
Phenanthrene	0.13		0.038	0.016	mg/Kg	☼	11/20/11 21:23	11/22/11 22:53	1
Phenol	<0.060		0.19	0.060	mg/Kg	☼	11/20/11 21:23	11/22/11 22:53	1
Pyrene	0.28		0.038	0.014	mg/Kg	☼	11/20/11 21:23	11/22/11 22:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	99		30 - 137	11/20/11 21:23	11/22/11 22:53	1
2-Fluorobiphenyl	94		27 - 113	11/20/11 21:23	11/22/11 22:53	1
2-Fluorophenol	74		30 - 110	11/20/11 21:23	11/22/11 22:53	1
Nitrobenzene-d5	94		22 - 110	11/20/11 21:23	11/22/11 22:53	1
Phenol-d5	92		26 - 112	11/20/11 21:23	11/22/11 22:53	1
Terphenyl-d14	80		33 - 129	11/20/11 21:23	11/22/11 22:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.066		0.18	0.066	mg/Kg	☼	11/21/11 19:46	11/23/11 09:55	10
PCB-1221	<0.15		0.18	0.15	mg/Kg	☼	11/21/11 19:46	11/23/11 09:55	10
PCB-1232	<0.072		0.18	0.072	mg/Kg	☼	11/21/11 19:46	11/23/11 09:55	10
PCB-1242	<0.088		0.18	0.088	mg/Kg	☼	11/21/11 19:46	11/23/11 09:55	10
PCB-1248	1.1		0.18	0.067	mg/Kg	☼	11/21/11 19:46	11/23/11 09:55	10
PCB-1254	0.60		0.18	0.053	mg/Kg	☼	11/21/11 19:46	11/23/11 09:55	10
PCB-1260	<0.043		0.18	0.043	mg/Kg	☼	11/21/11 19:46	11/23/11 09:55	10
Polychlorinated biphenyls, Total	1.7		0.18	0.029	mg/Kg	☼	11/21/11 19:46	11/23/11 09:55	10

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-15-11 0-2'

Lab Sample ID: WUK0392-07

Date Collected: 11/10/11 10:00

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 87.0

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	116		28 - 124	11/21/11 19:46	11/23/11 09:55	10
DCB Decachlorobiphenyl	125		38 - 130	11/21/11 19:46	11/23/11 09:55	10

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.8		1.0	0.15	mg/Kg	☼	11/20/11 15:25	11/21/11 13:55	1
Barium	150		1.0	0.058	mg/Kg	☼	11/20/11 15:25	11/21/11 13:55	1
Cadmium	0.88		0.21	0.028	mg/Kg	☼	11/20/11 15:25	11/21/11 13:55	1
Chromium	23		1.0	0.088	mg/Kg	☼	11/20/11 15:25	11/21/11 13:55	1
Lead	30	B	0.52	0.25	mg/Kg	☼	11/20/11 15:25	11/21/11 13:55	1
Selenium	<0.29		1.0	0.29	mg/Kg	☼	11/20/11 15:25	11/21/11 13:55	1
Silver	0.10	J	0.52	0.065	mg/Kg	☼	11/20/11 15:25	11/21/11 13:55	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.030		0.018	0.0055	mg/Kg	☼	11/23/11 08:15	11/23/11 11:30	1

Client Sample ID: B-15-11 4-6'

Lab Sample ID: WUK0392-08

Date Collected: 11/10/11 10:05

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 83

Method: SW 8260B - VOCs by SW8260B - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<60		240	60	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:39	2.0
Bromobenzene	<60		240	60	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:39	2.0
Bromochloromethane	<60		240	60	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:39	2.0
Bromodichloromethane	<60		240	60	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:39	2.0
Bromoform	<60		240	60	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:39	2.0
Bromomethane	<240		600	240	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:39	2.0
n-Butylbenzene	<60		240	60	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:39	2.0
sec-Butylbenzene	<60		240	60	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:39	2.0
tert-Butylbenzene	<60		240	60	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:39	2.0
Carbon Tetrachloride	<60		240	60	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:39	2.0
Chlorobenzene	<60		240	60	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:39	2.0
Chlorodibromomethane	<60		240	60	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:39	2.0
Chloroethane	<120		240	120	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:39	2.0
Chloroform	<60		240	60	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:39	2.0
Chloromethane	<120		240	120	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:39	2.0
2-Chlorotoluene	<120		240	120	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:39	2.0
4-Chlorotoluene	<60		240	60	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:39	2.0
1,2-Dibromo-3-chloropropane	<120		240	120	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:39	2.0
1,2-Dibromoethane (EDB)	<60		240	60	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:39	2.0
Dibromomethane	<60		240	60	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:39	2.0
1,2-Dichlorobenzene	<60		240	60	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:39	2.0
1,3-Dichlorobenzene	<60		240	60	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:39	2.0
1,4-Dichlorobenzene	<60		240	60	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:39	2.0
Dichlorodifluoromethane	<120		240	120	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:39	2.0
1,1-Dichloroethane	<60		240	60	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:39	2.0
1,2-Dichloroethane	<60		240	60	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:39	2.0
1,1-Dichloroethene	<60		240	60	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:39	2.0

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-15-11 4-6'

Lab Sample ID: WUK0392-08

Date Collected: 11/10/11 10:05

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 83

Method: SW 8260B - VOCs by SW8260B - RE1 (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	<60		240	60	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:39	2.0
trans-1,2-Dichloroethene	<60		240	60	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:39	2.0
1,2-Dichloropropane	<60		240	60	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:39	2.0
1,3-Dichloropropane	<60		240	60	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:39	2.0
2,2-Dichloropropane	<60		240	60	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:39	2.0
1,1-Dichloropropene	<60		240	60	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:39	2.0
cis-1,3-Dichloropropene	<60		240	60	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:39	2.0
trans-1,3-Dichloropropene	<60		240	60	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:39	2.0
Isopropyl Ether	<60		240	60	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:39	2.0
Ethylbenzene	<60		240	60	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:39	2.0
Hexachlorobutadiene	<60		240	60	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:39	2.0
Isopropylbenzene	<60		240	60	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:39	2.0
p-Isopropyltoluene	<60		240	60	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:39	2.0
Methylene Chloride	<120		240	120	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:39	2.0
Methyl tert-Butyl Ether	<60		240	60	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:39	2.0
Naphthalene	10000		240	120	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:39	2.0
n-Propylbenzene	<60		240	60	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:39	2.0
Styrene	<120		240	120	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:39	2.0
1,1,1,2-Tetrachloroethane	<60		240	60	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:39	2.0
1,1,2,2-Tetrachloroethane	<60		240	60	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:39	2.0
Tetrachloroethene	<60		240	60	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:39	2.0
Toluene	<60		240	60	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:39	2.0
1,2,3-Trichlorobenzene	<60		240	60	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:39	2.0
1,2,4-Trichlorobenzene	<60		240	60	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:39	2.0
1,1,1-Trichloroethane	<60		240	60	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:39	2.0
1,1,2-Trichloroethane	<60		240	60	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:39	2.0
Trichloroethene	<60		240	60	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:39	2.0
Trichlorofluoromethane	<60		240	60	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:39	2.0
1,2,3-Trichloropropane	<120		240	120	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:39	2.0
1,2,4-Trimethylbenzene	73 J		240	60	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:39	2.0
1,3,5-Trimethylbenzene	<60		240	60	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:39	2.0
Vinyl chloride	<60		240	60	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:39	2.0
Xylenes, total	<180		720	180	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:39	2.0

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane	99		80 - 120	11/16/11 12:47	11/16/11 19:39	2.0
Toluene-d8	98		80 - 120	11/16/11 12:47	11/16/11 19:39	2.0
4-Bromofluorobenzene	99		80 - 120	11/16/11 12:47	11/16/11 19:39	2.0

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<2.3		10	2.3	mg/Kg	☼	11/20/11 21:23	11/22/11 23:14	50
1,2-Dichlorobenzene	<2.2		10	2.2	mg/Kg	☼	11/20/11 21:23	11/22/11 23:14	50
1,3-Dichlorobenzene	<2.1		10	2.1	mg/Kg	☼	11/20/11 21:23	11/22/11 23:14	50
1,4-Dichlorobenzene	<2.1		10	2.1	mg/Kg	☼	11/20/11 21:23	11/22/11 23:14	50
2,4,5-Trichlorophenol	<5.7		20	5.7	mg/Kg	☼	11/20/11 21:23	11/22/11 23:14	50
2,4,6-Trichlorophenol	<2.5		20	2.5	mg/Kg	☼	11/20/11 21:23	11/22/11 23:14	50
2,4-Dichlorophenol	<6.1		20	6.1	mg/Kg	☼	11/20/11 21:23	11/22/11 23:14	50
2,4-Dimethylphenol	<6.3		20	6.3	mg/Kg	☼	11/20/11 21:23	11/22/11 23:14	50
2,4-Dinitrophenol	<10		40	10	mg/Kg	☼	11/20/11 21:23	11/22/11 23:14	50
2,4-Dinitrotoluene	<3.1		10	3.1	mg/Kg	☼	11/20/11 21:23	11/22/11 23:14	50

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-15-11 4-6'

Lab Sample ID: WUK0392-08

Date Collected: 11/10/11 10:05

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 83.0

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,6-Dinitrotoluene	<2.4		10	2.4	mg/Kg	☼	11/20/11 21:23	11/22/11 23:14	50
2-Chloronaphthalene	<2.3		10	2.3	mg/Kg	☼	11/20/11 21:23	11/22/11 23:14	50
2-Chlorophenol	<2.9		10	2.9	mg/Kg	☼	11/20/11 21:23	11/22/11 23:14	50
2-Methylnaphthalene	43		10	2.6	mg/Kg	☼	11/20/11 21:23	11/22/11 23:14	50
2-Methylphenol	<2.7		10	2.7	mg/Kg	☼	11/20/11 21:23	11/22/11 23:14	50
2-Nitroaniline	<3.6		10	3.6	mg/Kg	☼	11/20/11 21:23	11/22/11 23:14	50
2-Nitrophenol	<3.1		20	3.1	mg/Kg	☼	11/20/11 21:23	11/22/11 23:14	50
3 & 4 Methylphenol	<3.8		10	3.8	mg/Kg	☼	11/20/11 21:23	11/22/11 23:14	50
3,3'-Dichlorobenzidine	<1.7		10	1.7	mg/Kg	☼	11/20/11 21:23	11/22/11 23:14	50
3-Nitroaniline	<3.9		20	3.9	mg/Kg	☼	11/20/11 21:23	11/22/11 23:14	50
4,6-Dinitro-2-methylphenol	<4.9		20	4.9	mg/Kg	☼	11/20/11 21:23	11/22/11 23:14	50
4-Bromophenyl phenyl ether	<2.2		10	2.2	mg/Kg	☼	11/20/11 21:23	11/22/11 23:14	50
4-Chloro-3-methylphenol	<9.6		20	9.6	mg/Kg	☼	11/20/11 21:23	11/22/11 23:14	50
4-Chloroaniline	<6.1		40	6.1	mg/Kg	☼	11/20/11 21:23	11/22/11 23:14	50
4-Chlorophenyl phenyl ether	<3.2		10	3.2	mg/Kg	☼	11/20/11 21:23	11/22/11 23:14	50
4-Nitroaniline	<4.1		20	4.1	mg/Kg	☼	11/20/11 21:23	11/22/11 23:14	50
4-Nitrophenol	<11		40	11	mg/Kg	☼	11/20/11 21:23	11/22/11 23:14	50
Acenaphthene	31		2.0	0.60	mg/Kg	☼	11/20/11 21:23	11/22/11 23:14	50
Acenaphthylene	23		2.0	0.46	mg/Kg	☼	11/20/11 21:23	11/22/11 23:14	50
Anthracene	56		2.0	0.47	mg/Kg	☼	11/20/11 21:23	11/22/11 23:14	50
Benzo[a]anthracene	64		2.0	0.42	mg/Kg	☼	11/20/11 21:23	11/22/11 23:14	50
Benzo[a]pyrene	49		2.0	0.36	mg/Kg	☼	11/20/11 21:23	11/22/11 23:14	50
Benzo[b]fluoranthene	57		2.0	0.39	mg/Kg	☼	11/20/11 21:23	11/22/11 23:14	50
Benzo[g,h,i]perylene	29		2.0	0.67	mg/Kg	☼	11/20/11 21:23	11/22/11 23:14	50
Benzo[k]fluoranthene	28		2.0	0.48	mg/Kg	☼	11/20/11 21:23	11/22/11 23:14	50
bis (2-chloroisopropyl) ether	<2.2		10	2.2	mg/Kg	☼	11/20/11 21:23	11/22/11 23:14	50
Bis(2-chloroethoxy)methane	<2.2		10	2.2	mg/Kg	☼	11/20/11 21:23	11/22/11 23:14	50
Bis(2-chloroethyl)ether	<3.0		10	3.0	mg/Kg	☼	11/20/11 21:23	11/22/11 23:14	50
Bis(2-ethylhexyl) phthalate	<2.7		10	2.7	mg/Kg	☼	11/20/11 21:23	11/22/11 23:14	50
Butyl benzyl phthalate	<2.5		10	2.5	mg/Kg	☼	11/20/11 21:23	11/22/11 23:14	50
Carbazole	31		10	2.8	mg/Kg	☼	11/20/11 21:23	11/22/11 23:14	50
Chrysene	40		2.0	0.45	mg/Kg	☼	11/20/11 21:23	11/22/11 23:14	50
Dibenz(a,h)anthracene	7.9		2.0	0.56	mg/Kg	☼	11/20/11 21:23	11/22/11 23:14	50
Dibenzofuran	53		10	2.4	mg/Kg	☼	11/20/11 21:23	11/22/11 23:14	50
Diethyl phthalate	<3.3		10	3.3	mg/Kg	☼	11/20/11 21:23	11/22/11 23:14	50
Dimethyl phthalate	<2.5		10	2.5	mg/Kg	☼	11/20/11 21:23	11/22/11 23:14	50
Di-n-butyl phthalate	<2.5		10	2.5	mg/Kg	☼	11/20/11 21:23	11/22/11 23:14	50
Di-n-octyl phthalate	<4.1		10	4.1	mg/Kg	☼	11/20/11 21:23	11/22/11 23:14	50
Fluorene	76		2.0	0.45	mg/Kg	☼	11/20/11 21:23	11/22/11 23:14	50
Hexachlorobenzene	<0.39		4.0	0.39	mg/Kg	☼	11/20/11 21:23	11/22/11 23:14	50
Hexachlorobutadiene	<2.6		10	2.6	mg/Kg	☼	11/20/11 21:23	11/22/11 23:14	50
Hexachlorocyclopentadiene	<9.3		40	9.3	mg/Kg	☼	11/20/11 21:23	11/22/11 23:14	50
Hexachloroethane	<2.1		10	2.1	mg/Kg	☼	11/20/11 21:23	11/22/11 23:14	50
Indeno[1,2,3-cd]pyrene	25		2.0	0.67	mg/Kg	☼	11/20/11 21:23	11/22/11 23:14	50
Isophorone	<2.2		10	2.2	mg/Kg	☼	11/20/11 21:23	11/22/11 23:14	50
Naphthalene	140		2.0	0.39	mg/Kg	☼	11/20/11 21:23	11/22/11 23:14	50
Nitrobenzene	<0.62		2.0	0.62	mg/Kg	☼	11/20/11 21:23	11/22/11 23:14	50
N-Nitrosodimethylamine	<22		40	22	mg/Kg	☼	11/20/11 21:23	11/22/11 23:14	50
N-Nitrosodi-n-propylamine	<2.5		10	2.5	mg/Kg	☼	11/20/11 21:23	11/22/11 23:14	50
Pentachlorophenol	<10		40	10	mg/Kg	☼	11/20/11 21:23	11/22/11 23:14	50

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-15-11 4-6'

Lab Sample ID: WUK0392-08

Date Collected: 11/10/11 10:05

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 83.0

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	<3.2		10	3.2	mg/Kg	☼	11/20/11 21:23	11/22/11 23:14	50
Pyrene	110		2.0	0.72	mg/Kg	☼	11/20/11 21:23	11/22/11 23:14	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	0	D	30 - 137				11/20/11 21:23	11/22/11 23:14	50
2-Fluorobiphenyl	0	D	27 - 113				11/20/11 21:23	11/22/11 23:14	50
2-Fluorophenol	0	D	30 - 110				11/20/11 21:23	11/22/11 23:14	50
Nitrobenzene-d5	0	D	22 - 110				11/20/11 21:23	11/22/11 23:14	50
Phenol-d5	0	D	26 - 112				11/20/11 21:23	11/22/11 23:14	50
Terphenyl-d14	0	D	33 - 129				11/20/11 21:23	11/22/11 23:14	50

Method: 8270C - Semivolatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	260		9.9	4.1	mg/Kg	☼	11/20/11 21:23	11/23/11 15:00	250
Phenanthrene	320		9.9	4.2	mg/Kg	☼	11/20/11 21:23	11/23/11 15:00	250

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0072		0.020	0.0072	mg/Kg	☼	11/21/11 19:46	11/23/11 06:08	1
PCB-1221	<0.016		0.020	0.016	mg/Kg	☼	11/21/11 19:46	11/23/11 06:08	1
PCB-1232	<0.0078		0.020	0.0078	mg/Kg	☼	11/21/11 19:46	11/23/11 06:08	1
PCB-1242	<0.0096		0.020	0.0096	mg/Kg	☼	11/21/11 19:46	11/23/11 06:08	1
PCB-1248	<0.0073		0.020	0.0073	mg/Kg	☼	11/21/11 19:46	11/23/11 06:08	1
PCB-1254	<0.0057		0.020	0.0057	mg/Kg	☼	11/21/11 19:46	11/23/11 06:08	1
PCB-1260	<0.0047		0.020	0.0047	mg/Kg	☼	11/21/11 19:46	11/23/11 06:08	1
Polychlorinated biphenyls, Total	<0.0031		0.020	0.0031	mg/Kg	☼	11/21/11 19:46	11/23/11 06:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	66		28 - 124				11/21/11 19:46	11/23/11 06:08	1
DCB Decachlorobiphenyl	91		38 - 130				11/21/11 19:46	11/23/11 06:08	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.3		1.0	0.14	mg/Kg	☼	11/20/11 15:25	11/21/11 14:02	1
Barium	84		1.0	0.057	mg/Kg	☼	11/20/11 15:25	11/21/11 14:02	1
Cadmium	0.21		0.20	0.027	mg/Kg	☼	11/20/11 15:25	11/21/11 14:02	1
Chromium	26		1.0	0.087	mg/Kg	☼	11/20/11 15:25	11/21/11 14:02	1
Lead	13 B		0.51	0.24	mg/Kg	☼	11/20/11 15:25	11/21/11 14:02	1
Selenium	<0.28		1.0	0.28	mg/Kg	☼	11/20/11 15:25	11/21/11 14:02	1
Silver	<0.064		0.51	0.064	mg/Kg	☼	11/20/11 15:25	11/21/11 14:02	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.13		0.018	0.0056	mg/Kg	☼	11/23/11 08:15	11/23/11 11:32	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-15-11 8-10'

Lab Sample ID: WUK0392-09

Date Collected: 11/10/11 10:10

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 80.8

Method: SW 8260B - VOCs by SW8260B - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	750		500	120	ug/kg dry	☼	11/16/11 12:47	11/16/11 20:07	4.0
Bromobenzene	<120		500	120	ug/kg dry	☼	11/16/11 12:47	11/16/11 20:07	4.0
Bromochloromethane	<120		500	120	ug/kg dry	☼	11/16/11 12:47	11/16/11 20:07	4.0
Bromodichloromethane	<120		500	120	ug/kg dry	☼	11/16/11 12:47	11/16/11 20:07	4.0
Bromoform	<120		500	120	ug/kg dry	☼	11/16/11 12:47	11/16/11 20:07	4.0
Bromomethane	<500		1200	500	ug/kg dry	☼	11/16/11 12:47	11/16/11 20:07	4.0
n-Butylbenzene	<120		500	120	ug/kg dry	☼	11/16/11 12:47	11/16/11 20:07	4.0
sec-Butylbenzene	<120		500	120	ug/kg dry	☼	11/16/11 12:47	11/16/11 20:07	4.0
tert-Butylbenzene	<120		500	120	ug/kg dry	☼	11/16/11 12:47	11/16/11 20:07	4.0
Carbon Tetrachloride	<120		500	120	ug/kg dry	☼	11/16/11 12:47	11/16/11 20:07	4.0
Chlorobenzene	<120		500	120	ug/kg dry	☼	11/16/11 12:47	11/16/11 20:07	4.0
Chlorodibromomethane	<120		500	120	ug/kg dry	☼	11/16/11 12:47	11/16/11 20:07	4.0
Chloroethane	<250		500	250	ug/kg dry	☼	11/16/11 12:47	11/16/11 20:07	4.0
Chloroform	<120		500	120	ug/kg dry	☼	11/16/11 12:47	11/16/11 20:07	4.0
Chloromethane	<250		500	250	ug/kg dry	☼	11/16/11 12:47	11/16/11 20:07	4.0
2-Chlorotoluene	<250		500	250	ug/kg dry	☼	11/16/11 12:47	11/16/11 20:07	4.0
4-Chlorotoluene	<120		500	120	ug/kg dry	☼	11/16/11 12:47	11/16/11 20:07	4.0
1,2-Dibromo-3-chloropropane	<250		500	250	ug/kg dry	☼	11/16/11 12:47	11/16/11 20:07	4.0
1,2-Dibromoethane (EDB)	<120		500	120	ug/kg dry	☼	11/16/11 12:47	11/16/11 20:07	4.0
Dibromomethane	<120		500	120	ug/kg dry	☼	11/16/11 12:47	11/16/11 20:07	4.0
1,2-Dichlorobenzene	<120		500	120	ug/kg dry	☼	11/16/11 12:47	11/16/11 20:07	4.0
1,3-Dichlorobenzene	<120		500	120	ug/kg dry	☼	11/16/11 12:47	11/16/11 20:07	4.0
1,4-Dichlorobenzene	<120		500	120	ug/kg dry	☼	11/16/11 12:47	11/16/11 20:07	4.0
Dichlorodifluoromethane	<250		500	250	ug/kg dry	☼	11/16/11 12:47	11/16/11 20:07	4.0
1,1-Dichloroethane	<120		500	120	ug/kg dry	☼	11/16/11 12:47	11/16/11 20:07	4.0
1,2-Dichloroethane	<120		500	120	ug/kg dry	☼	11/16/11 12:47	11/16/11 20:07	4.0
1,1-Dichloroethene	<120		500	120	ug/kg dry	☼	11/16/11 12:47	11/16/11 20:07	4.0
cis-1,2-Dichloroethene	<120		500	120	ug/kg dry	☼	11/16/11 12:47	11/16/11 20:07	4.0
trans-1,2-Dichloroethene	<120		500	120	ug/kg dry	☼	11/16/11 12:47	11/16/11 20:07	4.0
1,2-Dichloropropane	<120		500	120	ug/kg dry	☼	11/16/11 12:47	11/16/11 20:07	4.0
1,3-Dichloropropane	<120		500	120	ug/kg dry	☼	11/16/11 12:47	11/16/11 20:07	4.0
2,2-Dichloropropane	<120		500	120	ug/kg dry	☼	11/16/11 12:47	11/16/11 20:07	4.0
1,1-Dichloropropene	<120		500	120	ug/kg dry	☼	11/16/11 12:47	11/16/11 20:07	4.0
cis-1,3-Dichloropropene	<120		500	120	ug/kg dry	☼	11/16/11 12:47	11/16/11 20:07	4.0
trans-1,3-Dichloropropene	<120		500	120	ug/kg dry	☼	11/16/11 12:47	11/16/11 20:07	4.0
Isopropyl Ether	<120		500	120	ug/kg dry	☼	11/16/11 12:47	11/16/11 20:07	4.0
Ethylbenzene	280 J		500	120	ug/kg dry	☼	11/16/11 12:47	11/16/11 20:07	4.0
Hexachlorobutadiene	<120		500	120	ug/kg dry	☼	11/16/11 12:47	11/16/11 20:07	4.0
Isopropylbenzene	<120		500	120	ug/kg dry	☼	11/16/11 12:47	11/16/11 20:07	4.0
p-Isopropyltoluene	<120		500	120	ug/kg dry	☼	11/16/11 12:47	11/16/11 20:07	4.0
Methylene Chloride	<250		500	250	ug/kg dry	☼	11/16/11 12:47	11/16/11 20:07	4.0
Methyl tert-Butyl Ether	<120		500	120	ug/kg dry	☼	11/16/11 12:47	11/16/11 20:07	4.0
Naphthalene	23000		500	250	ug/kg dry	☼	11/16/11 12:47	11/16/11 20:07	4.0
n-Propylbenzene	<120		500	120	ug/kg dry	☼	11/16/11 12:47	11/16/11 20:07	4.0
Styrene	<250		500	250	ug/kg dry	☼	11/16/11 12:47	11/16/11 20:07	4.0
1,1,1,2-Tetrachloroethane	<120		500	120	ug/kg dry	☼	11/16/11 12:47	11/16/11 20:07	4.0
1,1,2,2-Tetrachloroethane	<120		500	120	ug/kg dry	☼	11/16/11 12:47	11/16/11 20:07	4.0
Tetrachloroethene	<120		500	120	ug/kg dry	☼	11/16/11 12:47	11/16/11 20:07	4.0
Toluene	<120		500	120	ug/kg dry	☼	11/16/11 12:47	11/16/11 20:07	4.0
1,2,3-Trichlorobenzene	<120		500	120	ug/kg dry	☼	11/16/11 12:47	11/16/11 20:07	4.0

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-15-11 8-10'

Lab Sample ID: WUK0392-09

Date Collected: 11/10/11 10:10

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 80.8

Method: SW 8260B - VOCs by SW8260B - RE1 (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<120		500	120	ug/kg dry	☼	11/16/11 12:47	11/16/11 20:07	4.0
1,1,1-Trichloroethane	<120		500	120	ug/kg dry	☼	11/16/11 12:47	11/16/11 20:07	4.0
1,1,2-Trichloroethane	<120		500	120	ug/kg dry	☼	11/16/11 12:47	11/16/11 20:07	4.0
Trichloroethene	<120		500	120	ug/kg dry	☼	11/16/11 12:47	11/16/11 20:07	4.0
Trichlorofluoromethane	<120		500	120	ug/kg dry	☼	11/16/11 12:47	11/16/11 20:07	4.0
1,2,3-Trichloropropane	<250		500	250	ug/kg dry	☼	11/16/11 12:47	11/16/11 20:07	4.0
1,2,4-Trimethylbenzene	220	J	500	120	ug/kg dry	☼	11/16/11 12:47	11/16/11 20:07	4.0
1,3,5-Trimethylbenzene	<120		500	120	ug/kg dry	☼	11/16/11 12:47	11/16/11 20:07	4.0
Vinyl chloride	<120		500	120	ug/kg dry	☼	11/16/11 12:47	11/16/11 20:07	4.0
Xylenes, total	770	J	1500	370	ug/kg dry	☼	11/16/11 12:47	11/16/11 20:07	4.0
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Dibromofluoromethane	97		80 - 120				11/16/11 12:47	11/16/11 20:07	4.0
Toluene-d8	98		80 - 120				11/16/11 12:47	11/16/11 20:07	4.0
4-Bromofluorobenzene	98		80 - 120				11/16/11 12:47	11/16/11 20:07	4.0

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<2.3		10	2.3	mg/Kg	☼	11/20/11 21:23	11/22/11 23:36	50
1,2-Dichlorobenzene	<2.2		10	2.2	mg/Kg	☼	11/20/11 21:23	11/22/11 23:36	50
1,3-Dichlorobenzene	<2.2		10	2.2	mg/Kg	☼	11/20/11 21:23	11/22/11 23:36	50
1,4-Dichlorobenzene	<2.2		10	2.2	mg/Kg	☼	11/20/11 21:23	11/22/11 23:36	50
2,4,5-Trichlorophenol	<5.9		20	5.9	mg/Kg	☼	11/20/11 21:23	11/22/11 23:36	50
2,4,6-Trichlorophenol	<2.6		20	2.6	mg/Kg	☼	11/20/11 21:23	11/22/11 23:36	50
2,4-Dichlorophenol	<6.2		20	6.2	mg/Kg	☼	11/20/11 21:23	11/22/11 23:36	50
2,4-Dimethylphenol	<6.4		20	6.4	mg/Kg	☼	11/20/11 21:23	11/22/11 23:36	50
2,4-Dinitrophenol	<11		41	11	mg/Kg	☼	11/20/11 21:23	11/22/11 23:36	50
2,4-Dinitrotoluene	<3.1		10	3.1	mg/Kg	☼	11/20/11 21:23	11/22/11 23:36	50
2,6-Dinitrotoluene	<2.4		10	2.4	mg/Kg	☼	11/20/11 21:23	11/22/11 23:36	50
2-Chloronaphthalene	<2.3		10	2.3	mg/Kg	☼	11/20/11 21:23	11/22/11 23:36	50
2-Chlorophenol	<2.9		10	2.9	mg/Kg	☼	11/20/11 21:23	11/22/11 23:36	50
2-Methylnaphthalene	4.8	J	10	2.7	mg/Kg	☼	11/20/11 21:23	11/22/11 23:36	50
2-Methylphenol	<2.7		10	2.7	mg/Kg	☼	11/20/11 21:23	11/22/11 23:36	50
2-Nitroaniline	<3.7		10	3.7	mg/Kg	☼	11/20/11 21:23	11/22/11 23:36	50
2-Nitrophenol	<3.2		20	3.2	mg/Kg	☼	11/20/11 21:23	11/22/11 23:36	50
3 & 4 Methylphenol	<3.9		10	3.9	mg/Kg	☼	11/20/11 21:23	11/22/11 23:36	50
3,3'-Dichlorobenzidine	<1.7		10	1.7	mg/Kg	☼	11/20/11 21:23	11/22/11 23:36	50
3-Nitroaniline	<4.0		20	4.0	mg/Kg	☼	11/20/11 21:23	11/22/11 23:36	50
4,6-Dinitro-2-methylphenol	<5.0		20	5.0	mg/Kg	☼	11/20/11 21:23	11/22/11 23:36	50
4-Bromophenyl phenyl ether	<2.3		10	2.3	mg/Kg	☼	11/20/11 21:23	11/22/11 23:36	50
4-Chloro-3-methylphenol	<9.8		20	9.8	mg/Kg	☼	11/20/11 21:23	11/22/11 23:36	50
4-Chloroaniline	<6.2		41	6.2	mg/Kg	☼	11/20/11 21:23	11/22/11 23:36	50
4-Chlorophenyl phenyl ether	<3.2		10	3.2	mg/Kg	☼	11/20/11 21:23	11/22/11 23:36	50
4-Nitroaniline	<4.2		20	4.2	mg/Kg	☼	11/20/11 21:23	11/22/11 23:36	50
4-Nitrophenol	<11		41	11	mg/Kg	☼	11/20/11 21:23	11/22/11 23:36	50
Acenaphthene	15		2.0	0.61	mg/Kg	☼	11/20/11 21:23	11/22/11 23:36	50
Acenaphthylene	8.7		2.0	0.47	mg/Kg	☼	11/20/11 21:23	11/22/11 23:36	50
Anthracene	53		2.0	0.48	mg/Kg	☼	11/20/11 21:23	11/22/11 23:36	50
bis (2-chloroisopropyl) ether	<2.3		10	2.3	mg/Kg	☼	11/20/11 21:23	11/22/11 23:36	50
Bis(2-chloroethoxy)methane	<2.3		10	2.3	mg/Kg	☼	11/20/11 21:23	11/22/11 23:36	50
Bis(2-chloroethyl)ether	<3.0		10	3.0	mg/Kg	☼	11/20/11 21:23	11/22/11 23:36	50

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-15-11 8-10'

Lab Sample ID: WUK0392-09

Date Collected: 11/10/11 10:10

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 80.8

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-ethylhexyl) phthalate	<2.7		10	2.7	mg/Kg	☼	11/20/11 21:23	11/22/11 23:36	50
Butyl benzyl phthalate	<2.6		10	2.6	mg/Kg	☼	11/20/11 21:23	11/22/11 23:36	50
Carbazole	29		10	2.9	mg/Kg	☼	11/20/11 21:23	11/22/11 23:36	50
Dibenz(a,h)anthracene	63		2.0	0.57	mg/Kg	☼	11/20/11 21:23	11/22/11 23:36	50
Dibenzofuran	10		10	2.5	mg/Kg	☼	11/20/11 21:23	11/22/11 23:36	50
Diethyl phthalate	<3.4		10	3.4	mg/Kg	☼	11/20/11 21:23	11/22/11 23:36	50
Dimethyl phthalate	<2.6		10	2.6	mg/Kg	☼	11/20/11 21:23	11/22/11 23:36	50
Di-n-butyl phthalate	<2.6		10	2.6	mg/Kg	☼	11/20/11 21:23	11/22/11 23:36	50
Di-n-octyl phthalate	<4.2		10	4.2	mg/Kg	☼	11/20/11 21:23	11/22/11 23:36	50
Fluorene	19		2.0	0.47	mg/Kg	☼	11/20/11 21:23	11/22/11 23:36	50
Hexachlorobenzene	<0.40		4.1	0.40	mg/Kg	☼	11/20/11 21:23	11/22/11 23:36	50
Hexachlorobutadiene	<2.7		10	2.7	mg/Kg	☼	11/20/11 21:23	11/22/11 23:36	50
Hexachlorocyclopentadiene	<9.5		41	9.5	mg/Kg	☼	11/20/11 21:23	11/22/11 23:36	50
Hexachloroethane	<2.2		10	2.2	mg/Kg	☼	11/20/11 21:23	11/22/11 23:36	50
Indeno[1,2,3-cd]pyrene	130		2.0	0.69	mg/Kg	☼	11/20/11 21:23	11/22/11 23:36	50
Isophorone	<2.3		10	2.3	mg/Kg	☼	11/20/11 21:23	11/22/11 23:36	50
Naphthalene	14		2.0	0.40	mg/Kg	☼	11/20/11 21:23	11/22/11 23:36	50
Nitrobenzene	<0.64		2.0	0.64	mg/Kg	☼	11/20/11 21:23	11/22/11 23:36	50
N-Nitrosodimethylamine	<22		41	22	mg/Kg	☼	11/20/11 21:23	11/22/11 23:36	50
N-Nitrosodi-n-propylamine	<2.6		10	2.6	mg/Kg	☼	11/20/11 21:23	11/22/11 23:36	50
Pentachlorophenol	<10		41	10	mg/Kg	☼	11/20/11 21:23	11/22/11 23:36	50
Phenanthrene	140		2.0	0.86	mg/Kg	☼	11/20/11 21:23	11/22/11 23:36	50
Phenol	<3.3		10	3.3	mg/Kg	☼	11/20/11 21:23	11/22/11 23:36	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	0	D	30 - 137	11/20/11 21:23	11/22/11 23:36	50
2-Fluorobiphenyl	0	D	27 - 113	11/20/11 21:23	11/22/11 23:36	50
2-Fluorophenol	0	D	30 - 110	11/20/11 21:23	11/22/11 23:36	50
Nitrobenzene-d5	0	D	22 - 110	11/20/11 21:23	11/22/11 23:36	50
Phenol-d5	0	D	26 - 112	11/20/11 21:23	11/22/11 23:36	50
Terphenyl-d14	0	D	33 - 129	11/20/11 21:23	11/22/11 23:36	50

Method: 8270C - Semivolatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	590		20	4.3	mg/Kg	☼	11/20/11 21:23	11/23/11 15:22	500
Benzo[a]pyrene	490		20	3.7	mg/Kg	☼	11/20/11 21:23	11/23/11 15:22	500
Benzo[b]fluoranthene	590		20	4.0	mg/Kg	☼	11/20/11 21:23	11/23/11 15:22	500
Benzo[g,h,i]perylene	260		20	6.9	mg/Kg	☼	11/20/11 21:23	11/23/11 15:22	500
Benzo[k]fluoranthene	390		20	4.9	mg/Kg	☼	11/20/11 21:23	11/23/11 15:22	500
Chrysene	540		20	4.6	mg/Kg	☼	11/20/11 21:23	11/23/11 15:22	500
Fluoranthene	940		20	8.4	mg/Kg	☼	11/20/11 21:23	11/23/11 15:22	500
Pyrene	780		20	7.4	mg/Kg	☼	11/20/11 21:23	11/23/11 15:22	500

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0071		0.020	0.0071	mg/Kg	☼	11/21/11 19:46	11/23/11 06:23	1
PCB-1221	<0.016		0.020	0.016	mg/Kg	☼	11/21/11 19:46	11/23/11 06:23	1
PCB-1232	<0.0077		0.020	0.0077	mg/Kg	☼	11/21/11 19:46	11/23/11 06:23	1
PCB-1242	<0.0095		0.020	0.0095	mg/Kg	☼	11/21/11 19:46	11/23/11 06:23	1
PCB-1248	<0.0072		0.020	0.0072	mg/Kg	☼	11/21/11 19:46	11/23/11 06:23	1
PCB-1254	<0.0057		0.020	0.0057	mg/Kg	☼	11/21/11 19:46	11/23/11 06:23	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-15-11 8-10'

Lab Sample ID: WUK0392-09

Date Collected: 11/10/11 10:10

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 80.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1260	<0.0046		0.020	0.0046	mg/Kg	☼	11/21/11 19:46	11/23/11 06:23	1
Polychlorinated biphenyls, Total	<0.0031		0.020	0.0031	mg/Kg	☼	11/21/11 19:46	11/23/11 06:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	45		28 - 124				11/21/11 19:46	11/23/11 06:23	1
DCB Decachlorobiphenyl	55		38 - 130				11/21/11 19:46	11/23/11 06:23	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.6		1.1	0.15	mg/Kg	☼	11/20/11 15:25	11/21/11 14:08	1
Barium	48		1.1	0.062	mg/Kg	☼	11/20/11 15:25	11/21/11 14:08	1
Cadmium	0.34		0.22	0.030	mg/Kg	☼	11/20/11 15:25	11/21/11 14:08	1
Chromium	21		1.1	0.094	mg/Kg	☼	11/20/11 15:25	11/21/11 14:08	1
Lead	15	B	0.55	0.26	mg/Kg	☼	11/20/11 15:25	11/21/11 14:08	1
Selenium	<0.31		1.1	0.31	mg/Kg	☼	11/20/11 15:25	11/21/11 14:08	1
Silver	<0.069		0.55	0.069	mg/Kg	☼	11/20/11 15:25	11/21/11 14:08	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.54		0.090	0.028	mg/Kg	☼	11/23/11 08:15	11/23/11 13:20	5

Client Sample ID: B-06-11 0-2'

Lab Sample ID: WUK0392-10

Date Collected: 11/10/11 09:20

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 85.7

Method: SW 8260B - VOCs by SW8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:02	1.0
Bromobenzene	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:02	1.0
Bromochloromethane	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:02	1.0
Bromodichloromethane	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:02	1.0
Bromoform	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:02	1.0
Bromomethane	<120		290	120	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:02	1.0
n-Butylbenzene	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:02	1.0
sec-Butylbenzene	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:02	1.0
tert-Butylbenzene	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:02	1.0
Carbon Tetrachloride	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:02	1.0
Chlorobenzene	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:02	1.0
Chlorodibromomethane	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:02	1.0
Chloroethane	<58		120	58	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:02	1.0
Chloroform	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:02	1.0
Chloromethane	<58		120	58	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:02	1.0
2-Chlorotoluene	<58		120	58	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:02	1.0
4-Chlorotoluene	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:02	1.0
1,2-Dibromo-3-chloropropane	<58		120	58	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:02	1.0
1,2-Dibromoethane (EDB)	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:02	1.0
Dibromomethane	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:02	1.0
1,2-Dichlorobenzene	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:02	1.0
1,3-Dichlorobenzene	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:02	1.0
1,4-Dichlorobenzene	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:02	1.0

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-06-11 0-2'

Lab Sample ID: WUK0392-10

Date Collected: 11/10/11 09:20

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 85.7

Method: SW 8260B - VOCs by SW8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<58		120	58	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:02	1.0
1,1-Dichloroethane	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:02	1.0
1,2-Dichloroethane	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:02	1.0
1,1-Dichloroethene	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:02	1.0
cis-1,2-Dichloroethene	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:02	1.0
trans-1,2-Dichloroethene	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:02	1.0
1,2-Dichloropropane	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:02	1.0
1,3-Dichloropropane	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:02	1.0
2,2-Dichloropropane	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:02	1.0
1,1-Dichloropropene	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:02	1.0
cis-1,3-Dichloropropene	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:02	1.0
trans-1,3-Dichloropropene	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:02	1.0
Isopropyl Ether	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:02	1.0
Ethylbenzene	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:02	1.0
Hexachlorobutadiene	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:02	1.0
Isopropylbenzene	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:02	1.0
p-Isopropyltoluene	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:02	1.0
Methylene Chloride	<58		120	58	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:02	1.0
Methyl tert-Butyl Ether	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:02	1.0
Naphthalene	<58		120	58	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:02	1.0
n-Propylbenzene	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:02	1.0
Styrene	<58		120	58	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:02	1.0
1,1,1,2-Tetrachloroethane	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:02	1.0
1,1,2,2-Tetrachloroethane	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:02	1.0
Tetrachloroethene	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:02	1.0
Toluene	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:02	1.0
1,2,3-Trichlorobenzene	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:02	1.0
1,2,4-Trichlorobenzene	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:02	1.0
1,1,1-Trichloroethane	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:02	1.0
1,1,2-Trichloroethane	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:02	1.0
Trichloroethene	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:02	1.0
Trichlorofluoromethane	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:02	1.0
1,2,3-Trichloropropane	<58		120	58	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:02	1.0
1,2,4-Trimethylbenzene	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:02	1.0
1,3,5-Trimethylbenzene	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:02	1.0
Vinyl chloride	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:02	1.0
Xylenes, total	<88		350	88	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:02	1.0

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane	100		80 - 120	11/16/11 12:47	11/16/11 16:02	1.0
Toluene-d8	100		80 - 120	11/16/11 12:47	11/16/11 16:02	1.0
4-Bromofluorobenzene	99		80 - 120	11/16/11 12:47	11/16/11 16:02	1.0

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.31		0.037	0.011	mg/Kg	☼	11/20/11 21:23	11/22/11 23:43	1
Acenaphthylene	0.026	J	0.037	0.0086	mg/Kg	☼	11/20/11 21:23	11/22/11 23:43	1
Anthracene	0.55		0.037	0.0088	mg/Kg	☼	11/20/11 21:23	11/22/11 23:43	1
Benzo[a]anthracene	0.83		0.037	0.0078	mg/Kg	☼	11/20/11 21:23	11/22/11 23:43	1
Benzo[a]pyrene	1.0		0.037	0.0068	mg/Kg	☼	11/20/11 21:23	11/22/11 23:43	1
Benzo[b]fluoranthene	0.98		0.037	0.0072	mg/Kg	☼	11/20/11 21:23	11/22/11 23:43	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-06-11 0-2'

Lab Sample ID: WUK0392-10

Date Collected: 11/10/11 09:20

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 85.7

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[g,h,i]perylene	0.65		0.037	0.013	mg/Kg	☼	11/20/11 21:23	11/22/11 23:43	1
Benzo[k]fluoranthene	0.70		0.037	0.0089	mg/Kg	☼	11/20/11 21:23	11/22/11 23:43	1
Chrysene	1.0		0.037	0.0084	mg/Kg	☼	11/20/11 21:23	11/22/11 23:43	1
Dibenz[a,h]anthracene	0.25		0.037	0.010	mg/Kg	☼	11/20/11 21:23	11/22/11 23:43	1
Fluoranthene	1.7		0.037	0.015	mg/Kg	☼	11/20/11 21:23	11/22/11 23:43	1
Fluorene	0.26		0.037	0.0085	mg/Kg	☼	11/20/11 21:23	11/22/11 23:43	1
Indeno[1,2,3-cd]pyrene	0.59		0.037	0.013	mg/Kg	☼	11/20/11 21:23	11/22/11 23:43	1
Naphthalene	0.026	J	0.037	0.0072	mg/Kg	☼	11/20/11 21:23	11/22/11 23:43	1
Phenanthrene	1.6		0.037	0.016	mg/Kg	☼	11/20/11 21:23	11/22/11 23:43	1
Pyrene	1.4		0.037	0.013	mg/Kg	☼	11/20/11 21:23	11/22/11 23:43	1
2-Methylnaphthalene	<0.048		0.19	0.048	mg/Kg	☼	11/20/11 21:23	11/22/11 23:43	1
1-Methylnaphthalene	0.078		0.037	0.018	mg/Kg	☼	11/20/11 21:23	11/22/11 23:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	95		27 - 113				11/20/11 21:23	11/22/11 23:43	1
Nitrobenzene-d5	80		22 - 110				11/20/11 21:23	11/22/11 23:43	1
Terphenyl-d14	98		33 - 129				11/20/11 21:23	11/22/11 23:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.67		1.9	0.67	mg/Kg	☼	11/21/11 19:46	11/23/11 11:34	100
PCB-1221	<1.5		1.9	1.5	mg/Kg	☼	11/21/11 19:46	11/23/11 11:34	100
PCB-1232	<0.73		1.9	0.73	mg/Kg	☼	11/21/11 19:46	11/23/11 11:34	100
PCB-1242	<0.89		1.9	0.89	mg/Kg	☼	11/21/11 19:46	11/23/11 11:34	100
PCB-1248	27		1.9	0.68	mg/Kg	☼	11/21/11 19:46	11/23/11 11:34	100
PCB-1254	<0.54		1.9	0.54	mg/Kg	☼	11/21/11 19:46	11/23/11 11:34	100
PCB-1260	<0.44		1.9	0.44	mg/Kg	☼	11/21/11 19:46	11/23/11 11:34	100
Polychlorinated biphenyls, Total	27		1.9	0.29	mg/Kg	☼	11/21/11 19:46	11/23/11 11:34	100
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	0	D	28 - 124				11/21/11 19:46	11/23/11 11:34	100
DCB Decachlorobiphenyl	0	D	38 - 130				11/21/11 19:46	11/23/11 11:34	100

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.8		1.1	0.16	mg/Kg	☼	11/20/11 15:25	11/21/11 14:14	1
Barium	35		1.1	0.063	mg/Kg	☼	11/20/11 15:25	11/21/11 14:14	1
Cadmium	0.40		0.22	0.030	mg/Kg	☼	11/20/11 15:25	11/21/11 14:14	1
Chromium	13		1.1	0.095	mg/Kg	☼	11/20/11 15:25	11/21/11 14:14	1
Lead	12	B	0.56	0.27	mg/Kg	☼	11/20/11 15:25	11/21/11 14:14	1
Selenium	<0.31		1.1	0.31	mg/Kg	☼	11/20/11 15:25	11/21/11 14:14	1
Silver	0.13	J	0.56	0.070	mg/Kg	☼	11/20/11 15:25	11/21/11 14:14	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0052		0.017	0.0052	mg/Kg	☼	11/23/11 08:15	11/23/11 11:35	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-16-11 0-2'

Lab Sample ID: WUK0392-11

Date Collected: 11/10/11 10:25

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 89.2

Method: SW 8260B - VOCs by SW8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:29	1.0
Bromobenzene	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:29	1.0
Bromochloromethane	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:29	1.0
Bromodichloromethane	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:29	1.0
Bromoform	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:29	1.0
Bromomethane	<110		280	110	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:29	1.0
n-Butylbenzene	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:29	1.0
sec-Butylbenzene	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:29	1.0
tert-Butylbenzene	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:29	1.0
Carbon Tetrachloride	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:29	1.0
Chlorobenzene	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:29	1.0
Chlorodibromomethane	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:29	1.0
Chloroethane	<56		110	56	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:29	1.0
Chloroform	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:29	1.0
Chloromethane	<56		110	56	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:29	1.0
2-Chlorotoluene	<56		110	56	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:29	1.0
4-Chlorotoluene	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:29	1.0
1,2-Dibromo-3-chloropropane	<56		110	56	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:29	1.0
1,2-Dibromoethane (EDB)	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:29	1.0
Dibromomethane	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:29	1.0
1,2-Dichlorobenzene	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:29	1.0
1,3-Dichlorobenzene	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:29	1.0
1,4-Dichlorobenzene	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:29	1.0
Dichlorodifluoromethane	<56		110	56	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:29	1.0
1,1-Dichloroethane	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:29	1.0
1,2-Dichloroethane	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:29	1.0
1,1-Dichloroethene	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:29	1.0
cis-1,2-Dichloroethene	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:29	1.0
trans-1,2-Dichloroethene	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:29	1.0
1,2-Dichloropropane	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:29	1.0
1,3-Dichloropropane	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:29	1.0
2,2-Dichloropropane	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:29	1.0
1,1-Dichloropropene	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:29	1.0
cis-1,3-Dichloropropene	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:29	1.0
trans-1,3-Dichloropropene	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:29	1.0
Isopropyl Ether	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:29	1.0
Ethylbenzene	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:29	1.0
Hexachlorobutadiene	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:29	1.0
Isopropylbenzene	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:29	1.0
p-Isopropyltoluene	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:29	1.0
Methylene Chloride	<56		110	56	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:29	1.0
Methyl tert-Butyl Ether	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:29	1.0
Naphthalene	190		110	56	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:29	1.0
n-Propylbenzene	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:29	1.0
Styrene	<56		110	56	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:29	1.0
1,1,1,2-Tetrachloroethane	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:29	1.0
1,1,2,2-Tetrachloroethane	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:29	1.0
Tetrachloroethene	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:29	1.0
Toluene	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:29	1.0
1,2,3-Trichlorobenzene	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:29	1.0

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-16-11 0-2'

Lab Sample ID: WUK0392-11

Date Collected: 11/10/11 10:25

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 89.2

Method: SW 8260B - VOCs by SW8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:29	1.0
1,1,1-Trichloroethane	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:29	1.0
1,1,2-Trichloroethane	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:29	1.0
Trichloroethene	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:29	1.0
Trichlorofluoromethane	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:29	1.0
1,2,3-Trichloropropane	<56		110	56	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:29	1.0
1,2,4-Trimethylbenzene	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:29	1.0
1,3,5-Trimethylbenzene	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:29	1.0
Vinyl chloride	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:29	1.0
Xylenes, total	<84		340	84	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:29	1.0
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Dibromofluoromethane	98		80 - 120				11/16/11 12:47	11/16/11 16:29	1.0
Toluene-d8	99		80 - 120				11/16/11 12:47	11/16/11 16:29	1.0
4-Bromofluorobenzene	98		80 - 120				11/16/11 12:47	11/16/11 16:29	1.0

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	1.3		0.036	0.011	mg/Kg	☼	11/20/11 21:23	11/23/11 20:04	1
Acenaphthylene	0.66		0.036	0.0084	mg/Kg	☼	11/20/11 21:23	11/23/11 20:04	1
Dibenz(a,h)anthracene	1.8		0.036	0.010	mg/Kg	☼	11/20/11 21:23	11/23/11 20:04	1
Fluorene	1.3		0.036	0.0083	mg/Kg	☼	11/20/11 21:23	11/23/11 20:04	1
Naphthalene	1.2		0.036	0.0070	mg/Kg	☼	11/20/11 21:23	11/23/11 20:04	1
2-Methylnaphthalene	0.44		0.18	0.047	mg/Kg	☼	11/20/11 21:23	11/23/11 20:04	1
1-Methylnaphthalene	0.42		0.036	0.018	mg/Kg	☼	11/20/11 21:23	11/23/11 20:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	93		27 - 113				11/20/11 21:23	11/23/11 20:04	1
Nitrobenzene-d5	79		22 - 110				11/20/11 21:23	11/23/11 20:04	1
Terphenyl-d14	122		33 - 129				11/20/11 21:23	11/23/11 20:04	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	4.2		1.8	0.43	mg/Kg	☼	11/20/11 21:23	11/27/11 01:06	50
Benzo[a]anthracene	13		1.8	0.38	mg/Kg	☼	11/20/11 21:23	11/27/11 01:06	50
Benzo[a]pyrene	16		1.8	0.33	mg/Kg	☼	11/20/11 21:23	11/27/11 01:06	50
Benzo[b]fluoranthene	6.8		1.8	0.35	mg/Kg	☼	11/20/11 21:23	11/27/11 01:06	50
Benzo[g,h,i]perylene	12		1.8	0.61	mg/Kg	☼	11/20/11 21:23	11/27/11 01:06	50
Benzo[k]fluoranthene	3.8		1.8	0.43	mg/Kg	☼	11/20/11 21:23	11/27/11 01:06	50
Chrysene	12		1.8	0.41	mg/Kg	☼	11/20/11 21:23	11/27/11 01:06	50
Fluoranthene	25		1.8	0.75	mg/Kg	☼	11/20/11 21:23	11/27/11 01:06	50
Indeno[1,2,3-cd]pyrene	10		1.8	0.61	mg/Kg	☼	11/20/11 21:23	11/27/11 01:06	50
Phenanthrene	11		1.8	0.76	mg/Kg	☼	11/20/11 21:23	11/27/11 01:06	50
Pyrene	19		1.8	0.66	mg/Kg	☼	11/20/11 21:23	11/27/11 01:06	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.065		0.18	0.065	mg/Kg	☼	11/21/11 19:46	11/23/11 10:23	10
PCB-1221	<0.15		0.18	0.15	mg/Kg	☼	11/21/11 19:46	11/23/11 10:23	10
PCB-1232	<0.070		0.18	0.070	mg/Kg	☼	11/21/11 19:46	11/23/11 10:23	10
PCB-1242	<0.086		0.18	0.086	mg/Kg	☼	11/21/11 19:46	11/23/11 10:23	10

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-16-11 0-2'

Lab Sample ID: WUK0392-11

Date Collected: 11/10/11 10:25

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 89.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	2.0		0.18	0.066	mg/Kg	☼	11/21/11 19:46	11/23/11 10:23	10
PCB-1254	<0.052		0.18	0.052	mg/Kg	☼	11/21/11 19:46	11/23/11 10:23	10
PCB-1260	<0.042		0.18	0.042	mg/Kg	☼	11/21/11 19:46	11/23/11 10:23	10
Polychlorinated biphenyls, Total	2.0		0.18	0.028	mg/Kg	☼	11/21/11 19:46	11/23/11 10:23	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	112		28 - 124				11/21/11 19:46	11/23/11 10:23	10
DCB Decachlorobiphenyl	127		38 - 130				11/21/11 19:46	11/23/11 10:23	10

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.4		1.1	0.15	mg/Kg	☼	11/20/11 15:25	11/21/11 14:20	1
Barium	50		1.1	0.062	mg/Kg	☼	11/20/11 15:25	11/21/11 14:20	1
Cadmium	0.30		0.22	0.030	mg/Kg	☼	11/20/11 15:25	11/21/11 14:20	1
Chromium	18		1.1	0.094	mg/Kg	☼	11/20/11 15:25	11/21/11 14:20	1
Lead	8.8 B		0.55	0.26	mg/Kg	☼	11/20/11 15:25	11/21/11 14:20	1
Selenium	<0.31		1.1	0.31	mg/Kg	☼	11/20/11 15:25	11/21/11 14:20	1
Silver	<0.070		0.55	0.070	mg/Kg	☼	11/20/11 15:25	11/21/11 14:20	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.082		0.018	0.0056	mg/Kg	☼	11/23/11 08:15	11/23/11 11:37	1

Client Sample ID: B-18-11 0-2'

Lab Sample ID: WUK0392-12

Date Collected: 11/10/11 10:35

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 84.7

Method: SW 8260B - VOCs by SW8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<30		120	30	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:56	1.0
Bromobenzene	<30		120	30	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:56	1.0
Bromochloromethane	<30		120	30	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:56	1.0
Bromodichloromethane	<30		120	30	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:56	1.0
Bromoform	<30		120	30	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:56	1.0
Bromomethane	<120		300	120	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:56	1.0
n-Butylbenzene	<30		120	30	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:56	1.0
sec-Butylbenzene	<30		120	30	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:56	1.0
tert-Butylbenzene	<30		120	30	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:56	1.0
Carbon Tetrachloride	<30		120	30	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:56	1.0
Chlorobenzene	<30		120	30	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:56	1.0
Chlorodibromomethane	<30		120	30	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:56	1.0
Chloroethane	<59		120	59	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:56	1.0
Chloroform	<30		120	30	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:56	1.0
Chloromethane	<59		120	59	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:56	1.0
2-Chlorotoluene	<59		120	59	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:56	1.0
4-Chlorotoluene	<30		120	30	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:56	1.0
1,2-Dibromo-3-chloropropane	<59		120	59	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:56	1.0
1,2-Dibromoethane (EDB)	<30		120	30	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:56	1.0
Dibromomethane	<30		120	30	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:56	1.0
1,2-Dichlorobenzene	<30		120	30	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:56	1.0

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-18-11 0-2'

Lab Sample ID: WUK0392-12

Date Collected: 11/10/11 10:35

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 84.7

Method: SW 8260B - VOCs by SW8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	<30		120	30	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:56	1.0
1,4-Dichlorobenzene	<30		120	30	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:56	1.0
Dichlorodifluoromethane	<59		120	59	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:56	1.0
1,1-Dichloroethane	<30		120	30	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:56	1.0
1,2-Dichloroethane	<30		120	30	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:56	1.0
1,1-Dichloroethene	<30		120	30	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:56	1.0
cis-1,2-Dichloroethene	<30		120	30	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:56	1.0
trans-1,2-Dichloroethene	<30		120	30	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:56	1.0
1,2-Dichloropropane	<30		120	30	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:56	1.0
1,3-Dichloropropane	<30		120	30	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:56	1.0
2,2-Dichloropropane	<30		120	30	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:56	1.0
1,1-Dichloropropene	<30		120	30	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:56	1.0
cis-1,3-Dichloropropene	<30		120	30	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:56	1.0
trans-1,3-Dichloropropene	<30		120	30	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:56	1.0
Isopropyl Ether	<30		120	30	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:56	1.0
Ethylbenzene	<30		120	30	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:56	1.0
Hexachlorobutadiene	<30		120	30	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:56	1.0
Isopropylbenzene	<30		120	30	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:56	1.0
p-Isopropyltoluene	<30		120	30	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:56	1.0
Methylene Chloride	<59		120	59	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:56	1.0
Methyl tert-Butyl Ether	<30		120	30	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:56	1.0
Naphthalene	76	J	120	59	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:56	1.0
n-Propylbenzene	<30		120	30	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:56	1.0
Styrene	<59		120	59	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:56	1.0
1,1,1,2-Tetrachloroethane	<30		120	30	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:56	1.0
1,1,2,2-Tetrachloroethane	<30		120	30	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:56	1.0
Tetrachloroethene	<30		120	30	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:56	1.0
Toluene	<30		120	30	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:56	1.0
1,2,3-Trichlorobenzene	<30		120	30	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:56	1.0
1,2,4-Trichlorobenzene	<30		120	30	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:56	1.0
1,1,1-Trichloroethane	<30		120	30	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:56	1.0
1,1,2-Trichloroethane	<30		120	30	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:56	1.0
Trichloroethene	<30		120	30	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:56	1.0
Trichlorofluoromethane	<30		120	30	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:56	1.0
1,2,3-Trichloropropane	<59		120	59	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:56	1.0
1,2,4-Trimethylbenzene	<30		120	30	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:56	1.0
1,3,5-Trimethylbenzene	<30		120	30	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:56	1.0
Vinyl chloride	<30		120	30	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:56	1.0
Xylenes, total	<89		350	89	ug/kg dry	☼	11/16/11 12:47	11/16/11 16:56	1.0
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Dibromofluoromethane	99		80 - 120				11/16/11 12:47	11/16/11 16:56	1.0
Toluene-d8	99		80 - 120				11/16/11 12:47	11/16/11 16:56	1.0
4-Bromofluorobenzene	99		80 - 120				11/16/11 12:47	11/16/11 16:56	1.0

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.67		0.038	0.011	mg/Kg	☼	11/20/11 21:23	11/23/11 20:25	1
Acenaphthylene	0.11		0.038	0.0087	mg/Kg	☼	11/20/11 21:23	11/23/11 20:25	1
Fluorene	0.95		0.038	0.0086	mg/Kg	☼	11/20/11 21:23	11/23/11 20:25	1
Naphthalene	0.55		0.038	0.0073	mg/Kg	☼	11/20/11 21:23	11/23/11 20:25	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-18-11 0-2'

Lab Sample ID: WUK0392-12

Date Collected: 11/10/11 10:35

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 84.7

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	0.19		0.19	0.049	mg/Kg	☼	11/20/11 21:23	11/23/11 20:25	1
1-Methylnaphthalene	0.12		0.038	0.019	mg/Kg	☼	11/20/11 21:23	11/23/11 20:25	1
<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>				<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
2-Fluorobiphenyl	75		27 - 113				11/20/11 21:23	11/23/11 20:25	1
Nitrobenzene-d5	66		22 - 110				11/20/11 21:23	11/23/11 20:25	1
Terphenyl-d14	94		33 - 129				11/20/11 21:23	11/23/11 20:25	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	5.6		1.9	0.45	mg/Kg	☼	11/20/11 21:23	11/27/11 01:26	50
Benzo[a]anthracene	9.7		1.9	0.40	mg/Kg	☼	11/20/11 21:23	11/27/11 01:26	50
Benzo[a]pyrene	12		1.9	0.34	mg/Kg	☼	11/20/11 21:23	11/27/11 01:26	50
Benzo[b]fluoranthene	14		1.9	0.37	mg/Kg	☼	11/20/11 21:23	11/27/11 01:26	50
Benzo[g,h,i]perylene	9.0		1.9	0.64	mg/Kg	☼	11/20/11 21:23	11/27/11 01:26	50
Benzo[k]fluoranthene	4.9		1.9	0.45	mg/Kg	☼	11/20/11 21:23	11/27/11 01:26	50
Chrysene	12		1.9	0.43	mg/Kg	☼	11/20/11 21:23	11/27/11 01:26	50
Dibenz(a,h)anthracene	3.6		1.9	0.53	mg/Kg	☼	11/20/11 21:23	11/27/11 01:26	50
Fluoranthene	15		1.9	0.78	mg/Kg	☼	11/20/11 21:23	11/27/11 01:26	50
Indeno[1,2,3-cd]pyrene	7.5		1.9	0.64	mg/Kg	☼	11/20/11 21:23	11/27/11 01:26	50
Phenanthrene	8.0		1.9	0.79	mg/Kg	☼	11/20/11 21:23	11/27/11 01:26	50
Pyrene	12		1.9	0.68	mg/Kg	☼	11/20/11 21:23	11/27/11 01:26	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0070		0.020	0.0070	mg/Kg	☼	11/21/11 19:46	11/23/11 07:05	1
PCB-1221	<0.016		0.020	0.016	mg/Kg	☼	11/21/11 19:46	11/23/11 07:05	1
PCB-1232	<0.0076		0.020	0.0076	mg/Kg	☼	11/21/11 19:46	11/23/11 07:05	1
PCB-1242	<0.0094		0.020	0.0094	mg/Kg	☼	11/21/11 19:46	11/23/11 07:05	1
PCB-1248	<0.0071		0.020	0.0071	mg/Kg	☼	11/21/11 19:46	11/23/11 07:05	1
PCB-1254	0.15		0.020	0.0056	mg/Kg	☼	11/21/11 19:46	11/23/11 07:05	1
PCB-1260	<0.0046		0.020	0.0046	mg/Kg	☼	11/21/11 19:46	11/23/11 07:05	1
Polychlorinated biphenyls, Total	0.15		0.020	0.0030	mg/Kg	☼	11/21/11 19:46	11/23/11 07:05	1
<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>				<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
Tetrachloro-m-xylene	81		28 - 124				11/21/11 19:46	11/23/11 07:05	1
DCB Decachlorobiphenyl	106		38 - 130				11/21/11 19:46	11/23/11 07:05	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.4		1.1	0.16	mg/Kg	☼	11/20/11 15:48	11/21/11 17:52	1
Barium	86		1.1	0.064	mg/Kg	☼	11/20/11 15:48	11/21/11 17:52	1
Cadmium	4.2		0.23	0.031	mg/Kg	☼	11/20/11 15:48	11/21/11 17:52	1
Chromium	87		1.1	0.097	mg/Kg	☼	11/20/11 15:48	11/21/11 17:52	1
Lead	200		0.57	0.27	mg/Kg	☼	11/20/11 15:48	11/21/11 17:52	1
Selenium	1.4		1.1	0.32	mg/Kg	☼	11/20/11 15:48	11/21/11 17:52	1
Silver	0.69		0.57	0.072	mg/Kg	☼	11/20/11 15:48	11/21/11 17:52	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.035		0.019	0.0059	mg/Kg	☼	11/23/11 08:15	11/23/11 11:39	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-20-11 0-2'

Lab Sample ID: WUK0392-13

Date Collected: 11/10/11 10:45

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 86

Method: SW 8260B - VOCs by SW8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<29		120	29	ug/kg dry	*	11/16/11 12:47	11/16/11 17:23	1.0
Bromobenzene	<29		120	29	ug/kg dry	*	11/16/11 12:47	11/16/11 17:23	1.0
Bromochloromethane	<29		120	29	ug/kg dry	*	11/16/11 12:47	11/16/11 17:23	1.0
Bromodichloromethane	<29		120	29	ug/kg dry	*	11/16/11 12:47	11/16/11 17:23	1.0
Bromoform	<29		120	29	ug/kg dry	*	11/16/11 12:47	11/16/11 17:23	1.0
Bromomethane	<120		290	120	ug/kg dry	*	11/16/11 12:47	11/16/11 17:23	1.0
n-Butylbenzene	<29		120	29	ug/kg dry	*	11/16/11 12:47	11/16/11 17:23	1.0
sec-Butylbenzene	<29		120	29	ug/kg dry	*	11/16/11 12:47	11/16/11 17:23	1.0
tert-Butylbenzene	<29		120	29	ug/kg dry	*	11/16/11 12:47	11/16/11 17:23	1.0
Carbon Tetrachloride	<29		120	29	ug/kg dry	*	11/16/11 12:47	11/16/11 17:23	1.0
Chlorobenzene	<29		120	29	ug/kg dry	*	11/16/11 12:47	11/16/11 17:23	1.0
Chlorodibromomethane	<29		120	29	ug/kg dry	*	11/16/11 12:47	11/16/11 17:23	1.0
Chloroethane	<58		120	58	ug/kg dry	*	11/16/11 12:47	11/16/11 17:23	1.0
Chloroform	<29		120	29	ug/kg dry	*	11/16/11 12:47	11/16/11 17:23	1.0
Chloromethane	<58		120	58	ug/kg dry	*	11/16/11 12:47	11/16/11 17:23	1.0
2-Chlorotoluene	<58		120	58	ug/kg dry	*	11/16/11 12:47	11/16/11 17:23	1.0
4-Chlorotoluene	<29		120	29	ug/kg dry	*	11/16/11 12:47	11/16/11 17:23	1.0
1,2-Dibromo-3-chloropropane	<58		120	58	ug/kg dry	*	11/16/11 12:47	11/16/11 17:23	1.0
1,2-Dibromoethane (EDB)	<29		120	29	ug/kg dry	*	11/16/11 12:47	11/16/11 17:23	1.0
Dibromomethane	<29		120	29	ug/kg dry	*	11/16/11 12:47	11/16/11 17:23	1.0
1,2-Dichlorobenzene	<29		120	29	ug/kg dry	*	11/16/11 12:47	11/16/11 17:23	1.0
1,3-Dichlorobenzene	<29		120	29	ug/kg dry	*	11/16/11 12:47	11/16/11 17:23	1.0
1,4-Dichlorobenzene	<29		120	29	ug/kg dry	*	11/16/11 12:47	11/16/11 17:23	1.0
Dichlorodifluoromethane	<58		120	58	ug/kg dry	*	11/16/11 12:47	11/16/11 17:23	1.0
1,1-Dichloroethane	<29		120	29	ug/kg dry	*	11/16/11 12:47	11/16/11 17:23	1.0
1,2-Dichloroethane	<29		120	29	ug/kg dry	*	11/16/11 12:47	11/16/11 17:23	1.0
1,1-Dichloroethene	<29		120	29	ug/kg dry	*	11/16/11 12:47	11/16/11 17:23	1.0
cis-1,2-Dichloroethene	<29		120	29	ug/kg dry	*	11/16/11 12:47	11/16/11 17:23	1.0
trans-1,2-Dichloroethene	<29		120	29	ug/kg dry	*	11/16/11 12:47	11/16/11 17:23	1.0
1,2-Dichloropropane	<29		120	29	ug/kg dry	*	11/16/11 12:47	11/16/11 17:23	1.0
1,3-Dichloropropane	<29		120	29	ug/kg dry	*	11/16/11 12:47	11/16/11 17:23	1.0
2,2-Dichloropropane	<29		120	29	ug/kg dry	*	11/16/11 12:47	11/16/11 17:23	1.0
1,1-Dichloropropene	<29		120	29	ug/kg dry	*	11/16/11 12:47	11/16/11 17:23	1.0
cis-1,3-Dichloropropene	<29		120	29	ug/kg dry	*	11/16/11 12:47	11/16/11 17:23	1.0
trans-1,3-Dichloropropene	<29		120	29	ug/kg dry	*	11/16/11 12:47	11/16/11 17:23	1.0
Isopropyl Ether	<29		120	29	ug/kg dry	*	11/16/11 12:47	11/16/11 17:23	1.0
Ethylbenzene	<29		120	29	ug/kg dry	*	11/16/11 12:47	11/16/11 17:23	1.0
Hexachlorobutadiene	<29		120	29	ug/kg dry	*	11/16/11 12:47	11/16/11 17:23	1.0
Isopropylbenzene	<29		120	29	ug/kg dry	*	11/16/11 12:47	11/16/11 17:23	1.0
p-Isopropyltoluene	<29		120	29	ug/kg dry	*	11/16/11 12:47	11/16/11 17:23	1.0
Methylene Chloride	<58		120	58	ug/kg dry	*	11/16/11 12:47	11/16/11 17:23	1.0
Methyl tert-Butyl Ether	<29		120	29	ug/kg dry	*	11/16/11 12:47	11/16/11 17:23	1.0
Naphthalene	930		120	58	ug/kg dry	*	11/16/11 12:47	11/16/11 17:23	1.0
n-Propylbenzene	<29		120	29	ug/kg dry	*	11/16/11 12:47	11/16/11 17:23	1.0
Styrene	<58		120	58	ug/kg dry	*	11/16/11 12:47	11/16/11 17:23	1.0
1,1,1,2-Tetrachloroethane	<29		120	29	ug/kg dry	*	11/16/11 12:47	11/16/11 17:23	1.0
1,1,2,2-Tetrachloroethane	<29		120	29	ug/kg dry	*	11/16/11 12:47	11/16/11 17:23	1.0
Tetrachloroethene	<29		120	29	ug/kg dry	*	11/16/11 12:47	11/16/11 17:23	1.0
Toluene	<29		120	29	ug/kg dry	*	11/16/11 12:47	11/16/11 17:23	1.0
1,2,3-Trichlorobenzene	<29		120	29	ug/kg dry	*	11/16/11 12:47	11/16/11 17:23	1.0

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-20-11 0-2'

Lab Sample ID: WUK0392-13

Date Collected: 11/10/11 10:45

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 86

Method: SW 8260B - VOCs by SW8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 17:23	1.0
1,1,1-Trichloroethane	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 17:23	1.0
1,1,2-Trichloroethane	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 17:23	1.0
Trichloroethene	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 17:23	1.0
Trichlorofluoromethane	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 17:23	1.0
1,2,3-Trichloropropane	<58		120	58	ug/kg dry	☼	11/16/11 12:47	11/16/11 17:23	1.0
1,2,4-Trimethylbenzene	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 17:23	1.0
1,3,5-Trimethylbenzene	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 17:23	1.0
Vinyl chloride	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 17:23	1.0
Xylenes, total	<87		350	87	ug/kg dry	☼	11/16/11 12:47	11/16/11 17:23	1.0
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Dibromofluoromethane	97		80 - 120				11/16/11 12:47	11/16/11 17:23	1.0
Toluene-d8	99		80 - 120				11/16/11 12:47	11/16/11 17:23	1.0
4-Bromofluorobenzene	99		80 - 120				11/16/11 12:47	11/16/11 17:23	1.0

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.50		0.037	0.011	mg/Kg	☼	11/20/11 21:23	11/23/11 20:47	1
Acenaphthylene	0.71		0.037	0.0085	mg/Kg	☼	11/20/11 21:23	11/23/11 20:47	1
Benzo[k]fluoranthene	1.7		0.037	0.0088	mg/Kg	☼	11/20/11 21:23	11/23/11 20:47	1
Dibenz(a,h)anthracene	0.91		0.037	0.010	mg/Kg	☼	11/20/11 21:23	11/23/11 20:47	1
Fluorene	0.45		0.037	0.0084	mg/Kg	☼	11/20/11 21:23	11/23/11 20:47	1
Naphthalene	0.85		0.037	0.0072	mg/Kg	☼	11/20/11 21:23	11/23/11 20:47	1
Phenanthrene	1.4		0.037	0.016	mg/Kg	☼	11/20/11 21:23	11/23/11 20:47	1
2-Methylnaphthalene	0.093	J	0.19	0.048	mg/Kg	☼	11/20/11 21:23	11/23/11 20:47	1
1-Methylnaphthalene	0.066		0.037	0.018	mg/Kg	☼	11/20/11 21:23	11/23/11 20:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	94		27 - 113				11/20/11 21:23	11/23/11 20:47	1
Nitrobenzene-d5	80		22 - 110				11/20/11 21:23	11/23/11 20:47	1
Terphenyl-d14	105		33 - 129				11/20/11 21:23	11/23/11 20:47	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	3.4		0.92	0.22	mg/Kg	☼	11/20/11 21:23	11/27/11 01:48	25
Benzo[a]anthracene	6.3		0.92	0.19	mg/Kg	☼	11/20/11 21:23	11/27/11 01:48	25
Benzo[a]pyrene	6.9		0.92	0.17	mg/Kg	☼	11/20/11 21:23	11/27/11 01:48	25
Benzo[b]fluoranthene	11		0.92	0.18	mg/Kg	☼	11/20/11 21:23	11/27/11 01:48	25
Benzo[g,h,i]perylene	4.6		0.92	0.31	mg/Kg	☼	11/20/11 21:23	11/27/11 01:48	25
Chrysene	7.6		0.92	0.21	mg/Kg	☼	11/20/11 21:23	11/27/11 01:48	25
Fluoranthene	14		0.92	0.38	mg/Kg	☼	11/20/11 21:23	11/27/11 01:48	25
Indeno[1,2,3-cd]pyrene	4.2		0.92	0.31	mg/Kg	☼	11/20/11 21:23	11/27/11 01:48	25
Pyrene	10		0.92	0.34	mg/Kg	☼	11/20/11 21:23	11/27/11 01:48	25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0066		0.018	0.0066	mg/Kg	☼	11/21/11 19:46	11/23/11 07:19	1
PCB-1221	<0.015		0.018	0.015	mg/Kg	☼	11/21/11 19:46	11/23/11 07:19	1
PCB-1232	<0.0072		0.018	0.0072	mg/Kg	☼	11/21/11 19:46	11/23/11 07:19	1
PCB-1242	<0.0089		0.018	0.0089	mg/Kg	☼	11/21/11 19:46	11/23/11 07:19	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-20-11 0-2'

Lab Sample ID: WUK0392-13

Date Collected: 11/10/11 10:45

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 86.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	<0.0068		0.018	0.0068	mg/Kg	☼	11/21/11 19:46	11/23/11 07:19	1
PCB-1254	<0.0053		0.018	0.0053	mg/Kg	☼	11/21/11 19:46	11/23/11 07:19	1
PCB-1260	<0.0043		0.018	0.0043	mg/Kg	☼	11/21/11 19:46	11/23/11 07:19	1
Polychlorinated biphenyls, Total	<0.0029		0.018	0.0029	mg/Kg	☼	11/21/11 19:46	11/23/11 07:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	77		28 - 124				11/21/11 19:46	11/23/11 07:19	1
DCB Decachlorobiphenyl	98		38 - 130				11/21/11 19:46	11/23/11 07:19	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.9		0.99	0.14	mg/Kg	☼	11/20/11 15:48	11/21/11 17:59	1
Barium	60		0.99	0.056	mg/Kg	☼	11/20/11 15:48	11/21/11 17:59	1
Cadmium	0.35		0.20	0.027	mg/Kg	☼	11/20/11 15:48	11/21/11 17:59	1
Chromium	19		0.99	0.084	mg/Kg	☼	11/20/11 15:48	11/21/11 17:59	1
Lead	7.9		0.50	0.24	mg/Kg	☼	11/20/11 15:48	11/21/11 17:59	1
Selenium	<0.28		0.99	0.28	mg/Kg	☼	11/20/11 15:48	11/21/11 17:59	1
Silver	<0.063		0.50	0.063	mg/Kg	☼	11/20/11 15:48	11/21/11 17:59	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.058		0.017	0.0051	mg/Kg	☼	11/23/11 08:15	11/23/11 11:45	1

Client Sample ID: B-39 0-2'

Lab Sample ID: WUK0392-14

Date Collected: 11/10/11 10:50

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 85.7

Method: SW 8260B - VOCs by SW8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 17:50	1.0
Bromobenzene	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 17:50	1.0
Bromochloromethane	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 17:50	1.0
Bromodichloromethane	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 17:50	1.0
Bromoform	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 17:50	1.0
Bromomethane	<120		290	120	ug/kg dry	☼	11/16/11 12:47	11/16/11 17:50	1.0
n-Butylbenzene	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 17:50	1.0
sec-Butylbenzene	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 17:50	1.0
tert-Butylbenzene	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 17:50	1.0
Carbon Tetrachloride	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 17:50	1.0
Chlorobenzene	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 17:50	1.0
Chlorodibromomethane	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 17:50	1.0
Chloroethane	<58		120	58	ug/kg dry	☼	11/16/11 12:47	11/16/11 17:50	1.0
Chloroform	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 17:50	1.0
Chloromethane	<58		120	58	ug/kg dry	☼	11/16/11 12:47	11/16/11 17:50	1.0
2-Chlorotoluene	<58		120	58	ug/kg dry	☼	11/16/11 12:47	11/16/11 17:50	1.0
4-Chlorotoluene	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 17:50	1.0
1,2-Dibromo-3-chloropropane	<58		120	58	ug/kg dry	☼	11/16/11 12:47	11/16/11 17:50	1.0
1,2-Dibromoethane (EDB)	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 17:50	1.0
Dibromomethane	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 17:50	1.0
1,2-Dichlorobenzene	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 17:50	1.0

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-39 0-2'

Lab Sample ID: WUK0392-14

Date Collected: 11/10/11 10:50

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 85.7

Method: SW 8260B - VOCs by SW8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 17:50	1.0
1,4-Dichlorobenzene	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 17:50	1.0
Dichlorodifluoromethane	<58		120	58	ug/kg dry	☼	11/16/11 12:47	11/16/11 17:50	1.0
1,1-Dichloroethane	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 17:50	1.0
1,2-Dichloroethane	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 17:50	1.0
1,1-Dichloroethene	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 17:50	1.0
cis-1,2-Dichloroethene	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 17:50	1.0
trans-1,2-Dichloroethene	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 17:50	1.0
1,2-Dichloropropane	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 17:50	1.0
1,3-Dichloropropane	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 17:50	1.0
2,2-Dichloropropane	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 17:50	1.0
1,1-Dichloropropene	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 17:50	1.0
cis-1,3-Dichloropropene	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 17:50	1.0
trans-1,3-Dichloropropene	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 17:50	1.0
Isopropyl Ether	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 17:50	1.0
Ethylbenzene	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 17:50	1.0
Hexachlorobutadiene	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 17:50	1.0
Isopropylbenzene	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 17:50	1.0
p-Isopropyltoluene	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 17:50	1.0
Methylene Chloride	<58		120	58	ug/kg dry	☼	11/16/11 12:47	11/16/11 17:50	1.0
Methyl tert-Butyl Ether	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 17:50	1.0
Naphthalene	<58		120	58	ug/kg dry	☼	11/16/11 12:47	11/16/11 17:50	1.0
n-Propylbenzene	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 17:50	1.0
Styrene	<58		120	58	ug/kg dry	☼	11/16/11 12:47	11/16/11 17:50	1.0
1,1,1,2-Tetrachloroethane	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 17:50	1.0
1,1,1,2,2-Tetrachloroethane	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 17:50	1.0
Tetrachloroethene	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 17:50	1.0
Toluene	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 17:50	1.0
1,2,3-Trichlorobenzene	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 17:50	1.0
1,2,4-Trichlorobenzene	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 17:50	1.0
1,1,1-Trichloroethane	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 17:50	1.0
1,1,2-Trichloroethane	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 17:50	1.0
Trichloroethene	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 17:50	1.0
Trichlorofluoromethane	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 17:50	1.0
1,2,3-Trichloropropane	<58		120	58	ug/kg dry	☼	11/16/11 12:47	11/16/11 17:50	1.0
1,2,4-Trimethylbenzene	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 17:50	1.0
1,3,5-Trimethylbenzene	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 17:50	1.0
Vinyl chloride	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 17:50	1.0
Xylenes, total	<88		350	88	ug/kg dry	☼	11/16/11 12:47	11/16/11 17:50	1.0

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane	98		80 - 120	11/16/11 12:47	11/16/11 17:50	1.0
Toluene-d8	99		80 - 120	11/16/11 12:47	11/16/11 17:50	1.0
4-Bromofluorobenzene	98		80 - 120	11/16/11 12:47	11/16/11 17:50	1.0

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.023	J	0.038	0.012	mg/Kg	☼	11/20/11 21:23	11/23/11 21:09	1
Acenaphthylene	0.099		0.038	0.0088	mg/Kg	☼	11/20/11 21:23	11/23/11 21:09	1
Anthracene	0.23		0.038	0.0091	mg/Kg	☼	11/20/11 21:23	11/23/11 21:09	1
Benzo[a]anthracene	0.52		0.038	0.0081	mg/Kg	☼	11/20/11 21:23	11/23/11 21:09	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-39 0-2'

Lab Sample ID: WUK0392-14

Date Collected: 11/10/11 10:50

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 85.7

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	0.60		0.038	0.0070	mg/Kg	☼	11/20/11 21:23	11/23/11 21:09	1
Benzo[b]fluoranthene	0.62		0.038	0.0075	mg/Kg	☼	11/20/11 21:23	11/23/11 21:09	1
Benzo[g,h,i]perylene	0.35		0.038	0.013	mg/Kg	☼	11/20/11 21:23	11/23/11 21:09	1
Benzo[k]fluoranthene	0.41		0.038	0.0092	mg/Kg	☼	11/20/11 21:23	11/23/11 21:09	1
Chrysene	0.55		0.038	0.0087	mg/Kg	☼	11/20/11 21:23	11/23/11 21:09	1
Dibenz(a,h)anthracene	0.12		0.038	0.011	mg/Kg	☼	11/20/11 21:23	11/23/11 21:09	1
Fluoranthene	1.1		0.038	0.016	mg/Kg	☼	11/20/11 21:23	11/23/11 21:09	1
Fluorene	0.041		0.038	0.0088	mg/Kg	☼	11/20/11 21:23	11/23/11 21:09	1
Indeno[1,2,3-cd]pyrene	0.35		0.038	0.013	mg/Kg	☼	11/20/11 21:23	11/23/11 21:09	1
Naphthalene	0.011	J	0.038	0.0074	mg/Kg	☼	11/20/11 21:23	11/23/11 21:09	1
Phenanthrene	0.26		0.038	0.016	mg/Kg	☼	11/20/11 21:23	11/23/11 21:09	1
Pyrene	0.90		0.038	0.014	mg/Kg	☼	11/20/11 21:23	11/23/11 21:09	1
2-Methylnaphthalene	<0.050		0.19	0.050	mg/Kg	☼	11/20/11 21:23	11/23/11 21:09	1
1-Methylnaphthalene	<0.019		0.038	0.019	mg/Kg	☼	11/20/11 21:23	11/23/11 21:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	96		27 - 113				11/20/11 21:23	11/23/11 21:09	1
Nitrobenzene-d5	82		22 - 110				11/20/11 21:23	11/23/11 21:09	1
Terphenyl-d14	96		33 - 129				11/20/11 21:23	11/23/11 21:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0068		0.019	0.0068	mg/Kg	☼	11/21/11 19:46	11/23/11 07:34	1
PCB-1221	<0.015		0.019	0.015	mg/Kg	☼	11/21/11 19:46	11/23/11 07:34	1
PCB-1232	<0.0073		0.019	0.0073	mg/Kg	☼	11/21/11 19:46	11/23/11 07:34	1
PCB-1242	<0.0090		0.019	0.0090	mg/Kg	☼	11/21/11 19:46	11/23/11 07:34	1
PCB-1248	<0.0069		0.019	0.0069	mg/Kg	☼	11/21/11 19:46	11/23/11 07:34	1
PCB-1254	0.048		0.019	0.0054	mg/Kg	☼	11/21/11 19:46	11/23/11 07:34	1
PCB-1260	<0.0044		0.019	0.0044	mg/Kg	☼	11/21/11 19:46	11/23/11 07:34	1
Polychlorinated biphenyls, Total	0.048		0.019	0.0029	mg/Kg	☼	11/21/11 19:46	11/23/11 07:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	79		28 - 124				11/21/11 19:46	11/23/11 07:34	1
DCB Decachlorobiphenyl	101		38 - 130				11/21/11 19:46	11/23/11 07:34	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.5		1.1	0.15	mg/Kg	☼	11/20/11 15:48	11/21/11 18:05	1
Barium	82		1.1	0.060	mg/Kg	☼	11/20/11 15:48	11/21/11 18:05	1
Cadmium	0.44		0.22	0.029	mg/Kg	☼	11/20/11 15:48	11/21/11 18:05	1
Chromium	23		1.1	0.091	mg/Kg	☼	11/20/11 15:48	11/21/11 18:05	1
Lead	8.7		0.54	0.26	mg/Kg	☼	11/20/11 15:48	11/21/11 18:05	1
Selenium	<0.30		1.1	0.30	mg/Kg	☼	11/20/11 15:48	11/21/11 18:05	1
Silver	<0.068		0.54	0.068	mg/Kg	☼	11/20/11 15:48	11/21/11 18:05	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.026		0.019	0.0059	mg/Kg	☼	11/23/11 08:15	11/23/11 11:47	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-17-11 0-2'

Lab Sample ID: WUK0392-15

Date Collected: 11/10/11 11:00

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 87.3

Method: SW 8260B - VOCs by SW8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<29		110	29	ug/kg dry	*	11/16/11 12:47	11/16/11 18:18	1.0
Bromobenzene	<29		110	29	ug/kg dry	*	11/16/11 12:47	11/16/11 18:18	1.0
Bromochloromethane	<29		110	29	ug/kg dry	*	11/16/11 12:47	11/16/11 18:18	1.0
Bromodichloromethane	<29		110	29	ug/kg dry	*	11/16/11 12:47	11/16/11 18:18	1.0
Bromoform	<29		110	29	ug/kg dry	*	11/16/11 12:47	11/16/11 18:18	1.0
Bromomethane	<110		290	110	ug/kg dry	*	11/16/11 12:47	11/16/11 18:18	1.0
n-Butylbenzene	<29		110	29	ug/kg dry	*	11/16/11 12:47	11/16/11 18:18	1.0
sec-Butylbenzene	<29		110	29	ug/kg dry	*	11/16/11 12:47	11/16/11 18:18	1.0
tert-Butylbenzene	<29		110	29	ug/kg dry	*	11/16/11 12:47	11/16/11 18:18	1.0
Carbon Tetrachloride	<29		110	29	ug/kg dry	*	11/16/11 12:47	11/16/11 18:18	1.0
Chlorobenzene	<29		110	29	ug/kg dry	*	11/16/11 12:47	11/16/11 18:18	1.0
Chlorodibromomethane	<29		110	29	ug/kg dry	*	11/16/11 12:47	11/16/11 18:18	1.0
Chloroethane	<57		110	57	ug/kg dry	*	11/16/11 12:47	11/16/11 18:18	1.0
Chloroform	<29		110	29	ug/kg dry	*	11/16/11 12:47	11/16/11 18:18	1.0
Chloromethane	<57		110	57	ug/kg dry	*	11/16/11 12:47	11/16/11 18:18	1.0
2-Chlorotoluene	<57		110	57	ug/kg dry	*	11/16/11 12:47	11/16/11 18:18	1.0
4-Chlorotoluene	<29		110	29	ug/kg dry	*	11/16/11 12:47	11/16/11 18:18	1.0
1,2-Dibromo-3-chloropropane	<57		110	57	ug/kg dry	*	11/16/11 12:47	11/16/11 18:18	1.0
1,2-Dibromoethane (EDB)	<29		110	29	ug/kg dry	*	11/16/11 12:47	11/16/11 18:18	1.0
Dibromomethane	<29		110	29	ug/kg dry	*	11/16/11 12:47	11/16/11 18:18	1.0
1,2-Dichlorobenzene	<29		110	29	ug/kg dry	*	11/16/11 12:47	11/16/11 18:18	1.0
1,3-Dichlorobenzene	<29		110	29	ug/kg dry	*	11/16/11 12:47	11/16/11 18:18	1.0
1,4-Dichlorobenzene	<29		110	29	ug/kg dry	*	11/16/11 12:47	11/16/11 18:18	1.0
Dichlorodifluoromethane	<57		110	57	ug/kg dry	*	11/16/11 12:47	11/16/11 18:18	1.0
1,1-Dichloroethane	<29		110	29	ug/kg dry	*	11/16/11 12:47	11/16/11 18:18	1.0
1,2-Dichloroethane	<29		110	29	ug/kg dry	*	11/16/11 12:47	11/16/11 18:18	1.0
1,1-Dichloroethene	<29		110	29	ug/kg dry	*	11/16/11 12:47	11/16/11 18:18	1.0
cis-1,2-Dichloroethene	<29		110	29	ug/kg dry	*	11/16/11 12:47	11/16/11 18:18	1.0
trans-1,2-Dichloroethene	<29		110	29	ug/kg dry	*	11/16/11 12:47	11/16/11 18:18	1.0
1,2-Dichloropropane	<29		110	29	ug/kg dry	*	11/16/11 12:47	11/16/11 18:18	1.0
1,3-Dichloropropane	<29		110	29	ug/kg dry	*	11/16/11 12:47	11/16/11 18:18	1.0
2,2-Dichloropropane	<29		110	29	ug/kg dry	*	11/16/11 12:47	11/16/11 18:18	1.0
1,1-Dichloropropene	<29		110	29	ug/kg dry	*	11/16/11 12:47	11/16/11 18:18	1.0
cis-1,3-Dichloropropene	<29		110	29	ug/kg dry	*	11/16/11 12:47	11/16/11 18:18	1.0
trans-1,3-Dichloropropene	<29		110	29	ug/kg dry	*	11/16/11 12:47	11/16/11 18:18	1.0
Isopropyl Ether	<29		110	29	ug/kg dry	*	11/16/11 12:47	11/16/11 18:18	1.0
Ethylbenzene	<29		110	29	ug/kg dry	*	11/16/11 12:47	11/16/11 18:18	1.0
Hexachlorobutadiene	<29		110	29	ug/kg dry	*	11/16/11 12:47	11/16/11 18:18	1.0
Isopropylbenzene	<29		110	29	ug/kg dry	*	11/16/11 12:47	11/16/11 18:18	1.0
p-Isopropyltoluene	<29		110	29	ug/kg dry	*	11/16/11 12:47	11/16/11 18:18	1.0
Methylene Chloride	<57		110	57	ug/kg dry	*	11/16/11 12:47	11/16/11 18:18	1.0
Methyl tert-Butyl Ether	<29		110	29	ug/kg dry	*	11/16/11 12:47	11/16/11 18:18	1.0
Naphthalene	520		110	57	ug/kg dry	*	11/16/11 12:47	11/16/11 18:18	1.0
n-Propylbenzene	<29		110	29	ug/kg dry	*	11/16/11 12:47	11/16/11 18:18	1.0
Styrene	<57		110	57	ug/kg dry	*	11/16/11 12:47	11/16/11 18:18	1.0
1,1,1,2-Tetrachloroethane	<29		110	29	ug/kg dry	*	11/16/11 12:47	11/16/11 18:18	1.0
1,1,2,2-Tetrachloroethane	<29		110	29	ug/kg dry	*	11/16/11 12:47	11/16/11 18:18	1.0
Tetrachloroethene	<29		110	29	ug/kg dry	*	11/16/11 12:47	11/16/11 18:18	1.0
Toluene	<29		110	29	ug/kg dry	*	11/16/11 12:47	11/16/11 18:18	1.0
1,2,3-Trichlorobenzene	<29		110	29	ug/kg dry	*	11/16/11 12:47	11/16/11 18:18	1.0

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-17-11 0-2'

Lab Sample ID: WUK0392-15

Date Collected: 11/10/11 11:00

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 87.3

Method: SW 8260B - VOCs by SW8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<29		110	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 18:18	1.0
1,1,1-Trichloroethane	<29		110	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 18:18	1.0
1,1,2-Trichloroethane	<29		110	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 18:18	1.0
Trichloroethene	<29		110	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 18:18	1.0
Trichlorofluoromethane	<29		110	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 18:18	1.0
1,2,3-Trichloropropane	<57		110	57	ug/kg dry	☼	11/16/11 12:47	11/16/11 18:18	1.0
1,2,4-Trimethylbenzene	<29		110	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 18:18	1.0
1,3,5-Trimethylbenzene	<29		110	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 18:18	1.0
Vinyl chloride	<29		110	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 18:18	1.0
Xylenes, total	<86		340	86	ug/kg dry	☼	11/16/11 12:47	11/16/11 18:18	1.0
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Dibromofluoromethane	96		80 - 120				11/16/11 12:47	11/16/11 18:18	1.0
Toluene-d8	100		80 - 120				11/16/11 12:47	11/16/11 18:18	1.0
4-Bromofluorobenzene	100		80 - 120				11/16/11 12:47	11/16/11 18:18	1.0

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	57		1.8	0.54	mg/Kg	☼	11/20/11 21:23	11/23/11 21:31	50
Acenaphthylene	13		1.8	0.42	mg/Kg	☼	11/20/11 21:23	11/23/11 21:31	50
Dibenz(a,h)anthracene	56		1.8	0.51	mg/Kg	☼	11/20/11 21:23	11/23/11 21:31	50
Fluorene	96		1.8	0.41	mg/Kg	☼	11/20/11 21:23	11/23/11 21:31	50
Naphthalene	37		1.8	0.35	mg/Kg	☼	11/20/11 21:23	11/23/11 21:31	50
2-Methylnaphthalene	23		9.2	2.4	mg/Kg	☼	11/20/11 21:23	11/23/11 21:31	50
1-Methylnaphthalene	14		1.8	0.91	mg/Kg	☼	11/20/11 21:23	11/23/11 21:31	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	0	D	27 - 113				11/20/11 21:23	11/23/11 21:31	50
Nitrobenzene-d5	0	D	22 - 110				11/20/11 21:23	11/23/11 21:31	50
Terphenyl-d14	0	D	33 - 129				11/20/11 21:23	11/23/11 21:31	50

Method: 8270C - Semivolatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	340		18	4.3	mg/Kg	☼	11/20/11 21:23	11/27/11 02:09	500
Benzo[a]anthracene	420		18	3.8	mg/Kg	☼	11/20/11 21:23	11/27/11 02:09	500
Benzo[a]pyrene	290		18	3.3	mg/Kg	☼	11/20/11 21:23	11/27/11 02:09	500
Benzo[b]fluoranthene	370		18	3.5	mg/Kg	☼	11/20/11 21:23	11/27/11 02:09	500
Benzo[g,h,i]perylene	180		18	6.1	mg/Kg	☼	11/20/11 21:23	11/27/11 02:09	500
Benzo[k]fluoranthene	150		18	4.3	mg/Kg	☼	11/20/11 21:23	11/27/11 02:09	500
Chrysene	480		18	4.1	mg/Kg	☼	11/20/11 21:23	11/27/11 02:09	500
Fluoranthene	730		18	7.5	mg/Kg	☼	11/20/11 21:23	11/27/11 02:09	500
Indeno[1,2,3-cd]pyrene	170		18	6.1	mg/Kg	☼	11/20/11 21:23	11/27/11 02:09	500
Phenanthrene	540		18	7.6	mg/Kg	☼	11/20/11 21:23	11/27/11 02:09	500
Pyrene	500		18	6.6	mg/Kg	☼	11/20/11 21:23	11/27/11 02:09	500

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0068		0.019	0.0068	mg/Kg	☼	11/21/11 19:46	11/23/11 07:48	1
PCB-1221	<0.015		0.019	0.015	mg/Kg	☼	11/21/11 19:46	11/23/11 07:48	1
PCB-1232	<0.0074		0.019	0.0074	mg/Kg	☼	11/21/11 19:46	11/23/11 07:48	1
PCB-1242	<0.0091		0.019	0.0091	mg/Kg	☼	11/21/11 19:46	11/23/11 07:48	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-17-11 0-2'

Lab Sample ID: WUK0392-15

Date Collected: 11/10/11 11:00

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 87.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	<0.0069		0.019	0.0069	mg/Kg	☼	11/21/11 19:46	11/23/11 07:48	1
PCB-1254	<0.0054		0.019	0.0054	mg/Kg	☼	11/21/11 19:46	11/23/11 07:48	1
PCB-1260	<0.0044		0.019	0.0044	mg/Kg	☼	11/21/11 19:46	11/23/11 07:48	1
Polychlorinated biphenyls, Total	<0.0029		0.019	0.0029	mg/Kg	☼	11/21/11 19:46	11/23/11 07:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	80		28 - 124				11/21/11 19:46	11/23/11 07:48	1
DCB Decachlorobiphenyl	94		38 - 130				11/21/11 19:46	11/23/11 07:48	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	8.1		1.1	0.15	mg/Kg	☼	11/20/11 15:48	11/21/11 18:11	1
Barium	62		1.1	0.060	mg/Kg	☼	11/20/11 15:48	11/21/11 18:11	1
Cadmium	0.75		0.21	0.029	mg/Kg	☼	11/20/11 15:48	11/21/11 18:11	1
Chromium	27		1.1	0.091	mg/Kg	☼	11/20/11 15:48	11/21/11 18:11	1
Lead	32		0.53	0.26	mg/Kg	☼	11/20/11 15:48	11/21/11 18:11	1
Selenium	0.78	J	1.1	0.30	mg/Kg	☼	11/20/11 15:48	11/21/11 18:11	1
Silver	<0.067		0.53	0.067	mg/Kg	☼	11/20/11 15:48	11/21/11 18:11	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	2.2		0.38	0.11	mg/Kg	☼	11/23/11 08:15	11/23/11 13:21	20

Client Sample ID: B-01-11 0-2'

Lab Sample ID: WUK0392-16

Date Collected: 11/10/11 11:05

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 85.5

Method: SW 8260B - VOCs by SW8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 18:45	1.0
Bromobenzene	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 18:45	1.0
Bromochloromethane	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 18:45	1.0
Bromodichloromethane	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 18:45	1.0
Bromoform	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 18:45	1.0
Bromomethane	<120		290	120	ug/kg dry	☼	11/16/11 12:47	11/16/11 18:45	1.0
n-Butylbenzene	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 18:45	1.0
sec-Butylbenzene	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 18:45	1.0
tert-Butylbenzene	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 18:45	1.0
Carbon Tetrachloride	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 18:45	1.0
Chlorobenzene	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 18:45	1.0
Chlorodibromomethane	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 18:45	1.0
Chloroethane	<58		120	58	ug/kg dry	☼	11/16/11 12:47	11/16/11 18:45	1.0
Chloroform	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 18:45	1.0
Chloromethane	<58		120	58	ug/kg dry	☼	11/16/11 12:47	11/16/11 18:45	1.0
2-Chlorotoluene	<58		120	58	ug/kg dry	☼	11/16/11 12:47	11/16/11 18:45	1.0
4-Chlorotoluene	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 18:45	1.0
1,2-Dibromo-3-chloropropane	<58		120	58	ug/kg dry	☼	11/16/11 12:47	11/16/11 18:45	1.0
1,2-Dibromoethane (EDB)	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 18:45	1.0
Dibromomethane	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 18:45	1.0
1,2-Dichlorobenzene	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 18:45	1.0

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-01-11 0-2'

Lab Sample ID: WUK0392-16

Date Collected: 11/10/11 11:05

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 85.5

Method: SW 8260B - VOCs by SW8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 18:45	1.0
1,4-Dichlorobenzene	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 18:45	1.0
Dichlorodifluoromethane	<58		120	58	ug/kg dry	☼	11/16/11 12:47	11/16/11 18:45	1.0
1,1-Dichloroethane	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 18:45	1.0
1,2-Dichloroethane	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 18:45	1.0
1,1-Dichloroethene	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 18:45	1.0
cis-1,2-Dichloroethene	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 18:45	1.0
trans-1,2-Dichloroethene	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 18:45	1.0
1,2-Dichloropropane	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 18:45	1.0
1,3-Dichloropropane	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 18:45	1.0
2,2-Dichloropropane	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 18:45	1.0
1,1-Dichloropropene	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 18:45	1.0
cis-1,3-Dichloropropene	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 18:45	1.0
trans-1,3-Dichloropropene	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 18:45	1.0
Isopropyl Ether	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 18:45	1.0
Ethylbenzene	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 18:45	1.0
Hexachlorobutadiene	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 18:45	1.0
Isopropylbenzene	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 18:45	1.0
p-Isopropyltoluene	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 18:45	1.0
Methylene Chloride	<58		120	58	ug/kg dry	☼	11/16/11 12:47	11/16/11 18:45	1.0
Methyl tert-Butyl Ether	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 18:45	1.0
Naphthalene	<58		120	58	ug/kg dry	☼	11/16/11 12:47	11/16/11 18:45	1.0
n-Propylbenzene	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 18:45	1.0
Styrene	<58		120	58	ug/kg dry	☼	11/16/11 12:47	11/16/11 18:45	1.0
1,1,1,2-Tetrachloroethane	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 18:45	1.0
1,1,2,2-Tetrachloroethane	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 18:45	1.0
Tetrachloroethene	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 18:45	1.0
Toluene	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 18:45	1.0
1,2,3-Trichlorobenzene	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 18:45	1.0
1,2,4-Trichlorobenzene	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 18:45	1.0
1,1,1-Trichloroethane	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 18:45	1.0
1,1,2-Trichloroethane	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 18:45	1.0
Trichloroethene	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 18:45	1.0
Trichlorofluoromethane	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 18:45	1.0
1,2,3-Trichloropropane	<58		120	58	ug/kg dry	☼	11/16/11 12:47	11/16/11 18:45	1.0
1,2,4-Trimethylbenzene	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 18:45	1.0
1,3,5-Trimethylbenzene	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 18:45	1.0
Vinyl chloride	<29		120	29	ug/kg dry	☼	11/16/11 12:47	11/16/11 18:45	1.0
Xylenes, total	<88		350	88	ug/kg dry	☼	11/16/11 12:47	11/16/11 18:45	1.0

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane	97		80 - 120	11/16/11 12:47	11/16/11 18:45	1.0
Toluene-d8	100		80 - 120	11/16/11 12:47	11/16/11 18:45	1.0
4-Bromofluorobenzene	99		80 - 120	11/16/11 12:47	11/16/11 18:45	1.0

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.013	J	0.038	0.011	mg/Kg	☼	11/20/11 21:23	11/22/11 22:36	1
Acenaphthylene	<0.0087		0.038	0.0087	mg/Kg	☼	11/20/11 21:23	11/22/11 22:36	1
Anthracene	0.062		0.038	0.0089	mg/Kg	☼	11/20/11 21:23	11/22/11 22:36	1
Benzo[a]anthracene	0.057		0.038	0.0079	mg/Kg	☼	11/20/11 21:23	11/22/11 22:36	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-01-11 0-2'

Lab Sample ID: WUK0392-16

Date Collected: 11/10/11 11:05

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 85.5

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	0.064		0.038	0.0069	mg/Kg	☼	11/20/11 21:23	11/22/11 22:36	1
Benzo[b]fluoranthene	0.072		0.038	0.0074	mg/Kg	☼	11/20/11 21:23	11/22/11 22:36	1
Benzo[g,h,i]perylene	0.049		0.038	0.013	mg/Kg	☼	11/20/11 21:23	11/22/11 22:36	1
Benzo[k]fluoranthene	0.038		0.038	0.0090	mg/Kg	☼	11/20/11 21:23	11/22/11 22:36	1
Chrysene	0.085		0.038	0.0086	mg/Kg	☼	11/20/11 21:23	11/22/11 22:36	1
Dibenz(a,h)anthracene	0.012	J	0.038	0.011	mg/Kg	☼	11/20/11 21:23	11/22/11 22:36	1
Fluoranthene	0.10		0.038	0.016	mg/Kg	☼	11/20/11 21:23	11/22/11 22:36	1
Fluorene	0.022	J	0.038	0.0086	mg/Kg	☼	11/20/11 21:23	11/22/11 22:36	1
Indeno[1,2,3-cd]pyrene	0.036	J	0.038	0.013	mg/Kg	☼	11/20/11 21:23	11/22/11 22:36	1
Naphthalene	0.019	J	0.038	0.0073	mg/Kg	☼	11/20/11 21:23	11/22/11 22:36	1
Phenanthrene	0.078		0.038	0.016	mg/Kg	☼	11/20/11 21:23	11/22/11 22:36	1
Pyrene	0.089		0.038	0.014	mg/Kg	☼	11/20/11 21:23	11/22/11 22:36	1
2-Methylnaphthalene	<0.049		0.19	0.049	mg/Kg	☼	11/20/11 21:23	11/22/11 22:36	1
1-Methylnaphthalene	<0.019		0.038	0.019	mg/Kg	☼	11/20/11 21:23	11/22/11 22:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	100		27 - 113				11/20/11 21:23	11/22/11 22:36	1
Nitrobenzene-d5	102		22 - 110				11/20/11 21:23	11/22/11 22:36	1
Terphenyl-d14	108		33 - 129				11/20/11 21:23	11/22/11 22:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0067		0.019	0.0067	mg/Kg	☼	11/21/11 19:46	11/23/11 08:02	1
PCB-1221	<0.015		0.019	0.015	mg/Kg	☼	11/21/11 19:46	11/23/11 08:02	1
PCB-1232	<0.0073		0.019	0.0073	mg/Kg	☼	11/21/11 19:46	11/23/11 08:02	1
PCB-1242	<0.0089		0.019	0.0089	mg/Kg	☼	11/21/11 19:46	11/23/11 08:02	1
PCB-1248	<0.0068		0.019	0.0068	mg/Kg	☼	11/21/11 19:46	11/23/11 08:02	1
PCB-1254	<0.0054		0.019	0.0054	mg/Kg	☼	11/21/11 19:46	11/23/11 08:02	1
PCB-1260	<0.0044		0.019	0.0044	mg/Kg	☼	11/21/11 19:46	11/23/11 08:02	1
Polychlorinated biphenyls, Total	<0.0029		0.019	0.0029	mg/Kg	☼	11/21/11 19:46	11/23/11 08:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	85		28 - 124				11/21/11 19:46	11/23/11 08:02	1
DCB Decachlorobiphenyl	98		38 - 130				11/21/11 19:46	11/23/11 08:02	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.9		1.1	0.15	mg/Kg	☼	11/20/11 15:48	11/21/11 18:17	1
Barium	55		1.1	0.060	mg/Kg	☼	11/20/11 15:48	11/21/11 18:17	1
Cadmium	0.34		0.21	0.029	mg/Kg	☼	11/20/11 15:48	11/21/11 18:17	1
Chromium	19		1.1	0.090	mg/Kg	☼	11/20/11 15:48	11/21/11 18:17	1
Lead	7.2		0.53	0.26	mg/Kg	☼	11/20/11 15:48	11/21/11 18:17	1
Selenium	<0.30		1.1	0.30	mg/Kg	☼	11/20/11 15:48	11/21/11 18:17	1
Silver	<0.067		0.53	0.067	mg/Kg	☼	11/20/11 15:48	11/21/11 18:17	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0056		0.018	0.0056	mg/Kg	☼	11/23/11 08:15	11/23/11 11:51	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-02-11 0-2'

Lab Sample ID: WUK0392-17

Date Collected: 11/10/11 11:15

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 88.8

Method: SW 8260B - VOCs by SW8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:12	1.0
Bromobenzene	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:12	1.0
Bromochloromethane	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:12	1.0
Bromodichloromethane	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:12	1.0
Bromoform	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:12	1.0
Bromomethane	<110		280	110	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:12	1.0
n-Butylbenzene	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:12	1.0
sec-Butylbenzene	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:12	1.0
tert-Butylbenzene	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:12	1.0
Carbon Tetrachloride	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:12	1.0
Chlorobenzene	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:12	1.0
Chlorodibromomethane	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:12	1.0
Chloroethane	<56		110	56	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:12	1.0
Chloroform	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:12	1.0
Chloromethane	<56		110	56	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:12	1.0
2-Chlorotoluene	<56		110	56	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:12	1.0
4-Chlorotoluene	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:12	1.0
1,2-Dibromo-3-chloropropane	<56		110	56	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:12	1.0
1,2-Dibromoethane (EDB)	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:12	1.0
Dibromomethane	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:12	1.0
1,2-Dichlorobenzene	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:12	1.0
1,3-Dichlorobenzene	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:12	1.0
1,4-Dichlorobenzene	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:12	1.0
Dichlorodifluoromethane	<56		110	56	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:12	1.0
1,1-Dichloroethane	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:12	1.0
1,2-Dichloroethane	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:12	1.0
1,1-Dichloroethene	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:12	1.0
cis-1,2-Dichloroethene	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:12	1.0
trans-1,2-Dichloroethene	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:12	1.0
1,2-Dichloropropane	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:12	1.0
1,3-Dichloropropane	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:12	1.0
2,2-Dichloropropane	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:12	1.0
1,1-Dichloropropene	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:12	1.0
cis-1,3-Dichloropropene	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:12	1.0
trans-1,3-Dichloropropene	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:12	1.0
Isopropyl Ether	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:12	1.0
Ethylbenzene	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:12	1.0
Hexachlorobutadiene	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:12	1.0
Isopropylbenzene	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:12	1.0
p-Isopropyltoluene	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:12	1.0
Methylene Chloride	<56		110	56	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:12	1.0
Methyl tert-Butyl Ether	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:12	1.0
Naphthalene	420		110	56	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:12	1.0
n-Propylbenzene	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:12	1.0
Styrene	<56		110	56	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:12	1.0
1,1,1,2-Tetrachloroethane	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:12	1.0
1,1,2,2-Tetrachloroethane	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:12	1.0
Tetrachloroethene	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:12	1.0
Toluene	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:12	1.0
1,2,3-Trichlorobenzene	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:12	1.0

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-02-11 0-2'

Lab Sample ID: WUK0392-17

Date Collected: 11/10/11 11:15

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 88.8

Method: SW 8260B - VOCs by SW8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:12	1.0
1,1,1-Trichloroethane	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:12	1.0
1,1,2-Trichloroethane	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:12	1.0
Trichloroethene	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:12	1.0
Trichlorofluoromethane	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:12	1.0
1,2,3-Trichloropropane	<56		110	56	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:12	1.0
1,2,4-Trimethylbenzene	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:12	1.0
1,3,5-Trimethylbenzene	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:12	1.0
Vinyl chloride	<28		110	28	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:12	1.0
Xylenes, total	<84		340	84	ug/kg dry	☼	11/16/11 12:47	11/16/11 19:12	1.0
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Dibromofluoromethane	96		80 - 120				11/16/11 12:47	11/16/11 19:12	1.0
Toluene-d8	100		80 - 120				11/16/11 12:47	11/16/11 19:12	1.0
4-Bromofluorobenzene	98		80 - 120				11/16/11 12:47	11/16/11 19:12	1.0

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.90	0.20	mg/Kg	☼	11/20/11 21:23	11/22/11 23:57	5
1,2-Dichlorobenzene	<0.20		0.90	0.20	mg/Kg	☼	11/20/11 21:23	11/22/11 23:57	5
1,3-Dichlorobenzene	<0.19		0.90	0.19	mg/Kg	☼	11/20/11 21:23	11/22/11 23:57	5
1,4-Dichlorobenzene	<0.19		0.90	0.19	mg/Kg	☼	11/20/11 21:23	11/22/11 23:57	5
2,4,5-Trichlorophenol	<0.51		1.8	0.51	mg/Kg	☼	11/20/11 21:23	11/22/11 23:57	5
2,4,6-Trichlorophenol	<0.23		1.8	0.23	mg/Kg	☼	11/20/11 21:23	11/22/11 23:57	5
2,4-Dichlorophenol	<0.55		1.8	0.55	mg/Kg	☼	11/20/11 21:23	11/22/11 23:57	5
2,4-Dimethylphenol	<0.56		1.8	0.56	mg/Kg	☼	11/20/11 21:23	11/22/11 23:57	5
2,4-Dinitrophenol	<0.92		3.6	0.92	mg/Kg	☼	11/20/11 21:23	11/22/11 23:57	5
2,4-Dinitrotoluene	<0.28		0.90	0.28	mg/Kg	☼	11/20/11 21:23	11/22/11 23:57	5
2,6-Dinitrotoluene	<0.21		0.90	0.21	mg/Kg	☼	11/20/11 21:23	11/22/11 23:57	5
2-Chloronaphthalene	<0.20		0.90	0.20	mg/Kg	☼	11/20/11 21:23	11/22/11 23:57	5
2-Chlorophenol	<0.26		0.90	0.26	mg/Kg	☼	11/20/11 21:23	11/22/11 23:57	5
2-Methylnaphthalene	0.36	J	0.90	0.23	mg/Kg	☼	11/20/11 21:23	11/22/11 23:57	5
2-Methylphenol	<0.24		0.90	0.24	mg/Kg	☼	11/20/11 21:23	11/22/11 23:57	5
2-Nitroaniline	<0.32		0.90	0.32	mg/Kg	☼	11/20/11 21:23	11/22/11 23:57	5
2-Nitrophenol	<0.28		1.8	0.28	mg/Kg	☼	11/20/11 21:23	11/22/11 23:57	5
3 & 4 Methylphenol	<0.34		0.90	0.34	mg/Kg	☼	11/20/11 21:23	11/22/11 23:57	5
3,3'-Dichlorobenzidine	<0.15		0.90	0.15	mg/Kg	☼	11/20/11 21:23	11/22/11 23:57	5
3-Nitroaniline	<0.35		1.8	0.35	mg/Kg	☼	11/20/11 21:23	11/22/11 23:57	5
4,6-Dinitro-2-methylphenol	<0.44		1.8	0.44	mg/Kg	☼	11/20/11 21:23	11/22/11 23:57	5
4-Bromophenyl phenyl ether	<0.20		0.90	0.20	mg/Kg	☼	11/20/11 21:23	11/22/11 23:57	5
4-Chloro-3-methylphenol	<0.86		1.8	0.86	mg/Kg	☼	11/20/11 21:23	11/22/11 23:57	5
4-Chloroaniline	<0.55		3.6	0.55	mg/Kg	☼	11/20/11 21:23	11/22/11 23:57	5
4-Chlorophenyl phenyl ether	<0.28		0.90	0.28	mg/Kg	☼	11/20/11 21:23	11/22/11 23:57	5
4-Nitroaniline	<0.37		1.8	0.37	mg/Kg	☼	11/20/11 21:23	11/22/11 23:57	5
4-Nitrophenol	<0.97		3.6	0.97	mg/Kg	☼	11/20/11 21:23	11/22/11 23:57	5
Acenaphthene	1.1		0.18	0.054	mg/Kg	☼	11/20/11 21:23	11/22/11 23:57	5
Acenaphthylene	0.26		0.18	0.041	mg/Kg	☼	11/20/11 21:23	11/22/11 23:57	5
Anthracene	3.1		0.18	0.042	mg/Kg	☼	11/20/11 21:23	11/22/11 23:57	5
Benzo[g,h,i]perylene	11		0.18	0.061	mg/Kg	☼	11/20/11 21:23	11/22/11 23:57	5
bis (2-chloroisopropyl) ether	<0.20		0.90	0.20	mg/Kg	☼	11/20/11 21:23	11/22/11 23:57	5
Bis(2-chloroethoxy)methane	<0.20		0.90	0.20	mg/Kg	☼	11/20/11 21:23	11/22/11 23:57	5

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-02-11 0-2'

Lab Sample ID: WUK0392-17

Date Collected: 11/10/11 11:15

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 88.8

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethyl)ether	<0.27		0.90	0.27	mg/Kg	☼	11/20/11 21:23	11/22/11 23:57	5
Bis(2-ethylhexyl) phthalate	<0.24		0.90	0.24	mg/Kg	☼	11/20/11 21:23	11/22/11 23:57	5
Butyl benzyl phthalate	<0.22		0.90	0.22	mg/Kg	☼	11/20/11 21:23	11/22/11 23:57	5
Carbazole	1.6		0.90	0.25	mg/Kg	☼	11/20/11 21:23	11/22/11 23:57	5
Dibenz(a,h)anthracene	5.6		0.18	0.050	mg/Kg	☼	11/20/11 21:23	11/22/11 23:57	5
Dibenzofuran	0.55	J	0.90	0.22	mg/Kg	☼	11/20/11 21:23	11/22/11 23:57	5
Diethyl phthalate	<0.30		0.90	0.30	mg/Kg	☼	11/20/11 21:23	11/22/11 23:57	5
Dimethyl phthalate	<0.22		0.90	0.22	mg/Kg	☼	11/20/11 21:23	11/22/11 23:57	5
Di-n-butyl phthalate	<0.23		0.90	0.23	mg/Kg	☼	11/20/11 21:23	11/22/11 23:57	5
Di-n-octyl phthalate	<0.36		0.90	0.36	mg/Kg	☼	11/20/11 21:23	11/22/11 23:57	5
Fluorene	0.89		0.18	0.041	mg/Kg	☼	11/20/11 21:23	11/22/11 23:57	5
Hexachlorobenzene	<0.035		0.36	0.035	mg/Kg	☼	11/20/11 21:23	11/22/11 23:57	5
Hexachlorobutadiene	<0.24		0.90	0.24	mg/Kg	☼	11/20/11 21:23	11/22/11 23:57	5
Hexachlorocyclopentadiene	<0.83		3.6	0.83	mg/Kg	☼	11/20/11 21:23	11/22/11 23:57	5
Hexachloroethane	<0.19		0.90	0.19	mg/Kg	☼	11/20/11 21:23	11/22/11 23:57	5
Indeno[1,2,3-cd]pyrene	9.8		0.18	0.061	mg/Kg	☼	11/20/11 21:23	11/22/11 23:57	5
Isophorone	<0.20		0.90	0.20	mg/Kg	☼	11/20/11 21:23	11/22/11 23:57	5
Naphthalene	1.2		0.18	0.035	mg/Kg	☼	11/20/11 21:23	11/22/11 23:57	5
Nitrobenzene	<0.056		0.18	0.056	mg/Kg	☼	11/20/11 21:23	11/22/11 23:57	5
N-Nitrosodimethylamine	<2.0		3.6	2.0	mg/Kg	☼	11/20/11 21:23	11/22/11 23:57	5
N-Nitrosodi-n-propylamine	<0.23		0.90	0.23	mg/Kg	☼	11/20/11 21:23	11/22/11 23:57	5
Pentachlorophenol	<0.91		3.6	0.91	mg/Kg	☼	11/20/11 21:23	11/22/11 23:57	5
Phenanthrene	8.9		0.18	0.075	mg/Kg	☼	11/20/11 21:23	11/22/11 23:57	5
Phenol	<0.28		0.90	0.28	mg/Kg	☼	11/20/11 21:23	11/22/11 23:57	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	94		30 - 137	11/20/11 21:23	11/22/11 23:57	5
2-Fluorobiphenyl	104		27 - 113	11/20/11 21:23	11/22/11 23:57	5
2-Fluorophenol	85		30 - 110	11/20/11 21:23	11/22/11 23:57	5
Nitrobenzene-d5	104		22 - 110	11/20/11 21:23	11/22/11 23:57	5
Phenol-d5	91		26 - 112	11/20/11 21:23	11/22/11 23:57	5
Terphenyl-d14	127		33 - 129	11/20/11 21:23	11/22/11 23:57	5

Method: 8270C - Semivolatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	21		1.8	0.38	mg/Kg	☼	11/20/11 21:23	11/23/11 15:44	50
Benzo[a]pyrene	26		1.8	0.33	mg/Kg	☼	11/20/11 21:23	11/23/11 15:44	50
Benzo[b]fluoranthene	25		1.8	0.35	mg/Kg	☼	11/20/11 21:23	11/23/11 15:44	50
Benzo[k]fluoranthene	21		1.8	0.43	mg/Kg	☼	11/20/11 21:23	11/23/11 15:44	50
Chrysene	26		1.8	0.41	mg/Kg	☼	11/20/11 21:23	11/23/11 15:44	50
Fluoranthene	41		1.8	0.73	mg/Kg	☼	11/20/11 21:23	11/23/11 15:44	50
Pyrene	38		1.8	0.65	mg/Kg	☼	11/20/11 21:23	11/23/11 15:44	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0067		0.019	0.0067	mg/Kg	☼	11/21/11 19:46	11/23/11 08:16	1
PCB-1221	<0.015		0.019	0.015	mg/Kg	☼	11/21/11 19:46	11/23/11 08:16	1
PCB-1232	<0.0073		0.019	0.0073	mg/Kg	☼	11/21/11 19:46	11/23/11 08:16	1
PCB-1242	<0.0089		0.019	0.0089	mg/Kg	☼	11/21/11 19:46	11/23/11 08:16	1
PCB-1248	<0.0068		0.019	0.0068	mg/Kg	☼	11/21/11 19:46	11/23/11 08:16	1
PCB-1254	<0.0054		0.019	0.0054	mg/Kg	☼	11/21/11 19:46	11/23/11 08:16	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-02-11 0-2'

Lab Sample ID: WUK0392-17

Date Collected: 11/10/11 11:15

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 88.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1260	<0.0044		0.019	0.0044	mg/Kg	☼	11/21/11 19:46	11/23/11 08:16	1
Polychlorinated biphenyls, Total	<0.0029		0.019	0.0029	mg/Kg	☼	11/21/11 19:46	11/23/11 08:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	74		28 - 124				11/21/11 19:46	11/23/11 08:16	1
DCB Decachlorobiphenyl	93		38 - 130				11/21/11 19:46	11/23/11 08:16	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.7		0.98	0.14	mg/Kg	☼	11/20/11 15:48	11/21/11 18:23	1
Barium	52		0.98	0.055	mg/Kg	☼	11/20/11 15:48	11/21/11 18:23	1
Cadmium	0.48		0.20	0.026	mg/Kg	☼	11/20/11 15:48	11/21/11 18:23	1
Chromium	18		0.98	0.083	mg/Kg	☼	11/20/11 15:48	11/21/11 18:23	1
Lead	10		0.49	0.23	mg/Kg	☼	11/20/11 15:48	11/21/11 18:23	1
Selenium	<0.27		0.98	0.27	mg/Kg	☼	11/20/11 15:48	11/21/11 18:23	1
Silver	<0.061		0.49	0.061	mg/Kg	☼	11/20/11 15:48	11/21/11 18:23	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.069		0.019	0.0057	mg/Kg	☼	11/23/11 08:15	11/23/11 11:53	1

Client Sample ID: B-40 0-2'

Lab Sample ID: WUK0392-18

Date Collected: 11/10/11 11:25

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 81

Method: SW 8260B - VOCs by SW8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<31		120	31	ug/kg dry	☼	11/17/11 13:37	11/17/11 17:14	1.0
Bromobenzene	<31		120	31	ug/kg dry	☼	11/17/11 13:37	11/17/11 17:14	1.0
Bromochloromethane	<31		120	31	ug/kg dry	☼	11/17/11 13:37	11/17/11 17:14	1.0
Bromodichloromethane	<31		120	31	ug/kg dry	☼	11/17/11 13:37	11/17/11 17:14	1.0
Bromoform	<31		120	31	ug/kg dry	☼	11/17/11 13:37	11/17/11 17:14	1.0
Bromomethane	<120		310	120	ug/kg dry	☼	11/17/11 13:37	11/17/11 17:14	1.0
n-Butylbenzene	150		120	31	ug/kg dry	☼	11/17/11 13:37	11/17/11 17:14	1.0
sec-Butylbenzene	52 J		120	31	ug/kg dry	☼	11/17/11 13:37	11/17/11 17:14	1.0
tert-Butylbenzene	<31		120	31	ug/kg dry	☼	11/17/11 13:37	11/17/11 17:14	1.0
Carbon Tetrachloride	<31		120	31	ug/kg dry	☼	11/17/11 13:37	11/17/11 17:14	1.0
Chlorobenzene	<31		120	31	ug/kg dry	☼	11/17/11 13:37	11/17/11 17:14	1.0
Chlorodibromomethane	<31		120	31	ug/kg dry	☼	11/17/11 13:37	11/17/11 17:14	1.0
Chloroethane	<62		120	62	ug/kg dry	☼	11/17/11 13:37	11/17/11 17:14	1.0
Chloroform	<31		120	31	ug/kg dry	☼	11/17/11 13:37	11/17/11 17:14	1.0
Chloromethane	<62		120	62	ug/kg dry	☼	11/17/11 13:37	11/17/11 17:14	1.0
2-Chlorotoluene	<62		120	62	ug/kg dry	☼	11/17/11 13:37	11/17/11 17:14	1.0
4-Chlorotoluene	<31		120	31	ug/kg dry	☼	11/17/11 13:37	11/17/11 17:14	1.0
1,2-Dibromo-3-chloropropane	<62		120	62	ug/kg dry	☼	11/17/11 13:37	11/17/11 17:14	1.0
1,2-Dibromoethane (EDB)	<31		120	31	ug/kg dry	☼	11/17/11 13:37	11/17/11 17:14	1.0
Dibromomethane	<31		120	31	ug/kg dry	☼	11/17/11 13:37	11/17/11 17:14	1.0
1,2-Dichlorobenzene	<31		120	31	ug/kg dry	☼	11/17/11 13:37	11/17/11 17:14	1.0
1,3-Dichlorobenzene	<31		120	31	ug/kg dry	☼	11/17/11 13:37	11/17/11 17:14	1.0
1,4-Dichlorobenzene	<31		120	31	ug/kg dry	☼	11/17/11 13:37	11/17/11 17:14	1.0

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-40 0-2'

Lab Sample ID: WUK0392-18

Date Collected: 11/10/11 11:25

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 81

Method: SW 8260B - VOCs by SW8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<62		120	62	ug/kg dry	☼	11/17/11 13:37	11/17/11 17:14	1.0
1,1-Dichloroethane	<31		120	31	ug/kg dry	☼	11/17/11 13:37	11/17/11 17:14	1.0
1,2-Dichloroethane	<31		120	31	ug/kg dry	☼	11/17/11 13:37	11/17/11 17:14	1.0
1,1-Dichloroethene	<31		120	31	ug/kg dry	☼	11/17/11 13:37	11/17/11 17:14	1.0
cis-1,2-Dichloroethene	<31		120	31	ug/kg dry	☼	11/17/11 13:37	11/17/11 17:14	1.0
trans-1,2-Dichloroethene	<31		120	31	ug/kg dry	☼	11/17/11 13:37	11/17/11 17:14	1.0
1,2-Dichloropropane	<31		120	31	ug/kg dry	☼	11/17/11 13:37	11/17/11 17:14	1.0
1,3-Dichloropropane	<31		120	31	ug/kg dry	☼	11/17/11 13:37	11/17/11 17:14	1.0
2,2-Dichloropropane	<31		120	31	ug/kg dry	☼	11/17/11 13:37	11/17/11 17:14	1.0
1,1-Dichloropropene	<31		120	31	ug/kg dry	☼	11/17/11 13:37	11/17/11 17:14	1.0
cis-1,3-Dichloropropene	<31		120	31	ug/kg dry	☼	11/17/11 13:37	11/17/11 17:14	1.0
trans-1,3-Dichloropropene	<31		120	31	ug/kg dry	☼	11/17/11 13:37	11/17/11 17:14	1.0
Isopropyl Ether	<31		120	31	ug/kg dry	☼	11/17/11 13:37	11/17/11 17:14	1.0
Ethylbenzene	<31		120	31	ug/kg dry	☼	11/17/11 13:37	11/17/11 17:14	1.0
Hexachlorobutadiene	<31		120	31	ug/kg dry	☼	11/17/11 13:37	11/17/11 17:14	1.0
Isopropylbenzene	<31		120	31	ug/kg dry	☼	11/17/11 13:37	11/17/11 17:14	1.0
p-Isopropyltoluene	54	J	120	31	ug/kg dry	☼	11/17/11 13:37	11/17/11 17:14	1.0
Methylene Chloride	<62		120	62	ug/kg dry	☼	11/17/11 13:37	11/17/11 17:14	1.0
Methyl tert-Butyl Ether	<31		120	31	ug/kg dry	☼	11/17/11 13:37	11/17/11 17:14	1.0
Naphthalene	2500		120	62	ug/kg dry	☼	11/17/11 13:37	11/17/11 17:14	1.0
n-Propylbenzene	<31		120	31	ug/kg dry	☼	11/17/11 13:37	11/17/11 17:14	1.0
Styrene	<62		120	62	ug/kg dry	☼	11/17/11 13:37	11/17/11 17:14	1.0
1,1,1,2-Tetrachloroethane	<31		120	31	ug/kg dry	☼	11/17/11 13:37	11/17/11 17:14	1.0
1,1,1,2,2-Tetrachloroethane	<31		120	31	ug/kg dry	☼	11/17/11 13:37	11/17/11 17:14	1.0
Tetrachloroethene	<31		120	31	ug/kg dry	☼	11/17/11 13:37	11/17/11 17:14	1.0
Toluene	<31		120	31	ug/kg dry	☼	11/17/11 13:37	11/17/11 17:14	1.0
1,2,3-Trichlorobenzene	<31		120	31	ug/kg dry	☼	11/17/11 13:37	11/17/11 17:14	1.0
1,2,4-Trichlorobenzene	<31		120	31	ug/kg dry	☼	11/17/11 13:37	11/17/11 17:14	1.0
1,1,1-Trichloroethane	<31		120	31	ug/kg dry	☼	11/17/11 13:37	11/17/11 17:14	1.0
1,1,2-Trichloroethane	<31		120	31	ug/kg dry	☼	11/17/11 13:37	11/17/11 17:14	1.0
Trichloroethene	<31		120	31	ug/kg dry	☼	11/17/11 13:37	11/17/11 17:14	1.0
Trichlorofluoromethane	<31		120	31	ug/kg dry	☼	11/17/11 13:37	11/17/11 17:14	1.0
1,2,3-Trichloropropane	<62		120	62	ug/kg dry	☼	11/17/11 13:37	11/17/11 17:14	1.0
1,2,4-Trimethylbenzene	79	J	120	31	ug/kg dry	☼	11/17/11 13:37	11/17/11 17:14	1.0
1,3,5-Trimethylbenzene	<31		120	31	ug/kg dry	☼	11/17/11 13:37	11/17/11 17:14	1.0
Vinyl chloride	<31		120	31	ug/kg dry	☼	11/17/11 13:37	11/17/11 17:14	1.0
Xylenes, total	<93		370	93	ug/kg dry	☼	11/17/11 13:37	11/17/11 17:14	1.0

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane	99		80 - 120	11/17/11 13:37	11/17/11 17:14	1.0
Toluene-d8	98		80 - 120	11/17/11 13:37	11/17/11 17:14	1.0
4-Bromofluorobenzene	97		80 - 120	11/17/11 13:37	11/17/11 17:14	1.0

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	3.1		0.040	0.012	mg/Kg	☼	11/20/11 21:23	11/23/11 21:52	1
Acenaphthylene	0.17		0.040	0.0092	mg/Kg	☼	11/20/11 21:23	11/23/11 21:52	1
Dibenz(a,h)anthracene	1.2		0.040	0.011	mg/Kg	☼	11/20/11 21:23	11/23/11 21:52	1
Fluorene	3.0		0.040	0.0091	mg/Kg	☼	11/20/11 21:23	11/23/11 21:52	1
Naphthalene	1.6		0.040	0.0077	mg/Kg	☼	11/20/11 21:23	11/23/11 21:52	1
2-Methylnaphthalene	2.6		0.20	0.052	mg/Kg	☼	11/20/11 21:23	11/23/11 21:52	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-40 0-2'

Lab Sample ID: WUK0392-18

Date Collected: 11/10/11 11:25

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 81.0

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	90		27 - 113	11/20/11 21:23	11/23/11 21:52	1
Nitrobenzene-d5	111	X	22 - 110	11/20/11 21:23	11/23/11 21:52	1
Terphenyl-d14	107		33 - 129	11/20/11 21:23	11/23/11 21:52	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	6.2		0.99	0.23	mg/Kg	☼	11/20/11 21:23	11/27/11 02:30	25
Benzo[a]anthracene	7.3		0.99	0.21	mg/Kg	☼	11/20/11 21:23	11/27/11 02:30	25
Benzo[a]pyrene	6.8		0.99	0.18	mg/Kg	☼	11/20/11 21:23	11/27/11 02:30	25
Benzo[b]fluoranthene	8.0		0.99	0.19	mg/Kg	☼	11/20/11 21:23	11/27/11 02:30	25
Benzo[g,h,i]perylene	4.4		0.99	0.34	mg/Kg	☼	11/20/11 21:23	11/27/11 02:30	25
Benzo[k]fluoranthene	3.2		0.99	0.24	mg/Kg	☼	11/20/11 21:23	11/27/11 02:30	25
Chrysene	6.3		0.99	0.22	mg/Kg	☼	11/20/11 21:23	11/27/11 02:30	25
Fluoranthene	23		0.99	0.41	mg/Kg	☼	11/20/11 21:23	11/27/11 02:30	25
Indeno[1,2,3-cd]pyrene	4.1		0.99	0.34	mg/Kg	☼	11/20/11 21:23	11/27/11 02:30	25
Phenanthrene	19		0.99	0.42	mg/Kg	☼	11/20/11 21:23	11/27/11 02:30	25
Pyrene	14		0.99	0.36	mg/Kg	☼	11/20/11 21:23	11/27/11 02:30	25
1-Methylnaphthalene	7.2		0.99	0.49	mg/Kg	☼	11/20/11 21:23	11/27/11 02:30	25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0073		0.020	0.0073	mg/Kg	☼	11/21/11 19:46	11/23/11 10:38	1
PCB-1221	<0.016		0.020	0.016	mg/Kg	☼	11/21/11 19:46	11/23/11 10:38	1
PCB-1232	<0.0079		0.020	0.0079	mg/Kg	☼	11/21/11 19:46	11/23/11 10:38	1
PCB-1242	<0.0097		0.020	0.0097	mg/Kg	☼	11/21/11 19:46	11/23/11 10:38	1
PCB-1248	0.080		0.020	0.0074	mg/Kg	☼	11/21/11 19:46	11/23/11 10:38	1
PCB-1254	0.025		0.020	0.0058	mg/Kg	☼	11/21/11 19:46	11/23/11 10:38	1
PCB-1260	<0.0047		0.020	0.0047	mg/Kg	☼	11/21/11 19:46	11/23/11 10:38	1
Polychlorinated biphenyls, Total	0.11		0.020	0.0032	mg/Kg	☼	11/21/11 19:46	11/23/11 10:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	62		28 - 124	11/21/11 19:46	11/23/11 10:38	1
DCB Decachlorobiphenyl	99		38 - 130	11/21/11 19:46	11/23/11 10:38	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.5		1.1	0.15	mg/Kg	☼	11/20/11 15:48	11/21/11 18:30	1
Barium	46		1.1	0.060	mg/Kg	☼	11/20/11 15:48	11/21/11 18:30	1
Cadmium	0.18	J	0.21	0.029	mg/Kg	☼	11/20/11 15:48	11/21/11 18:30	1
Chromium	12		1.1	0.091	mg/Kg	☼	11/20/11 15:48	11/21/11 18:30	1
Lead	9.5		0.54	0.26	mg/Kg	☼	11/20/11 15:48	11/21/11 18:30	1
Selenium	0.48	J	1.1	0.30	mg/Kg	☼	11/20/11 15:48	11/21/11 18:30	1
Silver	<0.068		0.54	0.068	mg/Kg	☼	11/20/11 15:48	11/21/11 18:30	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.023		0.018	0.0055	mg/Kg	☼	11/23/11 08:15	11/23/11 11:55	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-03-11 0-2'

Lab Sample ID: WUK0392-19

Date Collected: 11/10/11 11:45

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 82.1

Method: SW 8260B - VOCs by SW8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 17:41	1.0
Bromobenzene	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 17:41	1.0
Bromochloromethane	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 17:41	1.0
Bromodichloromethane	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 17:41	1.0
Bromoform	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 17:41	1.0
Bromomethane	<120		300	120	ug/kg dry	*	11/17/11 13:37	11/17/11 17:41	1.0
n-Butylbenzene	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 17:41	1.0
sec-Butylbenzene	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 17:41	1.0
tert-Butylbenzene	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 17:41	1.0
Carbon Tetrachloride	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 17:41	1.0
Chlorobenzene	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 17:41	1.0
Chlorodibromomethane	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 17:41	1.0
Chloroethane	<61		120	61	ug/kg dry	*	11/17/11 13:37	11/17/11 17:41	1.0
Chloroform	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 17:41	1.0
Chloromethane	<61		120	61	ug/kg dry	*	11/17/11 13:37	11/17/11 17:41	1.0
2-Chlorotoluene	<61		120	61	ug/kg dry	*	11/17/11 13:37	11/17/11 17:41	1.0
4-Chlorotoluene	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 17:41	1.0
1,2-Dibromo-3-chloropropane	<61		120	61	ug/kg dry	*	11/17/11 13:37	11/17/11 17:41	1.0
1,2-Dibromoethane (EDB)	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 17:41	1.0
Dibromomethane	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 17:41	1.0
1,2-Dichlorobenzene	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 17:41	1.0
1,3-Dichlorobenzene	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 17:41	1.0
1,4-Dichlorobenzene	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 17:41	1.0
Dichlorodifluoromethane	<61		120	61	ug/kg dry	*	11/17/11 13:37	11/17/11 17:41	1.0
1,1-Dichloroethane	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 17:41	1.0
1,2-Dichloroethane	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 17:41	1.0
1,1-Dichloroethene	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 17:41	1.0
cis-1,2-Dichloroethene	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 17:41	1.0
trans-1,2-Dichloroethene	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 17:41	1.0
1,2-Dichloropropane	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 17:41	1.0
1,3-Dichloropropane	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 17:41	1.0
2,2-Dichloropropane	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 17:41	1.0
1,1-Dichloropropene	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 17:41	1.0
cis-1,3-Dichloropropene	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 17:41	1.0
trans-1,3-Dichloropropene	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 17:41	1.0
Isopropyl Ether	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 17:41	1.0
Ethylbenzene	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 17:41	1.0
Hexachlorobutadiene	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 17:41	1.0
Isopropylbenzene	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 17:41	1.0
p-Isopropyltoluene	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 17:41	1.0
Methylene Chloride	<61		120	61	ug/kg dry	*	11/17/11 13:37	11/17/11 17:41	1.0
Methyl tert-Butyl Ether	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 17:41	1.0
n-Propylbenzene	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 17:41	1.0
Styrene	<61		120	61	ug/kg dry	*	11/17/11 13:37	11/17/11 17:41	1.0
1,1,1,2-Tetrachloroethane	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 17:41	1.0
1,1,2,2-Tetrachloroethane	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 17:41	1.0
Tetrachloroethene	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 17:41	1.0
Toluene	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 17:41	1.0
1,2,3-Trichlorobenzene	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 17:41	1.0
1,2,4-Trichlorobenzene	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 17:41	1.0

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-03-11 0-2'

Lab Sample ID: WUK0392-19

Date Collected: 11/10/11 11:45

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 82.1

Method: SW 8260B - VOCs by SW8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 17:41	1.0
1,1,2-Trichloroethane	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 17:41	1.0
Trichloroethene	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 17:41	1.0
Trichlorofluoromethane	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 17:41	1.0
1,2,3-Trichloropropane	<61		120	61	ug/kg dry	☼	11/17/11 13:37	11/17/11 17:41	1.0
1,2,4-Trimethylbenzene	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 17:41	1.0
1,3,5-Trimethylbenzene	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 17:41	1.0
Vinyl chloride	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 17:41	1.0
Xylenes, total	<91		370	91	ug/kg dry	☼	11/17/11 13:37	11/17/11 17:41	1.0
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Dibromofluoromethane	98		80 - 120				11/17/11 13:37	11/17/11 17:41	1.0
Toluene-d8	100		80 - 120				11/17/11 13:37	11/17/11 17:41	1.0
4-Bromofluorobenzene	101		80 - 120				11/17/11 13:37	11/17/11 17:41	1.0

Method: SW 8260B - VOCs by SW8260B - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<61		120	61	ug/kg dry	☼	11/21/11 15:21	11/21/11 19:00	1.0
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Dibromofluoromethane	101		80 - 120				11/21/11 15:21	11/21/11 19:00	1.0
Toluene-d8	100		80 - 120				11/21/11 15:21	11/21/11 19:00	1.0
4-Bromofluorobenzene	98		80 - 120				11/21/11 15:21	11/21/11 19:00	1.0

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.12		0.038	0.012	mg/Kg	☼	11/20/11 21:23	11/23/11 22:14	1
Acenaphthylene	0.014	J	0.038	0.0089	mg/Kg	☼	11/20/11 21:23	11/23/11 22:14	1
Anthracene	0.31		0.038	0.0091	mg/Kg	☼	11/20/11 21:23	11/23/11 22:14	1
Benzo[a]anthracene	1.3		0.038	0.0081	mg/Kg	☼	11/20/11 21:23	11/23/11 22:14	1
Benzo[a]pyrene	1.6		0.038	0.0071	mg/Kg	☼	11/20/11 21:23	11/23/11 22:14	1
Benzo[b]fluoranthene	1.8		0.038	0.0075	mg/Kg	☼	11/20/11 21:23	11/23/11 22:14	1
Benzo[g,h,i]perylene	1.2		0.038	0.013	mg/Kg	☼	11/20/11 21:23	11/23/11 22:14	1
Benzo[k]fluoranthene	0.88		0.038	0.0092	mg/Kg	☼	11/20/11 21:23	11/23/11 22:14	1
Chrysene	1.6		0.038	0.0087	mg/Kg	☼	11/20/11 21:23	11/23/11 22:14	1
Dibenz(a,h)anthracene	0.37		0.038	0.011	mg/Kg	☼	11/20/11 21:23	11/23/11 22:14	1
Fluoranthene	1.9		0.038	0.016	mg/Kg	☼	11/20/11 21:23	11/23/11 22:14	1
Fluorene	0.11		0.038	0.0088	mg/Kg	☼	11/20/11 21:23	11/23/11 22:14	1
Indeno[1,2,3-cd]pyrene	1.0		0.038	0.013	mg/Kg	☼	11/20/11 21:23	11/23/11 22:14	1
Naphthalene	0.034	J	0.038	0.0075	mg/Kg	☼	11/20/11 21:23	11/23/11 22:14	1
Phenanthrene	0.93		0.038	0.016	mg/Kg	☼	11/20/11 21:23	11/23/11 22:14	1
Pyrene	1.9		0.038	0.014	mg/Kg	☼	11/20/11 21:23	11/23/11 22:14	1
2-Methylnaphthalene	<0.050		0.19	0.050	mg/Kg	☼	11/20/11 21:23	11/23/11 22:14	1
1-Methylnaphthalene	0.019	J	0.038	0.019	mg/Kg	☼	11/20/11 21:23	11/23/11 22:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	73		27 - 113				11/20/11 21:23	11/23/11 22:14	1
Nitrobenzene-d5	56		22 - 110				11/20/11 21:23	11/23/11 22:14	1
Terphenyl-d14	73		33 - 129				11/20/11 21:23	11/23/11 22:14	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-03-11 0-2'

Lab Sample ID: WUK0392-19

Date Collected: 11/10/11 11:45

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 82.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0072		0.020	0.0072	mg/Kg	☼	11/21/11 19:46	11/23/11 08:44	1
PCB-1221	<0.016		0.020	0.016	mg/Kg	☼	11/21/11 19:46	11/23/11 08:44	1
PCB-1232	<0.0078		0.020	0.0078	mg/Kg	☼	11/21/11 19:46	11/23/11 08:44	1
PCB-1242	<0.0096		0.020	0.0096	mg/Kg	☼	11/21/11 19:46	11/23/11 08:44	1
PCB-1248	<0.0073		0.020	0.0073	mg/Kg	☼	11/21/11 19:46	11/23/11 08:44	1
PCB-1254	<0.0058		0.020	0.0058	mg/Kg	☼	11/21/11 19:46	11/23/11 08:44	1
PCB-1260	<0.0047		0.020	0.0047	mg/Kg	☼	11/21/11 19:46	11/23/11 08:44	1
Polychlorinated biphenyls, Total	<0.0031		0.020	0.0031	mg/Kg	☼	11/21/11 19:46	11/23/11 08:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	89		28 - 124				11/21/11 19:46	11/23/11 08:44	1
DCB Decachlorobiphenyl	103		38 - 130				11/21/11 19:46	11/23/11 08:44	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.4		1.1	0.16	mg/Kg	☼	11/20/11 15:48	11/21/11 18:36	1
Barium	69		1.1	0.063	mg/Kg	☼	11/20/11 15:48	11/21/11 18:36	1
Cadmium	0.31		0.23	0.031	mg/Kg	☼	11/20/11 15:48	11/21/11 18:36	1
Chromium	26		1.1	0.096	mg/Kg	☼	11/20/11 15:48	11/21/11 18:36	1
Lead	10		0.57	0.27	mg/Kg	☼	11/20/11 15:48	11/21/11 18:36	1
Selenium	0.59 J		1.1	0.32	mg/Kg	☼	11/20/11 15:48	11/21/11 18:36	1
Silver	<0.071		0.57	0.071	mg/Kg	☼	11/20/11 15:48	11/21/11 18:36	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.031		0.018	0.0054	mg/Kg	☼	11/23/11 08:15	11/23/11 11:56	1

Client Sample ID: B-41 0-2'

Lab Sample ID: WUK0392-20

Date Collected: 11/10/11 11:50

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 79.9

Method: SW 8260B - VOCs by SW8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<31		130	31	ug/kg dry	☼	11/17/11 13:37	11/17/11 18:08	1.0
Bromobenzene	<31		130	31	ug/kg dry	☼	11/17/11 13:37	11/17/11 18:08	1.0
Bromochloromethane	<31		130	31	ug/kg dry	☼	11/17/11 13:37	11/17/11 18:08	1.0
Bromodichloromethane	<31		130	31	ug/kg dry	☼	11/17/11 13:37	11/17/11 18:08	1.0
Bromoform	<31		130	31	ug/kg dry	☼	11/17/11 13:37	11/17/11 18:08	1.0
Bromomethane	<130		310	130	ug/kg dry	☼	11/17/11 13:37	11/17/11 18:08	1.0
n-Butylbenzene	<31		130	31	ug/kg dry	☼	11/17/11 13:37	11/17/11 18:08	1.0
sec-Butylbenzene	<31		130	31	ug/kg dry	☼	11/17/11 13:37	11/17/11 18:08	1.0
tert-Butylbenzene	<31		130	31	ug/kg dry	☼	11/17/11 13:37	11/17/11 18:08	1.0
Carbon Tetrachloride	<31		130	31	ug/kg dry	☼	11/17/11 13:37	11/17/11 18:08	1.0
Chlorobenzene	<31		130	31	ug/kg dry	☼	11/17/11 13:37	11/17/11 18:08	1.0
Chlorodibromomethane	<31		130	31	ug/kg dry	☼	11/17/11 13:37	11/17/11 18:08	1.0
Chloroethane	<63		130	63	ug/kg dry	☼	11/17/11 13:37	11/17/11 18:08	1.0
Chloroform	<31		130	31	ug/kg dry	☼	11/17/11 13:37	11/17/11 18:08	1.0
Chloromethane	<63		130	63	ug/kg dry	☼	11/17/11 13:37	11/17/11 18:08	1.0
2-Chlorotoluene	<63		130	63	ug/kg dry	☼	11/17/11 13:37	11/17/11 18:08	1.0
4-Chlorotoluene	<31		130	31	ug/kg dry	☼	11/17/11 13:37	11/17/11 18:08	1.0

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-41 0-2'

Lab Sample ID: WUK0392-20

Date Collected: 11/10/11 11:50

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 79.9

Method: SW 8260B - VOCs by SW8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-chloropropane	<63		130	63	ug/kg dry	☼	11/17/11 13:37	11/17/11 18:08	1.0
1,2-Dibromoethane (EDB)	<31		130	31	ug/kg dry	☼	11/17/11 13:37	11/17/11 18:08	1.0
Dibromomethane	<31		130	31	ug/kg dry	☼	11/17/11 13:37	11/17/11 18:08	1.0
1,2-Dichlorobenzene	<31		130	31	ug/kg dry	☼	11/17/11 13:37	11/17/11 18:08	1.0
1,3-Dichlorobenzene	<31		130	31	ug/kg dry	☼	11/17/11 13:37	11/17/11 18:08	1.0
1,4-Dichlorobenzene	<31		130	31	ug/kg dry	☼	11/17/11 13:37	11/17/11 18:08	1.0
Dichlorodifluoromethane	<63		130	63	ug/kg dry	☼	11/17/11 13:37	11/17/11 18:08	1.0
1,1-Dichloroethane	<31		130	31	ug/kg dry	☼	11/17/11 13:37	11/17/11 18:08	1.0
1,2-Dichloroethane	<31		130	31	ug/kg dry	☼	11/17/11 13:37	11/17/11 18:08	1.0
1,1-Dichloroethene	<31		130	31	ug/kg dry	☼	11/17/11 13:37	11/17/11 18:08	1.0
cis-1,2-Dichloroethene	<31		130	31	ug/kg dry	☼	11/17/11 13:37	11/17/11 18:08	1.0
trans-1,2-Dichloroethene	<31		130	31	ug/kg dry	☼	11/17/11 13:37	11/17/11 18:08	1.0
1,2-Dichloropropane	<31		130	31	ug/kg dry	☼	11/17/11 13:37	11/17/11 18:08	1.0
1,3-Dichloropropane	<31		130	31	ug/kg dry	☼	11/17/11 13:37	11/17/11 18:08	1.0
2,2-Dichloropropane	<31		130	31	ug/kg dry	☼	11/17/11 13:37	11/17/11 18:08	1.0
1,1-Dichloropropene	<31		130	31	ug/kg dry	☼	11/17/11 13:37	11/17/11 18:08	1.0
cis-1,3-Dichloropropene	<31		130	31	ug/kg dry	☼	11/17/11 13:37	11/17/11 18:08	1.0
trans-1,3-Dichloropropene	<31		130	31	ug/kg dry	☼	11/17/11 13:37	11/17/11 18:08	1.0
Isopropyl Ether	<31		130	31	ug/kg dry	☼	11/17/11 13:37	11/17/11 18:08	1.0
Ethylbenzene	<31		130	31	ug/kg dry	☼	11/17/11 13:37	11/17/11 18:08	1.0
Hexachlorobutadiene	<31		130	31	ug/kg dry	☼	11/17/11 13:37	11/17/11 18:08	1.0
Isopropylbenzene	<31		130	31	ug/kg dry	☼	11/17/11 13:37	11/17/11 18:08	1.0
p-Isopropyltoluene	<31		130	31	ug/kg dry	☼	11/17/11 13:37	11/17/11 18:08	1.0
Methylene Chloride	<63		130	63	ug/kg dry	☼	11/17/11 13:37	11/17/11 18:08	1.0
Methyl tert-Butyl Ether	<31		130	31	ug/kg dry	☼	11/17/11 13:37	11/17/11 18:08	1.0
Naphthalene	<63		130	63	ug/kg dry	☼	11/17/11 13:37	11/17/11 18:08	1.0
n-Propylbenzene	<31		130	31	ug/kg dry	☼	11/17/11 13:37	11/17/11 18:08	1.0
Styrene	<63		130	63	ug/kg dry	☼	11/17/11 13:37	11/17/11 18:08	1.0
1,1,1,2-Tetrachloroethane	<31		130	31	ug/kg dry	☼	11/17/11 13:37	11/17/11 18:08	1.0
1,1,2,2-Tetrachloroethane	<31		130	31	ug/kg dry	☼	11/17/11 13:37	11/17/11 18:08	1.0
Tetrachloroethene	<31		130	31	ug/kg dry	☼	11/17/11 13:37	11/17/11 18:08	1.0
Toluene	<31		130	31	ug/kg dry	☼	11/17/11 13:37	11/17/11 18:08	1.0
1,2,3-Trichlorobenzene	<31		130	31	ug/kg dry	☼	11/17/11 13:37	11/17/11 18:08	1.0
1,2,4-Trichlorobenzene	<31		130	31	ug/kg dry	☼	11/17/11 13:37	11/17/11 18:08	1.0
1,1,1-Trichloroethane	<31		130	31	ug/kg dry	☼	11/17/11 13:37	11/17/11 18:08	1.0
1,1,2-Trichloroethane	<31		130	31	ug/kg dry	☼	11/17/11 13:37	11/17/11 18:08	1.0
Trichloroethene	<31		130	31	ug/kg dry	☼	11/17/11 13:37	11/17/11 18:08	1.0
Trichlorofluoromethane	<31		130	31	ug/kg dry	☼	11/17/11 13:37	11/17/11 18:08	1.0
1,2,3-Trichloropropane	<63		130	63	ug/kg dry	☼	11/17/11 13:37	11/17/11 18:08	1.0
1,2,4-Trimethylbenzene	<31		130	31	ug/kg dry	☼	11/17/11 13:37	11/17/11 18:08	1.0
1,3,5-Trimethylbenzene	<31		130	31	ug/kg dry	☼	11/17/11 13:37	11/17/11 18:08	1.0
Vinyl chloride	<31		130	31	ug/kg dry	☼	11/17/11 13:37	11/17/11 18:08	1.0
Xylenes, total	<94		380	94	ug/kg dry	☼	11/17/11 13:37	11/17/11 18:08	1.0

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane	99		80 - 120	11/17/11 13:37	11/17/11 18:08	1.0
Toluene-d8	100		80 - 120	11/17/11 13:37	11/17/11 18:08	1.0
4-Bromofluorobenzene	99		80 - 120	11/17/11 13:37	11/17/11 18:08	1.0

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-41 0-2'

Lab Sample ID: WUK0392-20

Date Collected: 11/10/11 11:50

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 79.9

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.012		0.040	0.012	mg/Kg	☼	11/20/11 21:23	11/22/11 22:13	1
Acenaphthylene	<0.0092		0.040	0.0092	mg/Kg	☼	11/20/11 21:23	11/22/11 22:13	1
Anthracene	<0.0095		0.040	0.0095	mg/Kg	☼	11/20/11 21:23	11/22/11 22:13	1
Benzo[a]anthracene	0.010	J	0.040	0.0084	mg/Kg	☼	11/20/11 21:23	11/22/11 22:13	1
Benzo[a]pyrene	0.016	J	0.040	0.0073	mg/Kg	☼	11/20/11 21:23	11/22/11 22:13	1
Benzo[b]fluoranthene	0.014	J	0.040	0.0078	mg/Kg	☼	11/20/11 21:23	11/22/11 22:13	1
Benzo[g,h,i]perylene	0.017	J	0.040	0.014	mg/Kg	☼	11/20/11 21:23	11/22/11 22:13	1
Benzo[k]fluoranthene	0.011	J	0.040	0.0096	mg/Kg	☼	11/20/11 21:23	11/22/11 22:13	1
Chrysene	0.013	J	0.040	0.0091	mg/Kg	☼	11/20/11 21:23	11/22/11 22:13	1
Dibenz(a,h)anthracene	<0.011		0.040	0.011	mg/Kg	☼	11/20/11 21:23	11/22/11 22:13	1
Fluoranthene	<0.016		0.040	0.016	mg/Kg	☼	11/20/11 21:23	11/22/11 22:13	1
Fluorene	<0.0092		0.040	0.0092	mg/Kg	☼	11/20/11 21:23	11/22/11 22:13	1
Indeno[1,2,3-cd]pyrene	<0.014		0.040	0.014	mg/Kg	☼	11/20/11 21:23	11/22/11 22:13	1
Naphthalene	<0.0078		0.040	0.0078	mg/Kg	☼	11/20/11 21:23	11/22/11 22:13	1
Phenanthrene	<0.017		0.040	0.017	mg/Kg	☼	11/20/11 21:23	11/22/11 22:13	1
Pyrene	<0.015		0.040	0.015	mg/Kg	☼	11/20/11 21:23	11/22/11 22:13	1
2-Methylnaphthalene	<0.052		0.20	0.052	mg/Kg	☼	11/20/11 21:23	11/22/11 22:13	1
1-Methylnaphthalene	<0.020		0.040	0.020	mg/Kg	☼	11/20/11 21:23	11/22/11 22:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	91		27 - 113				11/20/11 21:23	11/22/11 22:13	1
Nitrobenzene-d5	86		22 - 110				11/20/11 21:23	11/22/11 22:13	1
Terphenyl-d14	100		33 - 129				11/20/11 21:23	11/22/11 22:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0074		0.021	0.0074	mg/Kg	☼	11/21/11 19:46	11/23/11 08:58	1
PCB-1221	<0.017		0.021	0.017	mg/Kg	☼	11/21/11 19:46	11/23/11 08:58	1
PCB-1232	<0.0081		0.021	0.0081	mg/Kg	☼	11/21/11 19:46	11/23/11 08:58	1
PCB-1242	<0.0099		0.021	0.0099	mg/Kg	☼	11/21/11 19:46	11/23/11 08:58	1
PCB-1248	<0.0076		0.021	0.0076	mg/Kg	☼	11/21/11 19:46	11/23/11 08:58	1
PCB-1254	<0.0059		0.021	0.0059	mg/Kg	☼	11/21/11 19:46	11/23/11 08:58	1
PCB-1260	<0.0048		0.021	0.0048	mg/Kg	☼	11/21/11 19:46	11/23/11 08:58	1
Polychlorinated biphenyls, Total	<0.0032		0.021	0.0032	mg/Kg	☼	11/21/11 19:46	11/23/11 08:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	72		28 - 124				11/21/11 19:46	11/23/11 08:58	1
DCB Decachlorobiphenyl	101		38 - 130				11/21/11 19:46	11/23/11 08:58	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	8.4		1.1	0.15	mg/Kg	☼	11/20/11 15:48	11/21/11 18:57	1
Barium	130		1.1	0.061	mg/Kg	☼	11/20/11 15:48	11/21/11 18:57	1
Cadmium	0.59		0.22	0.029	mg/Kg	☼	11/20/11 15:48	11/21/11 18:57	1
Chromium	35		1.1	0.093	mg/Kg	☼	11/20/11 15:48	11/21/11 18:57	1
Lead	12		0.55	0.26	mg/Kg	☼	11/20/11 15:48	11/21/11 18:57	1
Selenium	0.54	J	1.1	0.31	mg/Kg	☼	11/20/11 15:48	11/21/11 18:57	1
Silver	<0.069		0.55	0.069	mg/Kg	☼	11/20/11 15:48	11/21/11 18:57	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-41 0-2'

Lab Sample ID: WUK0392-20

Date Collected: 11/10/11 11:50

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 79.9

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.038		0.020	0.0061	mg/Kg	☼	11/23/11 08:15	11/23/11 11:58	1

Client Sample ID: B-41 4-6'

Lab Sample ID: WUK0392-21

Date Collected: 11/10/11 11:55

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 84

Method: SW 8260B - VOCs by SW8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 18:35	1.0
Bromobenzene	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 18:35	1.0
Bromochloromethane	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 18:35	1.0
Bromodichloromethane	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 18:35	1.0
Bromoform	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 18:35	1.0
Bromomethane	<120		300	120	ug/kg dry	☼	11/17/11 13:37	11/17/11 18:35	1.0
n-Butylbenzene	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 18:35	1.0
sec-Butylbenzene	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 18:35	1.0
tert-Butylbenzene	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 18:35	1.0
Carbon Tetrachloride	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 18:35	1.0
Chlorobenzene	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 18:35	1.0
Chlorodibromomethane	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 18:35	1.0
Chloroethane	<60		120	60	ug/kg dry	☼	11/17/11 13:37	11/17/11 18:35	1.0
Chloroform	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 18:35	1.0
Chloromethane	<60		120	60	ug/kg dry	☼	11/17/11 13:37	11/17/11 18:35	1.0
2-Chlorotoluene	<60		120	60	ug/kg dry	☼	11/17/11 13:37	11/17/11 18:35	1.0
4-Chlorotoluene	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 18:35	1.0
1,2-Dibromo-3-chloropropane	<60		120	60	ug/kg dry	☼	11/17/11 13:37	11/17/11 18:35	1.0
1,2-Dibromoethane (EDB)	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 18:35	1.0
Dibromomethane	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 18:35	1.0
1,2-Dichlorobenzene	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 18:35	1.0
1,3-Dichlorobenzene	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 18:35	1.0
1,4-Dichlorobenzene	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 18:35	1.0
Dichlorodifluoromethane	<60		120	60	ug/kg dry	☼	11/17/11 13:37	11/17/11 18:35	1.0
1,1-Dichloroethane	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 18:35	1.0
1,2-Dichloroethane	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 18:35	1.0
1,1-Dichloroethene	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 18:35	1.0
cis-1,2-Dichloroethene	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 18:35	1.0
trans-1,2-Dichloroethene	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 18:35	1.0
1,2-Dichloropropane	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 18:35	1.0
1,3-Dichloropropane	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 18:35	1.0
2,2-Dichloropropane	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 18:35	1.0
1,1-Dichloropropene	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 18:35	1.0
cis-1,3-Dichloropropene	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 18:35	1.0
trans-1,3-Dichloropropene	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 18:35	1.0
Isopropyl Ether	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 18:35	1.0
Ethylbenzene	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 18:35	1.0
Hexachlorobutadiene	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 18:35	1.0
Isopropylbenzene	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 18:35	1.0
p-Isopropyltoluene	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 18:35	1.0
Methylene Chloride	<60		120	60	ug/kg dry	☼	11/17/11 13:37	11/17/11 18:35	1.0

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-41 4-6'

Lab Sample ID: WUK0392-21

Date Collected: 11/10/11 11:55

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 84

Method: SW 8260B - VOCs by SW8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-Butyl Ether	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 18:35	1.0
Naphthalene	<60		120	60	ug/kg dry	*	11/17/11 13:37	11/17/11 18:35	1.0
n-Propylbenzene	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 18:35	1.0
Styrene	<60		120	60	ug/kg dry	*	11/17/11 13:37	11/17/11 18:35	1.0
1,1,1,2-Tetrachloroethane	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 18:35	1.0
1,1,2,2-Tetrachloroethane	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 18:35	1.0
Tetrachloroethene	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 18:35	1.0
Toluene	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 18:35	1.0
1,2,3-Trichlorobenzene	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 18:35	1.0
1,2,4-Trichlorobenzene	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 18:35	1.0
1,1,1-Trichloroethane	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 18:35	1.0
1,1,2-Trichloroethane	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 18:35	1.0
Trichloroethene	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 18:35	1.0
Trichlorofluoromethane	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 18:35	1.0
1,2,3-Trichloropropane	<60		120	60	ug/kg dry	*	11/17/11 13:37	11/17/11 18:35	1.0
1,2,4-Trimethylbenzene	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 18:35	1.0
1,3,5-Trimethylbenzene	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 18:35	1.0
Vinyl chloride	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 18:35	1.0
Xylenes, total	<89		360	89	ug/kg dry	*	11/17/11 13:37	11/17/11 18:35	1.0

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane	95		80 - 120	11/17/11 13:37	11/17/11 18:35	1.0
Toluene-d8	98		80 - 120	11/17/11 13:37	11/17/11 18:35	1.0
4-Bromofluorobenzene	98		80 - 120	11/17/11 13:37	11/17/11 18:35	1.0

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.011		0.038	0.011	mg/Kg	*	11/22/11 18:27	11/23/11 22:36	1
Acenaphthylene	<0.0088		0.038	0.0088	mg/Kg	*	11/22/11 18:27	11/23/11 22:36	1
Anthracene	<0.0090		0.038	0.0090	mg/Kg	*	11/22/11 18:27	11/23/11 22:36	1
Benzo[a]anthracene	<0.0080		0.038	0.0080	mg/Kg	*	11/22/11 18:27	11/23/11 22:36	1
Benzo[a]pyrene	0.047		0.038	0.0069	mg/Kg	*	11/22/11 18:27	11/23/11 22:36	1
Benzo[b]fluoranthene	0.038		0.038	0.0074	mg/Kg	*	11/22/11 18:27	11/23/11 22:36	1
Benzo[g,h,i]perylene	0.026	J	0.038	0.013	mg/Kg	*	11/22/11 18:27	11/23/11 22:36	1
Benzo[k]fluoranthene	0.030	J	0.038	0.0091	mg/Kg	*	11/22/11 18:27	11/23/11 22:36	1
Chrysene	<0.0086		0.038	0.0086	mg/Kg	*	11/22/11 18:27	11/23/11 22:36	1
Dibenz(a,h)anthracene	0.011	J	0.038	0.011	mg/Kg	*	11/22/11 18:27	11/23/11 22:36	1
Fluoranthene	<0.016		0.038	0.016	mg/Kg	*	11/22/11 18:27	11/23/11 22:36	1
Fluorene	<0.0087		0.038	0.0087	mg/Kg	*	11/22/11 18:27	11/23/11 22:36	1
Indeno[1,2,3-cd]pyrene	0.022	J	0.038	0.013	mg/Kg	*	11/22/11 18:27	11/23/11 22:36	1
Naphthalene	<0.0074		0.038	0.0074	mg/Kg	*	11/22/11 18:27	11/23/11 22:36	1
Phenanthrene	<0.016		0.038	0.016	mg/Kg	*	11/22/11 18:27	11/23/11 22:36	1
Pyrene	<0.014		0.038	0.014	mg/Kg	*	11/22/11 18:27	11/23/11 22:36	1
2-Methylnaphthalene	<0.050		0.19	0.050	mg/Kg	*	11/22/11 18:27	11/23/11 22:36	1
1-Methylnaphthalene	<0.019		0.038	0.019	mg/Kg	*	11/22/11 18:27	11/23/11 22:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	95		27 - 113	11/22/11 18:27	11/23/11 22:36	1
Nitrobenzene-d5	77		22 - 110	11/22/11 18:27	11/23/11 22:36	1
Terphenyl-d14	96		33 - 129	11/22/11 18:27	11/23/11 22:36	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-41 4-6'

Lab Sample ID: WUK0392-21

Date Collected: 11/10/11 11:55

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 84.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0071		0.020	0.0071	mg/Kg	☼	11/21/11 21:32	11/22/11 14:16	1
PCB-1221	<0.016		0.020	0.016	mg/Kg	☼	11/21/11 21:32	11/22/11 14:16	1
PCB-1232	<0.0077		0.020	0.0077	mg/Kg	☼	11/21/11 21:32	11/22/11 14:16	1
PCB-1242	<0.0095		0.020	0.0095	mg/Kg	☼	11/21/11 21:32	11/22/11 14:16	1
PCB-1248	<0.0072		0.020	0.0072	mg/Kg	☼	11/21/11 21:32	11/22/11 14:16	1
PCB-1254	<0.0057		0.020	0.0057	mg/Kg	☼	11/21/11 21:32	11/22/11 14:16	1
PCB-1260	<0.0046		0.020	0.0046	mg/Kg	☼	11/21/11 21:32	11/22/11 14:16	1
Polychlorinated biphenyls, Total	<0.0031		0.020	0.0031	mg/Kg	☼	11/21/11 21:32	11/22/11 14:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	68		28 - 124				11/21/11 21:32	11/22/11 14:16	1
DCB Decachlorobiphenyl	101		38 - 130				11/21/11 21:32	11/22/11 14:16	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.8		1.1	0.16	mg/Kg	☼	11/20/11 15:48	11/21/11 19:03	1
Barium	78		1.1	0.063	mg/Kg	☼	11/20/11 15:48	11/21/11 19:03	1
Cadmium	0.42		0.22	0.030	mg/Kg	☼	11/20/11 15:48	11/21/11 19:03	1
Chromium	22		1.1	0.095	mg/Kg	☼	11/20/11 15:48	11/21/11 19:03	1
Lead	7.7		0.56	0.27	mg/Kg	☼	11/20/11 15:48	11/21/11 19:03	1
Selenium	<0.31		1.1	0.31	mg/Kg	☼	11/20/11 15:48	11/21/11 19:03	1
Silver	<0.070		0.56	0.070	mg/Kg	☼	11/20/11 15:48	11/21/11 19:03	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.014	J	0.017	0.0053	mg/Kg	☼	11/23/11 08:15	11/23/11 12:31	1

Client Sample ID: B-41 8-10'

Lab Sample ID: WUK0392-22

Date Collected: 11/10/11 12:05

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 82.8

Method: SW 8260B - VOCs by SW8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:02	1.0
Bromobenzene	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:02	1.0
Bromochloromethane	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:02	1.0
Bromodichloromethane	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:02	1.0
Bromoform	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:02	1.0
Bromomethane	<120		300	120	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:02	1.0
n-Butylbenzene	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:02	1.0
sec-Butylbenzene	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:02	1.0
tert-Butylbenzene	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:02	1.0
Carbon Tetrachloride	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:02	1.0
Chlorobenzene	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:02	1.0
Chlorodibromomethane	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:02	1.0
Chloroethane	<60		120	60	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:02	1.0
Chloroform	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:02	1.0
Chloromethane	<60		120	60	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:02	1.0
2-Chlorotoluene	<60		120	60	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:02	1.0
4-Chlorotoluene	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:02	1.0

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-41 8-10'

Lab Sample ID: WUK0392-22

Date Collected: 11/10/11 12:05

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 82.8

Method: SW 8260B - VOCs by SW8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-chloropropane	<60		120	60	ug/kg dry	*	11/17/11 13:37	11/17/11 19:02	1.0
1,2-Dibromoethane (EDB)	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 19:02	1.0
Dibromomethane	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 19:02	1.0
1,2-Dichlorobenzene	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 19:02	1.0
1,3-Dichlorobenzene	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 19:02	1.0
1,4-Dichlorobenzene	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 19:02	1.0
Dichlorodifluoromethane	<60		120	60	ug/kg dry	*	11/17/11 13:37	11/17/11 19:02	1.0
1,1-Dichloroethane	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 19:02	1.0
1,2-Dichloroethane	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 19:02	1.0
1,1-Dichloroethene	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 19:02	1.0
cis-1,2-Dichloroethene	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 19:02	1.0
trans-1,2-Dichloroethene	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 19:02	1.0
1,2-Dichloropropane	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 19:02	1.0
1,3-Dichloropropane	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 19:02	1.0
2,2-Dichloropropane	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 19:02	1.0
1,1-Dichloropropene	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 19:02	1.0
cis-1,3-Dichloropropene	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 19:02	1.0
trans-1,3-Dichloropropene	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 19:02	1.0
Isopropyl Ether	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 19:02	1.0
Ethylbenzene	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 19:02	1.0
Hexachlorobutadiene	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 19:02	1.0
Isopropylbenzene	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 19:02	1.0
p-Isopropyltoluene	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 19:02	1.0
Methylene Chloride	<60		120	60	ug/kg dry	*	11/17/11 13:37	11/17/11 19:02	1.0
Methyl tert-Butyl Ether	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 19:02	1.0
Naphthalene	<60		120	60	ug/kg dry	*	11/17/11 13:37	11/17/11 19:02	1.0
n-Propylbenzene	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 19:02	1.0
Styrene	<60		120	60	ug/kg dry	*	11/17/11 13:37	11/17/11 19:02	1.0
1,1,1,2-Tetrachloroethane	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 19:02	1.0
1,1,2,2-Tetrachloroethane	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 19:02	1.0
Tetrachloroethene	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 19:02	1.0
Toluene	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 19:02	1.0
1,2,3-Trichlorobenzene	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 19:02	1.0
1,2,4-Trichlorobenzene	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 19:02	1.0
1,1,1-Trichloroethane	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 19:02	1.0
1,1,2-Trichloroethane	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 19:02	1.0
Trichloroethene	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 19:02	1.0
Trichlorofluoromethane	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 19:02	1.0
1,2,3-Trichloropropane	<60		120	60	ug/kg dry	*	11/17/11 13:37	11/17/11 19:02	1.0
1,2,4-Trimethylbenzene	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 19:02	1.0
1,3,5-Trimethylbenzene	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 19:02	1.0
Vinyl chloride	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 19:02	1.0
Xylenes, total	<91		360	91	ug/kg dry	*	11/17/11 13:37	11/17/11 19:02	1.0

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane	96		80 - 120	11/17/11 13:37	11/17/11 19:02	1.0
Toluene-d8	99		80 - 120	11/17/11 13:37	11/17/11 19:02	1.0
4-Bromofluorobenzene	100		80 - 120	11/17/11 13:37	11/17/11 19:02	1.0

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-41 8-10'

Lab Sample ID: WUK0392-22

Date Collected: 11/10/11 12:05

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 82.8

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.012		0.038	0.012	mg/Kg	☼	11/22/11 18:27	11/23/11 20:32	1
Acenaphthylene	<0.0089		0.038	0.0089	mg/Kg	☼	11/22/11 18:27	11/23/11 20:32	1
Anthracene	<0.0091		0.038	0.0091	mg/Kg	☼	11/22/11 18:27	11/23/11 20:32	1
Benzo[a]anthracene	<0.0081		0.038	0.0081	mg/Kg	☼	11/22/11 18:27	11/23/11 20:32	1
Benzo[a]pyrene	<0.0070		0.038	0.0070	mg/Kg	☼	11/22/11 18:27	11/23/11 20:32	1
Benzo[b]fluoranthene	<0.0075		0.038	0.0075	mg/Kg	☼	11/22/11 18:27	11/23/11 20:32	1
Benzo[g,h,i]perylene	<0.013		0.038	0.013	mg/Kg	☼	11/22/11 18:27	11/23/11 20:32	1
Benzo[k]fluoranthene	<0.0092		0.038	0.0092	mg/Kg	☼	11/22/11 18:27	11/23/11 20:32	1
Chrysene	0.012	J	0.038	0.0087	mg/Kg	☼	11/22/11 18:27	11/23/11 20:32	1
Dibenz(a,h)anthracene	<0.011		0.038	0.011	mg/Kg	☼	11/22/11 18:27	11/23/11 20:32	1
Fluoranthene	<0.016		0.038	0.016	mg/Kg	☼	11/22/11 18:27	11/23/11 20:32	1
Fluorene	<0.0088		0.038	0.0088	mg/Kg	☼	11/22/11 18:27	11/23/11 20:32	1
Indeno[1,2,3-cd]pyrene	<0.013		0.038	0.013	mg/Kg	☼	11/22/11 18:27	11/23/11 20:32	1
Naphthalene	<0.0074		0.038	0.0074	mg/Kg	☼	11/22/11 18:27	11/23/11 20:32	1
Phenanthrene	<0.016		0.038	0.016	mg/Kg	☼	11/22/11 18:27	11/23/11 20:32	1
Pyrene	<0.014		0.038	0.014	mg/Kg	☼	11/22/11 18:27	11/23/11 20:32	1
2-Methylnaphthalene	<0.050		0.19	0.050	mg/Kg	☼	11/22/11 18:27	11/23/11 20:32	1
1-Methylnaphthalene	<0.019		0.038	0.019	mg/Kg	☼	11/22/11 18:27	11/23/11 20:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	76		27 - 113	11/22/11 18:27	11/23/11 20:32	1
Nitrobenzene-d5	84		22 - 110	11/22/11 18:27	11/23/11 20:32	1
Terphenyl-d14	84		33 - 129	11/22/11 18:27	11/23/11 20:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0071		0.020	0.0071	mg/Kg	☼	11/21/11 21:32	11/22/11 14:30	1
PCB-1221	<0.016		0.020	0.016	mg/Kg	☼	11/21/11 21:32	11/22/11 14:30	1
PCB-1232	<0.0077		0.020	0.0077	mg/Kg	☼	11/21/11 21:32	11/22/11 14:30	1
PCB-1242	<0.0095		0.020	0.0095	mg/Kg	☼	11/21/11 21:32	11/22/11 14:30	1
PCB-1248	<0.0072		0.020	0.0072	mg/Kg	☼	11/21/11 21:32	11/22/11 14:30	1
PCB-1254	<0.0057		0.020	0.0057	mg/Kg	☼	11/21/11 21:32	11/22/11 14:30	1
PCB-1260	<0.0046		0.020	0.0046	mg/Kg	☼	11/21/11 21:32	11/22/11 14:30	1
Polychlorinated biphenyls, Total	<0.0031		0.020	0.0031	mg/Kg	☼	11/21/11 21:32	11/22/11 14:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	73		28 - 124	11/21/11 21:32	11/22/11 14:30	1
DCB Decachlorobiphenyl	99		38 - 130	11/21/11 21:32	11/22/11 14:30	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.9		1.1	0.16	mg/Kg	☼	11/20/11 15:48	11/21/11 19:09	1
Barium	41		1.1	0.063	mg/Kg	☼	11/20/11 15:48	11/21/11 19:09	1
Cadmium	0.31		0.22	0.030	mg/Kg	☼	11/20/11 15:48	11/21/11 19:09	1
Chromium	16		1.1	0.095	mg/Kg	☼	11/20/11 15:48	11/21/11 19:09	1
Lead	7.0		0.56	0.27	mg/Kg	☼	11/20/11 15:48	11/21/11 19:09	1
Selenium	<0.31		1.1	0.31	mg/Kg	☼	11/20/11 15:48	11/21/11 19:09	1
Silver	<0.071		0.56	0.071	mg/Kg	☼	11/20/11 15:48	11/21/11 19:09	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-41 8-10'

Lab Sample ID: WUK0392-22

Date Collected: 11/10/11 12:05

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 82.8

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.012	J	0.019	0.0059	mg/Kg	☼	11/23/11 08:15	11/23/11 12:32	1

Client Sample ID: B-42 0-2'

Lab Sample ID: WUK0392-23

Date Collected: 11/10/11 12:10

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 67.7

Method: SW 8260B - VOCs by SW8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<37		150	37	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:30	1.0
Bromobenzene	<37		150	37	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:30	1.0
Bromochloromethane	<37		150	37	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:30	1.0
Bromodichloromethane	<37		150	37	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:30	1.0
Bromoform	<37		150	37	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:30	1.0
Bromomethane	<150		370	150	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:30	1.0
n-Butylbenzene	<37		150	37	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:30	1.0
sec-Butylbenzene	<37		150	37	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:30	1.0
tert-Butylbenzene	<37		150	37	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:30	1.0
Carbon Tetrachloride	<37		150	37	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:30	1.0
Chlorobenzene	<37		150	37	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:30	1.0
Chlorodibromomethane	<37		150	37	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:30	1.0
Chloroethane	<74		150	74	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:30	1.0
Chloroform	<37		150	37	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:30	1.0
Chloromethane	<74		150	74	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:30	1.0
2-Chlorotoluene	<74		150	74	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:30	1.0
4-Chlorotoluene	<37		150	37	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:30	1.0
1,2-Dibromo-3-chloropropane	<74		150	74	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:30	1.0
1,2-Dibromoethane (EDB)	<37		150	37	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:30	1.0
Dibromomethane	<37		150	37	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:30	1.0
1,2-Dichlorobenzene	<37		150	37	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:30	1.0
1,3-Dichlorobenzene	<37		150	37	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:30	1.0
1,4-Dichlorobenzene	<37		150	37	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:30	1.0
Dichlorodifluoromethane	<74		150	74	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:30	1.0
1,1-Dichloroethane	<37		150	37	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:30	1.0
1,2-Dichloroethane	<37		150	37	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:30	1.0
1,1-Dichloroethene	<37		150	37	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:30	1.0
cis-1,2-Dichloroethene	<37		150	37	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:30	1.0
trans-1,2-Dichloroethene	<37		150	37	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:30	1.0
1,2-Dichloropropane	<37		150	37	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:30	1.0
1,3-Dichloropropane	<37		150	37	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:30	1.0
2,2-Dichloropropane	<37		150	37	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:30	1.0
1,1-Dichloropropene	<37		150	37	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:30	1.0
cis-1,3-Dichloropropene	<37		150	37	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:30	1.0
trans-1,3-Dichloropropene	<37		150	37	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:30	1.0
Isopropyl Ether	<37		150	37	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:30	1.0
Ethylbenzene	<37		150	37	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:30	1.0
Hexachlorobutadiene	<37		150	37	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:30	1.0
Isopropylbenzene	<37		150	37	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:30	1.0
p-Isopropyltoluene	<37		150	37	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:30	1.0
Methylene Chloride	<74		150	74	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:30	1.0

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-42 0-2'

Lab Sample ID: WUK0392-23

Date Collected: 11/10/11 12:10

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 67.7

Method: SW 8260B - VOCs by SW8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-Butyl Ether	<37		150	37	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:30	1.0
Naphthalene	<74		150	74	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:30	1.0
n-Propylbenzene	<37		150	37	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:30	1.0
Styrene	<74		150	74	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:30	1.0
1,1,1,2-Tetrachloroethane	<37		150	37	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:30	1.0
1,1,2,2-Tetrachloroethane	<37		150	37	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:30	1.0
Tetrachloroethene	<37		150	37	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:30	1.0
Toluene	<37		150	37	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:30	1.0
1,2,3-Trichlorobenzene	<37		150	37	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:30	1.0
1,2,4-Trichlorobenzene	<37		150	37	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:30	1.0
1,1,1-Trichloroethane	<37		150	37	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:30	1.0
1,1,2-Trichloroethane	<37		150	37	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:30	1.0
Trichloroethene	<37		150	37	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:30	1.0
Trichlorofluoromethane	<37		150	37	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:30	1.0
1,2,3-Trichloropropane	<74		150	74	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:30	1.0
1,2,4-Trimethylbenzene	<37		150	37	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:30	1.0
1,3,5-Trimethylbenzene	<37		150	37	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:30	1.0
Vinyl chloride	<37		150	37	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:30	1.0
Xylenes, total	<110		440	110	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:30	1.0

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane	99		80 - 120	11/17/11 13:37	11/17/11 19:30	1.0
Toluene-d8	100		80 - 120	11/17/11 13:37	11/17/11 19:30	1.0
4-Bromofluorobenzene	100		80 - 120	11/17/11 13:37	11/17/11 19:30	1.0

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.014		0.048	0.014	mg/Kg	☼	11/22/11 18:27	11/23/11 22:58	1
Acenaphthylene	<0.011		0.048	0.011	mg/Kg	☼	11/22/11 18:27	11/23/11 22:58	1
Anthracene	0.038	J	0.048	0.011	mg/Kg	☼	11/22/11 18:27	11/23/11 22:58	1
Benzo[a]anthracene	0.25		0.048	0.010	mg/Kg	☼	11/22/11 18:27	11/23/11 22:58	1
Benzo[a]pyrene	0.39		0.048	0.0088	mg/Kg	☼	11/22/11 18:27	11/23/11 22:58	1
Benzo[b]fluoranthene	0.43		0.048	0.0093	mg/Kg	☼	11/22/11 18:27	11/23/11 22:58	1
Benzo[g,h,i]perylene	0.28		0.048	0.016	mg/Kg	☼	11/22/11 18:27	11/23/11 22:58	1
Benzo[k]fluoranthene	0.26		0.048	0.011	mg/Kg	☼	11/22/11 18:27	11/23/11 22:58	1
Chrysene	0.37		0.048	0.011	mg/Kg	☼	11/22/11 18:27	11/23/11 22:58	1
Dibenz(a,h)anthracene	0.12		0.048	0.013	mg/Kg	☼	11/22/11 18:27	11/23/11 22:58	1
Fluoranthene	0.37		0.048	0.020	mg/Kg	☼	11/22/11 18:27	11/23/11 22:58	1
Fluorene	<0.011		0.048	0.011	mg/Kg	☼	11/22/11 18:27	11/23/11 22:58	1
Indeno[1,2,3-cd]pyrene	0.25		0.048	0.016	mg/Kg	☼	11/22/11 18:27	11/23/11 22:58	1
Naphthalene	<0.0093		0.048	0.0093	mg/Kg	☼	11/22/11 18:27	11/23/11 22:58	1
Phenanthrene	0.12		0.048	0.020	mg/Kg	☼	11/22/11 18:27	11/23/11 22:58	1
Pyrene	0.42		0.048	0.017	mg/Kg	☼	11/22/11 18:27	11/23/11 22:58	1
2-Methylnaphthalene	<0.062		0.24	0.062	mg/Kg	☼	11/22/11 18:27	11/23/11 22:58	1
1-Methylnaphthalene	<0.024		0.048	0.024	mg/Kg	☼	11/22/11 18:27	11/23/11 22:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	72		27 - 113	11/22/11 18:27	11/23/11 22:58	1
Nitrobenzene-d5	58		22 - 110	11/22/11 18:27	11/23/11 22:58	1
Terphenyl-d14	78		33 - 129	11/22/11 18:27	11/23/11 22:58	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-42 0-2'

Lab Sample ID: WUK0392-23

Date Collected: 11/10/11 12:10

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 67.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0085		0.024	0.0085	mg/Kg	☼	11/21/11 21:32	11/22/11 14:44	1
PCB-1221	<0.019		0.024	0.019	mg/Kg	☼	11/21/11 21:32	11/22/11 14:44	1
PCB-1232	<0.0092		0.024	0.0092	mg/Kg	☼	11/21/11 21:32	11/22/11 14:44	1
PCB-1242	<0.011		0.024	0.011	mg/Kg	☼	11/21/11 21:32	11/22/11 14:44	1
PCB-1248	0.19		0.024	0.0086	mg/Kg	☼	11/21/11 21:32	11/22/11 14:44	1
PCB-1254	0.20		0.024	0.0068	mg/Kg	☼	11/21/11 21:32	11/22/11 14:44	1
PCB-1260	<0.0055		0.024	0.0055	mg/Kg	☼	11/21/11 21:32	11/22/11 14:44	1
Polychlorinated biphenyls, Total	0.39		0.024	0.0037	mg/Kg	☼	11/21/11 21:32	11/22/11 14:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	72		28 - 124				11/21/11 21:32	11/22/11 14:44	1
DCB Decachlorobiphenyl	92		38 - 130				11/21/11 21:32	11/22/11 14:44	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.2		1.4	0.20	mg/Kg	☼	11/20/11 15:48	11/21/11 19:15	1
Barium	43		1.4	0.081	mg/Kg	☼	11/20/11 15:48	11/21/11 19:15	1
Cadmium	7.4		0.29	0.039	mg/Kg	☼	11/20/11 15:48	11/21/11 19:15	1
Chromium	110		1.4	0.12	mg/Kg	☼	11/20/11 15:48	11/21/11 19:15	1
Lead	130		0.72	0.35	mg/Kg	☼	11/20/11 15:48	11/21/11 19:15	1
Selenium	2.5		1.4	0.40	mg/Kg	☼	11/20/11 15:48	11/21/11 19:15	1
Silver	1.5		0.72	0.091	mg/Kg	☼	11/20/11 15:48	11/21/11 19:15	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.016	J	0.023	0.0070	mg/Kg	☼	11/23/11 08:15	11/23/11 12:34	1

Client Sample ID: B-42 4-6'

Lab Sample ID: WUK0392-24

Date Collected: 11/10/11 12:15

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 62.2

Method: SW 8260B - VOCs by SW8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<40		160	40	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:57	1.0
Bromobenzene	<40		160	40	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:57	1.0
Bromochloromethane	<40		160	40	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:57	1.0
Bromodichloromethane	<40		160	40	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:57	1.0
Bromoform	<40		160	40	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:57	1.0
Bromomethane	<160		400	160	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:57	1.0
n-Butylbenzene	<40		160	40	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:57	1.0
sec-Butylbenzene	<40		160	40	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:57	1.0
tert-Butylbenzene	<40		160	40	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:57	1.0
Carbon Tetrachloride	<40		160	40	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:57	1.0
Chlorobenzene	<40		160	40	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:57	1.0
Chlorodibromomethane	<40		160	40	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:57	1.0
Chloroethane	<80		160	80	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:57	1.0
Chloroform	<40		160	40	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:57	1.0
Chloromethane	<80		160	80	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:57	1.0
2-Chlorotoluene	<80		160	80	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:57	1.0
4-Chlorotoluene	<40		160	40	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:57	1.0

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-42 4-6'

Lab Sample ID: WUK0392-24

Date Collected: 11/10/11 12:15

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 62.2

Method: SW 8260B - VOCs by SW8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-chloropropane	<80		160	80	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:57	1.0
1,2-Dibromoethane (EDB)	<40		160	40	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:57	1.0
Dibromomethane	<40		160	40	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:57	1.0
1,2-Dichlorobenzene	<40		160	40	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:57	1.0
1,3-Dichlorobenzene	<40		160	40	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:57	1.0
1,4-Dichlorobenzene	<40		160	40	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:57	1.0
Dichlorodifluoromethane	<80		160	80	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:57	1.0
1,1-Dichloroethane	<40		160	40	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:57	1.0
1,2-Dichloroethane	<40		160	40	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:57	1.0
1,1-Dichloroethene	<40		160	40	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:57	1.0
cis-1,2-Dichloroethene	<40		160	40	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:57	1.0
trans-1,2-Dichloroethene	<40		160	40	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:57	1.0
1,2-Dichloropropane	<40		160	40	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:57	1.0
1,3-Dichloropropane	<40		160	40	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:57	1.0
2,2-Dichloropropane	<40		160	40	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:57	1.0
1,1-Dichloropropene	<40		160	40	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:57	1.0
cis-1,3-Dichloropropene	<40		160	40	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:57	1.0
trans-1,3-Dichloropropene	<40		160	40	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:57	1.0
Isopropyl Ether	<40		160	40	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:57	1.0
Ethylbenzene	<40		160	40	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:57	1.0
Hexachlorobutadiene	<40		160	40	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:57	1.0
Isopropylbenzene	<40		160	40	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:57	1.0
p-Isopropyltoluene	<40		160	40	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:57	1.0
Methylene Chloride	<80		160	80	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:57	1.0
Methyl tert-Butyl Ether	<40		160	40	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:57	1.0
Naphthalene	<80		160	80	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:57	1.0
n-Propylbenzene	<40		160	40	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:57	1.0
Styrene	<80		160	80	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:57	1.0
1,1,1,2-Tetrachloroethane	<40		160	40	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:57	1.0
1,1,2,2-Tetrachloroethane	<40		160	40	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:57	1.0
Tetrachloroethene	<40		160	40	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:57	1.0
Toluene	<40		160	40	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:57	1.0
1,2,3-Trichlorobenzene	<40		160	40	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:57	1.0
1,2,4-Trichlorobenzene	<40		160	40	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:57	1.0
1,1,1-Trichloroethane	<40		160	40	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:57	1.0
1,1,2-Trichloroethane	<40		160	40	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:57	1.0
Trichloroethene	<40		160	40	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:57	1.0
Trichlorofluoromethane	<40		160	40	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:57	1.0
1,2,3-Trichloropropane	<80		160	80	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:57	1.0
1,2,4-Trimethylbenzene	<40		160	40	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:57	1.0
1,3,5-Trimethylbenzene	<40		160	40	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:57	1.0
Vinyl chloride	<40		160	40	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:57	1.0
Xylenes, total	<120		480	120	ug/kg dry	☼	11/17/11 13:37	11/17/11 19:57	1.0

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane	99		80 - 120	11/17/11 13:37	11/17/11 19:57	1.0
Toluene-d8	99		80 - 120	11/17/11 13:37	11/17/11 19:57	1.0
4-Bromofluorobenzene	99		80 - 120	11/17/11 13:37	11/17/11 19:57	1.0

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-42 4-6'

Lab Sample ID: WUK0392-24

Date Collected: 11/10/11 12:15

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 62.2

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.016		0.052	0.016	mg/Kg	☼	11/22/11 18:27	11/23/11 23:20	1
Acenaphthylene	<0.012		0.052	0.012	mg/Kg	☼	11/22/11 18:27	11/23/11 23:20	1
Anthracene	<0.012		0.052	0.012	mg/Kg	☼	11/22/11 18:27	11/23/11 23:20	1
Benzo[a]anthracene	<0.011		0.052	0.011	mg/Kg	☼	11/22/11 18:27	11/23/11 23:20	1
Benzo[a]pyrene	0.032	J	0.052	0.0095	mg/Kg	☼	11/22/11 18:27	11/23/11 23:20	1
Benzo[b]fluoranthene	0.027	J	0.052	0.010	mg/Kg	☼	11/22/11 18:27	11/23/11 23:20	1
Benzo[g,h,i]perylene	0.028	J	0.052	0.018	mg/Kg	☼	11/22/11 18:27	11/23/11 23:20	1
Benzo[k]fluoranthene	0.014	J	0.052	0.012	mg/Kg	☼	11/22/11 18:27	11/23/11 23:20	1
Chrysene	<0.012		0.052	0.012	mg/Kg	☼	11/22/11 18:27	11/23/11 23:20	1
Dibenz(a,h)anthracene	<0.015		0.052	0.015	mg/Kg	☼	11/22/11 18:27	11/23/11 23:20	1
Fluoranthene	<0.021		0.052	0.021	mg/Kg	☼	11/22/11 18:27	11/23/11 23:20	1
Fluorene	<0.012		0.052	0.012	mg/Kg	☼	11/22/11 18:27	11/23/11 23:20	1
Indeno[1,2,3-cd]pyrene	0.023	J	0.052	0.018	mg/Kg	☼	11/22/11 18:27	11/23/11 23:20	1
Naphthalene	<0.010		0.052	0.010	mg/Kg	☼	11/22/11 18:27	11/23/11 23:20	1
Phenanthrene	<0.022		0.052	0.022	mg/Kg	☼	11/22/11 18:27	11/23/11 23:20	1
Pyrene	<0.019		0.052	0.019	mg/Kg	☼	11/22/11 18:27	11/23/11 23:20	1
2-Methylnaphthalene	<0.067		0.26	0.067	mg/Kg	☼	11/22/11 18:27	11/23/11 23:20	1
1-Methylnaphthalene	<0.026		0.052	0.026	mg/Kg	☼	11/22/11 18:27	11/23/11 23:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	65		27 - 113	11/22/11 18:27	11/23/11 23:20	1
Nitrobenzene-d5	56		22 - 110	11/22/11 18:27	11/23/11 23:20	1
Terphenyl-d14	76		33 - 129	11/22/11 18:27	11/23/11 23:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0092		0.025	0.0092	mg/Kg	☼	11/21/11 21:32	11/22/11 14:59	1
PCB-1221	<0.021		0.025	0.021	mg/Kg	☼	11/21/11 21:32	11/22/11 14:59	1
PCB-1232	<0.0099		0.025	0.0099	mg/Kg	☼	11/21/11 21:32	11/22/11 14:59	1
PCB-1242	<0.012		0.025	0.012	mg/Kg	☼	11/21/11 21:32	11/22/11 14:59	1
PCB-1248	<0.0093		0.025	0.0093	mg/Kg	☼	11/21/11 21:32	11/22/11 14:59	1
PCB-1254	<0.0073		0.025	0.0073	mg/Kg	☼	11/21/11 21:32	11/22/11 14:59	1
PCB-1260	<0.0060		0.025	0.0060	mg/Kg	☼	11/21/11 21:32	11/22/11 14:59	1
Polychlorinated biphenyls, Total	<0.0040		0.025	0.0040	mg/Kg	☼	11/21/11 21:32	11/22/11 14:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	68		28 - 124	11/21/11 21:32	11/22/11 14:59	1
DCB Decachlorobiphenyl	120		38 - 130	11/21/11 21:32	11/22/11 14:59	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.5		1.4	0.20	mg/Kg	☼	11/20/11 15:48	11/21/11 19:21	1
Barium	83		1.4	0.079	mg/Kg	☼	11/20/11 15:48	11/21/11 19:21	1
Cadmium	43		0.28	0.038	mg/Kg	☼	11/20/11 15:48	11/21/11 19:21	1
Chromium	350		1.4	0.12	mg/Kg	☼	11/20/11 15:48	11/21/11 19:21	1
Lead	990		0.71	0.34	mg/Kg	☼	11/20/11 15:48	11/21/11 19:21	1
Selenium	2.0		1.4	0.40	mg/Kg	☼	11/20/11 15:48	11/21/11 19:21	1
Silver	6.0		0.71	0.089	mg/Kg	☼	11/20/11 15:48	11/21/11 19:21	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-42 4-6'

Date Collected: 11/10/11 12:15

Date Received: 11/11/11 15:23

Lab Sample ID: WUK0392-24

Matrix: Solid/Soil

Percent Solids: 62.2

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0081		0.027	0.0081	mg/Kg	☼	11/23/11 08:15	11/23/11 12:36	1

Client Sample ID: B-42 8-10'

Date Collected: 11/10/11 12:25

Date Received: 11/11/11 15:23

Lab Sample ID: WUK0392-25

Matrix: Solid/Soil

Percent Solids: 84.5

Method: SW 8260B - VOCs by SW8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 20:24	1.0
Bromobenzene	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 20:24	1.0
Bromochloromethane	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 20:24	1.0
Bromodichloromethane	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 20:24	1.0
Bromoform	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 20:24	1.0
Bromomethane	<120		300	120	ug/kg dry	☼	11/17/11 13:37	11/17/11 20:24	1.0
n-Butylbenzene	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 20:24	1.0
sec-Butylbenzene	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 20:24	1.0
tert-Butylbenzene	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 20:24	1.0
Carbon Tetrachloride	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 20:24	1.0
Chlorobenzene	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 20:24	1.0
Chlorodibromomethane	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 20:24	1.0
Chloroethane	<59		120	59	ug/kg dry	☼	11/17/11 13:37	11/17/11 20:24	1.0
Chloroform	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 20:24	1.0
Chloromethane	<59		120	59	ug/kg dry	☼	11/17/11 13:37	11/17/11 20:24	1.0
2-Chlorotoluene	<59		120	59	ug/kg dry	☼	11/17/11 13:37	11/17/11 20:24	1.0
4-Chlorotoluene	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 20:24	1.0
1,2-Dibromo-3-chloropropane	<59		120	59	ug/kg dry	☼	11/17/11 13:37	11/17/11 20:24	1.0
1,2-Dibromoethane (EDB)	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 20:24	1.0
Dibromomethane	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 20:24	1.0
1,2-Dichlorobenzene	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 20:24	1.0
1,3-Dichlorobenzene	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 20:24	1.0
1,4-Dichlorobenzene	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 20:24	1.0
Dichlorodifluoromethane	<59		120	59	ug/kg dry	☼	11/17/11 13:37	11/17/11 20:24	1.0
1,1-Dichloroethane	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 20:24	1.0
1,2-Dichloroethane	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 20:24	1.0
1,1-Dichloroethene	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 20:24	1.0
cis-1,2-Dichloroethene	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 20:24	1.0
trans-1,2-Dichloroethene	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 20:24	1.0
1,2-Dichloropropane	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 20:24	1.0
1,3-Dichloropropane	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 20:24	1.0
2,2-Dichloropropane	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 20:24	1.0
1,1-Dichloropropene	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 20:24	1.0
cis-1,3-Dichloropropene	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 20:24	1.0
trans-1,3-Dichloropropene	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 20:24	1.0
Isopropyl Ether	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 20:24	1.0
Ethylbenzene	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 20:24	1.0
Hexachlorobutadiene	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 20:24	1.0
Isopropylbenzene	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 20:24	1.0
p-Isopropyltoluene	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 20:24	1.0
Methylene Chloride	<59		120	59	ug/kg dry	☼	11/17/11 13:37	11/17/11 20:24	1.0

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-42 8-10'

Lab Sample ID: WUK0392-25

Date Collected: 11/10/11 12:25

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 84.5

Method: SW 8260B - VOCs by SW8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-Butyl Ether	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 20:24	1.0
Naphthalene	<59		120	59	ug/kg dry	☼	11/17/11 13:37	11/17/11 20:24	1.0
n-Propylbenzene	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 20:24	1.0
Styrene	<59		120	59	ug/kg dry	☼	11/17/11 13:37	11/17/11 20:24	1.0
1,1,1,2-Tetrachloroethane	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 20:24	1.0
1,1,2,2-Tetrachloroethane	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 20:24	1.0
Tetrachloroethene	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 20:24	1.0
Toluene	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 20:24	1.0
1,2,3-Trichlorobenzene	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 20:24	1.0
1,2,4-Trichlorobenzene	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 20:24	1.0
1,1,1-Trichloroethane	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 20:24	1.0
1,1,2-Trichloroethane	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 20:24	1.0
Trichloroethene	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 20:24	1.0
Trichlorofluoromethane	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 20:24	1.0
1,2,3-Trichloropropane	<59		120	59	ug/kg dry	☼	11/17/11 13:37	11/17/11 20:24	1.0
1,2,4-Trimethylbenzene	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 20:24	1.0
1,3,5-Trimethylbenzene	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 20:24	1.0
Vinyl chloride	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 20:24	1.0
Xylenes, total	<89		360	89	ug/kg dry	☼	11/17/11 13:37	11/17/11 20:24	1.0

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane	97		80 - 120	11/17/11 13:37	11/17/11 20:24	1.0
Toluene-d8	99		80 - 120	11/17/11 13:37	11/17/11 20:24	1.0
4-Bromofluorobenzene	99		80 - 120	11/17/11 13:37	11/17/11 20:24	1.0

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.012		0.038	0.012	mg/Kg	☼	11/22/11 18:27	11/23/11 23:42	1
Acenaphthylene	<0.0089		0.038	0.0089	mg/Kg	☼	11/22/11 18:27	11/23/11 23:42	1
Anthracene	<0.0091		0.038	0.0091	mg/Kg	☼	11/22/11 18:27	11/23/11 23:42	1
Benzo[a]anthracene	<0.0081		0.038	0.0081	mg/Kg	☼	11/22/11 18:27	11/23/11 23:42	1
Benzo[a]pyrene	0.022	J	0.038	0.0070	mg/Kg	☼	11/22/11 18:27	11/23/11 23:42	1
Benzo[b]fluoranthene	0.015	J	0.038	0.0075	mg/Kg	☼	11/22/11 18:27	11/23/11 23:42	1
Benzo[g,h,i]perylene	0.024	J	0.038	0.013	mg/Kg	☼	11/22/11 18:27	11/23/11 23:42	1
Benzo[k]fluoranthene	0.016	J	0.038	0.0092	mg/Kg	☼	11/22/11 18:27	11/23/11 23:42	1
Chrysene	<0.0087		0.038	0.0087	mg/Kg	☼	11/22/11 18:27	11/23/11 23:42	1
Dibenz(a,h)anthracene	<0.011		0.038	0.011	mg/Kg	☼	11/22/11 18:27	11/23/11 23:42	1
Fluoranthene	<0.016		0.038	0.016	mg/Kg	☼	11/22/11 18:27	11/23/11 23:42	1
Fluorene	<0.0088		0.038	0.0088	mg/Kg	☼	11/22/11 18:27	11/23/11 23:42	1
Indeno[1,2,3-cd]pyrene	0.019	J	0.038	0.013	mg/Kg	☼	11/22/11 18:27	11/23/11 23:42	1
Naphthalene	<0.0075		0.038	0.0075	mg/Kg	☼	11/22/11 18:27	11/23/11 23:42	1
Phenanthrene	<0.016		0.038	0.016	mg/Kg	☼	11/22/11 18:27	11/23/11 23:42	1
Pyrene	<0.014		0.038	0.014	mg/Kg	☼	11/22/11 18:27	11/23/11 23:42	1
2-Methylnaphthalene	<0.050		0.19	0.050	mg/Kg	☼	11/22/11 18:27	11/23/11 23:42	1
1-Methylnaphthalene	<0.019		0.038	0.019	mg/Kg	☼	11/22/11 18:27	11/23/11 23:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	85		27 - 113	11/22/11 18:27	11/23/11 23:42	1
Nitrobenzene-d5	84		22 - 110	11/22/11 18:27	11/23/11 23:42	1
Terphenyl-d14	94		33 - 129	11/22/11 18:27	11/23/11 23:42	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-42 8-10'

Lab Sample ID: WUK0392-25

Date Collected: 11/10/11 12:25

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 84.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0067		0.019	0.0067	mg/Kg	☼	11/21/11 21:32	11/22/11 15:13	1
PCB-1221	<0.015		0.019	0.015	mg/Kg	☼	11/21/11 21:32	11/22/11 15:13	1
PCB-1232	<0.0073		0.019	0.0073	mg/Kg	☼	11/21/11 21:32	11/22/11 15:13	1
PCB-1242	<0.0090		0.019	0.0090	mg/Kg	☼	11/21/11 21:32	11/22/11 15:13	1
PCB-1248	<0.0068		0.019	0.0068	mg/Kg	☼	11/21/11 21:32	11/22/11 15:13	1
PCB-1254	<0.0054		0.019	0.0054	mg/Kg	☼	11/21/11 21:32	11/22/11 15:13	1
PCB-1260	<0.0044		0.019	0.0044	mg/Kg	☼	11/21/11 21:32	11/22/11 15:13	1
Polychlorinated biphenyls, Total	<0.0029		0.019	0.0029	mg/Kg	☼	11/21/11 21:32	11/22/11 15:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	68		28 - 124				11/21/11 21:32	11/22/11 15:13	1
DCB Decachlorobiphenyl	102		38 - 130				11/21/11 21:32	11/22/11 15:13	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.7		1.2	0.16	mg/Kg	☼	11/20/11 15:48	11/21/11 19:28	1
Barium	55		1.2	0.064	mg/Kg	☼	11/20/11 15:48	11/21/11 19:28	1
Cadmium	0.33		0.23	0.031	mg/Kg	☼	11/20/11 15:48	11/21/11 19:28	1
Chromium	17		1.2	0.098	mg/Kg	☼	11/20/11 15:48	11/21/11 19:28	1
Lead	6.6		0.58	0.28	mg/Kg	☼	11/20/11 15:48	11/21/11 19:28	1
Selenium	<0.32		1.2	0.32	mg/Kg	☼	11/20/11 15:48	11/21/11 19:28	1
Silver	<0.072		0.58	0.072	mg/Kg	☼	11/20/11 15:48	11/21/11 19:28	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.013	J	0.018	0.0054	mg/Kg	☼	11/23/11 08:15	11/23/11 12:38	1

Client Sample ID: B-43 0-2'

Lab Sample ID: WUK0392-26

Date Collected: 11/10/11 12:45

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 83.1

Method: SW 8260B - VOCs by SW8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 20:51	1.0
Bromobenzene	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 20:51	1.0
Bromochloromethane	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 20:51	1.0
Bromodichloromethane	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 20:51	1.0
Bromoform	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 20:51	1.0
Bromomethane	<120		300	120	ug/kg dry	☼	11/17/11 13:37	11/17/11 20:51	1.0
n-Butylbenzene	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 20:51	1.0
sec-Butylbenzene	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 20:51	1.0
tert-Butylbenzene	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 20:51	1.0
Carbon Tetrachloride	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 20:51	1.0
Chlorobenzene	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 20:51	1.0
Chlorodibromomethane	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 20:51	1.0
Chloroethane	<60		120	60	ug/kg dry	☼	11/17/11 13:37	11/17/11 20:51	1.0
Chloroform	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 20:51	1.0
Chloromethane	<60		120	60	ug/kg dry	☼	11/17/11 13:37	11/17/11 20:51	1.0
2-Chlorotoluene	<60		120	60	ug/kg dry	☼	11/17/11 13:37	11/17/11 20:51	1.0
4-Chlorotoluene	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 20:51	1.0

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-43 0-2'

Lab Sample ID: WUK0392-26

Date Collected: 11/10/11 12:45

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 83.1

Method: SW 8260B - VOCs by SW8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-chloropropane	<60		120	60	ug/kg dry	*	11/17/11 13:37	11/17/11 20:51	1.0
1,2-Dibromoethane (EDB)	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 20:51	1.0
Dibromomethane	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 20:51	1.0
1,2-Dichlorobenzene	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 20:51	1.0
1,3-Dichlorobenzene	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 20:51	1.0
1,4-Dichlorobenzene	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 20:51	1.0
Dichlorodifluoromethane	<60		120	60	ug/kg dry	*	11/17/11 13:37	11/17/11 20:51	1.0
1,1-Dichloroethane	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 20:51	1.0
1,2-Dichloroethane	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 20:51	1.0
1,1-Dichloroethene	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 20:51	1.0
cis-1,2-Dichloroethene	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 20:51	1.0
trans-1,2-Dichloroethene	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 20:51	1.0
1,2-Dichloropropane	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 20:51	1.0
1,3-Dichloropropane	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 20:51	1.0
2,2-Dichloropropane	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 20:51	1.0
1,1-Dichloropropene	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 20:51	1.0
cis-1,3-Dichloropropene	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 20:51	1.0
trans-1,3-Dichloropropene	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 20:51	1.0
Isopropyl Ether	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 20:51	1.0
Ethylbenzene	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 20:51	1.0
Hexachlorobutadiene	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 20:51	1.0
Isopropylbenzene	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 20:51	1.0
p-Isopropyltoluene	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 20:51	1.0
Methylene Chloride	<60		120	60	ug/kg dry	*	11/17/11 13:37	11/17/11 20:51	1.0
Methyl tert-Butyl Ether	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 20:51	1.0
Naphthalene	140		120	60	ug/kg dry	*	11/17/11 13:37	11/17/11 20:51	1.0
n-Propylbenzene	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 20:51	1.0
Styrene	<60		120	60	ug/kg dry	*	11/17/11 13:37	11/17/11 20:51	1.0
1,1,1,2-Tetrachloroethane	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 20:51	1.0
1,1,2,2-Tetrachloroethane	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 20:51	1.0
Tetrachloroethene	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 20:51	1.0
Toluene	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 20:51	1.0
1,2,3-Trichlorobenzene	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 20:51	1.0
1,2,4-Trichlorobenzene	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 20:51	1.0
1,1,1-Trichloroethane	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 20:51	1.0
1,1,2-Trichloroethane	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 20:51	1.0
Trichloroethene	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 20:51	1.0
Trichlorofluoromethane	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 20:51	1.0
1,2,3-Trichloropropane	<60		120	60	ug/kg dry	*	11/17/11 13:37	11/17/11 20:51	1.0
1,2,4-Trimethylbenzene	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 20:51	1.0
1,3,5-Trimethylbenzene	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 20:51	1.0
Vinyl chloride	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 20:51	1.0
Xylenes, total	<90		360	90	ug/kg dry	*	11/17/11 13:37	11/17/11 20:51	1.0

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane	97		80 - 120	11/17/11 13:37	11/17/11 20:51	1.0
Toluene-d8	99		80 - 120	11/17/11 13:37	11/17/11 20:51	1.0
4-Bromofluorobenzene	100		80 - 120	11/17/11 13:37	11/17/11 20:51	1.0

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-43 0-2'

Lab Sample ID: WUK0392-26

Date Collected: 11/10/11 12:45

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 83.1

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.14		0.038	0.011	mg/Kg	☼	11/22/11 18:27	11/26/11 21:36	1
Acenaphthylene	0.085		0.038	0.0087	mg/Kg	☼	11/22/11 18:27	11/26/11 21:36	1
Anthracene	0.31		0.038	0.0089	mg/Kg	☼	11/22/11 18:27	11/26/11 21:36	1
Benzo[k]fluoranthene	0.64		0.038	0.0090	mg/Kg	☼	11/22/11 18:27	11/26/11 21:36	1
Dibenz(a,h)anthracene	1.3		0.038	0.011	mg/Kg	☼	11/22/11 18:27	11/26/11 21:36	1
Fluorene	0.082		0.038	0.0086	mg/Kg	☼	11/22/11 18:27	11/26/11 21:36	1
Indeno[1,2,3-cd]pyrene	2.7		0.038	0.013	mg/Kg	☼	11/22/11 18:27	11/26/11 21:36	1
Naphthalene	0.11		0.038	0.0073	mg/Kg	☼	11/22/11 18:27	11/26/11 21:36	1
Phenanthrene	1.2		0.038	0.016	mg/Kg	☼	11/22/11 18:27	11/26/11 21:36	1
2-Methylnaphthalene	0.064	J	0.19	0.049	mg/Kg	☼	11/22/11 18:27	11/26/11 21:36	1
1-Methylnaphthalene	0.043		0.038	0.019	mg/Kg	☼	11/22/11 18:27	11/26/11 21:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	90		27 - 113				11/22/11 18:27	11/26/11 21:36	1
Nitrobenzene-d5	86		22 - 110				11/22/11 18:27	11/26/11 21:36	1
Terphenyl-d14	100		33 - 129				11/22/11 18:27	11/26/11 21:36	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	3.8		0.38	0.079	mg/Kg	☼	11/22/11 18:27	11/26/11 21:56	10
Benzo[a]pyrene	3.7		0.38	0.069	mg/Kg	☼	11/22/11 18:27	11/26/11 21:56	10
Benzo[b]fluoranthene	7.7		0.38	0.074	mg/Kg	☼	11/22/11 18:27	11/26/11 21:56	10
Benzo[g,h,i]perylene	4.2		0.38	0.13	mg/Kg	☼	11/22/11 18:27	11/26/11 21:56	10
Chrysene	4.0		0.38	0.086	mg/Kg	☼	11/22/11 18:27	11/26/11 21:56	10
Fluoranthene	4.7		0.38	0.16	mg/Kg	☼	11/22/11 18:27	11/26/11 21:56	10
Pyrene	4.6		0.38	0.14	mg/Kg	☼	11/22/11 18:27	11/26/11 21:56	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0070		0.020	0.0070	mg/Kg	☼	11/21/11 21:32	11/22/11 15:27	1
PCB-1221	<0.016		0.020	0.016	mg/Kg	☼	11/21/11 21:32	11/22/11 15:27	1
PCB-1232	<0.0076		0.020	0.0076	mg/Kg	☼	11/21/11 21:32	11/22/11 15:27	1
PCB-1242	<0.0094		0.020	0.0094	mg/Kg	☼	11/21/11 21:32	11/22/11 15:27	1
PCB-1248	<0.0071		0.020	0.0071	mg/Kg	☼	11/21/11 21:32	11/22/11 15:27	1
PCB-1254	0.061		0.020	0.0056	mg/Kg	☼	11/21/11 21:32	11/22/11 15:27	1
PCB-1260	0.030		0.020	0.0046	mg/Kg	☼	11/21/11 21:32	11/22/11 15:27	1
Polychlorinated biphenyls, Total	0.090		0.020	0.0030	mg/Kg	☼	11/21/11 21:32	11/22/11 15:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	80		28 - 124				11/21/11 21:32	11/22/11 15:27	1
DCB Decachlorobiphenyl	101		38 - 130				11/21/11 21:32	11/22/11 15:27	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.7		1.1	0.16	mg/Kg	☼	11/20/11 15:48	11/21/11 19:34	1
Barium	72		1.1	0.063	mg/Kg	☼	11/20/11 15:48	11/21/11 19:34	1
Cadmium	0.71		0.22	0.030	mg/Kg	☼	11/20/11 15:48	11/21/11 19:34	1
Chromium	33		1.1	0.095	mg/Kg	☼	11/20/11 15:48	11/21/11 19:34	1
Lead	38		0.56	0.27	mg/Kg	☼	11/20/11 15:48	11/21/11 19:34	1
Selenium	<0.31		1.1	0.31	mg/Kg	☼	11/20/11 15:48	11/21/11 19:34	1
Silver	0.12	J	0.56	0.071	mg/Kg	☼	11/20/11 15:48	11/21/11 19:34	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-43 0-2'

Date Collected: 11/10/11 12:45

Date Received: 11/11/11 15:23

Lab Sample ID: WUK0392-26

Matrix: Solid/Soil

Percent Solids: 83.1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.092		0.018	0.0055	mg/Kg	☼	11/23/11 08:15	11/23/11 12:40	1

Client Sample ID: B-43 4-6'

Date Collected: 11/10/11 12:55

Date Received: 11/11/11 15:23

Lab Sample ID: WUK0392-27

Matrix: Solid/Soil

Percent Solids: 92

Method: SW 8260B - VOCs by SW8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<27		110	27	ug/kg dry	☼	11/17/11 13:37	11/17/11 21:18	1.0
Bromobenzene	<27		110	27	ug/kg dry	☼	11/17/11 13:37	11/17/11 21:18	1.0
Bromochloromethane	<27		110	27	ug/kg dry	☼	11/17/11 13:37	11/17/11 21:18	1.0
Bromodichloromethane	<27		110	27	ug/kg dry	☼	11/17/11 13:37	11/17/11 21:18	1.0
Bromoform	<27		110	27	ug/kg dry	☼	11/17/11 13:37	11/17/11 21:18	1.0
Bromomethane	<110		270	110	ug/kg dry	☼	11/17/11 13:37	11/17/11 21:18	1.0
n-Butylbenzene	<27		110	27	ug/kg dry	☼	11/17/11 13:37	11/17/11 21:18	1.0
sec-Butylbenzene	<27		110	27	ug/kg dry	☼	11/17/11 13:37	11/17/11 21:18	1.0
tert-Butylbenzene	<27		110	27	ug/kg dry	☼	11/17/11 13:37	11/17/11 21:18	1.0
Carbon Tetrachloride	<27		110	27	ug/kg dry	☼	11/17/11 13:37	11/17/11 21:18	1.0
Chlorobenzene	<27		110	27	ug/kg dry	☼	11/17/11 13:37	11/17/11 21:18	1.0
Chlorodibromomethane	<27		110	27	ug/kg dry	☼	11/17/11 13:37	11/17/11 21:18	1.0
Chloroethane	<54		110	54	ug/kg dry	☼	11/17/11 13:37	11/17/11 21:18	1.0
Chloroform	<27		110	27	ug/kg dry	☼	11/17/11 13:37	11/17/11 21:18	1.0
Chloromethane	<54		110	54	ug/kg dry	☼	11/17/11 13:37	11/17/11 21:18	1.0
2-Chlorotoluene	<54		110	54	ug/kg dry	☼	11/17/11 13:37	11/17/11 21:18	1.0
4-Chlorotoluene	<27		110	27	ug/kg dry	☼	11/17/11 13:37	11/17/11 21:18	1.0
1,2-Dibromo-3-chloropropane	<54		110	54	ug/kg dry	☼	11/17/11 13:37	11/17/11 21:18	1.0
1,2-Dibromoethane (EDB)	<27		110	27	ug/kg dry	☼	11/17/11 13:37	11/17/11 21:18	1.0
Dibromomethane	<27		110	27	ug/kg dry	☼	11/17/11 13:37	11/17/11 21:18	1.0
1,2-Dichlorobenzene	<27		110	27	ug/kg dry	☼	11/17/11 13:37	11/17/11 21:18	1.0
1,3-Dichlorobenzene	<27		110	27	ug/kg dry	☼	11/17/11 13:37	11/17/11 21:18	1.0
1,4-Dichlorobenzene	<27		110	27	ug/kg dry	☼	11/17/11 13:37	11/17/11 21:18	1.0
Dichlorodifluoromethane	<54		110	54	ug/kg dry	☼	11/17/11 13:37	11/17/11 21:18	1.0
1,1-Dichloroethane	<27		110	27	ug/kg dry	☼	11/17/11 13:37	11/17/11 21:18	1.0
1,2-Dichloroethane	<27		110	27	ug/kg dry	☼	11/17/11 13:37	11/17/11 21:18	1.0
1,1-Dichloroethene	<27		110	27	ug/kg dry	☼	11/17/11 13:37	11/17/11 21:18	1.0
cis-1,2-Dichloroethene	<27		110	27	ug/kg dry	☼	11/17/11 13:37	11/17/11 21:18	1.0
trans-1,2-Dichloroethene	<27		110	27	ug/kg dry	☼	11/17/11 13:37	11/17/11 21:18	1.0
1,2-Dichloropropane	<27		110	27	ug/kg dry	☼	11/17/11 13:37	11/17/11 21:18	1.0
1,3-Dichloropropane	<27		110	27	ug/kg dry	☼	11/17/11 13:37	11/17/11 21:18	1.0
2,2-Dichloropropane	<27		110	27	ug/kg dry	☼	11/17/11 13:37	11/17/11 21:18	1.0
1,1-Dichloropropene	<27		110	27	ug/kg dry	☼	11/17/11 13:37	11/17/11 21:18	1.0
cis-1,3-Dichloropropene	<27		110	27	ug/kg dry	☼	11/17/11 13:37	11/17/11 21:18	1.0
trans-1,3-Dichloropropene	<27		110	27	ug/kg dry	☼	11/17/11 13:37	11/17/11 21:18	1.0
Isopropyl Ether	<27		110	27	ug/kg dry	☼	11/17/11 13:37	11/17/11 21:18	1.0
Ethylbenzene	<27		110	27	ug/kg dry	☼	11/17/11 13:37	11/17/11 21:18	1.0
Hexachlorobutadiene	<27		110	27	ug/kg dry	☼	11/17/11 13:37	11/17/11 21:18	1.0
Isopropylbenzene	<27		110	27	ug/kg dry	☼	11/17/11 13:37	11/17/11 21:18	1.0
p-Isopropyltoluene	<27		110	27	ug/kg dry	☼	11/17/11 13:37	11/17/11 21:18	1.0
Methylene Chloride	<54		110	54	ug/kg dry	☼	11/17/11 13:37	11/17/11 21:18	1.0

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-43 4-6'

Lab Sample ID: WUK0392-27

Date Collected: 11/10/11 12:55

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 92

Method: SW 8260B - VOCs by SW8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-Butyl Ether	<27		110	27	ug/kg dry	*	11/17/11 13:37	11/17/11 21:18	1.0
Naphthalene	<54		110	54	ug/kg dry	*	11/17/11 13:37	11/17/11 21:18	1.0
n-Propylbenzene	<27		110	27	ug/kg dry	*	11/17/11 13:37	11/17/11 21:18	1.0
Styrene	<54		110	54	ug/kg dry	*	11/17/11 13:37	11/17/11 21:18	1.0
1,1,1,2-Tetrachloroethane	<27		110	27	ug/kg dry	*	11/17/11 13:37	11/17/11 21:18	1.0
1,1,2,2-Tetrachloroethane	<27		110	27	ug/kg dry	*	11/17/11 13:37	11/17/11 21:18	1.0
Tetrachloroethene	<27		110	27	ug/kg dry	*	11/17/11 13:37	11/17/11 21:18	1.0
Toluene	<27		110	27	ug/kg dry	*	11/17/11 13:37	11/17/11 21:18	1.0
1,2,3-Trichlorobenzene	<27		110	27	ug/kg dry	*	11/17/11 13:37	11/17/11 21:18	1.0
1,2,4-Trichlorobenzene	<27		110	27	ug/kg dry	*	11/17/11 13:37	11/17/11 21:18	1.0
1,1,1-Trichloroethane	<27		110	27	ug/kg dry	*	11/17/11 13:37	11/17/11 21:18	1.0
1,1,2-Trichloroethane	<27		110	27	ug/kg dry	*	11/17/11 13:37	11/17/11 21:18	1.0
Trichloroethene	<27		110	27	ug/kg dry	*	11/17/11 13:37	11/17/11 21:18	1.0
Trichlorofluoromethane	<27		110	27	ug/kg dry	*	11/17/11 13:37	11/17/11 21:18	1.0
1,2,3-Trichloropropane	<54		110	54	ug/kg dry	*	11/17/11 13:37	11/17/11 21:18	1.0
1,2,4-Trimethylbenzene	<27		110	27	ug/kg dry	*	11/17/11 13:37	11/17/11 21:18	1.0
1,3,5-Trimethylbenzene	<27		110	27	ug/kg dry	*	11/17/11 13:37	11/17/11 21:18	1.0
Vinyl chloride	<27		110	27	ug/kg dry	*	11/17/11 13:37	11/17/11 21:18	1.0
Xylenes, total	<82		330	82	ug/kg dry	*	11/17/11 13:37	11/17/11 21:18	1.0

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane	98		80 - 120	11/17/11 13:37	11/17/11 21:18	1.0
Toluene-d8	99		80 - 120	11/17/11 13:37	11/17/11 21:18	1.0
4-Bromofluorobenzene	100		80 - 120	11/17/11 13:37	11/17/11 21:18	1.0

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.017	J	0.034	0.010	mg/Kg	*	11/22/11 18:27	11/26/11 22:18	1
Acenaphthylene	0.025	J	0.034	0.0079	mg/Kg	*	11/22/11 18:27	11/26/11 22:18	1
Anthracene	0.043		0.034	0.0081	mg/Kg	*	11/22/11 18:27	11/26/11 22:18	1
Benzo[a]anthracene	0.60		0.034	0.0072	mg/Kg	*	11/22/11 18:27	11/26/11 22:18	1
Benzo[a]pyrene	0.89		0.034	0.0062	mg/Kg	*	11/22/11 18:27	11/26/11 22:18	1
Benzo[b]fluoranthene	1.2		0.034	0.0067	mg/Kg	*	11/22/11 18:27	11/26/11 22:18	1
Benzo[g,h,i]perylene	0.66		0.034	0.012	mg/Kg	*	11/22/11 18:27	11/26/11 22:18	1
Benzo[k]fluoranthene	0.23		0.034	0.0082	mg/Kg	*	11/22/11 18:27	11/26/11 22:18	1
Chrysene	0.68		0.034	0.0077	mg/Kg	*	11/22/11 18:27	11/26/11 22:18	1
Dibenz(a,h)anthracene	0.27		0.034	0.0096	mg/Kg	*	11/22/11 18:27	11/26/11 22:18	1
Fluoranthene	0.72		0.034	0.014	mg/Kg	*	11/22/11 18:27	11/26/11 22:18	1
Fluorene	0.012	J	0.034	0.0078	mg/Kg	*	11/22/11 18:27	11/26/11 22:18	1
Indeno[1,2,3-cd]pyrene	0.55		0.034	0.012	mg/Kg	*	11/22/11 18:27	11/26/11 22:18	1
Naphthalene	0.025	J	0.034	0.0066	mg/Kg	*	11/22/11 18:27	11/26/11 22:18	1
Phenanthrene	0.17		0.034	0.014	mg/Kg	*	11/22/11 18:27	11/26/11 22:18	1
Pyrene	0.62		0.034	0.012	mg/Kg	*	11/22/11 18:27	11/26/11 22:18	1
2-Methylnaphthalene	<0.044		0.17	0.044	mg/Kg	*	11/22/11 18:27	11/26/11 22:18	1
1-Methylnaphthalene	<0.017		0.034	0.017	mg/Kg	*	11/22/11 18:27	11/26/11 22:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	74		27 - 113	11/22/11 18:27	11/26/11 22:18	1
Nitrobenzene-d5	78		22 - 110	11/22/11 18:27	11/26/11 22:18	1
Terphenyl-d14	77		33 - 129	11/22/11 18:27	11/26/11 22:18	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-43 4-6'

Lab Sample ID: WUK0392-27

Date Collected: 11/10/11 12:55

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 92.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0062		0.017	0.0062	mg/Kg	☼	11/21/11 21:32	11/22/11 15:41	1
PCB-1221	<0.014		0.017	0.014	mg/Kg	☼	11/21/11 21:32	11/22/11 15:41	1
PCB-1232	<0.0067		0.017	0.0067	mg/Kg	☼	11/21/11 21:32	11/22/11 15:41	1
PCB-1242	<0.0083		0.017	0.0083	mg/Kg	☼	11/21/11 21:32	11/22/11 15:41	1
PCB-1248	<0.0063		0.017	0.0063	mg/Kg	☼	11/21/11 21:32	11/22/11 15:41	1
PCB-1254	0.098		0.017	0.0050	mg/Kg	☼	11/21/11 21:32	11/22/11 15:41	1
PCB-1260	<0.0040		0.017	0.0040	mg/Kg	☼	11/21/11 21:32	11/22/11 15:41	1
Polychlorinated biphenyls, Total	0.098		0.017	0.0027	mg/Kg	☼	11/21/11 21:32	11/22/11 15:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	54		28 - 124	11/21/11 21:32	11/22/11 15:41	1
DCB Decachlorobiphenyl	84		38 - 130	11/21/11 21:32	11/22/11 15:41	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.3		0.95	0.13	mg/Kg	☼	11/20/11 15:48	11/21/11 19:40	1
Barium	10		0.95	0.053	mg/Kg	☼	11/20/11 15:48	11/21/11 19:40	1
Cadmium	0.19		0.19	0.026	mg/Kg	☼	11/20/11 15:48	11/21/11 19:40	1
Chromium	3.6		0.95	0.081	mg/Kg	☼	11/20/11 15:48	11/21/11 19:40	1
Lead	2.5		0.48	0.23	mg/Kg	☼	11/20/11 15:48	11/21/11 19:40	1
Selenium	<0.27		0.95	0.27	mg/Kg	☼	11/20/11 15:48	11/21/11 19:40	1
Silver	0.069	J	0.48	0.060	mg/Kg	☼	11/20/11 15:48	11/21/11 19:40	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0087	J	0.016	0.0050	mg/Kg	☼	11/23/11 08:15	11/23/11 13:08	1

Client Sample ID: B-43 8-10'

Lab Sample ID: WUK0392-28

Date Collected: 11/10/11 13:05

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 82.4

Method: SW 8260B - VOCs by SW8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	47	J	120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 21:45	1.0
Bromobenzene	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 21:45	1.0
Bromochloromethane	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 21:45	1.0
Bromodichloromethane	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 21:45	1.0
Bromoform	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 21:45	1.0
Bromomethane	<120		300	120	ug/kg dry	☼	11/17/11 13:37	11/17/11 21:45	1.0
n-Butylbenzene	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 21:45	1.0
sec-Butylbenzene	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 21:45	1.0
tert-Butylbenzene	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 21:45	1.0
Carbon Tetrachloride	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 21:45	1.0
Chlorobenzene	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 21:45	1.0
Chlorodibromomethane	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 21:45	1.0
Chloroethane	<61		120	61	ug/kg dry	☼	11/17/11 13:37	11/17/11 21:45	1.0
Chloroform	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 21:45	1.0
Chloromethane	<61		120	61	ug/kg dry	☼	11/17/11 13:37	11/17/11 21:45	1.0
2-Chlorotoluene	<61		120	61	ug/kg dry	☼	11/17/11 13:37	11/17/11 21:45	1.0
4-Chlorotoluene	<30		120	30	ug/kg dry	☼	11/17/11 13:37	11/17/11 21:45	1.0

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-43 8-10'

Lab Sample ID: WUK0392-28

Date Collected: 11/10/11 13:05

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 82.4

Method: SW 8260B - VOCs by SW8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-chloropropane	<61		120	61	ug/kg dry	*	11/17/11 13:37	11/17/11 21:45	1.0
1,2-Dibromoethane (EDB)	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 21:45	1.0
Dibromomethane	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 21:45	1.0
1,2-Dichlorobenzene	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 21:45	1.0
1,3-Dichlorobenzene	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 21:45	1.0
1,4-Dichlorobenzene	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 21:45	1.0
Dichlorodifluoromethane	<61		120	61	ug/kg dry	*	11/17/11 13:37	11/17/11 21:45	1.0
1,1-Dichloroethane	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 21:45	1.0
1,2-Dichloroethane	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 21:45	1.0
1,1-Dichloroethene	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 21:45	1.0
cis-1,2-Dichloroethene	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 21:45	1.0
trans-1,2-Dichloroethene	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 21:45	1.0
1,2-Dichloropropane	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 21:45	1.0
1,3-Dichloropropane	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 21:45	1.0
2,2-Dichloropropane	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 21:45	1.0
1,1-Dichloropropene	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 21:45	1.0
cis-1,3-Dichloropropene	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 21:45	1.0
trans-1,3-Dichloropropene	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 21:45	1.0
Isopropyl Ether	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 21:45	1.0
Ethylbenzene	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 21:45	1.0
Hexachlorobutadiene	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 21:45	1.0
Isopropylbenzene	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 21:45	1.0
p-Isopropyltoluene	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 21:45	1.0
Methylene Chloride	<61		120	61	ug/kg dry	*	11/17/11 13:37	11/17/11 21:45	1.0
Methyl tert-Butyl Ether	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 21:45	1.0
Naphthalene	<61		120	61	ug/kg dry	*	11/17/11 13:37	11/17/11 21:45	1.0
n-Propylbenzene	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 21:45	1.0
Styrene	<61		120	61	ug/kg dry	*	11/17/11 13:37	11/17/11 21:45	1.0
1,1,1,2-Tetrachloroethane	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 21:45	1.0
1,1,2,2-Tetrachloroethane	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 21:45	1.0
Tetrachloroethene	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 21:45	1.0
Toluene	120		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 21:45	1.0
1,2,3-Trichlorobenzene	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 21:45	1.0
1,2,4-Trichlorobenzene	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 21:45	1.0
1,1,1-Trichloroethane	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 21:45	1.0
1,1,2-Trichloroethane	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 21:45	1.0
Trichloroethene	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 21:45	1.0
Trichlorofluoromethane	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 21:45	1.0
1,2,3-Trichloropropane	<61		120	61	ug/kg dry	*	11/17/11 13:37	11/17/11 21:45	1.0
1,2,4-Trimethylbenzene	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 21:45	1.0
1,3,5-Trimethylbenzene	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 21:45	1.0
Vinyl chloride	<30		120	30	ug/kg dry	*	11/17/11 13:37	11/17/11 21:45	1.0
Xylenes, total	120 J		360	91	ug/kg dry	*	11/17/11 13:37	11/17/11 21:45	1.0

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane	101		80 - 120	11/17/11 13:37	11/17/11 21:45	1.0
Toluene-d8	98		80 - 120	11/17/11 13:37	11/17/11 21:45	1.0
4-Bromofluorobenzene	99		80 - 120	11/17/11 13:37	11/17/11 21:45	1.0

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-43 8-10'

Lab Sample ID: WUK0392-28

Date Collected: 11/10/11 13:05

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 82.4

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.024	J	0.039	0.012	mg/Kg	☼	11/22/11 18:27	11/26/11 22:38	1
Acenaphthylene	0.061		0.039	0.0090	mg/Kg	☼	11/22/11 18:27	11/26/11 22:38	1
Anthracene	0.069		0.039	0.0092	mg/Kg	☼	11/22/11 18:27	11/26/11 22:38	1
Benzo[a]anthracene	0.49		0.039	0.0082	mg/Kg	☼	11/22/11 18:27	11/26/11 22:38	1
Benzo[a]pyrene	0.61		0.039	0.0071	mg/Kg	☼	11/22/11 18:27	11/26/11 22:38	1
Benzo[b]fluoranthene	0.98		0.039	0.0076	mg/Kg	☼	11/22/11 18:27	11/26/11 22:38	1
Benzo[g,h,i]perylene	0.53		0.039	0.013	mg/Kg	☼	11/22/11 18:27	11/26/11 22:38	1
Benzo[k]fluoranthene	0.11		0.039	0.0094	mg/Kg	☼	11/22/11 18:27	11/26/11 22:38	1
Chrysene	0.53		0.039	0.0089	mg/Kg	☼	11/22/11 18:27	11/26/11 22:38	1
Dibenz(a,h)anthracene	0.11		0.039	0.011	mg/Kg	☼	11/22/11 18:27	11/26/11 22:38	1
Fluoranthene	0.90		0.039	0.016	mg/Kg	☼	11/22/11 18:27	11/26/11 22:38	1
Fluorene	0.019	J	0.039	0.0089	mg/Kg	☼	11/22/11 18:27	11/26/11 22:38	1
Indeno[1,2,3-cd]pyrene	0.45		0.039	0.013	mg/Kg	☼	11/22/11 18:27	11/26/11 22:38	1
Naphthalene	0.036	J	0.039	0.0076	mg/Kg	☼	11/22/11 18:27	11/26/11 22:38	1
Phenanthrene	0.33		0.039	0.016	mg/Kg	☼	11/22/11 18:27	11/26/11 22:38	1
Pyrene	0.65		0.039	0.014	mg/Kg	☼	11/22/11 18:27	11/26/11 22:38	1
2-Methylnaphthalene	<0.051		0.20	0.051	mg/Kg	☼	11/22/11 18:27	11/26/11 22:38	1
1-Methylnaphthalene	<0.019		0.039	0.019	mg/Kg	☼	11/22/11 18:27	11/26/11 22:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	84		27 - 113				11/22/11 18:27	11/26/11 22:38	1
Nitrobenzene-d5	86		22 - 110				11/22/11 18:27	11/26/11 22:38	1
Terphenyl-d14	80		33 - 129				11/22/11 18:27	11/26/11 22:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0069		0.019	0.0069	mg/Kg	☼	11/21/11 21:32	11/22/11 15:55	1
PCB-1221	<0.016		0.019	0.016	mg/Kg	☼	11/21/11 21:32	11/22/11 15:55	1
PCB-1232	<0.0075		0.019	0.0075	mg/Kg	☼	11/21/11 21:32	11/22/11 15:55	1
PCB-1242	<0.0092		0.019	0.0092	mg/Kg	☼	11/21/11 21:32	11/22/11 15:55	1
PCB-1248	<0.0070		0.019	0.0070	mg/Kg	☼	11/21/11 21:32	11/22/11 15:55	1
PCB-1254	0.029		0.019	0.0055	mg/Kg	☼	11/21/11 21:32	11/22/11 15:55	1
PCB-1260	<0.0045		0.019	0.0045	mg/Kg	☼	11/21/11 21:32	11/22/11 15:55	1
Polychlorinated biphenyls, Total	0.029		0.019	0.0030	mg/Kg	☼	11/21/11 21:32	11/22/11 15:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	71		28 - 124				11/21/11 21:32	11/22/11 15:55	1
DCB Decachlorobiphenyl	101		38 - 130				11/21/11 21:32	11/22/11 15:55	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.6		1.1	0.15	mg/Kg	☼	11/20/11 15:48	11/21/11 20:26	1
Barium	82		1.1	0.062	mg/Kg	☼	11/20/11 15:48	11/21/11 20:26	1
Cadmium	0.38		0.22	0.030	mg/Kg	☼	11/20/11 15:48	11/21/11 20:26	1
Chromium	25		1.1	0.094	mg/Kg	☼	11/20/11 15:48	11/21/11 20:26	1
Lead	9.3		0.55	0.27	mg/Kg	☼	11/20/11 15:48	11/21/11 20:26	1
Selenium	<0.31		1.1	0.31	mg/Kg	☼	11/20/11 15:48	11/21/11 20:26	1
Silver	<0.070		0.55	0.070	mg/Kg	☼	11/20/11 15:48	11/21/11 20:26	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-43 8-10'

Lab Sample ID: WUK0392-28

Date Collected: 11/10/11 13:05

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 82.4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.029		0.019	0.0059	mg/Kg	☼	11/23/11 08:15	11/23/11 13:09	1

Client Sample ID: B-44 0-2'

Lab Sample ID: WUK0392-29

Date Collected: 11/10/11 13:10

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 85.6

Method: SW 8260B - VOCs by SW8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<29		120	29	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:12	1.0
Bromobenzene	<29		120	29	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:12	1.0
Bromochloromethane	<29		120	29	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:12	1.0
Bromodichloromethane	<29		120	29	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:12	1.0
Bromoform	<29		120	29	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:12	1.0
Bromomethane	<120		290	120	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:12	1.0
n-Butylbenzene	<29		120	29	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:12	1.0
sec-Butylbenzene	<29		120	29	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:12	1.0
tert-Butylbenzene	<29		120	29	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:12	1.0
Carbon Tetrachloride	<29		120	29	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:12	1.0
Chlorobenzene	<29		120	29	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:12	1.0
Chlorodibromomethane	<29		120	29	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:12	1.0
Chloroethane	<58		120	58	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:12	1.0
Chloroform	<29		120	29	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:12	1.0
Chloromethane	<58		120	58	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:12	1.0
2-Chlorotoluene	<58		120	58	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:12	1.0
4-Chlorotoluene	<29		120	29	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:12	1.0
1,2-Dibromo-3-chloropropane	<58		120	58	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:12	1.0
1,2-Dibromoethane (EDB)	<29		120	29	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:12	1.0
Dibromomethane	<29		120	29	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:12	1.0
1,2-Dichlorobenzene	<29		120	29	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:12	1.0
1,3-Dichlorobenzene	<29		120	29	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:12	1.0
1,4-Dichlorobenzene	<29		120	29	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:12	1.0
Dichlorodifluoromethane	<58		120	58	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:12	1.0
1,1-Dichloroethane	<29		120	29	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:12	1.0
1,2-Dichloroethane	<29		120	29	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:12	1.0
1,1-Dichloroethene	<29		120	29	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:12	1.0
cis-1,2-Dichloroethene	<29		120	29	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:12	1.0
trans-1,2-Dichloroethene	<29		120	29	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:12	1.0
1,2-Dichloropropane	<29		120	29	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:12	1.0
1,3-Dichloropropane	<29		120	29	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:12	1.0
2,2-Dichloropropane	<29		120	29	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:12	1.0
1,1-Dichloropropene	<29		120	29	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:12	1.0
cis-1,3-Dichloropropene	<29		120	29	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:12	1.0
trans-1,3-Dichloropropene	<29		120	29	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:12	1.0
Isopropyl Ether	<29		120	29	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:12	1.0
Ethylbenzene	<29		120	29	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:12	1.0
Hexachlorobutadiene	<29		120	29	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:12	1.0
Isopropylbenzene	<29		120	29	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:12	1.0
p-Isopropyltoluene	<29		120	29	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:12	1.0
Methylene Chloride	<58		120	58	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:12	1.0

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-44 0-2'

Lab Sample ID: WUK0392-29

Date Collected: 11/10/11 13:10

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 85.6

Method: SW 8260B - VOCs by SW8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-Butyl Ether	<29		120	29	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:12	1.0
Naphthalene	<58		120	58	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:12	1.0
n-Propylbenzene	<29		120	29	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:12	1.0
Styrene	<58		120	58	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:12	1.0
1,1,1,2-Tetrachloroethane	<29		120	29	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:12	1.0
1,1,2,2-Tetrachloroethane	<29		120	29	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:12	1.0
Tetrachloroethene	<29		120	29	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:12	1.0
Toluene	<29		120	29	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:12	1.0
1,2,3-Trichlorobenzene	<29		120	29	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:12	1.0
1,2,4-Trichlorobenzene	<29		120	29	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:12	1.0
1,1,1-Trichloroethane	<29		120	29	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:12	1.0
1,1,2-Trichloroethane	<29		120	29	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:12	1.0
Trichloroethene	<29		120	29	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:12	1.0
Trichlorofluoromethane	<29		120	29	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:12	1.0
1,2,3-Trichloropropane	<58		120	58	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:12	1.0
1,2,4-Trimethylbenzene	<29		120	29	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:12	1.0
1,3,5-Trimethylbenzene	<29		120	29	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:12	1.0
Vinyl chloride	<29		120	29	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:12	1.0
Xylenes, total	<88		350	88	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:12	1.0

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane	97		80 - 120	11/17/11 13:37	11/17/11 22:12	1.0
Toluene-d8	100		80 - 120	11/17/11 13:37	11/17/11 22:12	1.0
4-Bromofluorobenzene	100		80 - 120	11/17/11 13:37	11/17/11 22:12	1.0

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.041		0.18	0.041	mg/Kg	☼	11/22/11 18:27	11/23/11 19:29	1
1,2-Dichlorobenzene	<0.040		0.18	0.040	mg/Kg	☼	11/22/11 18:27	11/23/11 19:29	1
1,3-Dichlorobenzene	<0.038		0.18	0.038	mg/Kg	☼	11/22/11 18:27	11/23/11 19:29	1
1,4-Dichlorobenzene	<0.038		0.18	0.038	mg/Kg	☼	11/22/11 18:27	11/23/11 19:29	1
2,4,5-Trichlorophenol	<0.10		0.36	0.10	mg/Kg	☼	11/22/11 18:27	11/23/11 19:29	1
2,4,6-Trichlorophenol	<0.046		0.36	0.046	mg/Kg	☼	11/22/11 18:27	11/23/11 19:29	1
2,4-Dichlorophenol	<0.11		0.36	0.11	mg/Kg	☼	11/22/11 18:27	11/23/11 19:29	1
2,4-Dimethylphenol	<0.11		0.36	0.11	mg/Kg	☼	11/22/11 18:27	11/23/11 19:29	1
2,4-Dinitrophenol	<0.19		0.73	0.19	mg/Kg	☼	11/22/11 18:27	11/23/11 19:29	1
2,4-Dinitrotoluene	<0.056		0.18	0.056	mg/Kg	☼	11/22/11 18:27	11/23/11 19:29	1
2,6-Dinitrotoluene	<0.043		0.18	0.043	mg/Kg	☼	11/22/11 18:27	11/23/11 19:29	1
2-Chloronaphthalene	<0.041		0.18	0.041	mg/Kg	☼	11/22/11 18:27	11/23/11 19:29	1
2-Chlorophenol	<0.052		0.18	0.052	mg/Kg	☼	11/22/11 18:27	11/23/11 19:29	1
2-Methylnaphthalene	<0.047		0.18	0.047	mg/Kg	☼	11/22/11 18:27	11/23/11 19:29	1
2-Methylphenol	<0.048		0.18	0.048	mg/Kg	☼	11/22/11 18:27	11/23/11 19:29	1
2-Nitroaniline	<0.066		0.18	0.066	mg/Kg	☼	11/22/11 18:27	11/23/11 19:29	1
2-Nitrophenol	<0.057		0.36	0.057	mg/Kg	☼	11/22/11 18:27	11/23/11 19:29	1
3 & 4 Methylphenol	<0.069		0.18	0.069	mg/Kg	☼	11/22/11 18:27	11/23/11 19:29	1
3,3'-Dichlorobenzidine	<0.030		0.18	0.030	mg/Kg	☼	11/22/11 18:27	11/23/11 19:29	1
3-Nitroaniline	<0.070		0.36	0.070	mg/Kg	☼	11/22/11 18:27	11/23/11 19:29	1
4,6-Dinitro-2-methylphenol	<0.088		0.36	0.088	mg/Kg	☼	11/22/11 18:27	11/23/11 19:29	1
4-Bromophenyl phenyl ether	<0.041		0.18	0.041	mg/Kg	☼	11/22/11 18:27	11/23/11 19:29	1
4-Chloro-3-methylphenol	<0.17		0.36	0.17	mg/Kg	☼	11/22/11 18:27	11/23/11 19:29	1
4-Chloroaniline	<0.11		0.73	0.11	mg/Kg	☼	11/22/11 18:27	11/23/11 19:29	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-44 0-2'

Lab Sample ID: WUK0392-29

Date Collected: 11/10/11 13:10

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 85.6

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chlorophenyl phenyl ether	<0.057		0.18	0.057	mg/Kg	☼	11/22/11 18:27	11/23/11 19:29	1
4-Nitroaniline	<0.075		0.36	0.075	mg/Kg	☼	11/22/11 18:27	11/23/11 19:29	1
4-Nitrophenol	<0.20		0.73	0.20	mg/Kg	☼	11/22/11 18:27	11/23/11 19:29	1
Acenaphthene	0.013	J	0.036	0.011	mg/Kg	☼	11/22/11 18:27	11/23/11 19:29	1
Acenaphthylene	<0.0084		0.036	0.0084	mg/Kg	☼	11/22/11 18:27	11/23/11 19:29	1
Anthracene	0.027	J	0.036	0.0086	mg/Kg	☼	11/22/11 18:27	11/23/11 19:29	1
Benzo[a]anthracene	0.25		0.036	0.0076	mg/Kg	☼	11/22/11 18:27	11/23/11 19:29	1
Benzo[a]pyrene	0.32		0.036	0.0066	mg/Kg	☼	11/22/11 18:27	11/23/11 19:29	1
Benzo[b]fluoranthene	0.36		0.036	0.0071	mg/Kg	☼	11/22/11 18:27	11/23/11 19:29	1
Benzo[g,h,i]perylene	0.24		0.036	0.012	mg/Kg	☼	11/22/11 18:27	11/23/11 19:29	1
Benzo[k]fluoranthene	0.20		0.036	0.0087	mg/Kg	☼	11/22/11 18:27	11/23/11 19:29	1
bis(2-chloroisopropyl) ether	<0.040		0.18	0.040	mg/Kg	☼	11/22/11 18:27	11/23/11 19:29	1
Bis(2-chloroethoxy)methane	<0.040		0.18	0.040	mg/Kg	☼	11/22/11 18:27	11/23/11 19:29	1
Bis(2-chloroethyl)ether	<0.054		0.18	0.054	mg/Kg	☼	11/22/11 18:27	11/23/11 19:29	1
Bis(2-ethylhexyl) phthalate	<0.048		0.18	0.048	mg/Kg	☼	11/22/11 18:27	11/23/11 19:29	1
Butyl benzyl phthalate	<0.046		0.18	0.046	mg/Kg	☼	11/22/11 18:27	11/23/11 19:29	1
Carbazole	<0.051		0.18	0.051	mg/Kg	☼	11/22/11 18:27	11/23/11 19:29	1
Chrysene	0.30		0.036	0.0082	mg/Kg	☼	11/22/11 18:27	11/23/11 19:29	1
Dibenz(a,h)anthracene	0.065		0.036	0.010	mg/Kg	☼	11/22/11 18:27	11/23/11 19:29	1
Dibenzofuran	<0.044		0.18	0.044	mg/Kg	☼	11/22/11 18:27	11/23/11 19:29	1
Diethyl phthalate	<0.061		0.18	0.061	mg/Kg	☼	11/22/11 18:27	11/23/11 19:29	1
Dimethyl phthalate	<0.045		0.18	0.045	mg/Kg	☼	11/22/11 18:27	11/23/11 19:29	1
Di-n-butyl phthalate	<0.046		0.18	0.046	mg/Kg	☼	11/22/11 18:27	11/23/11 19:29	1
Di-n-octyl phthalate	<0.074		0.18	0.074	mg/Kg	☼	11/22/11 18:27	11/23/11 19:29	1
Fluoranthene	0.37		0.036	0.015	mg/Kg	☼	11/22/11 18:27	11/23/11 19:29	1
Fluorene	0.011	J	0.036	0.0083	mg/Kg	☼	11/22/11 18:27	11/23/11 19:29	1
Hexachlorobenzene	<0.0072		0.073	0.0072	mg/Kg	☼	11/22/11 18:27	11/23/11 19:29	1
Hexachlorobutadiene	<0.048		0.18	0.048	mg/Kg	☼	11/22/11 18:27	11/23/11 19:29	1
Hexachlorocyclopentadiene	<0.17		0.73	0.17	mg/Kg	☼	11/22/11 18:27	11/23/11 19:29	1
Hexachloroethane	<0.039		0.18	0.039	mg/Kg	☼	11/22/11 18:27	11/23/11 19:29	1
Indeno[1,2,3-cd]pyrene	0.21		0.036	0.012	mg/Kg	☼	11/22/11 18:27	11/23/11 19:29	1
Isophorone	<0.041		0.18	0.041	mg/Kg	☼	11/22/11 18:27	11/23/11 19:29	1
Naphthalene	0.0081	J	0.036	0.0070	mg/Kg	☼	11/22/11 18:27	11/23/11 19:29	1
Nitrobenzene	<0.011		0.036	0.011	mg/Kg	☼	11/22/11 18:27	11/23/11 19:29	1
N-Nitrosodimethylamine	<0.40		0.73	0.40	mg/Kg	☼	11/22/11 18:27	11/23/11 19:29	1
N-Nitrosodi-n-propylamine	<0.046		0.18	0.046	mg/Kg	☼	11/22/11 18:27	11/23/11 19:29	1
Pentachlorophenol	<0.19		0.73	0.19	mg/Kg	☼	11/22/11 18:27	11/23/11 19:29	1
Phenanthrene	0.14		0.036	0.015	mg/Kg	☼	11/22/11 18:27	11/23/11 19:29	1
Phenol	<0.058		0.18	0.058	mg/Kg	☼	11/22/11 18:27	11/23/11 19:29	1
Pyrene	0.29		0.036	0.013	mg/Kg	☼	11/22/11 18:27	11/23/11 19:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	101		30 - 137				11/22/11 18:27	11/23/11 19:29	1
2-Fluorobiphenyl	80		27 - 113				11/22/11 18:27	11/23/11 19:29	1
2-Fluorophenol	68		30 - 110				11/22/11 18:27	11/23/11 19:29	1
Nitrobenzene-d5	78		22 - 110				11/22/11 18:27	11/23/11 19:29	1
Phenol-d5	78		26 - 112				11/22/11 18:27	11/23/11 19:29	1
Terphenyl-d14	80		33 - 129				11/22/11 18:27	11/23/11 19:29	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-44 0-2'

Lab Sample ID: WUK0392-29

Date Collected: 11/10/11 13:10

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 85.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0069		0.019	0.0069	mg/Kg	☼	11/21/11 21:32	11/22/11 16:38	1
PCB-1221	<0.015		0.019	0.015	mg/Kg	☼	11/21/11 21:32	11/22/11 16:38	1
PCB-1232	<0.0074		0.019	0.0074	mg/Kg	☼	11/21/11 21:32	11/22/11 16:38	1
PCB-1242	<0.0091		0.019	0.0091	mg/Kg	☼	11/21/11 21:32	11/22/11 16:38	1
PCB-1248	<0.0070		0.019	0.0070	mg/Kg	☼	11/21/11 21:32	11/22/11 16:38	1
PCB-1254	<0.0055		0.019	0.0055	mg/Kg	☼	11/21/11 21:32	11/22/11 16:38	1
PCB-1260	<0.0045		0.019	0.0045	mg/Kg	☼	11/21/11 21:32	11/22/11 16:38	1
Polychlorinated biphenyls, Total	<0.0030		0.019	0.0030	mg/Kg	☼	11/21/11 21:32	11/22/11 16:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	67		28 - 124				11/21/11 21:32	11/22/11 16:38	1
DCB Decachlorobiphenyl	114		38 - 130				11/21/11 21:32	11/22/11 16:38	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.2		1.1	0.16	mg/Kg	☼	11/20/11 15:48	11/21/11 20:32	1
Barium	51		1.1	0.063	mg/Kg	☼	11/20/11 15:48	11/21/11 20:32	1
Cadmium	0.35		0.22	0.030	mg/Kg	☼	11/20/11 15:48	11/21/11 20:32	1
Chromium	19		1.1	0.095	mg/Kg	☼	11/20/11 15:48	11/21/11 20:32	1
Lead	9.9		0.56	0.27	mg/Kg	☼	11/20/11 15:48	11/21/11 20:32	1
Selenium	<0.31		1.1	0.31	mg/Kg	☼	11/20/11 15:48	11/21/11 20:32	1
Silver	<0.071		0.56	0.071	mg/Kg	☼	11/20/11 15:48	11/21/11 20:32	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.044		0.019	0.0057	mg/Kg	☼	11/23/11 08:15	11/23/11 13:11	1

Client Sample ID: B-44 4-6'

Lab Sample ID: WUK0392-30

Date Collected: 11/10/11 13:15

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 87.5

Method: SW 8260B - VOCs by SW8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<29		110	29	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:40	1.0
Bromobenzene	<29		110	29	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:40	1.0
Bromochloromethane	<29		110	29	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:40	1.0
Bromodichloromethane	<29		110	29	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:40	1.0
Bromoform	<29		110	29	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:40	1.0
Bromomethane	<110		290	110	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:40	1.0
n-Butylbenzene	<29		110	29	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:40	1.0
sec-Butylbenzene	<29		110	29	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:40	1.0
tert-Butylbenzene	<29		110	29	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:40	1.0
Carbon Tetrachloride	<29		110	29	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:40	1.0
Chlorobenzene	<29		110	29	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:40	1.0
Chlorodibromomethane	<29		110	29	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:40	1.0
Chloroethane	<57		110	57	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:40	1.0
Chloroform	<29		110	29	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:40	1.0
Chloromethane	<57		110	57	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:40	1.0
2-Chlorotoluene	<57		110	57	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:40	1.0
4-Chlorotoluene	<29		110	29	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:40	1.0

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-44 4-6'

Lab Sample ID: WUK0392-30

Date Collected: 11/10/11 13:15

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 87.5

Method: SW 8260B - VOCs by SW8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-chloropropane	<57		110	57	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:40	1.0
1,2-Dibromoethane (EDB)	<29		110	29	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:40	1.0
Dibromomethane	<29		110	29	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:40	1.0
1,2-Dichlorobenzene	<29		110	29	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:40	1.0
1,3-Dichlorobenzene	<29		110	29	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:40	1.0
1,4-Dichlorobenzene	<29		110	29	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:40	1.0
Dichlorodifluoromethane	<57		110	57	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:40	1.0
1,1-Dichloroethane	<29		110	29	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:40	1.0
1,2-Dichloroethane	<29		110	29	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:40	1.0
1,1-Dichloroethene	<29		110	29	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:40	1.0
cis-1,2-Dichloroethene	<29		110	29	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:40	1.0
trans-1,2-Dichloroethene	<29		110	29	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:40	1.0
1,2-Dichloropropane	<29		110	29	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:40	1.0
1,3-Dichloropropane	<29		110	29	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:40	1.0
2,2-Dichloropropane	<29		110	29	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:40	1.0
1,1-Dichloropropene	<29		110	29	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:40	1.0
cis-1,3-Dichloropropene	<29		110	29	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:40	1.0
trans-1,3-Dichloropropene	<29		110	29	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:40	1.0
Isopropyl Ether	<29		110	29	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:40	1.0
Ethylbenzene	<29		110	29	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:40	1.0
Hexachlorobutadiene	<29		110	29	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:40	1.0
Isopropylbenzene	<29		110	29	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:40	1.0
p-Isopropyltoluene	<29		110	29	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:40	1.0
Methylene Chloride	<57		110	57	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:40	1.0
Methyl tert-Butyl Ether	<29		110	29	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:40	1.0
Naphthalene	<57		110	57	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:40	1.0
n-Propylbenzene	<29		110	29	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:40	1.0
Styrene	<57		110	57	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:40	1.0
1,1,1,2-Tetrachloroethane	<29		110	29	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:40	1.0
1,1,2,2-Tetrachloroethane	<29		110	29	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:40	1.0
Tetrachloroethene	<29		110	29	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:40	1.0
Toluene	<29		110	29	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:40	1.0
1,2,3-Trichlorobenzene	<29		110	29	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:40	1.0
1,2,4-Trichlorobenzene	<29		110	29	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:40	1.0
1,1,1-Trichloroethane	<29		110	29	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:40	1.0
1,1,2-Trichloroethane	<29		110	29	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:40	1.0
Trichloroethene	<29		110	29	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:40	1.0
Trichlorofluoromethane	<29		110	29	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:40	1.0
1,2,3-Trichloropropane	<57		110	57	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:40	1.0
1,2,4-Trimethylbenzene	<29		110	29	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:40	1.0
1,3,5-Trimethylbenzene	<29		110	29	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:40	1.0
Vinyl chloride	<29		110	29	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:40	1.0
Xylenes, total	<86		340	86	ug/kg dry	☼	11/17/11 13:37	11/17/11 22:40	1.0

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane	98		80 - 120	11/17/11 13:37	11/17/11 22:40	1.0
Toluene-d8	99		80 - 120	11/17/11 13:37	11/17/11 22:40	1.0
4-Bromofluorobenzene	97		80 - 120	11/17/11 13:37	11/17/11 22:40	1.0

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-44 4-6'

Lab Sample ID: WUK0392-30

Date Collected: 11/10/11 13:15

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 87.5

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.041		0.18	0.041	mg/Kg	*	11/22/11 18:27	11/23/11 19:50	1
1,2-Dichlorobenzene	<0.039		0.18	0.039	mg/Kg	*	11/22/11 18:27	11/23/11 19:50	1
1,3-Dichlorobenzene	<0.038		0.18	0.038	mg/Kg	*	11/22/11 18:27	11/23/11 19:50	1
1,4-Dichlorobenzene	<0.038		0.18	0.038	mg/Kg	*	11/22/11 18:27	11/23/11 19:50	1
2,4,5-Trichlorophenol	<0.10		0.36	0.10	mg/Kg	*	11/22/11 18:27	11/23/11 19:50	1
2,4,6-Trichlorophenol	<0.045		0.36	0.045	mg/Kg	*	11/22/11 18:27	11/23/11 19:50	1
2,4-Dichlorophenol	<0.11		0.36	0.11	mg/Kg	*	11/22/11 18:27	11/23/11 19:50	1
2,4-Dimethylphenol	<0.11		0.36	0.11	mg/Kg	*	11/22/11 18:27	11/23/11 19:50	1
2,4-Dinitrophenol	<0.18		0.73	0.18	mg/Kg	*	11/22/11 18:27	11/23/11 19:50	1
2,4-Dinitrotoluene	<0.055		0.18	0.055	mg/Kg	*	11/22/11 18:27	11/23/11 19:50	1
2,6-Dinitrotoluene	<0.043		0.18	0.043	mg/Kg	*	11/22/11 18:27	11/23/11 19:50	1
2-Chloronaphthalene	<0.041		0.18	0.041	mg/Kg	*	11/22/11 18:27	11/23/11 19:50	1
2-Chlorophenol	<0.052		0.18	0.052	mg/Kg	*	11/22/11 18:27	11/23/11 19:50	1
2-Methylnaphthalene	<0.047		0.18	0.047	mg/Kg	*	11/22/11 18:27	11/23/11 19:50	1
2-Methylphenol	<0.048		0.18	0.048	mg/Kg	*	11/22/11 18:27	11/23/11 19:50	1
2-Nitroaniline	<0.065		0.18	0.065	mg/Kg	*	11/22/11 18:27	11/23/11 19:50	1
2-Nitrophenol	<0.057		0.36	0.057	mg/Kg	*	11/22/11 18:27	11/23/11 19:50	1
3 & 4 Methylphenol	<0.068		0.18	0.068	mg/Kg	*	11/22/11 18:27	11/23/11 19:50	1
3,3'-Dichlorobenzidine	<0.030		0.18	0.030	mg/Kg	*	11/22/11 18:27	11/23/11 19:50	1
3-Nitroaniline	<0.070		0.36	0.070	mg/Kg	*	11/22/11 18:27	11/23/11 19:50	1
4,6-Dinitro-2-methylphenol	<0.088		0.36	0.088	mg/Kg	*	11/22/11 18:27	11/23/11 19:50	1
4-Bromophenyl phenyl ether	<0.040		0.18	0.040	mg/Kg	*	11/22/11 18:27	11/23/11 19:50	1
4-Chloro-3-methylphenol	<0.17		0.36	0.17	mg/Kg	*	11/22/11 18:27	11/23/11 19:50	1
4-Chloroaniline	<0.11		0.73	0.11	mg/Kg	*	11/22/11 18:27	11/23/11 19:50	1
4-Chlorophenyl phenyl ether	<0.057		0.18	0.057	mg/Kg	*	11/22/11 18:27	11/23/11 19:50	1
4-Nitroaniline	<0.074		0.36	0.074	mg/Kg	*	11/22/11 18:27	11/23/11 19:50	1
4-Nitrophenol	<0.19		0.73	0.19	mg/Kg	*	11/22/11 18:27	11/23/11 19:50	1
Acenaphthene	<0.011		0.036	0.011	mg/Kg	*	11/22/11 18:27	11/23/11 19:50	1
Acenaphthylene	<0.0083		0.036	0.0083	mg/Kg	*	11/22/11 18:27	11/23/11 19:50	1
Anthracene	<0.0085		0.036	0.0085	mg/Kg	*	11/22/11 18:27	11/23/11 19:50	1
Benzo[a]anthracene	<0.0076		0.036	0.0076	mg/Kg	*	11/22/11 18:27	11/23/11 19:50	1
Benzo[a]pyrene	<0.0066		0.036	0.0066	mg/Kg	*	11/22/11 18:27	11/23/11 19:50	1
Benzo[b]fluoranthene	<0.0070		0.036	0.0070	mg/Kg	*	11/22/11 18:27	11/23/11 19:50	1
Benzo[g,h,i]perylene	<0.012		0.036	0.012	mg/Kg	*	11/22/11 18:27	11/23/11 19:50	1
Benzo[k]fluoranthene	<0.0086		0.036	0.0086	mg/Kg	*	11/22/11 18:27	11/23/11 19:50	1
bis (2-chloroisopropyl) ether	<0.040		0.18	0.040	mg/Kg	*	11/22/11 18:27	11/23/11 19:50	1
Bis(2-chloroethoxy)methane	<0.040		0.18	0.040	mg/Kg	*	11/22/11 18:27	11/23/11 19:50	1
Bis(2-chloroethyl)ether	<0.054		0.18	0.054	mg/Kg	*	11/22/11 18:27	11/23/11 19:50	1
Bis(2-ethylhexyl) phthalate	<0.048		0.18	0.048	mg/Kg	*	11/22/11 18:27	11/23/11 19:50	1
Butyl benzyl phthalate	<0.045		0.18	0.045	mg/Kg	*	11/22/11 18:27	11/23/11 19:50	1
Carbazole	<0.051		0.18	0.051	mg/Kg	*	11/22/11 18:27	11/23/11 19:50	1
Chrysene	<0.0082		0.036	0.0082	mg/Kg	*	11/22/11 18:27	11/23/11 19:50	1
Dibenz(a,h)anthracene	<0.010		0.036	0.010	mg/Kg	*	11/22/11 18:27	11/23/11 19:50	1
Dibenzofuran	<0.043		0.18	0.043	mg/Kg	*	11/22/11 18:27	11/23/11 19:50	1
Diethyl phthalate	<0.060		0.18	0.060	mg/Kg	*	11/22/11 18:27	11/23/11 19:50	1
Dimethyl phthalate	<0.045		0.18	0.045	mg/Kg	*	11/22/11 18:27	11/23/11 19:50	1
Di-n-butyl phthalate	<0.046		0.18	0.046	mg/Kg	*	11/22/11 18:27	11/23/11 19:50	1
Di-n-octyl phthalate	<0.073		0.18	0.073	mg/Kg	*	11/22/11 18:27	11/23/11 19:50	1
Fluoranthene	<0.015		0.036	0.015	mg/Kg	*	11/22/11 18:27	11/23/11 19:50	1
Fluorene	<0.0082		0.036	0.0082	mg/Kg	*	11/22/11 18:27	11/23/11 19:50	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-44 4-6'

Lab Sample ID: WUK0392-30

Date Collected: 11/10/11 13:15

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 87.5

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobenzene	<0.0071		0.073	0.0071	mg/Kg	☼	11/22/11 18:27	11/23/11 19:50	1
Hexachlorobutadiene	<0.047		0.18	0.047	mg/Kg	☼	11/22/11 18:27	11/23/11 19:50	1
Hexachlorocyclopentadiene	<0.17		0.73	0.17	mg/Kg	☼	11/22/11 18:27	11/23/11 19:50	1
Hexachloroethane	<0.038		0.18	0.038	mg/Kg	☼	11/22/11 18:27	11/23/11 19:50	1
Indeno[1,2,3-cd]pyrene	<0.012		0.036	0.012	mg/Kg	☼	11/22/11 18:27	11/23/11 19:50	1
Isophorone	<0.040		0.18	0.040	mg/Kg	☼	11/22/11 18:27	11/23/11 19:50	1
Naphthalene	<0.0070		0.036	0.0070	mg/Kg	☼	11/22/11 18:27	11/23/11 19:50	1
Nitrobenzene	<0.011		0.036	0.011	mg/Kg	☼	11/22/11 18:27	11/23/11 19:50	1
N-Nitrosodimethylamine	<0.39		0.73	0.39	mg/Kg	☼	11/22/11 18:27	11/23/11 19:50	1
N-Nitrosodi-n-propylamine	<0.046		0.18	0.046	mg/Kg	☼	11/22/11 18:27	11/23/11 19:50	1
Pentachlorophenol	<0.18		0.73	0.18	mg/Kg	☼	11/22/11 18:27	11/23/11 19:50	1
Phenanthrene	<0.015		0.036	0.015	mg/Kg	☼	11/22/11 18:27	11/23/11 19:50	1
Phenol	<0.057		0.18	0.057	mg/Kg	☼	11/22/11 18:27	11/23/11 19:50	1
Pyrene	<0.013		0.036	0.013	mg/Kg	☼	11/22/11 18:27	11/23/11 19:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	92		30 - 137				11/22/11 18:27	11/23/11 19:50	1
2-Fluorobiphenyl	81		27 - 113				11/22/11 18:27	11/23/11 19:50	1
2-Fluorophenol	74		30 - 110				11/22/11 18:27	11/23/11 19:50	1
Nitrobenzene-d5	90		22 - 110				11/22/11 18:27	11/23/11 19:50	1
Phenol-d5	79		26 - 112				11/22/11 18:27	11/23/11 19:50	1
Terphenyl-d14	90		33 - 129				11/22/11 18:27	11/23/11 19:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0068		0.019	0.0068	mg/Kg	☼	11/21/11 21:32	11/22/11 16:52	1
PCB-1221	<0.015		0.019	0.015	mg/Kg	☼	11/21/11 21:32	11/22/11 16:52	1
PCB-1232	<0.0073		0.019	0.0073	mg/Kg	☼	11/21/11 21:32	11/22/11 16:52	1
PCB-1242	<0.0090		0.019	0.0090	mg/Kg	☼	11/21/11 21:32	11/22/11 16:52	1
PCB-1248	<0.0069		0.019	0.0069	mg/Kg	☼	11/21/11 21:32	11/22/11 16:52	1
PCB-1254	<0.0054		0.019	0.0054	mg/Kg	☼	11/21/11 21:32	11/22/11 16:52	1
PCB-1260	<0.0044		0.019	0.0044	mg/Kg	☼	11/21/11 21:32	11/22/11 16:52	1
Polychlorinated biphenyls, Total	<0.0029		0.019	0.0029	mg/Kg	☼	11/21/11 21:32	11/22/11 16:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	60		28 - 124				11/21/11 21:32	11/22/11 16:52	1
DCB Decachlorobiphenyl	113		38 - 130				11/21/11 21:32	11/22/11 16:52	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.1		1.0	0.14	mg/Kg	☼	11/20/11 15:48	11/21/11 20:38	1
Barium	49		1.0	0.058	mg/Kg	☼	11/20/11 15:48	11/21/11 20:38	1
Cadmium	0.35		0.21	0.028	mg/Kg	☼	11/20/11 15:48	11/21/11 20:38	1
Chromium	15		1.0	0.088	mg/Kg	☼	11/20/11 15:48	11/21/11 20:38	1
Lead	5.9		0.52	0.25	mg/Kg	☼	11/20/11 15:48	11/21/11 20:38	1
Selenium	<0.29		1.0	0.29	mg/Kg	☼	11/20/11 15:48	11/21/11 20:38	1
Silver	<0.065		0.52	0.065	mg/Kg	☼	11/20/11 15:48	11/21/11 20:38	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.013	J	0.018	0.0054	mg/Kg	☼	11/23/11 08:15	11/23/11 13:14	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-44 8-10'

Lab Sample ID: WUK0392-31

Date Collected: 11/10/11 13:20

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 83.7

Method: SW 8260B - VOCs by SW8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<30		120	30	ug/kg dry	*	11/21/11 15:21	11/21/11 19:27	1.0
Bromobenzene	<30		120	30	ug/kg dry	*	11/21/11 15:21	11/21/11 19:27	1.0
Bromochloromethane	<30		120	30	ug/kg dry	*	11/21/11 15:21	11/21/11 19:27	1.0
Bromodichloromethane	<30		120	30	ug/kg dry	*	11/21/11 15:21	11/21/11 19:27	1.0
Bromoform	<30		120	30	ug/kg dry	*	11/21/11 15:21	11/21/11 19:27	1.0
Bromomethane	<120		300	120	ug/kg dry	*	11/21/11 15:21	11/21/11 19:27	1.0
n-Butylbenzene	<30		120	30	ug/kg dry	*	11/21/11 15:21	11/21/11 19:27	1.0
sec-Butylbenzene	<30		120	30	ug/kg dry	*	11/21/11 15:21	11/21/11 19:27	1.0
tert-Butylbenzene	<30		120	30	ug/kg dry	*	11/21/11 15:21	11/21/11 19:27	1.0
Carbon Tetrachloride	<30		120	30	ug/kg dry	*	11/21/11 15:21	11/21/11 19:27	1.0
Chlorobenzene	<30		120	30	ug/kg dry	*	11/21/11 15:21	11/21/11 19:27	1.0
Chlorodibromomethane	<30		120	30	ug/kg dry	*	11/21/11 15:21	11/21/11 19:27	1.0
Chloroethane	<60		120	60	ug/kg dry	*	11/21/11 15:21	11/21/11 19:27	1.0
Chloroform	<30		120	30	ug/kg dry	*	11/21/11 15:21	11/21/11 19:27	1.0
Chloromethane	<60		120	60	ug/kg dry	*	11/21/11 15:21	11/21/11 19:27	1.0
2-Chlorotoluene	<60		120	60	ug/kg dry	*	11/21/11 15:21	11/21/11 19:27	1.0
4-Chlorotoluene	<30		120	30	ug/kg dry	*	11/21/11 15:21	11/21/11 19:27	1.0
1,2-Dibromo-3-chloropropane	<60		120	60	ug/kg dry	*	11/21/11 15:21	11/21/11 19:27	1.0
1,2-Dibromoethane (EDB)	<30		120	30	ug/kg dry	*	11/21/11 15:21	11/21/11 19:27	1.0
Dibromomethane	<30		120	30	ug/kg dry	*	11/21/11 15:21	11/21/11 19:27	1.0
1,2-Dichlorobenzene	<30		120	30	ug/kg dry	*	11/21/11 15:21	11/21/11 19:27	1.0
1,3-Dichlorobenzene	<30		120	30	ug/kg dry	*	11/21/11 15:21	11/21/11 19:27	1.0
1,4-Dichlorobenzene	<30		120	30	ug/kg dry	*	11/21/11 15:21	11/21/11 19:27	1.0
Dichlorodifluoromethane	<60		120	60	ug/kg dry	*	11/21/11 15:21	11/21/11 19:27	1.0
1,1-Dichloroethane	<30		120	30	ug/kg dry	*	11/21/11 15:21	11/21/11 19:27	1.0
1,2-Dichloroethane	<30		120	30	ug/kg dry	*	11/21/11 15:21	11/21/11 19:27	1.0
1,1-Dichloroethene	<30		120	30	ug/kg dry	*	11/21/11 15:21	11/21/11 19:27	1.0
cis-1,2-Dichloroethene	<30		120	30	ug/kg dry	*	11/21/11 15:21	11/21/11 19:27	1.0
trans-1,2-Dichloroethene	<30		120	30	ug/kg dry	*	11/21/11 15:21	11/21/11 19:27	1.0
1,2-Dichloropropane	<30		120	30	ug/kg dry	*	11/21/11 15:21	11/21/11 19:27	1.0
1,3-Dichloropropane	<30		120	30	ug/kg dry	*	11/21/11 15:21	11/21/11 19:27	1.0
2,2-Dichloropropane	<30		120	30	ug/kg dry	*	11/21/11 15:21	11/21/11 19:27	1.0
1,1-Dichloropropene	<30		120	30	ug/kg dry	*	11/21/11 15:21	11/21/11 19:27	1.0
cis-1,3-Dichloropropene	<30		120	30	ug/kg dry	*	11/21/11 15:21	11/21/11 19:27	1.0
trans-1,3-Dichloropropene	<30		120	30	ug/kg dry	*	11/21/11 15:21	11/21/11 19:27	1.0
Isopropyl Ether	<30		120	30	ug/kg dry	*	11/21/11 15:21	11/21/11 19:27	1.0
Ethylbenzene	<30		120	30	ug/kg dry	*	11/21/11 15:21	11/21/11 19:27	1.0
Hexachlorobutadiene	<30		120	30	ug/kg dry	*	11/21/11 15:21	11/21/11 19:27	1.0
Isopropylbenzene	<30		120	30	ug/kg dry	*	11/21/11 15:21	11/21/11 19:27	1.0
p-Isopropyltoluene	<30		120	30	ug/kg dry	*	11/21/11 15:21	11/21/11 19:27	1.0
Methylene Chloride	<60		120	60	ug/kg dry	*	11/21/11 15:21	11/21/11 19:27	1.0
Methyl tert-Butyl Ether	<30		120	30	ug/kg dry	*	11/21/11 15:21	11/21/11 19:27	1.0
Naphthalene	<60		120	60	ug/kg dry	*	11/21/11 15:21	11/21/11 19:27	1.0
n-Propylbenzene	<30		120	30	ug/kg dry	*	11/21/11 15:21	11/21/11 19:27	1.0
Styrene	<60		120	60	ug/kg dry	*	11/21/11 15:21	11/21/11 19:27	1.0
1,1,1,2-Tetrachloroethane	<30		120	30	ug/kg dry	*	11/21/11 15:21	11/21/11 19:27	1.0
1,1,2,2-Tetrachloroethane	<30		120	30	ug/kg dry	*	11/21/11 15:21	11/21/11 19:27	1.0
Tetrachloroethene	<30		120	30	ug/kg dry	*	11/21/11 15:21	11/21/11 19:27	1.0
Toluene	<30		120	30	ug/kg dry	*	11/21/11 15:21	11/21/11 19:27	1.0
1,2,3-Trichlorobenzene	<30		120	30	ug/kg dry	*	11/21/11 15:21	11/21/11 19:27	1.0

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-44 8-10'

Lab Sample ID: WUK0392-31

Date Collected: 11/10/11 13:20

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 83.7

Method: SW 8260B - VOCs by SW8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<30		120	30	ug/kg dry	☼	11/21/11 15:21	11/21/11 19:27	1.0
1,1,1-Trichloroethane	<30		120	30	ug/kg dry	☼	11/21/11 15:21	11/21/11 19:27	1.0
1,1,2-Trichloroethane	<30		120	30	ug/kg dry	☼	11/21/11 15:21	11/21/11 19:27	1.0
Trichloroethene	<30		120	30	ug/kg dry	☼	11/21/11 15:21	11/21/11 19:27	1.0
Trichlorofluoromethane	<30		120	30	ug/kg dry	☼	11/21/11 15:21	11/21/11 19:27	1.0
1,2,3-Trichloropropane	<60		120	60	ug/kg dry	☼	11/21/11 15:21	11/21/11 19:27	1.0
1,2,4-Trimethylbenzene	<30		120	30	ug/kg dry	☼	11/21/11 15:21	11/21/11 19:27	1.0
1,3,5-Trimethylbenzene	<30		120	30	ug/kg dry	☼	11/21/11 15:21	11/21/11 19:27	1.0
Vinyl chloride	<30		120	30	ug/kg dry	☼	11/21/11 15:21	11/21/11 19:27	1.0
Xylenes, total	<90		360	90	ug/kg dry	☼	11/21/11 15:21	11/21/11 19:27	1.0
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Dibromofluoromethane	100		80 - 120				11/21/11 15:21	11/21/11 19:27	1.0
Toluene-d8	99		80 - 120				11/21/11 15:21	11/21/11 19:27	1.0
4-Bromofluorobenzene	98		80 - 120				11/21/11 15:21	11/21/11 19:27	1.0

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.043		0.19	0.043	mg/Kg	☼	11/22/11 18:27	11/23/11 20:11	1
1,2-Dichlorobenzene	<0.041		0.19	0.041	mg/Kg	☼	11/22/11 18:27	11/23/11 20:11	1
1,3-Dichlorobenzene	<0.040		0.19	0.040	mg/Kg	☼	11/22/11 18:27	11/23/11 20:11	1
1,4-Dichlorobenzene	<0.040		0.19	0.040	mg/Kg	☼	11/22/11 18:27	11/23/11 20:11	1
2,4,5-Trichlorophenol	<0.11		0.38	0.11	mg/Kg	☼	11/22/11 18:27	11/23/11 20:11	1
2,4,6-Trichlorophenol	<0.047		0.38	0.047	mg/Kg	☼	11/22/11 18:27	11/23/11 20:11	1
2,4-Dichlorophenol	<0.12		0.38	0.12	mg/Kg	☼	11/22/11 18:27	11/23/11 20:11	1
2,4-Dimethylphenol	<0.12		0.38	0.12	mg/Kg	☼	11/22/11 18:27	11/23/11 20:11	1
2,4-Dinitrophenol	<0.19		0.76	0.19	mg/Kg	☼	11/22/11 18:27	11/23/11 20:11	1
2,4-Dinitrotoluene	<0.058		0.19	0.058	mg/Kg	☼	11/22/11 18:27	11/23/11 20:11	1
2,6-Dinitrotoluene	<0.045		0.19	0.045	mg/Kg	☼	11/22/11 18:27	11/23/11 20:11	1
2-Chloronaphthalene	<0.043		0.19	0.043	mg/Kg	☼	11/22/11 18:27	11/23/11 20:11	1
2-Chlorophenol	<0.054		0.19	0.054	mg/Kg	☼	11/22/11 18:27	11/23/11 20:11	1
2-Methylnaphthalene	<0.049		0.19	0.049	mg/Kg	☼	11/22/11 18:27	11/23/11 20:11	1
2-Methylphenol	<0.050		0.19	0.050	mg/Kg	☼	11/22/11 18:27	11/23/11 20:11	1
2-Nitroaniline	<0.068		0.19	0.068	mg/Kg	☼	11/22/11 18:27	11/23/11 20:11	1
2-Nitrophenol	<0.059		0.38	0.059	mg/Kg	☼	11/22/11 18:27	11/23/11 20:11	1
3 & 4 Methylphenol	<0.072		0.19	0.072	mg/Kg	☼	11/22/11 18:27	11/23/11 20:11	1
3,3'-Dichlorobenzidine	<0.032		0.19	0.032	mg/Kg	☼	11/22/11 18:27	11/23/11 20:11	1
3-Nitroaniline	<0.073		0.38	0.073	mg/Kg	☼	11/22/11 18:27	11/23/11 20:11	1
4,6-Dinitro-2-methylphenol	<0.092		0.38	0.092	mg/Kg	☼	11/22/11 18:27	11/23/11 20:11	1
4-Bromophenyl phenyl ether	<0.042		0.19	0.042	mg/Kg	☼	11/22/11 18:27	11/23/11 20:11	1
4-Chloro-3-methylphenol	<0.18		0.38	0.18	mg/Kg	☼	11/22/11 18:27	11/23/11 20:11	1
4-Chloroaniline	<0.12		0.76	0.12	mg/Kg	☼	11/22/11 18:27	11/23/11 20:11	1
4-Chlorophenyl phenyl ether	<0.060		0.19	0.060	mg/Kg	☼	11/22/11 18:27	11/23/11 20:11	1
4-Nitroaniline	<0.078		0.38	0.078	mg/Kg	☼	11/22/11 18:27	11/23/11 20:11	1
4-Nitrophenol	<0.20		0.76	0.20	mg/Kg	☼	11/22/11 18:27	11/23/11 20:11	1
Acenaphthene	<0.011		0.038	0.011	mg/Kg	☼	11/22/11 18:27	11/23/11 20:11	1
Acenaphthylene	<0.0087		0.038	0.0087	mg/Kg	☼	11/22/11 18:27	11/23/11 20:11	1
Anthracene	<0.0089		0.038	0.0089	mg/Kg	☼	11/22/11 18:27	11/23/11 20:11	1
Benzo[a]anthracene	<0.0079		0.038	0.0079	mg/Kg	☼	11/22/11 18:27	11/23/11 20:11	1
Benzo[a]pyrene	<0.0069		0.038	0.0069	mg/Kg	☼	11/22/11 18:27	11/23/11 20:11	1
Benzo[b]fluoranthene	<0.0073		0.038	0.0073	mg/Kg	☼	11/22/11 18:27	11/23/11 20:11	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-44 8-10'

Lab Sample ID: WUK0392-31

Date Collected: 11/10/11 13:20

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 83.7

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[g,h,i]perylene	<0.013		0.038	0.013	mg/Kg	☼	11/22/11 18:27	11/23/11 20:11	1
Benzo[k]fluoranthene	<0.0090		0.038	0.0090	mg/Kg	☼	11/22/11 18:27	11/23/11 20:11	1
bis(2-chloroisopropyl) ether	<0.042		0.19	0.042	mg/Kg	☼	11/22/11 18:27	11/23/11 20:11	1
Bis(2-chloroethoxy)methane	<0.042		0.19	0.042	mg/Kg	☼	11/22/11 18:27	11/23/11 20:11	1
Bis(2-chloroethyl)ether	<0.056		0.19	0.056	mg/Kg	☼	11/22/11 18:27	11/23/11 20:11	1
Bis(2-ethylhexyl) phthalate	<0.050		0.19	0.050	mg/Kg	☼	11/22/11 18:27	11/23/11 20:11	1
Butyl benzyl phthalate	<0.047		0.19	0.047	mg/Kg	☼	11/22/11 18:27	11/23/11 20:11	1
Carbazole	<0.053		0.19	0.053	mg/Kg	☼	11/22/11 18:27	11/23/11 20:11	1
Chrysene	<0.0085		0.038	0.0085	mg/Kg	☼	11/22/11 18:27	11/23/11 20:11	1
Dibenz(a,h)anthracene	<0.011		0.038	0.011	mg/Kg	☼	11/22/11 18:27	11/23/11 20:11	1
Dibenzofuran	<0.045		0.19	0.045	mg/Kg	☼	11/22/11 18:27	11/23/11 20:11	1
Diethyl phthalate	<0.063		0.19	0.063	mg/Kg	☼	11/22/11 18:27	11/23/11 20:11	1
Dimethyl phthalate	<0.047		0.19	0.047	mg/Kg	☼	11/22/11 18:27	11/23/11 20:11	1
Di-n-butyl phthalate	<0.048		0.19	0.048	mg/Kg	☼	11/22/11 18:27	11/23/11 20:11	1
Di-n-octyl phthalate	<0.077		0.19	0.077	mg/Kg	☼	11/22/11 18:27	11/23/11 20:11	1
Fluoranthene	<0.015		0.038	0.015	mg/Kg	☼	11/22/11 18:27	11/23/11 20:11	1
Fluorene	<0.0086		0.038	0.0086	mg/Kg	☼	11/22/11 18:27	11/23/11 20:11	1
Hexachlorobenzene	<0.0074		0.076	0.0074	mg/Kg	☼	11/22/11 18:27	11/23/11 20:11	1
Hexachlorobutadiene	<0.050		0.19	0.050	mg/Kg	☼	11/22/11 18:27	11/23/11 20:11	1
Hexachlorocyclopentadiene	<0.18		0.76	0.18	mg/Kg	☼	11/22/11 18:27	11/23/11 20:11	1
Hexachloroethane	<0.040		0.19	0.040	mg/Kg	☼	11/22/11 18:27	11/23/11 20:11	1
Indeno[1,2,3-cd]pyrene	<0.013		0.038	0.013	mg/Kg	☼	11/22/11 18:27	11/23/11 20:11	1
Isophorone	<0.042		0.19	0.042	mg/Kg	☼	11/22/11 18:27	11/23/11 20:11	1
Naphthalene	<0.0073		0.038	0.0073	mg/Kg	☼	11/22/11 18:27	11/23/11 20:11	1
Nitrobenzene	<0.012		0.038	0.012	mg/Kg	☼	11/22/11 18:27	11/23/11 20:11	1
N-Nitrosodimethylamine	<0.41		0.76	0.41	mg/Kg	☼	11/22/11 18:27	11/23/11 20:11	1
N-Nitrosodi-n-propylamine	<0.048		0.19	0.048	mg/Kg	☼	11/22/11 18:27	11/23/11 20:11	1
Pentachlorophenol	<0.19		0.76	0.19	mg/Kg	☼	11/22/11 18:27	11/23/11 20:11	1
Phenanthrene	<0.016		0.038	0.016	mg/Kg	☼	11/22/11 18:27	11/23/11 20:11	1
Phenol	<0.060		0.19	0.060	mg/Kg	☼	11/22/11 18:27	11/23/11 20:11	1
Pyrene	<0.014		0.038	0.014	mg/Kg	☼	11/22/11 18:27	11/23/11 20:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	89		30 - 137	11/22/11 18:27	11/23/11 20:11	1
2-Fluorobiphenyl	80		27 - 113	11/22/11 18:27	11/23/11 20:11	1
2-Fluorophenol	77		30 - 110	11/22/11 18:27	11/23/11 20:11	1
Nitrobenzene-d5	92		22 - 110	11/22/11 18:27	11/23/11 20:11	1
Phenol-d5	84		26 - 112	11/22/11 18:27	11/23/11 20:11	1
Terphenyl-d14	84		33 - 129	11/22/11 18:27	11/23/11 20:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0068		0.019	0.0068	mg/Kg	☼	11/21/11 21:32	11/22/11 17:06	1
PCB-1221	<0.015		0.019	0.015	mg/Kg	☼	11/21/11 21:32	11/22/11 17:06	1
PCB-1232	<0.0073		0.019	0.0073	mg/Kg	☼	11/21/11 21:32	11/22/11 17:06	1
PCB-1242	<0.0090		0.019	0.0090	mg/Kg	☼	11/21/11 21:32	11/22/11 17:06	1
PCB-1248	<0.0069		0.019	0.0069	mg/Kg	☼	11/21/11 21:32	11/22/11 17:06	1
PCB-1254	<0.0054		0.019	0.0054	mg/Kg	☼	11/21/11 21:32	11/22/11 17:06	1
PCB-1260	<0.0044		0.019	0.0044	mg/Kg	☼	11/21/11 21:32	11/22/11 17:06	1
Polychlorinated biphenyls, Total	<0.0029		0.019	0.0029	mg/Kg	☼	11/21/11 21:32	11/22/11 17:06	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-44 8-10'

Lab Sample ID: WUK0392-31

Date Collected: 11/10/11 13:20

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 83.7

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	73		28 - 124	11/21/11 21:32	11/22/11 17:06	1
DCB Decachlorobiphenyl	118		38 - 130	11/21/11 21:32	11/22/11 17:06	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.7		1.0	0.14	mg/Kg	☼	11/20/11 15:48	11/21/11 20:44	1
Barium	59		1.0	0.057	mg/Kg	☼	11/20/11 15:48	11/21/11 20:44	1
Cadmium	0.37		0.20	0.027	mg/Kg	☼	11/20/11 15:48	11/21/11 20:44	1
Chromium	17		1.0	0.086	mg/Kg	☼	11/20/11 15:48	11/21/11 20:44	1
Lead	6.5		0.51	0.24	mg/Kg	☼	11/20/11 15:48	11/21/11 20:44	1
Selenium	<0.28		1.0	0.28	mg/Kg	☼	11/20/11 15:48	11/21/11 20:44	1
Silver	<0.064		0.51	0.064	mg/Kg	☼	11/20/11 15:48	11/21/11 20:44	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.012	J	0.020	0.0060	mg/Kg	☼	11/23/11 08:15	11/23/11 13:16	1

Client Sample ID: TB-3

Lab Sample ID: WUK0392-32

Date Collected: 11/10/11 00:00

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Method: SW 8260B - VOCs by SW8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<25		100	25	ug/kg wet		11/21/11 15:21	11/21/11 19:54	1.0
Bromobenzene	<25		100	25	ug/kg wet		11/21/11 15:21	11/21/11 19:54	1.0
Bromochloromethane	<25		100	25	ug/kg wet		11/21/11 15:21	11/21/11 19:54	1.0
Bromodichloromethane	<25		100	25	ug/kg wet		11/21/11 15:21	11/21/11 19:54	1.0
Bromoform	<25		100	25	ug/kg wet		11/21/11 15:21	11/21/11 19:54	1.0
Bromomethane	<100		250	100	ug/kg wet		11/21/11 15:21	11/21/11 19:54	1.0
n-Butylbenzene	<25		100	25	ug/kg wet		11/21/11 15:21	11/21/11 19:54	1.0
sec-Butylbenzene	<25		100	25	ug/kg wet		11/21/11 15:21	11/21/11 19:54	1.0
tert-Butylbenzene	<25		100	25	ug/kg wet		11/21/11 15:21	11/21/11 19:54	1.0
Carbon Tetrachloride	<25		100	25	ug/kg wet		11/21/11 15:21	11/21/11 19:54	1.0
Chlorobenzene	<25		100	25	ug/kg wet		11/21/11 15:21	11/21/11 19:54	1.0
Chlorodibromomethane	<25		100	25	ug/kg wet		11/21/11 15:21	11/21/11 19:54	1.0
Chloroethane	<50		100	50	ug/kg wet		11/21/11 15:21	11/21/11 19:54	1.0
Chloroform	<25		100	25	ug/kg wet		11/21/11 15:21	11/21/11 19:54	1.0
Chloromethane	<50		100	50	ug/kg wet		11/21/11 15:21	11/21/11 19:54	1.0
2-Chlorotoluene	<50		100	50	ug/kg wet		11/21/11 15:21	11/21/11 19:54	1.0
4-Chlorotoluene	<25		100	25	ug/kg wet		11/21/11 15:21	11/21/11 19:54	1.0
1,2-Dibromo-3-chloropropane	<50		100	50	ug/kg wet		11/21/11 15:21	11/21/11 19:54	1.0
1,2-Dibromoethane (EDB)	<25		100	25	ug/kg wet		11/21/11 15:21	11/21/11 19:54	1.0
Dibromomethane	<25		100	25	ug/kg wet		11/21/11 15:21	11/21/11 19:54	1.0
1,2-Dichlorobenzene	<25		100	25	ug/kg wet		11/21/11 15:21	11/21/11 19:54	1.0
1,3-Dichlorobenzene	<25		100	25	ug/kg wet		11/21/11 15:21	11/21/11 19:54	1.0
1,4-Dichlorobenzene	<25		100	25	ug/kg wet		11/21/11 15:21	11/21/11 19:54	1.0
Dichlorodifluoromethane	<50		100	50	ug/kg wet		11/21/11 15:21	11/21/11 19:54	1.0
1,1-Dichloroethane	<25		100	25	ug/kg wet		11/21/11 15:21	11/21/11 19:54	1.0
1,2-Dichloroethane	<25		100	25	ug/kg wet		11/21/11 15:21	11/21/11 19:54	1.0
1,1-Dichloroethene	<25		100	25	ug/kg wet		11/21/11 15:21	11/21/11 19:54	1.0

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: TB-3

Lab Sample ID: WUK0392-32

Date Collected: 11/10/11 00:00

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Method: SW 8260B - VOCs by SW8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	<25		100	25	ug/kg wet		11/21/11 15:21	11/21/11 19:54	1.0
trans-1,2-Dichloroethene	<25		100	25	ug/kg wet		11/21/11 15:21	11/21/11 19:54	1.0
1,2-Dichloropropane	<25		100	25	ug/kg wet		11/21/11 15:21	11/21/11 19:54	1.0
1,3-Dichloropropane	<25		100	25	ug/kg wet		11/21/11 15:21	11/21/11 19:54	1.0
2,2-Dichloropropane	<25		100	25	ug/kg wet		11/21/11 15:21	11/21/11 19:54	1.0
1,1-Dichloropropene	<25		100	25	ug/kg wet		11/21/11 15:21	11/21/11 19:54	1.0
cis-1,3-Dichloropropene	<25		100	25	ug/kg wet		11/21/11 15:21	11/21/11 19:54	1.0
trans-1,3-Dichloropropene	<25		100	25	ug/kg wet		11/21/11 15:21	11/21/11 19:54	1.0
Isopropyl Ether	<25		100	25	ug/kg wet		11/21/11 15:21	11/21/11 19:54	1.0
Ethylbenzene	<25		100	25	ug/kg wet		11/21/11 15:21	11/21/11 19:54	1.0
Hexachlorobutadiene	<25		100	25	ug/kg wet		11/21/11 15:21	11/21/11 19:54	1.0
Isopropylbenzene	<25		100	25	ug/kg wet		11/21/11 15:21	11/21/11 19:54	1.0
p-Isopropyltoluene	<25		100	25	ug/kg wet		11/21/11 15:21	11/21/11 19:54	1.0
Methylene Chloride	<50		100	50	ug/kg wet		11/21/11 15:21	11/21/11 19:54	1.0
Methyl tert-Butyl Ether	<25		100	25	ug/kg wet		11/21/11 15:21	11/21/11 19:54	1.0
Naphthalene	<50		100	50	ug/kg wet		11/21/11 15:21	11/21/11 19:54	1.0
n-Propylbenzene	<25		100	25	ug/kg wet		11/21/11 15:21	11/21/11 19:54	1.0
Styrene	<50		100	50	ug/kg wet		11/21/11 15:21	11/21/11 19:54	1.0
1,1,1,2-Tetrachloroethane	<25		100	25	ug/kg wet		11/21/11 15:21	11/21/11 19:54	1.0
1,1,1,2-Tetrachloroethane	<25		100	25	ug/kg wet		11/21/11 15:21	11/21/11 19:54	1.0
Tetrachloroethene	<25		100	25	ug/kg wet		11/21/11 15:21	11/21/11 19:54	1.0
Toluene	<25		100	25	ug/kg wet		11/21/11 15:21	11/21/11 19:54	1.0
1,2,3-Trichlorobenzene	<25		100	25	ug/kg wet		11/21/11 15:21	11/21/11 19:54	1.0
1,2,4-Trichlorobenzene	<25		100	25	ug/kg wet		11/21/11 15:21	11/21/11 19:54	1.0
1,1,1-Trichloroethane	<25		100	25	ug/kg wet		11/21/11 15:21	11/21/11 19:54	1.0
1,1,2-Trichloroethane	<25		100	25	ug/kg wet		11/21/11 15:21	11/21/11 19:54	1.0
Trichloroethene	<25		100	25	ug/kg wet		11/21/11 15:21	11/21/11 19:54	1.0
Trichlorofluoromethane	<25		100	25	ug/kg wet		11/21/11 15:21	11/21/11 19:54	1.0
1,2,3-Trichloropropane	<50		100	50	ug/kg wet		11/21/11 15:21	11/21/11 19:54	1.0
1,2,4-Trimethylbenzene	<25		100	25	ug/kg wet		11/21/11 15:21	11/21/11 19:54	1.0
1,3,5-Trimethylbenzene	<25		100	25	ug/kg wet		11/21/11 15:21	11/21/11 19:54	1.0
Vinyl chloride	<25		100	25	ug/kg wet		11/21/11 15:21	11/21/11 19:54	1.0
Xylenes, total	<75		300	75	ug/kg wet		11/21/11 15:21	11/21/11 19:54	1.0

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane	102		80 - 120	11/21/11 15:21	11/21/11 19:54	1.0
Toluene-d8	99		80 - 120	11/21/11 15:21	11/21/11 19:54	1.0
4-Bromofluorobenzene	99		80 - 120	11/21/11 15:21	11/21/11 19:54	1.0

Surrogate Summary

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Method: SW 8260B - VOCs by SW8260B

Matrix: Solid/Soil

Prep Type: Total

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		DBFM (80-120)	TOL (80-120)	BFB (80-120)
11K0171-BLK1	Method Blank	104	98	99
11K0171-BS1	Lab Control Sample	106	99	100
11K0189-BLK1	Method Blank	98	100	99
11K0189-BS1	Lab Control Sample	99	99	100
11K0210-BLK1	Method Blank	97	99	98
11K0210-BS1	Lab Control Sample	99	99	98
11K0247-BLK1	Method Blank	101	99	100
11K0247-BS1	Lab Control Sample	101	100	98
WUK0392-01	B-36 0-2'	89	99	98
WUK0392-02	B-37 0-2'	90	97	99
WUK0392-03	B-19-11 0-2'	88	98	98
WUK0392-04	B-19-11 4-6'	87	98	98
WUK0392-05 - RE1	B-19-11 8-10'	95	99	98
WUK0392-06 - RE1	B-38 0-2'	96	100	98
WUK0392-07	B-15-11 0-2'	85	98	98
WUK0392-08 - RE1	B-15-11 4-6'	99	98	99
WUK0392-09 - RE1	B-15-11 8-10'	97	98	98
WUK0392-10	B-06-11 0-2'	100	100	99
WUK0392-11	B-16-11 0-2'	98	99	98
WUK0392-12	B-18-11 0-2'	99	99	99
WUK0392-13	B-20-11 0-2'	97	99	99
WUK0392-14	B-39 0-2'	98	99	98
WUK0392-15	B-17-11 0-2'	96	100	100
WUK0392-16	B-01-11 0-2'	97	100	99
WUK0392-17	B-02-11 0-2'	96	100	98
WUK0392-18	B-40 0-2'	99	98	97
WUK0392-19	B-03-11 0-2'	98	100	101
WUK0392-19 - RE1	B-03-11 0-2'	101	100	98
WUK0392-20	B-41 0-2'	99	100	99
WUK0392-21	B-41 4-6'	95	98	98
WUK0392-22	B-41 8-10'	96	99	100
WUK0392-23	B-42 0-2'	99	100	100
WUK0392-24	B-42 4-6'	99	99	99
WUK0392-25	B-42 8-10'	97	99	99
WUK0392-26	B-43 0-2'	97	99	100
WUK0392-27	B-43 4-6'	98	99	100
WUK0392-28	B-43 8-10'	101	98	99
WUK0392-29	B-44 0-2'	97	100	100
WUK0392-30	B-44 4-6'	98	99	97
WUK0392-31	B-44 8-10'	100	99	98
WUK0392-32	TB-3	102	99	99

Surrogate Legend

DBFM = Dibromofluoromethane
TOL = Toluene-d8
BFB = 4-Bromofluorobenzene

Surrogate Summary

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (30-137)	2FP (30-110)	FBP (27-113)	NBZ (22-110)	PHL (26-112)	TPH (33-129)
500-42116-1 MS	WUK0392-01	113	85	95	82	103	106
500-42116-1 MSD	WUK0392-01	113	82	98	83	104	122
500-42116-22 MS	WUK0392-22			86	83		89
500-42116-22 MSD	WUK0392-22			75	76		78
LCS 500-133384/2-A	Lab Control Sample	99	82	98	100	87	93
LCS 500-133654/2-A	Lab Control Sample	104	89	102	102	91	106
MB 500-133384/1-A	Method Blank	109	85	99	111 X	96	89
MB 500-133654/1-A	Method Blank	91	74	90	96	85	90

Surrogate Legend

TBP = 2,4,6-Tribromophenol
2FP = 2-Fluorophenol
FBP = 2-Fluorobiphenyl
NBZ = Nitrobenzene-d5
PHL = Phenol-d5
TPH = Terphenyl-d14

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid/Soil

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (30-137)	2FP (30-110)	FBP (27-113)	NBZ (22-110)	TPH (33-129)	PHL (26-112)
WUK0392-01	B-36 0-2'			88	90	100	
WUK0392-02	B-37 0-2'			95	88	99	
WUK0392-03	B-19-11 0-2'			96	78	98	
WUK0392-03 - DL	B-19-11 0-2'			97	88	91	
WUK0392-04	B-19-11 4-6'			68	66	73	
WUK0392-05	B-19-11 8-10'			0 D	0 D	0 D	
WUK0392-05 - DL	B-19-11 8-10'			0 D	0 D	0 D	
WUK0392-06	B-38 0-2'			130 X	74	148 X	
WUK0392-06 - DL	B-38 0-2'			0 D	0 D	0 D	
WUK0392-07	B-15-11 0-2'	99	74	94	94	80	92
WUK0392-08	B-15-11 4-6'	0 D	0 D	0 D	0 D	0 D	0 D
WUK0392-08 - DL	B-15-11 4-6'	0 D	0 D	0 D	0 D	0 D	0 D
WUK0392-09	B-15-11 8-10'	0 D	0 D	0 D	0 D	0 D	0 D
WUK0392-09 - DL	B-15-11 8-10'	0 D	0 D	0 D	0 D	0 D	0 D
WUK0392-10	B-06-11 0-2'			95	80	98	
WUK0392-11	B-16-11 0-2'			93	79	122	
WUK0392-11 - DL	B-16-11 0-2'			0 D	0 D	0 D	
WUK0392-12	B-18-11 0-2'			75	66	94	
WUK0392-12 - DL	B-18-11 0-2'			0 D	0 D	0 D	
WUK0392-13	B-20-11 0-2'			94	80	105	
WUK0392-13 - DL	B-20-11 0-2'			100	96	95	
WUK0392-14	B-39 0-2'			96	82	96	
WUK0392-15	B-17-11 0-2'			0 D	0 D	0 D	
WUK0392-15 - DL	B-17-11 0-2'			0 D	0 D	0 D	
WUK0392-16	B-01-11 0-2'			100	102	108	
WUK0392-17	B-02-11 0-2'	94	85	104	104	127	91
WUK0392-17 - DL	B-02-11 0-2'	0 D	0 D	0 D	0 D	0 D	0 D
WUK0392-18	B-40 0-2'			90	111 X	107	

Surrogate Summary

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Matrix: Solid/Soil

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (30-137)	2FP (30-110)	FBP (27-113)	NBZ (22-110)	TPH (33-129)	PHL (26-112)
WUK0392-18 - DL	B-40 0-2'			104	141 X	96	
WUK0392-19	B-03-11 0-2'			73	56	73	
WUK0392-20	B-41 0-2'			91	86	100	
WUK0392-21	B-41 4-6'			95	77	96	
WUK0392-22	B-41 8-10'			76	84	84	
WUK0392-23	B-42 0-2'			72	58	78	
WUK0392-24	B-42 4-6'			65	56	76	
WUK0392-25	B-42 8-10'			85	84	94	
WUK0392-26	B-43 0-2'			90	86	100	
WUK0392-26 - DL	B-43 0-2'			99	96	100	
WUK0392-27	B-43 4-6'			74	78	77	
WUK0392-28	B-43 8-10'			84	86	80	
WUK0392-29	B-44 0-2'	101	68	80	78	80	78
WUK0392-30	B-44 4-6'	92	74	81	90	90	79
WUK0392-31	B-44 8-10'	89	77	80	92	84	84

Surrogate Legend

TBP = 2,4,6-Tribromophenol
2FP = 2-Fluorophenol
FBP = 2-Fluorobiphenyl
NBZ = Nitrobenzene-d5
TPH = Terphenyl-d14
PHL = Phenol-d5

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		TCX1 (28-124)	DCB1 (38-130)
500-42116-31 MS	WUK0392-31	84	121
500-42116-31 MSD	WUK0392-31	82	112
LCS 500-133509/2-A	Lab Control Sample	98	116
LCS 500-133511/2-A	Lab Control Sample	87	104
MB 500-133509/1-A	Method Blank	94	113
MB 500-133511/1-A	Method Blank	81	99

Surrogate Legend

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

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

Matrix: Solid/Soil

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		TCX1 (28-124)	DCB1 (38-130)
WUK0392-01	B-36 0-2'	0 D	0 D
WUK0392-02	B-37 0-2'	80	99
WUK0392-03	B-19-11 0-2'	77	106
WUK0392-04	B-19-11 4-6'	82	100

Surrogate Summary

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

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

Matrix: Solid/Soil

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		TCX1 (28-124)	DCB1 (38-130)
WUK0392-05	B-19-11 8-10'	74	105
WUK0392-06	B-38 0-2'	90	109
WUK0392-07	B-15-11 0-2'	116	125
WUK0392-08	B-15-11 4-6'	66	91
WUK0392-09	B-15-11 8-10'	45	55
WUK0392-10	B-06-11 0-2'	0 D	0 D
WUK0392-11	B-16-11 0-2'	112	127
WUK0392-12	B-18-11 0-2'	81	106
WUK0392-13	B-20-11 0-2'	77	98
WUK0392-14	B-39 0-2'	79	101
WUK0392-15	B-17-11 0-2'	80	94
WUK0392-16	B-01-11 0-2'	85	98
WUK0392-17	B-02-11 0-2'	74	93
WUK0392-18	B-40 0-2'	62	99
WUK0392-19	B-03-11 0-2'	89	103
WUK0392-20	B-41 0-2'	72	101
WUK0392-21	B-41 4-6'	68	101
WUK0392-22	B-41 8-10'	73	99
WUK0392-23	B-42 0-2'	72	92
WUK0392-24	B-42 4-6'	68	120
WUK0392-25	B-42 8-10'	68	102
WUK0392-26	B-43 0-2'	80	101
WUK0392-27	B-43 4-6'	54	84
WUK0392-28	B-43 8-10'	71	101
WUK0392-29	B-44 0-2'	67	114
WUK0392-30	B-44 4-6'	60	113
WUK0392-31	B-44 8-10'	73	118

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCB = DCB Decachlorobiphenyl

QC Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Method: SW 8260B - VOCs by SW8260B

Lab Sample ID: 11K0171-BLK1

Matrix: Solid/Soil

Analysis Batch: U001387

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 11K0171_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<25		100	25	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
Bromobenzene	<25		100	25	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
Bromochloromethane	<25		100	25	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
Bromodichloromethane	<25		100	25	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
Bromoform	<25		100	25	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
Bromomethane	<100		250	100	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
n-Butylbenzene	<25		100	25	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
sec-Butylbenzene	<25		100	25	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
tert-Butylbenzene	<25		100	25	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
Carbon Tetrachloride	<25		100	25	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
Chlorobenzene	<25		100	25	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
Chlorodibromomethane	<25		100	25	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
Chloroethane	<50		100	50	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
Chloroform	<25		100	25	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
Chloromethane	<50		100	50	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
2-Chlorotoluene	<50		100	50	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
4-Chlorotoluene	<25		100	25	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
1,2-Dibromo-3-chloropropane	<50		100	50	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
1,2-Dibromoethane (EDB)	<25		100	25	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
Dibromomethane	<25		100	25	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
1,2-Dichlorobenzene	<25		100	25	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
1,3-Dichlorobenzene	<25		100	25	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
1,4-Dichlorobenzene	<25		100	25	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
Dichlorodifluoromethane	<50		100	50	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
1,1-Dichloroethane	<25		100	25	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
1,2-Dichloroethane	<25		100	25	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
1,1-Dichloroethene	<25		100	25	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
cis-1,2-Dichloroethene	<25		100	25	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
trans-1,2-Dichloroethene	<25		100	25	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
1,2-Dichloropropane	<25		100	25	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
1,3-Dichloropropane	<25		100	25	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
2,2-Dichloropropane	<25		100	25	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
1,1-Dichloropropene	<25		100	25	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
cis-1,3-Dichloropropene	<25		100	25	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
trans-1,3-Dichloropropene	<25		100	25	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
Isopropyl Ether	<25		100	25	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
Ethylbenzene	<25		100	25	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
Hexachlorobutadiene	<25		100	25	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
Isopropylbenzene	<25		100	25	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
p-Isopropyltoluene	<25		100	25	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
Methylene Chloride	<50		100	50	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
Methyl tert-Butyl Ether	<25		100	25	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
Naphthalene	<50		100	50	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
n-Propylbenzene	<25		100	25	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
Styrene	<50		100	50	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
1,1,1,2-Tetrachloroethane	<25		100	25	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
1,1,2,2-Tetrachloroethane	<25		100	25	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
Tetrachloroethene	<25		100	25	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
Toluene	<25		100	25	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00

QC Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Method: SW 8260B - VOCs by SW8260B (Continued)

Lab Sample ID: 11K0171-BLK1
Matrix: Solid/Soil
Analysis Batch: U001387

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 11K0171_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<25		100	25	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
1,2,4-Trichlorobenzene	<25		100	25	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
1,1,1-Trichloroethane	<25		100	25	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
1,1,2-Trichloroethane	<25		100	25	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
Trichloroethene	<25		100	25	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
Trichlorofluoromethane	<25		100	25	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
1,2,3-Trichloropropane	<50		100	50	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
1,2,4-Trimethylbenzene	<25		100	25	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
1,3,5-Trimethylbenzene	<25		100	25	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
Vinyl chloride	<25		100	25	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00
Xylenes, total	<75		300	75	ug/kg wet		11/15/11 09:03	11/15/11 12:29	1.00

Surrogate	Blank %Recovery	Blank Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane	104		80 - 120	11/15/11 09:03	11/15/11 12:29	1.00
Toluene-d8	98		80 - 120	11/15/11 09:03	11/15/11 12:29	1.00
4-Bromofluorobenzene	99		80 - 120	11/15/11 09:03	11/15/11 12:29	1.00

Lab Sample ID: 11K0171-BS1
Matrix: Solid/Soil
Analysis Batch: U001387

Client Sample ID: Lab Control Sample
Prep Type: Total
Prep Batch: 11K0171_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Benzene	2500.0	2520		ug/kg		101	80 - 120
Bromobenzene	2500.0	2450		ug/kg		98	80 - 120
Bromochloromethane	2500.0	2620		ug/kg		105	80 - 120
Bromodichloromethane	2500.0	2430		ug/kg		97	80 - 120
Bromoform	2500.0	2490		ug/kg		99	80 - 120
Bromomethane	2500.0	2250		ug/kg		90	60 - 140
n-Butylbenzene	2500.0	2310		ug/kg		93	80 - 120
sec-Butylbenzene	2500.0	2330		ug/kg		93	80 - 120
tert-Butylbenzene	2500.0	2340		ug/kg		94	80 - 120
Carbon Tetrachloride	2500.0	2540		ug/kg		102	60 - 140
Chlorobenzene	2500.0	2420		ug/kg		97	80 - 120
Chlorodibromomethane	2500.0	2530		ug/kg		101	80 - 120
Chloroethane	2500.0	2380		ug/kg		95	60 - 140
Chloroform	2500.0	2480		ug/kg		99	80 - 120
Chloromethane	2500.0	2430		ug/kg		97	60 - 140
2-Chlorotoluene	2500.0	2460		ug/kg		99	80 - 120
4-Chlorotoluene	2500.0	2380		ug/kg		95	80 - 120
1,2-Dibromo-3-chloropropane	2500.0	2250		ug/kg		90	60 - 140
1,2-Dibromoethane (EDB)	2500.0	2420		ug/kg		97	80 - 120
Dibromomethane	2500.0	2570		ug/kg		103	80 - 120
1,2-Dichlorobenzene	2500.0	2330		ug/kg		93	80 - 120
1,3-Dichlorobenzene	2500.0	2390		ug/kg		96	80 - 120
1,4-Dichlorobenzene	2500.0	2340		ug/kg		94	80 - 120
Dichlorodifluoromethane	2500.0	2270		ug/kg		91	60 - 140
1,1-Dichloroethane	2500.0	2420		ug/kg		97	80 - 120
1,2-Dichloroethane	2500.0	2430		ug/kg		97	80 - 120
1,1-Dichloroethene	2500.0	2390		ug/kg		96	80 - 120

QC Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Method: SW 8260B - VOCs by SW8260B (Continued)

Lab Sample ID: 11K0171-BS1

Matrix: Solid/Soil

Analysis Batch: U001387

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 11K0171_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
cis-1,2-Dichloroethene	2500.0	2530		ug/kg		101	80 - 120
trans-1,2-Dichloroethene	2500.0	2530		ug/kg		101	80 - 120
1,2-Dichloropropane	2500.0	2390		ug/kg		96	80 - 120
1,3-Dichloropropane	2500.0	2380		ug/kg		95	80 - 120
2,2-Dichloropropane	2500.0	2500		ug/kg		100	60 - 140
1,1-Dichloropropene	2500.0	2420		ug/kg		97	80 - 120
cis-1,3-Dichloropropene	2500.0	2430		ug/kg		97	80 - 120
trans-1,3-Dichloropropene	2500.0	2410		ug/kg		96	80 - 120
Isopropyl Ether	2500.0	2330		ug/kg		93	80 - 120
Ethylbenzene	2500.0	2390		ug/kg		96	80 - 120
Hexachlorobutadiene	2500.0	2290		ug/kg		91	60 - 140
Isopropylbenzene	2500.0	2410		ug/kg		96	80 - 120
p-Isopropyltoluene	2500.0	2420		ug/kg		97	80 - 120
Methylene Chloride	2500.0	2610		ug/kg		104	80 - 120
Methyl tert-Butyl Ether	2500.0	2440		ug/kg		98	80 - 120
Naphthalene	2500.0	2200		ug/kg		88	60 - 140
n-Propylbenzene	2500.0	2450		ug/kg		98	80 - 120
Styrene	2500.0	2420		ug/kg		97	80 - 120
1,1,1,2-Tetrachloroethane	2500.0	2430		ug/kg		97	80 - 120
1,1,1,2,2-Tetrachloroethane	2500.0	2170		ug/kg		87	80 - 120
Tetrachloroethene	2500.0	2420		ug/kg		97	80 - 120
Toluene	2500.0	2270		ug/kg		91	80 - 120
1,2,3-Trichlorobenzene	2500.0	2270		ug/kg		91	80 - 120
1,2,4-Trichlorobenzene	2500.0	2280		ug/kg		91	80 - 120
1,1,1-Trichloroethane	2500.0	2500		ug/kg		100	80 - 120
1,1,2-Trichloroethane	2500.0	2440		ug/kg		98	80 - 120
Trichloroethene	2500.0	2470		ug/kg		99	80 - 120
Trichlorofluoromethane	2500.0	2470		ug/kg		99	80 - 120
1,2,3-Trichloropropane	2500.0	2270		ug/kg		91	80 - 120
1,2,4-Trimethylbenzene	2500.0	2410		ug/kg		96	80 - 120
1,3,5-Trimethylbenzene	2500.0	2390		ug/kg		95	80 - 120
Vinyl chloride	2500.0	2460		ug/kg		98	80 - 120
Xylenes, total	7500.0	7170		ug/kg		96	80 - 120

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
Dibromofluoromethane	106		80 - 120
Toluene-d8	99		80 - 120
4-Bromofluorobenzene	100		80 - 120

Lab Sample ID: 11K0189-BLK1

Matrix: Solid/Soil

Analysis Batch: U001392

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 11K0189_P

Analyte	Blank Blank		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<25		100	25	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
Bromobenzene	<25		100	25	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
Bromochloromethane	<25		100	25	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
Bromodichloromethane	<25		100	25	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
Bromoform	<25		100	25	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00

QC Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Method: SW 8260B - VOCs by SW8260B (Continued)

Lab Sample ID: 11K0189-BLK1

Matrix: Solid/Soil

Analysis Batch: U001392

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 11K0189_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	<100		250	100	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
n-Butylbenzene	<25		100	25	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
sec-Butylbenzene	<25		100	25	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
tert-Butylbenzene	<25		100	25	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
Carbon Tetrachloride	<25		100	25	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
Chlorobenzene	<25		100	25	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
Chlorodibromomethane	<25		100	25	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
Chloroethane	<50		100	50	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
Chloroform	<25		100	25	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
Chloromethane	<50		100	50	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
2-Chlorotoluene	<50		100	50	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
4-Chlorotoluene	<25		100	25	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
1,2-Dibromo-3-chloropropane	<50		100	50	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
1,2-Dibromoethane (EDB)	<25		100	25	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
Dibromomethane	<25		100	25	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
1,2-Dichlorobenzene	<25		100	25	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
1,3-Dichlorobenzene	<25		100	25	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
1,4-Dichlorobenzene	<25		100	25	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
Dichlorodifluoromethane	<50		100	50	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
1,1-Dichloroethane	<25		100	25	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
1,2-Dichloroethane	<25		100	25	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
1,1-Dichloroethene	<25		100	25	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
cis-1,2-Dichloroethene	<25		100	25	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
trans-1,2-Dichloroethene	<25		100	25	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
1,2-Dichloropropane	<25		100	25	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
1,3-Dichloropropane	<25		100	25	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
2,2-Dichloropropane	<25		100	25	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
1,1-Dichloropropene	<25		100	25	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
cis-1,3-Dichloropropene	<25		100	25	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
trans-1,3-Dichloropropene	<25		100	25	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
Isopropyl Ether	<25		100	25	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
Ethylbenzene	<25		100	25	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
Hexachlorobutadiene	<25		100	25	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
Isopropylbenzene	<25		100	25	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
p-Isopropyltoluene	<25		100	25	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
Methylene Chloride	<50		100	50	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
Methyl tert-Butyl Ether	<25		100	25	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
Naphthalene	<50		100	50	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
n-Propylbenzene	<25		100	25	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
Styrene	<50		100	50	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
1,1,1,2-Tetrachloroethane	<25		100	25	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
1,1,2,2-Tetrachloroethane	<25		100	25	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
Tetrachloroethene	<25		100	25	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
Toluene	<25		100	25	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
1,2,3-Trichlorobenzene	<25		100	25	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
1,2,4-Trichlorobenzene	<25		100	25	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
1,1,1-Trichloroethane	<25		100	25	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
1,1,2-Trichloroethane	<25		100	25	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
Trichloroethene	<25		100	25	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
Trichlorofluoromethane	<25		100	25	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00

QC Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Method: SW 8260B - VOCs by SW8260B (Continued)

Lab Sample ID: 11K0189-BLK1

Matrix: Solid/Soil

Analysis Batch: U001392

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 11K0189_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	<50		100	50	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
1,2,4-Trimethylbenzene	<25		100	25	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
1,3,5-Trimethylbenzene	<25		100	25	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
Vinyl chloride	<25		100	25	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00
Xylenes, total	<75		300	75	ug/kg wet		11/16/11 10:38	11/16/11 12:51	1.00

Surrogate	Blank %Recovery	Blank Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane	98		80 - 120	11/16/11 10:38	11/16/11 12:51	1.00
Toluene-d8	100		80 - 120	11/16/11 10:38	11/16/11 12:51	1.00
4-Bromofluorobenzene	99		80 - 120	11/16/11 10:38	11/16/11 12:51	1.00

Lab Sample ID: 11K0189-BS1

Matrix: Solid/Soil

Analysis Batch: U001392

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 11K0189_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	2500.0	2400		ug/kg		96	80 - 120
Bromobenzene	2500.0	2270		ug/kg		91	80 - 120
Bromochloromethane	2500.0	2370		ug/kg		95	80 - 120
Bromodichloromethane	2500.0	2230		ug/kg		89	80 - 120
Bromoform	2500.0	2290		ug/kg		92	80 - 120
Bromomethane	2500.0	2030		ug/kg		81	60 - 140
n-Butylbenzene	2500.0	2520		ug/kg		101	80 - 120
sec-Butylbenzene	2500.0	2530		ug/kg		101	80 - 120
tert-Butylbenzene	2500.0	2480		ug/kg		99	80 - 120
Carbon Tetrachloride	2500.0	2390		ug/kg		95	60 - 140
Chlorobenzene	2500.0	2410		ug/kg		96	80 - 120
Chlorodibromomethane	2500.0	2270		ug/kg		91	80 - 120
Chloroethane	2500.0	1890		ug/kg		76	60 - 140
Chloroform	2500.0	2360		ug/kg		94	80 - 120
Chloromethane	2500.0	2270		ug/kg		91	60 - 140
2-Chlorotoluene	2500.0	2420		ug/kg		97	80 - 120
4-Chlorotoluene	2500.0	2400		ug/kg		96	80 - 120
1,2-Dibromo-3-chloropropane	2500.0	2170		ug/kg		87	60 - 140
1,2-Dibromoethane (EDB)	2500.0	2250		ug/kg		90	80 - 120
Dibromomethane	2500.0	2330		ug/kg		93	80 - 120
1,2-Dichlorobenzene	2500.0	2380		ug/kg		95	80 - 120
1,3-Dichlorobenzene	2500.0	2420		ug/kg		97	80 - 120
1,4-Dichlorobenzene	2500.0	2390		ug/kg		96	80 - 120
Dichlorodifluoromethane	2500.0	2230		ug/kg		89	60 - 140
1,1-Dichloroethane	2500.0	2380		ug/kg		95	80 - 120
1,2-Dichloroethane	2500.0	2140		ug/kg		86	80 - 120
1,1-Dichloroethene	2500.0	2530		ug/kg		101	80 - 120
cis-1,2-Dichloroethene	2500.0	2430		ug/kg		97	80 - 120
trans-1,2-Dichloroethene	2500.0	2430		ug/kg		97	80 - 120
1,2-Dichloropropane	2500.0	2290		ug/kg		91	80 - 120
1,3-Dichloropropane	2500.0	2250		ug/kg		90	80 - 120
2,2-Dichloropropane	2500.0	2380		ug/kg		95	60 - 140
1,1-Dichloropropene	2500.0	2500		ug/kg		100	80 - 120

QC Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Method: SW 8260B - VOCs by SW8260B (Continued)

Lab Sample ID: 11K0189-BS1
Matrix: Solid/Soil
Analysis Batch: U001392

Client Sample ID: Lab Control Sample
Prep Type: Total
Prep Batch: 11K0189_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.	Limits
cis-1,3-Dichloropropene	2500.0	2270		ug/kg		91	80 - 120	
trans-1,3-Dichloropropene	2500.0	2220		ug/kg		89	80 - 120	
Isopropyl Ether	2500.0	2220		ug/kg		89	80 - 120	
Ethylbenzene	2500.0	2420		ug/kg		97	80 - 120	
Hexachlorobutadiene	2500.0	2500		ug/kg		100	60 - 140	
Isopropylbenzene	2500.0	2500		ug/kg		100	80 - 120	
p-Isopropyltoluene	2500.0	2550		ug/kg		102	80 - 120	
Methylene Chloride	2500.0	2310		ug/kg		93	80 - 120	
Methyl tert-Butyl Ether	2500.0	2170		ug/kg		87	80 - 120	
Naphthalene	2500.0	2330		ug/kg		93	60 - 140	
n-Propylbenzene	2500.0	2470		ug/kg		99	80 - 120	
Styrene	2500.0	2380		ug/kg		95	80 - 120	
1,1,1,2-Tetrachloroethane	2500.0	2300		ug/kg		92	80 - 120	
1,1,1,2,2-Tetrachloroethane	2500.0	2210		ug/kg		89	80 - 120	
Tetrachloroethene	2500.0	2490		ug/kg		100	80 - 120	
Toluene	2500.0	2430		ug/kg		97	80 - 120	
1,2,3-Trichlorobenzene	2500.0	2330		ug/kg		93	80 - 120	
1,2,4-Trichlorobenzene	2500.0	2440		ug/kg		98	80 - 120	
1,1,1-Trichloroethane	2500.0	2370		ug/kg		95	80 - 120	
1,1,2-Trichloroethane	2500.0	2250		ug/kg		90	80 - 120	
Trichloroethene	2500.0	2520		ug/kg		101	80 - 120	
Trichlorofluoromethane	2500.0	2380		ug/kg		95	80 - 120	
1,2,3-Trichloropropane	2500.0	2150		ug/kg		86	80 - 120	
1,2,4-Trimethylbenzene	2500.0	2420		ug/kg		97	80 - 120	
1,3,5-Trimethylbenzene	2500.0	2450		ug/kg		98	80 - 120	
Vinyl chloride	2500.0	2440		ug/kg		98	80 - 120	
Xylenes, total	7500.0	7360		ug/kg		98	80 - 120	

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
Dibromofluoromethane	99		80 - 120
Toluene-d8	99		80 - 120
4-Bromofluorobenzene	100		80 - 120

Lab Sample ID: 11K0210-BLK1
Matrix: Solid/Soil
Analysis Batch: U001399

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 11K0210_P

Analyte	Blank Blank		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
Bromobenzene	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
Bromochloromethane	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
Bromodichloromethane	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
Bromoform	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
Bromomethane	<100		250	100	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
n-Butylbenzene	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
sec-Butylbenzene	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
tert-Butylbenzene	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
Carbon Tetrachloride	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
Chlorobenzene	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00

QC Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Method: SW 8260B - VOCs by SW8260B (Continued)

Lab Sample ID: 11K0210-BLK1

Matrix: Solid/Soil

Analysis Batch: U001399

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 11K0210_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorodibromomethane	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
Chloroethane	<50		100	50	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
Chloroform	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
Chloromethane	<50		100	50	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
2-Chlorotoluene	<50		100	50	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
4-Chlorotoluene	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
1,2-Dibromo-3-chloropropane	<50		100	50	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
1,2-Dibromoethane (EDB)	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
Dibromomethane	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
1,2-Dichlorobenzene	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
1,3-Dichlorobenzene	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
1,4-Dichlorobenzene	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
Dichlorodifluoromethane	<50		100	50	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
1,1-Dichloroethane	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
1,2-Dichloroethane	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
1,1-Dichloroethene	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
cis-1,2-Dichloroethene	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
trans-1,2-Dichloroethene	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
1,2-Dichloropropane	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
1,3-Dichloropropane	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
2,2-Dichloropropane	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
1,1-Dichloropropene	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
cis-1,3-Dichloropropene	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
trans-1,3-Dichloropropene	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
Isopropyl Ether	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
Ethylbenzene	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
Hexachlorobutadiene	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
Isopropylbenzene	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
p-Isopropyltoluene	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
Methylene Chloride	<50		100	50	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
Methyl tert-Butyl Ether	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
Naphthalene	<50		100	50	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
n-Propylbenzene	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
Styrene	<50		100	50	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
1,1,1,2-Tetrachloroethane	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
1,1,2,2-Tetrachloroethane	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
Tetrachloroethene	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
Toluene	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
1,2,3-Trichlorobenzene	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
1,2,4-Trichlorobenzene	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
1,1,1-Trichloroethane	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
1,1,2-Trichloroethane	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
Trichloroethene	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
Trichlorofluoromethane	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
1,2,3-Trichloropropane	<50		100	50	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
1,2,4-Trimethylbenzene	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
1,3,5-Trimethylbenzene	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
Vinyl chloride	<25		100	25	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00
Xylenes, total	<75		300	75	ug/kg wet		11/17/11 11:31	11/17/11 14:30	1.00

QC Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Method: SW 8260B - VOCs by SW8260B (Continued)

Lab Sample ID: 11K0210-BLK1
Matrix: Solid/Soil
Analysis Batch: U001399

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 11K0210_P

Surrogate	Blank		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
Dibromofluoromethane	97		80 - 120	11/17/11 11:31	11/17/11 14:30	1.00
Toluene-d8	99		80 - 120	11/17/11 11:31	11/17/11 14:30	1.00
4-Bromofluorobenzene	98		80 - 120	11/17/11 11:31	11/17/11 14:30	1.00

Lab Sample ID: 11K0210-BS1
Matrix: Solid/Soil
Analysis Batch: U001399

Client Sample ID: Lab Control Sample
Prep Type: Total
Prep Batch: 11K0210_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Benzene	2500.0	2330		ug/kg		93	80 - 120
Bromobenzene	2500.0	2240		ug/kg		90	80 - 120
Bromochloromethane	2500.0	2320		ug/kg		93	80 - 120
Bromodichloromethane	2500.0	2180		ug/kg		87	80 - 120
Bromoform	2500.0	2190		ug/kg		88	80 - 120
Bromomethane	2500.0	2010		ug/kg		80	60 - 140
n-Butylbenzene	2500.0	2450		ug/kg		98	80 - 120
sec-Butylbenzene	2500.0	2460		ug/kg		98	80 - 120
tert-Butylbenzene	2500.0	2450		ug/kg		98	80 - 120
Carbon Tetrachloride	2500.0	2320		ug/kg		93	60 - 140
Chlorobenzene	2500.0	2350		ug/kg		94	80 - 120
Chlorodibromomethane	2500.0	2200		ug/kg		88	80 - 120
Chloroethane	2500.0	1920		ug/kg		77	60 - 140
Chloroform	2500.0	2290		ug/kg		92	80 - 120
Chloromethane	2500.0	2250		ug/kg		90	60 - 140
2-Chlorotoluene	2500.0	2370		ug/kg		95	80 - 120
4-Chlorotoluene	2500.0	2390		ug/kg		96	80 - 120
1,2-Dibromo-3-chloropropane	2500.0	2130		ug/kg		85	60 - 140
1,2-Dibromoethane (EDB)	2500.0	2190		ug/kg		88	80 - 120
Dibromomethane	2500.0	2250		ug/kg		90	80 - 120
1,2-Dichlorobenzene	2500.0	2350		ug/kg		94	80 - 120
1,3-Dichlorobenzene	2500.0	2370		ug/kg		95	80 - 120
1,4-Dichlorobenzene	2500.0	2350		ug/kg		94	80 - 120
Dichlorodifluoromethane	2500.0	2190		ug/kg		87	60 - 140
1,1-Dichloroethane	2500.0	2340		ug/kg		94	80 - 120
1,2-Dichloroethane	2500.0	2120		ug/kg		85	80 - 120
1,1-Dichloroethene	2500.0	2490		ug/kg		99	80 - 120
cis-1,2-Dichloroethene	2500.0	2360		ug/kg		95	80 - 120
trans-1,2-Dichloroethene	2500.0	2410		ug/kg		97	80 - 120
1,2-Dichloropropane	2500.0	2250		ug/kg		90	80 - 120
1,3-Dichloropropane	2500.0	2190		ug/kg		88	80 - 120
2,2-Dichloropropane	2500.0	2360		ug/kg		94	60 - 140
1,1-Dichloropropene	2500.0	2450		ug/kg		98	80 - 120
cis-1,3-Dichloropropene	2500.0	2190		ug/kg		88	80 - 120
trans-1,3-Dichloropropene	2500.0	2160		ug/kg		86	80 - 120
Isopropyl Ether	2500.0	2170		ug/kg		87	80 - 120
Ethylbenzene	2500.0	2360		ug/kg		94	80 - 120
Hexachlorobutadiene	2500.0	2400		ug/kg		96	60 - 140
Isopropylbenzene	2500.0	2420		ug/kg		97	80 - 120
p-Isopropyltoluene	2500.0	2490		ug/kg		99	80 - 120

QC Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Method: SW 8260B - VOCs by SW8260B (Continued)

Lab Sample ID: 11K0210-BS1
Matrix: Solid/Soil
Analysis Batch: U001399

Client Sample ID: Lab Control Sample
Prep Type: Total
Prep Batch: 11K0210_P

Analyte	Spike Added	LCS		Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
Methylene Chloride	2500.0	2230		ug/kg		89	80 - 120
Methyl tert-Butyl Ether	2500.0	2130		ug/kg		85	80 - 120
Naphthalene	2500.0	2320		ug/kg		93	60 - 140
n-Propylbenzene	2500.0	2450		ug/kg		98	80 - 120
Styrene	2500.0	2330		ug/kg		93	80 - 120
1,1,1,2-Tetrachloroethane	2500.0	2240		ug/kg		90	80 - 120
1,1,2,2-Tetrachloroethane	2500.0	2220		ug/kg		89	80 - 120
Tetrachloroethene	2500.0	2450		ug/kg		98	80 - 120
Toluene	2500.0	2340		ug/kg		94	80 - 120
1,2,3-Trichlorobenzene	2500.0	2280		ug/kg		91	80 - 120
1,2,4-Trichlorobenzene	2500.0	2380		ug/kg		95	80 - 120
1,1,1-Trichloroethane	2500.0	2330		ug/kg		93	80 - 120
1,1,2-Trichloroethane	2500.0	2230		ug/kg		89	80 - 120
Trichloroethene	2500.0	2450		ug/kg		98	80 - 120
Trichlorofluoromethane	2500.0	2320		ug/kg		93	80 - 120
1,2,3-Trichloropropane	2500.0	2110		ug/kg		84	80 - 120
1,2,4-Trimethylbenzene	2500.0	2380		ug/kg		95	80 - 120
1,3,5-Trimethylbenzene	2500.0	2390		ug/kg		96	80 - 120
Vinyl chloride	2500.0	2420		ug/kg		97	80 - 120
Xylenes, total	7500.0	7190		ug/kg		96	80 - 120

Surrogate	LCS		Limits
	%Recovery	Qualifier	
Dibromofluoromethane	99		80 - 120
Toluene-d8	99		80 - 120
4-Bromofluorobenzene	98		80 - 120

Lab Sample ID: 11K0247-BLK1
Matrix: Solid/Soil
Analysis Batch: U001408

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 11K0247_P

Analyte	Blank		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<25		100	25	ug/kg wet		11/21/11 08:58	11/21/11 13:58	1.00
Bromobenzene	<25		100	25	ug/kg wet		11/21/11 08:58	11/21/11 13:58	1.00
Bromochloromethane	<25		100	25	ug/kg wet		11/21/11 08:58	11/21/11 13:58	1.00
Bromodichloromethane	<25		100	25	ug/kg wet		11/21/11 08:58	11/21/11 13:58	1.00
Bromoform	<25		100	25	ug/kg wet		11/21/11 08:58	11/21/11 13:58	1.00
Bromomethane	<100		250	100	ug/kg wet		11/21/11 08:58	11/21/11 13:58	1.00
n-Butylbenzene	<25		100	25	ug/kg wet		11/21/11 08:58	11/21/11 13:58	1.00
sec-Butylbenzene	<25		100	25	ug/kg wet		11/21/11 08:58	11/21/11 13:58	1.00
tert-Butylbenzene	<25		100	25	ug/kg wet		11/21/11 08:58	11/21/11 13:58	1.00
Carbon Tetrachloride	<25		100	25	ug/kg wet		11/21/11 08:58	11/21/11 13:58	1.00
Chlorobenzene	<25		100	25	ug/kg wet		11/21/11 08:58	11/21/11 13:58	1.00
Chlorodibromomethane	<25		100	25	ug/kg wet		11/21/11 08:58	11/21/11 13:58	1.00
Chloroethane	<50		100	50	ug/kg wet		11/21/11 08:58	11/21/11 13:58	1.00
Chloroform	<25		100	25	ug/kg wet		11/21/11 08:58	11/21/11 13:58	1.00
Chloromethane	<50		100	50	ug/kg wet		11/21/11 08:58	11/21/11 13:58	1.00
2-Chlorotoluene	<50		100	50	ug/kg wet		11/21/11 08:58	11/21/11 13:58	1.00
4-Chlorotoluene	<25		100	25	ug/kg wet		11/21/11 08:58	11/21/11 13:58	1.00
1,2-Dibromo-3-chloropropane	<50		100	50	ug/kg wet		11/21/11 08:58	11/21/11 13:58	1.00

QC Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Method: SW 8260B - VOCs by SW8260B (Continued)

Lab Sample ID: 11K0247-BLK1

Matrix: Solid/Soil

Analysis Batch: U001408

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 11K0247_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	<25		100	25	ug/kg wet		11/21/11 08:58	11/21/11 13:58	1.00
Dibromomethane	<25		100	25	ug/kg wet		11/21/11 08:58	11/21/11 13:58	1.00
1,2-Dichlorobenzene	<25		100	25	ug/kg wet		11/21/11 08:58	11/21/11 13:58	1.00
1,3-Dichlorobenzene	<25		100	25	ug/kg wet		11/21/11 08:58	11/21/11 13:58	1.00
1,4-Dichlorobenzene	<25		100	25	ug/kg wet		11/21/11 08:58	11/21/11 13:58	1.00
Dichlorodifluoromethane	<50		100	50	ug/kg wet		11/21/11 08:58	11/21/11 13:58	1.00
1,1-Dichloroethane	<25		100	25	ug/kg wet		11/21/11 08:58	11/21/11 13:58	1.00
1,2-Dichloroethane	<25		100	25	ug/kg wet		11/21/11 08:58	11/21/11 13:58	1.00
1,1-Dichloroethene	<25		100	25	ug/kg wet		11/21/11 08:58	11/21/11 13:58	1.00
cis-1,2-Dichloroethene	<25		100	25	ug/kg wet		11/21/11 08:58	11/21/11 13:58	1.00
trans-1,2-Dichloroethene	<25		100	25	ug/kg wet		11/21/11 08:58	11/21/11 13:58	1.00
1,2-Dichloropropane	<25		100	25	ug/kg wet		11/21/11 08:58	11/21/11 13:58	1.00
1,3-Dichloropropane	<25		100	25	ug/kg wet		11/21/11 08:58	11/21/11 13:58	1.00
2,2-Dichloropropane	<25		100	25	ug/kg wet		11/21/11 08:58	11/21/11 13:58	1.00
1,1-Dichloropropene	<25		100	25	ug/kg wet		11/21/11 08:58	11/21/11 13:58	1.00
cis-1,3-Dichloropropene	<25		100	25	ug/kg wet		11/21/11 08:58	11/21/11 13:58	1.00
trans-1,3-Dichloropropene	<25		100	25	ug/kg wet		11/21/11 08:58	11/21/11 13:58	1.00
Isopropyl Ether	<25		100	25	ug/kg wet		11/21/11 08:58	11/21/11 13:58	1.00
Ethylbenzene	<25		100	25	ug/kg wet		11/21/11 08:58	11/21/11 13:58	1.00
Hexachlorobutadiene	<25		100	25	ug/kg wet		11/21/11 08:58	11/21/11 13:58	1.00
Isopropylbenzene	<25		100	25	ug/kg wet		11/21/11 08:58	11/21/11 13:58	1.00
p-Isopropyltoluene	<25		100	25	ug/kg wet		11/21/11 08:58	11/21/11 13:58	1.00
Methylene Chloride	<50		100	50	ug/kg wet		11/21/11 08:58	11/21/11 13:58	1.00
Methyl tert-Butyl Ether	<25		100	25	ug/kg wet		11/21/11 08:58	11/21/11 13:58	1.00
Naphthalene	<50		100	50	ug/kg wet		11/21/11 08:58	11/21/11 13:58	1.00
n-Propylbenzene	<25		100	25	ug/kg wet		11/21/11 08:58	11/21/11 13:58	1.00
Styrene	<50		100	50	ug/kg wet		11/21/11 08:58	11/21/11 13:58	1.00
1,1,1,2-Tetrachloroethane	<25		100	25	ug/kg wet		11/21/11 08:58	11/21/11 13:58	1.00
1,1,2,2-Tetrachloroethane	<25		100	25	ug/kg wet		11/21/11 08:58	11/21/11 13:58	1.00
Tetrachloroethene	<25		100	25	ug/kg wet		11/21/11 08:58	11/21/11 13:58	1.00
Toluene	<25		100	25	ug/kg wet		11/21/11 08:58	11/21/11 13:58	1.00
1,2,3-Trichlorobenzene	<25		100	25	ug/kg wet		11/21/11 08:58	11/21/11 13:58	1.00
1,2,4-Trichlorobenzene	<25		100	25	ug/kg wet		11/21/11 08:58	11/21/11 13:58	1.00
1,1,1-Trichloroethane	<25		100	25	ug/kg wet		11/21/11 08:58	11/21/11 13:58	1.00
1,1,2-Trichloroethane	<25		100	25	ug/kg wet		11/21/11 08:58	11/21/11 13:58	1.00
Trichloroethene	<25		100	25	ug/kg wet		11/21/11 08:58	11/21/11 13:58	1.00
Trichlorofluoromethane	<25		100	25	ug/kg wet		11/21/11 08:58	11/21/11 13:58	1.00
1,2,3-Trichloropropane	<50		100	50	ug/kg wet		11/21/11 08:58	11/21/11 13:58	1.00
1,2,4-Trimethylbenzene	<25		100	25	ug/kg wet		11/21/11 08:58	11/21/11 13:58	1.00
1,3,5-Trimethylbenzene	<25		100	25	ug/kg wet		11/21/11 08:58	11/21/11 13:58	1.00
Vinyl chloride	<25		100	25	ug/kg wet		11/21/11 08:58	11/21/11 13:58	1.00
Xylenes, total	<75		300	75	ug/kg wet		11/21/11 08:58	11/21/11 13:58	1.00

Surrogate	Blank %Recovery	Blank Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane	101		80 - 120	11/21/11 08:58	11/21/11 13:58	1.00
Toluene-d8	99		80 - 120	11/21/11 08:58	11/21/11 13:58	1.00
4-Bromofluorobenzene	100		80 - 120	11/21/11 08:58	11/21/11 13:58	1.00

QC Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Method: SW 8260B - VOCs by SW8260B (Continued)

Lab Sample ID: 11K0247-BS1

Matrix: Solid/Soil

Analysis Batch: U001408

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 11K0247_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Benzene	2500.0	2390		ug/kg		96	80 - 120
Bromobenzene	2500.0	2310		ug/kg		92	80 - 120
Bromochloromethane	2500.0	2520		ug/kg		101	80 - 120
Bromodichloromethane	2500.0	2310		ug/kg		92	80 - 120
Bromoform	2500.0	2320		ug/kg		93	80 - 120
Bromomethane	2500.0	1990		ug/kg		79	60 - 140
n-Butylbenzene	2500.0	2460		ug/kg		99	80 - 120
sec-Butylbenzene	2500.0	2480		ug/kg		99	80 - 120
tert-Butylbenzene	2500.0	2440		ug/kg		98	80 - 120
Carbon Tetrachloride	2500.0	2390		ug/kg		96	60 - 140
Chlorobenzene	2500.0	2380		ug/kg		95	80 - 120
Chlorodibromomethane	2500.0	2320		ug/kg		93	80 - 120
Chloroethane	2500.0	1860		ug/kg		74	60 - 140
Chloroform	2500.0	2440		ug/kg		98	80 - 120
Chloromethane	2500.0	2130		ug/kg		85	60 - 140
2-Chlorotoluene	2500.0	2370		ug/kg		95	80 - 120
4-Chlorotoluene	2500.0	2380		ug/kg		95	80 - 120
1,2-Dibromo-3-chloropropane	2500.0	2190		ug/kg		88	60 - 140
1,2-Dibromoethane (EDB)	2500.0	2380		ug/kg		95	80 - 120
Dibromomethane	2500.0	2360		ug/kg		94	80 - 120
1,2-Dichlorobenzene	2500.0	2370		ug/kg		95	80 - 120
1,3-Dichlorobenzene	2500.0	2390		ug/kg		96	80 - 120
1,4-Dichlorobenzene	2500.0	2370		ug/kg		95	80 - 120
Dichlorodifluoromethane	2500.0	2000		ug/kg		80	60 - 140
1,1-Dichloroethane	2500.0	2470		ug/kg		99	80 - 120
1,2-Dichloroethane	2500.0	2310		ug/kg		92	80 - 120
1,1-Dichloroethene	2500.0	2580		ug/kg		103	80 - 120
cis-1,2-Dichloroethene	2500.0	2530		ug/kg		101	80 - 120
trans-1,2-Dichloroethene	2500.0	2500		ug/kg		100	80 - 120
1,2-Dichloropropane	2500.0	2400		ug/kg		96	80 - 120
1,3-Dichloropropane	2500.0	2380		ug/kg		95	80 - 120
2,2-Dichloropropane	2500.0	2450		ug/kg		98	60 - 140
1,1-Dichloropropene	2500.0	2580		ug/kg		103	80 - 120
cis-1,3-Dichloropropene	2500.0	2360		ug/kg		94	80 - 120
trans-1,3-Dichloropropene	2500.0	2340		ug/kg		94	80 - 120
Isopropyl Ether	2500.0	2430		ug/kg		97	80 - 120
Ethylbenzene	2500.0	2400		ug/kg		96	80 - 120
Hexachlorobutadiene	2500.0	2490		ug/kg		100	60 - 140
Isopropylbenzene	2500.0	2440		ug/kg		98	80 - 120
p-Isopropyltoluene	2500.0	2480		ug/kg		99	80 - 120
Methylene Chloride	2500.0	2410		ug/kg		97	80 - 120
Methyl tert-Butyl Ether	2500.0	2300		ug/kg		92	80 - 120
Naphthalene	2500.0	2400		ug/kg		96	60 - 140
n-Propylbenzene	2500.0	2440		ug/kg		97	80 - 120
Styrene	2500.0	2370		ug/kg		95	80 - 120
1,1,1,2-Tetrachloroethane	2500.0	2380		ug/kg		95	80 - 120
1,1,2,2-Tetrachloroethane	2500.0	2410		ug/kg		96	80 - 120
Tetrachloroethene	2500.0	2490		ug/kg		100	80 - 120
Toluene	2500.0	2410		ug/kg		96	80 - 120

QC Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Method: SW 8260B - VOCs by SW8260B (Continued)

Lab Sample ID: 11K0247-BS1
Matrix: Solid/Soil
Analysis Batch: U001408

Client Sample ID: Lab Control Sample
Prep Type: Total
Prep Batch: 11K0247_P

Analyte	Spike Added	LCS		Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
1,2,3-Trichlorobenzene	2500.0	2330		ug/kg		93	80 - 120
1,2,4-Trichlorobenzene	2500.0	2400		ug/kg		96	80 - 120
1,1,1-Trichloroethane	2500.0	2400		ug/kg		96	80 - 120
1,1,2-Trichloroethane	2500.0	2370		ug/kg		95	80 - 120
Trichloroethene	2500.0	2490		ug/kg		100	80 - 120
Trichlorofluoromethane	2500.0	2310		ug/kg		92	80 - 120
1,2,3-Trichloropropane	2500.0	2220		ug/kg		89	80 - 120
1,2,4-Trimethylbenzene	2500.0	2400		ug/kg		96	80 - 120
1,3,5-Trimethylbenzene	2500.0	2430		ug/kg		97	80 - 120
Vinyl chloride	2500.0	2360		ug/kg		94	80 - 120
Xylenes, total	7500.0	7300		ug/kg		97	80 - 120

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
Dibromofluoromethane	101		80 - 120
Toluene-d8	100		80 - 120
4-Bromofluorobenzene	98		80 - 120

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 500-133384/1-A
Matrix: Solid
Analysis Batch: 133580

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 133384

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,2,4-Trichlorobenzene	<0.038		0.17	0.038	mg/Kg		11/20/11 21:23	11/22/11 14:00	1
1,2-Dichlorobenzene	<0.036		0.17	0.036	mg/Kg		11/20/11 21:23	11/22/11 14:00	1
1,3-Dichlorobenzene	<0.035		0.17	0.035	mg/Kg		11/20/11 21:23	11/22/11 14:00	1
1,4-Dichlorobenzene	<0.035		0.17	0.035	mg/Kg		11/20/11 21:23	11/22/11 14:00	1
2,4,5-Trichlorophenol	<0.095		0.33	0.095	mg/Kg		11/20/11 21:23	11/22/11 14:00	1
2,4,6-Trichlorophenol	<0.042		0.33	0.042	mg/Kg		11/20/11 21:23	11/22/11 14:00	1
2,4-Dichlorophenol	<0.10		0.33	0.10	mg/Kg		11/20/11 21:23	11/22/11 14:00	1
2,4-Dimethylphenol	<0.10		0.33	0.10	mg/Kg		11/20/11 21:23	11/22/11 14:00	1
2,4-Dinitrophenol	<0.17		0.67	0.17	mg/Kg		11/20/11 21:23	11/22/11 14:00	1
2,4-Dinitrotoluene	<0.051		0.17	0.051	mg/Kg		11/20/11 21:23	11/22/11 14:00	1
2,6-Dinitrotoluene	<0.040		0.17	0.040	mg/Kg		11/20/11 21:23	11/22/11 14:00	1
2-Chloronaphthalene	<0.037		0.17	0.037	mg/Kg		11/20/11 21:23	11/22/11 14:00	1
2-Chlorophenol	<0.048		0.17	0.048	mg/Kg		11/20/11 21:23	11/22/11 14:00	1
2-Methylphenol	<0.044		0.17	0.044	mg/Kg		11/20/11 21:23	11/22/11 14:00	1
2-Nitroaniline	<0.060		0.17	0.060	mg/Kg		11/20/11 21:23	11/22/11 14:00	1
2-Methylnaphthalene	<0.043		0.17	0.043	mg/Kg		11/20/11 21:23	11/22/11 14:00	1
2-Nitrophenol	<0.052		0.33	0.052	mg/Kg		11/20/11 21:23	11/22/11 14:00	1
1-Methylnaphthalene	<0.017		0.033	0.017	mg/Kg		11/20/11 21:23	11/22/11 14:00	1
3 & 4 Methylphenol	<0.063		0.17	0.063	mg/Kg		11/20/11 21:23	11/22/11 14:00	1
3,3'-Dichlorobenzidine	<0.028		0.17	0.028	mg/Kg		11/20/11 21:23	11/22/11 14:00	1
3-Nitroaniline	<0.064		0.33	0.064	mg/Kg		11/20/11 21:23	11/22/11 14:00	1
4,6-Dinitro-2-methylphenol	<0.081		0.33	0.081	mg/Kg		11/20/11 21:23	11/22/11 14:00	1
4-Bromophenyl phenyl ether	<0.037		0.17	0.037	mg/Kg		11/20/11 21:23	11/22/11 14:00	1
4-Chloro-3-methylphenol	<0.16		0.33	0.16	mg/Kg		11/20/11 21:23	11/22/11 14:00	1
4-Chloroaniline	<0.10		0.67	0.10	mg/Kg		11/20/11 21:23	11/22/11 14:00	1

QC Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 500-133384/1-A

Matrix: Solid

Analysis Batch: 133580

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 133384

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chlorophenyl phenyl ether	<0.052		0.17	0.052	mg/Kg		11/20/11 21:23	11/22/11 14:00	1
4-Nitroaniline	<0.068		0.33	0.068	mg/Kg		11/20/11 21:23	11/22/11 14:00	1
4-Nitrophenol	<0.18		0.67	0.18	mg/Kg		11/20/11 21:23	11/22/11 14:00	1
Acenaphthene	<0.0099		0.033	0.0099	mg/Kg		11/20/11 21:23	11/22/11 14:00	1
Acenaphthylene	<0.0076		0.033	0.0076	mg/Kg		11/20/11 21:23	11/22/11 14:00	1
Anthracene	<0.0078		0.033	0.0078	mg/Kg		11/20/11 21:23	11/22/11 14:00	1
Benzo[a]anthracene	<0.0070		0.033	0.0070	mg/Kg		11/20/11 21:23	11/22/11 14:00	1
Benzo[a]pyrene	<0.0061		0.033	0.0061	mg/Kg		11/20/11 21:23	11/22/11 14:00	1
Benzo[b]fluoranthene	<0.0065		0.033	0.0065	mg/Kg		11/20/11 21:23	11/22/11 14:00	1
Benzo[g,h,i]perylene	<0.011		0.033	0.011	mg/Kg		11/20/11 21:23	11/22/11 14:00	1
Benzo[k]fluoranthene	<0.0079		0.033	0.0079	mg/Kg		11/20/11 21:23	11/22/11 14:00	1
bis (2-chloroisopropyl) ether	<0.037		0.17	0.037	mg/Kg		11/20/11 21:23	11/22/11 14:00	1
Bis(2-chloroethoxy)methane	<0.037		0.17	0.037	mg/Kg		11/20/11 21:23	11/22/11 14:00	1
Bis(2-chloroethyl)ether	<0.049		0.17	0.049	mg/Kg		11/20/11 21:23	11/22/11 14:00	1
Bis(2-ethylhexyl) phthalate	<0.044		0.17	0.044	mg/Kg		11/20/11 21:23	11/22/11 14:00	1
Butyl benzyl phthalate	<0.042		0.17	0.042	mg/Kg		11/20/11 21:23	11/22/11 14:00	1
Carbazole	<0.047		0.17	0.047	mg/Kg		11/20/11 21:23	11/22/11 14:00	1
Chrysene	<0.0075		0.033	0.0075	mg/Kg		11/20/11 21:23	11/22/11 14:00	1
Dibenz(a,h)anthracene	<0.0093		0.033	0.0093	mg/Kg		11/20/11 21:23	11/22/11 14:00	1
Dibenzofuran	<0.040		0.17	0.040	mg/Kg		11/20/11 21:23	11/22/11 14:00	1
Diethyl phthalate	<0.055		0.17	0.055	mg/Kg		11/20/11 21:23	11/22/11 14:00	1
Dimethyl phthalate	<0.042		0.17	0.042	mg/Kg		11/20/11 21:23	11/22/11 14:00	1
Di-n-butyl phthalate	<0.042		0.17	0.042	mg/Kg		11/20/11 21:23	11/22/11 14:00	1
Di-n-octyl phthalate	<0.067		0.17	0.067	mg/Kg		11/20/11 21:23	11/22/11 14:00	1
Fluoranthene	<0.014		0.033	0.014	mg/Kg		11/20/11 21:23	11/22/11 14:00	1
Fluorene	<0.0076		0.033	0.0076	mg/Kg		11/20/11 21:23	11/22/11 14:00	1
Hexachlorobenzene	<0.0065		0.067	0.0065	mg/Kg		11/20/11 21:23	11/22/11 14:00	1
Hexachlorobutadiene	<0.044		0.17	0.044	mg/Kg		11/20/11 21:23	11/22/11 14:00	1
Hexachlorocyclopentadiene	<0.15		0.67	0.15	mg/Kg		11/20/11 21:23	11/22/11 14:00	1
Hexachloroethane	<0.035		0.17	0.035	mg/Kg		11/20/11 21:23	11/22/11 14:00	1
Indeno[1,2,3-cd]pyrene	<0.011		0.033	0.011	mg/Kg		11/20/11 21:23	11/22/11 14:00	1
Isophorone	<0.037		0.17	0.037	mg/Kg		11/20/11 21:23	11/22/11 14:00	1
Naphthalene	<0.0064		0.033	0.0064	mg/Kg		11/20/11 21:23	11/22/11 14:00	1
Nitrobenzene	<0.010		0.033	0.010	mg/Kg		11/20/11 21:23	11/22/11 14:00	1
N-Nitrosodimethylamine	<0.36		0.67	0.36	mg/Kg		11/20/11 21:23	11/22/11 14:00	1
N-Nitrosodi-n-propylamine	<0.042		0.17	0.042	mg/Kg		11/20/11 21:23	11/22/11 14:00	1
Pentachlorophenol	<0.17		0.67	0.17	mg/Kg		11/20/11 21:23	11/22/11 14:00	1
Phenanthrene	<0.014		0.033	0.014	mg/Kg		11/20/11 21:23	11/22/11 14:00	1
Phenol	<0.053		0.17	0.053	mg/Kg		11/20/11 21:23	11/22/11 14:00	1
Pyrene	<0.012		0.033	0.012	mg/Kg		11/20/11 21:23	11/22/11 14:00	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	109		30 - 137	11/20/11 21:23	11/22/11 14:00	1
2-Fluorophenol	85		30 - 110	11/20/11 21:23	11/22/11 14:00	1
2-Fluorobiphenyl	99		27 - 113	11/20/11 21:23	11/22/11 14:00	1
Nitrobenzene-d5	111	X	22 - 110	11/20/11 21:23	11/22/11 14:00	1
Phenol-d5	96		26 - 112	11/20/11 21:23	11/22/11 14:00	1
Terphenyl-d14	89		33 - 129	11/20/11 21:23	11/22/11 14:00	1

QC Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-133384/2-A

Matrix: Solid

Analysis Batch: 133580

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 133384

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trichlorobenzene	1.67	1.51		mg/Kg		91	65 - 102
1,2-Dichlorobenzene	1.67	1.35		mg/Kg		81	62 - 100
1,3-Dichlorobenzene	1.67	1.27		mg/Kg		76	60 - 100
1,4-Dichlorobenzene	1.67	1.30		mg/Kg		78	60 - 100
2,4,5-Trichlorophenol	1.67	1.60		mg/Kg		96	67 - 116
2,4,6-Trichlorophenol	1.67	1.54		mg/Kg		92	60 - 114
2,4-Dichlorophenol	1.67	1.65		mg/Kg		99	65 - 108
2,4-Dimethylphenol	1.67	1.51		mg/Kg		91	63 - 106
2,4-Dinitrophenol	1.67	0.330	J	mg/Kg		20	10 - 100
2,4-Dinitrotoluene	1.67	1.67		mg/Kg		100	67 - 118
2,6-Dinitrotoluene	1.67	1.68		mg/Kg		101	67 - 116
2-Chloronaphthalene	1.67	1.40		mg/Kg		84	62 - 104
2-Chlorophenol	1.67	1.32		mg/Kg		79	60 - 104
2-Methylphenol	1.67	1.36		mg/Kg		82	60 - 107
2-Nitroaniline	1.67	2.16		mg/Kg		129	62 - 140
2-Methylnaphthalene	1.67	1.48		mg/Kg		89	62 - 101
2-Nitrophenol	1.67	1.50		mg/Kg		90	65 - 106
3 & 4 Methylphenol	1.67	1.66		mg/Kg		100	60 - 118
3,3'-Dichlorobenzidine	1.67	1.04		mg/Kg		63	33 - 100
3-Nitroaniline	1.67	1.49		mg/Kg		89	39 - 101
4,6-Dinitro-2-methylphenol	1.67	0.600		mg/Kg		36	10 - 103
4-Bromophenyl phenyl ether	1.67	1.62		mg/Kg		97	66 - 114
4-Chloro-3-methylphenol	1.67	1.75		mg/Kg		105	60 - 111
4-Chloroaniline	1.67	1.22		mg/Kg		73	33 - 100
4-Chlorophenyl phenyl ether	1.67	1.67		mg/Kg		100	65 - 111
4-Nitroaniline	1.67	1.81		mg/Kg		109	58 - 118
4-Nitrophenol	1.67	1.45		mg/Kg		87	42 - 122
Acenaphthene	1.67	1.57		mg/Kg		94	64 - 105
Acenaphthylene	1.67	1.60		mg/Kg		96	60 - 105
Anthracene	1.67	1.50		mg/Kg		90	63 - 109
Benzo[a]anthracene	1.67	1.50		mg/Kg		90	60 - 114
Benzo[a]pyrene	1.67	1.46		mg/Kg		88	59 - 110
Benzo[b]fluoranthene	1.67	1.54		mg/Kg		93	50 - 118
Benzo[g,h,i]perylene	1.67	1.54		mg/Kg		92	58 - 119
Benzo[k]fluoranthene	1.67	1.39		mg/Kg		83	49 - 116
bis (2-chloroisopropyl) ether	1.67	1.39		mg/Kg		83	46 - 120
Bis(2-chloroethoxy)methane	1.67	1.54		mg/Kg		92	60 - 105
Bis(2-chloroethyl)ether	1.67	1.31		mg/Kg		79	54 - 116
Bis(2-ethylhexyl) phthalate	1.67	1.75		mg/Kg		105	63 - 124
Butyl benzyl phthalate	1.67	1.70		mg/Kg		102	63 - 131
Carbazole	1.67	1.60		mg/Kg		96	65 - 112
Chrysene	1.67	1.54		mg/Kg		92	64 - 112
Dibenz(a,h)anthracene	1.67	1.43		mg/Kg		86	56 - 117
Dibenzofuran	1.67	1.62		mg/Kg		97	64 - 107
Diethyl phthalate	1.67	1.69		mg/Kg		101	64 - 118
Dimethyl phthalate	1.67	1.63		mg/Kg		98	68 - 108
Di-n-butyl phthalate	1.67	1.65		mg/Kg		99	64 - 117
Di-n-octyl phthalate	1.67	1.52		mg/Kg		91	52 - 120
Fluoranthene	1.67	1.65		mg/Kg		99	68 - 113

QC Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-133384/2-A

Matrix: Solid

Analysis Batch: 133580

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 133384

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.	
							Limits	
Fluorene	1.67	1.61		mg/Kg		97	66 - 110	
Hexachlorobenzene	1.67	1.69		mg/Kg		101	63 - 118	
Hexachlorobutadiene	1.67	1.59		mg/Kg		95	62 - 110	
Hexachlorocyclopentadiene	1.67	0.933		mg/Kg		56	22 - 102	
Hexachloroethane	1.67	1.28		mg/Kg		77	58 - 100	
Indeno[1,2,3-cd]pyrene	1.67	1.51		mg/Kg		91	58 - 118	
Isophorone	1.67	1.48		mg/Kg		89	58 - 100	
Naphthalene	1.67	1.52		mg/Kg		91	60 - 102	
Nitrobenzene	1.67	1.62		mg/Kg		97	63 - 108	
N-Nitrosodimethylamine	1.67	1.26		mg/Kg		75	44 - 111	
N-Nitrosodi-n-propylamine	1.67	1.58		mg/Kg		95	58 - 117	
Pentachlorophenol	1.67	1.14		mg/Kg		68	25 - 119	
Phenanthrene	1.67	1.52		mg/Kg		91	63 - 117	
Phenol	1.67	1.44		mg/Kg		86	59 - 110	
Pyrene	1.67	1.46		mg/Kg		87	62 - 117	

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
2,4,6-Tribromophenol	99		30 - 137
2-Fluorophenol	82		30 - 110
2-Fluorobiphenyl	98		27 - 113
Nitrobenzene-d5	100		22 - 110
Phenol-d5	87		26 - 112
Terphenyl-d14	93		33 - 129

Lab Sample ID: 500-42116-1 MS

Matrix: Solid

Analysis Batch: 133706

Client Sample ID: WUK0392-01

Prep Type: Total/NA

Prep Batch: 133384

Analyte	Sample Result	Sample Qualifier	Spike Added	MS MS		Unit	D	%Rec	%Rec.	
				Result	Qualifier				Limits	
2-Methylnaphthalene	<0.046		1.79	1.83	F	mg/Kg	☼	102	62 - 101	
Acenaphthene	0.016	J	1.79	1.76		mg/Kg	☼	97	60 - 105	
Acenaphthylene	<0.0081		1.79	1.75		mg/Kg	☼	97	65 - 105	
Anthracene	0.068		1.79	1.86		mg/Kg	☼	100	63 - 109	
Benzo[a]anthracene	0.33		1.79	2.05		mg/Kg	☼	96	60 - 114	
Benzo[a]pyrene	0.46		1.79	2.08		mg/Kg	☼	90	59 - 110	
Benzo[b]fluoranthene	0.54		1.79	2.25		mg/Kg	☼	96	50 - 118	
Benzo[g,h,i]perylene	0.49		1.79	2.40		mg/Kg	☼	106	58 - 119	
Benzo[k]fluoranthene	0.32		1.79	0.997	F	mg/Kg	☼	38	49 - 116	
Chrysene	0.48		1.79	2.50	F	mg/Kg	☼	113	64 - 112	
Dibenz(a,h)anthracene	0.12		1.79	2.10		mg/Kg	☼	111	56 - 117	
Fluoranthene	0.49		1.79	2.19		mg/Kg	☼	95	68 - 113	
Fluorene	0.030	J	1.79	1.90		mg/Kg	☼	104	66 - 110	
Indeno[1,2,3-cd]pyrene	0.44		1.79	2.31		mg/Kg	☼	104	58 - 118	
Naphthalene	0.0080	J	1.79	1.71		mg/Kg	☼	95	60 - 102	
Phenanthrene	0.20		1.79	2.09		mg/Kg	☼	105	63 - 117	
Pyrene	0.47		1.79	2.46		mg/Kg	☼	111	62 - 117	

Surrogate	MS MS		Limits
	%Recovery	Qualifier	
2,4,6-Tribromophenol	113		30 - 137

QC Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 500-42116-1 MS
Matrix: Solid
Analysis Batch: 133706

Client Sample ID: WUK0392-01
Prep Type: Total/NA
Prep Batch: 133384

Surrogate	MS MS		Limits
	%Recovery	Qualifier	
2-Fluorophenol	85		30 - 110
2-Fluorobiphenyl	95		27 - 113
Nitrobenzene-d5	82		22 - 110
Phenol-d5	103		26 - 112
Terphenyl-d14	106		33 - 129

Lab Sample ID: 500-42116-1 MSD
Matrix: Solid
Analysis Batch: 133706

Client Sample ID: WUK0392-01
Prep Type: Total/NA
Prep Batch: 133384

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD MSD		Unit	D	%Rec	%Rec.		RPD	Limit
				Result	Qualifier				Limits	RPD		
2-Methylnaphthalene	<0.046		1.71	1.71		mg/Kg	*	100	62 - 101	7	30	
Acenaphthene	0.016	J	1.71	1.65		mg/Kg	*	95	60 - 105	6	30	
Acenaphthylene	<0.0081		1.71	1.66		mg/Kg	*	97	65 - 105	5	30	
Anthracene	0.068		1.71	1.69		mg/Kg	*	95	63 - 109	10	30	
Benzo[a]anthracene	0.33		1.71	2.02		mg/Kg	*	99	60 - 114	2	30	
Benzo[a]pyrene	0.46		1.71	2.17		mg/Kg	*	100	59 - 110	4	30	
Benzo[b]fluoranthene	0.54		1.71	2.20		mg/Kg	*	97	50 - 118	2	30	
Benzo[g,h,i]perylene	0.49		1.71	2.82	F	mg/Kg	*	136	58 - 119	16	30	
Benzo[k]fluoranthene	0.32		1.71	1.60	F	mg/Kg	*	75	49 - 116	47	30	
Chrysene	0.48		1.71	2.28		mg/Kg	*	105	64 - 112	9	30	
Dibenz(a,h)anthracene	0.12		1.71	2.30	F	mg/Kg	*	127	56 - 117	9	30	
Fluoranthene	0.49		1.71	2.08		mg/Kg	*	93	68 - 113	5	30	
Fluorene	0.030	J	1.71	1.77		mg/Kg	*	101	66 - 110	7	30	
Indeno[1,2,3-cd]pyrene	0.44		1.71	2.59	F	mg/Kg	*	125	58 - 118	11	30	
Naphthalene	0.0080	J	1.71	1.60		mg/Kg	*	93	60 - 102	6	30	
Phenanthrene	0.20		1.71	2.01		mg/Kg	*	106	63 - 117	4	30	
Pyrene	0.47		1.71	2.66	F	mg/Kg	*	128	62 - 117	8	30	

Surrogate	MSD MSD		Limits
	%Recovery	Qualifier	
2,4,6-Tribromophenol	113		30 - 137
2-Fluorophenol	82		30 - 110
2-Fluorobiphenyl	98		27 - 113
Nitrobenzene-d5	83		22 - 110
Phenol-d5	104		26 - 112
Terphenyl-d14	122		33 - 129

Lab Sample ID: MB 500-133654/1-A
Matrix: Solid
Analysis Batch: 133709

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 133654

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,2,4-Trichlorobenzene	<0.038		0.17	0.038	mg/Kg		11/22/11 18:27	11/23/11 13:33	1
1,2-Dichlorobenzene	<0.036		0.17	0.036	mg/Kg		11/22/11 18:27	11/23/11 13:33	1
1,3-Dichlorobenzene	<0.035		0.17	0.035	mg/Kg		11/22/11 18:27	11/23/11 13:33	1
1,4-Dichlorobenzene	<0.035		0.17	0.035	mg/Kg		11/22/11 18:27	11/23/11 13:33	1
2,4,5-Trichlorophenol	<0.095		0.33	0.095	mg/Kg		11/22/11 18:27	11/23/11 13:33	1
2,4,6-Trichlorophenol	<0.042		0.33	0.042	mg/Kg		11/22/11 18:27	11/23/11 13:33	1
2,4-Dichlorophenol	<0.10		0.33	0.10	mg/Kg		11/22/11 18:27	11/23/11 13:33	1

QC Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 500-133654/1-A

Matrix: Solid

Analysis Batch: 133709

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 133654

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
2,4-Dimethylphenol	<0.10		0.33	0.10	mg/Kg		11/22/11 18:27	11/23/11 13:33	1
2,4-Dinitrophenol	<0.17		0.67	0.17	mg/Kg		11/22/11 18:27	11/23/11 13:33	1
2,4-Dinitrotoluene	<0.051		0.17	0.051	mg/Kg		11/22/11 18:27	11/23/11 13:33	1
2,6-Dinitrotoluene	<0.040		0.17	0.040	mg/Kg		11/22/11 18:27	11/23/11 13:33	1
2-Chloronaphthalene	<0.037		0.17	0.037	mg/Kg		11/22/11 18:27	11/23/11 13:33	1
2-Chlorophenol	<0.048		0.17	0.048	mg/Kg		11/22/11 18:27	11/23/11 13:33	1
2-Methylphenol	<0.044		0.17	0.044	mg/Kg		11/22/11 18:27	11/23/11 13:33	1
2-Nitroaniline	<0.060		0.17	0.060	mg/Kg		11/22/11 18:27	11/23/11 13:33	1
2-Methylnaphthalene	<0.043		0.17	0.043	mg/Kg		11/22/11 18:27	11/23/11 13:33	1
2-Nitrophenol	<0.052		0.33	0.052	mg/Kg		11/22/11 18:27	11/23/11 13:33	1
3 & 4 Methylphenol	<0.063		0.17	0.063	mg/Kg		11/22/11 18:27	11/23/11 13:33	1
3,3'-Dichlorobenzidine	<0.028		0.17	0.028	mg/Kg		11/22/11 18:27	11/23/11 13:33	1
3-Nitroaniline	<0.064		0.33	0.064	mg/Kg		11/22/11 18:27	11/23/11 13:33	1
4,6-Dinitro-2-methylphenol	<0.081		0.33	0.081	mg/Kg		11/22/11 18:27	11/23/11 13:33	1
4-Bromophenyl phenyl ether	<0.037		0.17	0.037	mg/Kg		11/22/11 18:27	11/23/11 13:33	1
4-Chloro-3-methylphenol	<0.16		0.33	0.16	mg/Kg		11/22/11 18:27	11/23/11 13:33	1
4-Chloroaniline	<0.10		0.67	0.10	mg/Kg		11/22/11 18:27	11/23/11 13:33	1
4-Chlorophenyl phenyl ether	<0.052		0.17	0.052	mg/Kg		11/22/11 18:27	11/23/11 13:33	1
4-Nitroaniline	<0.068		0.33	0.068	mg/Kg		11/22/11 18:27	11/23/11 13:33	1
4-Nitrophenol	<0.18		0.67	0.18	mg/Kg		11/22/11 18:27	11/23/11 13:33	1
Acenaphthene	<0.0099		0.033	0.0099	mg/Kg		11/22/11 18:27	11/23/11 13:33	1
Acenaphthylene	<0.0076		0.033	0.0076	mg/Kg		11/22/11 18:27	11/23/11 13:33	1
Anthracene	<0.0078		0.033	0.0078	mg/Kg		11/22/11 18:27	11/23/11 13:33	1
Benzo[a]anthracene	<0.0070		0.033	0.0070	mg/Kg		11/22/11 18:27	11/23/11 13:33	1
Benzo[a]pyrene	<0.0061		0.033	0.0061	mg/Kg		11/22/11 18:27	11/23/11 13:33	1
Benzo[b]fluoranthene	<0.0065		0.033	0.0065	mg/Kg		11/22/11 18:27	11/23/11 13:33	1
Benzo[g,h,i]perylene	<0.011		0.033	0.011	mg/Kg		11/22/11 18:27	11/23/11 13:33	1
Benzo[k]fluoranthene	<0.0079		0.033	0.0079	mg/Kg		11/22/11 18:27	11/23/11 13:33	1
bis(2-chloroisopropyl) ether	<0.037		0.17	0.037	mg/Kg		11/22/11 18:27	11/23/11 13:33	1
Bis(2-chloroethoxy)methane	<0.037		0.17	0.037	mg/Kg		11/22/11 18:27	11/23/11 13:33	1
Bis(2-chloroethyl)ether	<0.049		0.17	0.049	mg/Kg		11/22/11 18:27	11/23/11 13:33	1
Bis(2-ethylhexyl) phthalate	<0.044		0.17	0.044	mg/Kg		11/22/11 18:27	11/23/11 13:33	1
Butyl benzyl phthalate	<0.042		0.17	0.042	mg/Kg		11/22/11 18:27	11/23/11 13:33	1
Carbazole	<0.047		0.17	0.047	mg/Kg		11/22/11 18:27	11/23/11 13:33	1
Chrysene	<0.0075		0.033	0.0075	mg/Kg		11/22/11 18:27	11/23/11 13:33	1
Dibenz(a,h)anthracene	<0.0093		0.033	0.0093	mg/Kg		11/22/11 18:27	11/23/11 13:33	1
Dibenzofuran	<0.040		0.17	0.040	mg/Kg		11/22/11 18:27	11/23/11 13:33	1
Diethyl phthalate	<0.055		0.17	0.055	mg/Kg		11/22/11 18:27	11/23/11 13:33	1
Dimethyl phthalate	<0.042		0.17	0.042	mg/Kg		11/22/11 18:27	11/23/11 13:33	1
Di-n-butyl phthalate	<0.042		0.17	0.042	mg/Kg		11/22/11 18:27	11/23/11 13:33	1
Di-n-octyl phthalate	<0.067		0.17	0.067	mg/Kg		11/22/11 18:27	11/23/11 13:33	1
Fluoranthene	<0.014		0.033	0.014	mg/Kg		11/22/11 18:27	11/23/11 13:33	1
Fluorene	<0.0076		0.033	0.0076	mg/Kg		11/22/11 18:27	11/23/11 13:33	1
Hexachlorobenzene	<0.0065		0.067	0.0065	mg/Kg		11/22/11 18:27	11/23/11 13:33	1
Hexachlorobutadiene	<0.044		0.17	0.044	mg/Kg		11/22/11 18:27	11/23/11 13:33	1
Hexachlorocyclopentadiene	<0.15		0.67	0.15	mg/Kg		11/22/11 18:27	11/23/11 13:33	1
Hexachloroethane	<0.035		0.17	0.035	mg/Kg		11/22/11 18:27	11/23/11 13:33	1
Indeno[1,2,3-cd]pyrene	<0.011		0.033	0.011	mg/Kg		11/22/11 18:27	11/23/11 13:33	1
Isophorone	<0.037		0.17	0.037	mg/Kg		11/22/11 18:27	11/23/11 13:33	1
Naphthalene	<0.0064		0.033	0.0064	mg/Kg		11/22/11 18:27	11/23/11 13:33	1

QC Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 500-133654/1-A

Matrix: Solid

Analysis Batch: 133709

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 133654

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrobenzene	<0.010		0.033	0.010	mg/Kg		11/22/11 18:27	11/23/11 13:33	1
N-Nitrosodimethylamine	<0.36		0.67	0.36	mg/Kg		11/22/11 18:27	11/23/11 13:33	1
N-Nitrosodi-n-propylamine	<0.042		0.17	0.042	mg/Kg		11/22/11 18:27	11/23/11 13:33	1
Pentachlorophenol	<0.17		0.67	0.17	mg/Kg		11/22/11 18:27	11/23/11 13:33	1
Phenanthrene	<0.014		0.033	0.014	mg/Kg		11/22/11 18:27	11/23/11 13:33	1
Phenol	<0.053		0.17	0.053	mg/Kg		11/22/11 18:27	11/23/11 13:33	1
Pyrene	<0.012		0.033	0.012	mg/Kg		11/22/11 18:27	11/23/11 13:33	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	91		30 - 137	11/22/11 18:27	11/23/11 13:33	1
2-Fluorophenol	74		30 - 110	11/22/11 18:27	11/23/11 13:33	1
2-Fluorobiphenyl	90		27 - 113	11/22/11 18:27	11/23/11 13:33	1
Nitrobenzene-d5	96		22 - 110	11/22/11 18:27	11/23/11 13:33	1
Phenol-d5	85		26 - 112	11/22/11 18:27	11/23/11 13:33	1
Terphenyl-d14	90		33 - 129	11/22/11 18:27	11/23/11 13:33	1

Lab Sample ID: LCS 500-133654/2-A

Matrix: Solid

Analysis Batch: 133709

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 133654

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trichlorobenzene	1.67	1.62		mg/Kg		97	65 - 102
1,2-Dichlorobenzene	1.67	1.45		mg/Kg		87	62 - 100
1,3-Dichlorobenzene	1.67	1.33		mg/Kg		80	60 - 100
1,4-Dichlorobenzene	1.67	1.38		mg/Kg		83	60 - 100
2,4,5-Trichlorophenol	1.67	1.69		mg/Kg		101	67 - 116
2,4,6-Trichlorophenol	1.67	1.57		mg/Kg		94	60 - 114
2,4-Dichlorophenol	1.67	1.59		mg/Kg		96	65 - 108
2,4-Dimethylphenol	1.67	1.49		mg/Kg		89	63 - 106
2,4-Dinitrophenol	1.67	0.298	J	mg/Kg		18	10 - 100
2,4-Dinitrotoluene	1.67	1.72		mg/Kg		103	67 - 118
2,6-Dinitrotoluene	1.67	1.61		mg/Kg		96	67 - 116
2-Chloronaphthalene	1.67	1.56		mg/Kg		93	62 - 104
2-Chlorophenol	1.67	1.49		mg/Kg		90	60 - 104
2-Methylphenol	1.67	1.44		mg/Kg		86	60 - 107
2-Nitroaniline	1.67	2.08		mg/Kg		125	62 - 140
2-Methylnaphthalene	1.67	1.48		mg/Kg		89	62 - 101
2-Nitrophenol	1.67	1.54		mg/Kg		92	65 - 106
3 & 4 Methylphenol	1.67	1.68		mg/Kg		101	60 - 118
3,3'-Dichlorobenzidene	1.67	1.27		mg/Kg		76	33 - 100
3-Nitroaniline	1.67	1.52		mg/Kg		91	39 - 101
4,6-Dinitro-2-methylphenol	1.67	0.577		mg/Kg		35	10 - 103
4-Bromophenyl phenyl ether	1.67	1.67		mg/Kg		100	66 - 114
4-Chloro-3-methylphenol	1.67	1.59		mg/Kg		95	60 - 111
4-Chloroaniline	1.67	1.42		mg/Kg		85	33 - 100
4-Chlorophenyl phenyl ether	1.67	1.81		mg/Kg		108	65 - 111
4-Nitroaniline	1.67	1.53		mg/Kg		92	58 - 118
4-Nitrophenol	1.67	1.35		mg/Kg		81	42 - 122
Acenaphthene	1.67	1.63		mg/Kg		98	64 - 105

QC Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-133654/2-A

Matrix: Solid

Analysis Batch: 133709

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 133654

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.
							Limits
Acenaphthylene	1.67	1.61		mg/Kg		97	60 - 105
Anthracene	1.67	1.64		mg/Kg		98	63 - 109
Benzo[a]anthracene	1.67	1.60		mg/Kg		96	60 - 114
Benzo[a]pyrene	1.67	1.64		mg/Kg		98	59 - 110
Benzo[b]fluoranthene	1.67	1.68		mg/Kg		101	50 - 118
Benzo[g,h,i]perylene	1.67	1.66		mg/Kg		99	58 - 119
Benzo[k]fluoranthene	1.67	1.72		mg/Kg		103	49 - 116
bis (2-chloroisopropyl) ether	1.67	1.49		mg/Kg		89	46 - 120
Bis(2-chloroethoxy)methane	1.67	1.64		mg/Kg		98	60 - 105
Bis(2-chloroethyl)ether	1.67	1.46		mg/Kg		88	54 - 116
Bis(2-ethylhexyl) phthalate	1.67	1.98		mg/Kg		119	63 - 124
Butyl benzyl phthalate	1.67	1.91		mg/Kg		114	63 - 131
Carbazole	1.67	1.55		mg/Kg		93	65 - 112
Chrysene	1.67	1.75		mg/Kg		105	64 - 112
Dibenz(a,h)anthracene	1.67	1.58		mg/Kg		95	56 - 117
Dibenzofuran	1.67	1.68		mg/Kg		101	64 - 107
Diethyl phthalate	1.67	1.74		mg/Kg		105	64 - 118
Dimethyl phthalate	1.67	1.66		mg/Kg		99	68 - 108
Di-n-butyl phthalate	1.67	1.78		mg/Kg		107	64 - 117
Di-n-octyl phthalate	1.67	1.79		mg/Kg		108	52 - 120
Fluoranthene	1.67	1.67		mg/Kg		100	68 - 113
Fluorene	1.67	1.68		mg/Kg		101	66 - 110
Hexachlorobenzene	1.67	1.81		mg/Kg		108	63 - 118
Hexachlorobutadiene	1.67	1.72		mg/Kg		103	62 - 110
Hexachlorocyclopentadiene	1.67	1.03		mg/Kg		62	22 - 102
Hexachloroethane	1.67	1.46		mg/Kg		88	58 - 100
Indeno[1,2,3-cd]pyrene	1.67	1.66		mg/Kg		99	58 - 118
Isophorone	1.67	1.45		mg/Kg		87	58 - 100
Naphthalene	1.67	1.54		mg/Kg		92	60 - 102
Nitrobenzene	1.67	1.61		mg/Kg		97	63 - 108
N-Nitrosodimethylamine	1.67	1.29		mg/Kg		77	44 - 111
N-Nitrosodi-n-propylamine	1.67	1.68		mg/Kg		101	58 - 117
Pentachlorophenol	1.67	0.987		mg/Kg		59	25 - 119
Phenanthrene	1.67	1.61		mg/Kg		96	63 - 117
Phenol	1.67	1.49		mg/Kg		89	59 - 110
Pyrene	1.67	1.90		mg/Kg		114	62 - 117

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
2,4,6-Tribromophenol	104		30 - 137
2-Fluorophenol	89		30 - 110
2-Fluorobiphenyl	102		27 - 113
Nitrobenzene-d5	102		22 - 110
Phenol-d5	91		26 - 112
Terphenyl-d14	106		33 - 129

QC Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 500-42116-22 MS

Matrix: Solid

Analysis Batch: 133709

Client Sample ID: WUK0392-22

Prep Type: Total/NA

Prep Batch: 133654

Analyte	Sample	Sample Qualifier	Spike Added	MS		Unit	D	%Rec	%Rec. Limits
	Result			Result	Qualifier				
2-Methylnaphthalene	<0.050		1.98	1.55		mg/Kg	☼	78	62 - 101
Acenaphthene	<0.012		1.98	1.73		mg/Kg	☼	87	60 - 105
Acenaphthylene	<0.0089		1.98	1.70		mg/Kg	☼	86	65 - 105
Anthracene	<0.0091		1.98	1.83		mg/Kg	☼	92	63 - 109
Benzo[a]anthracene	<0.0081		1.98	1.72		mg/Kg	☼	87	60 - 114
Benzo[a]pyrene	<0.0070		1.98	1.82		mg/Kg	☼	92	59 - 110
Benzo[b]fluoranthene	<0.0075		1.98	1.54		mg/Kg	☼	78	50 - 118
Benzo[g,h,i]perylene	<0.013		1.98	1.79		mg/Kg	☼	90	58 - 119
Benzo[k]fluoranthene	<0.0092		1.98	2.03		mg/Kg	☼	102	49 - 116
Chrysene	0.012	J	1.98	1.96		mg/Kg	☼	98	64 - 112
Dibenz(a,h)anthracene	<0.011		1.98	1.78		mg/Kg	☼	90	56 - 117
Fluoranthene	<0.016		1.98	1.85		mg/Kg	☼	93	68 - 113
Fluorene	<0.0088		1.98	1.80		mg/Kg	☼	91	66 - 110
Indeno[1,2,3-cd]pyrene	<0.013		1.98	1.83		mg/Kg	☼	92	58 - 118
Naphthalene	<0.0074		1.98	1.52		mg/Kg	☼	76	60 - 102
Phenanthrene	<0.016		1.98	1.80		mg/Kg	☼	91	63 - 117
Pyrene	<0.014		1.98	1.79		mg/Kg	☼	90	62 - 117

Surrogate	MS MS		Limits
	%Recovery	Qualifier	
2-Fluorobiphenyl	86		27 - 113
Nitrobenzene-d5	83		22 - 110
Terphenyl-d14	89		33 - 129

Lab Sample ID: 500-42116-22 MSD

Matrix: Solid

Analysis Batch: 133709

Client Sample ID: WUK0392-22

Prep Type: Total/NA

Prep Batch: 133654

Analyte	Sample	Sample Qualifier	Spike Added	MSD		Unit	D	%Rec	%Rec. Limits	RPD	
	Result			Result	Qualifier					RPD	Limit
2-Methylnaphthalene	<0.050		1.92	1.36		mg/Kg	☼	71	62 - 101	13	30
Acenaphthene	<0.012		1.92	1.52		mg/Kg	☼	79	60 - 105	13	30
Acenaphthylene	<0.0089		1.92	1.51		mg/Kg	☼	78	65 - 105	12	30
Anthracene	<0.0091		1.92	1.47		mg/Kg	☼	77	63 - 109	21	30
Benzo[a]anthracene	<0.0081		1.92	1.62		mg/Kg	☼	84	60 - 114	6	30
Benzo[a]pyrene	<0.0070		1.92	1.49		mg/Kg	☼	77	59 - 110	20	30
Benzo[b]fluoranthene	<0.0075		1.92	1.50		mg/Kg	☼	78	50 - 118	3	30
Benzo[g,h,i]perylene	<0.013		1.92	1.59		mg/Kg	☼	83	58 - 119	12	30
Benzo[k]fluoranthene	<0.0092		1.92	1.52		mg/Kg	☼	79	49 - 116	28	30
Chrysene	0.012	J	1.92	1.60		mg/Kg	☼	83	64 - 112	20	30
Dibenz(a,h)anthracene	<0.011		1.92	1.52		mg/Kg	☼	79	56 - 117	16	30
Fluoranthene	<0.016		1.92	1.62		mg/Kg	☼	84	68 - 113	13	30
Fluorene	<0.0088		1.92	1.64		mg/Kg	☼	85	66 - 110	9	30
Indeno[1,2,3-cd]pyrene	<0.013		1.92	1.58		mg/Kg	☼	82	58 - 118	15	30
Naphthalene	<0.0074		1.92	1.36		mg/Kg	☼	71	60 - 102	11	30
Phenanthrene	<0.016		1.92	1.42		mg/Kg	☼	74	63 - 117	23	30
Pyrene	<0.014		1.92	1.44		mg/Kg	☼	75	62 - 117	22	30

Surrogate	MSD MSD		Limits
	%Recovery	Qualifier	
2-Fluorobiphenyl	75		27 - 113
Nitrobenzene-d5	76		22 - 110

QC Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 500-42116-22 MSD
Matrix: Solid
Analysis Batch: 133709

Client Sample ID: WUK0392-22
Prep Type: Total/NA
Prep Batch: 133654

Surrogate	MSD MSD		Limits
	%Recovery	Qualifier	
Terphenyl-d14	78		33 - 129

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

Lab Sample ID: MB 500-133509/1-A
Matrix: Solid
Analysis Batch: 133588

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 133509

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
PCB-1016	<0.0060		0.017	0.0060	mg/Kg		11/21/11 19:46	11/23/11 03:04	1
PCB-1221	<0.014		0.017	0.014	mg/Kg		11/21/11 19:46	11/23/11 03:04	1
PCB-1232	<0.0065		0.017	0.0065	mg/Kg		11/21/11 19:46	11/23/11 03:04	1
PCB-1242	<0.0080		0.017	0.0080	mg/Kg		11/21/11 19:46	11/23/11 03:04	1
PCB-1248	<0.0061		0.017	0.0061	mg/Kg		11/21/11 19:46	11/23/11 03:04	1
PCB-1254	<0.0048		0.017	0.0048	mg/Kg		11/21/11 19:46	11/23/11 03:04	1
PCB-1260	<0.0039		0.017	0.0039	mg/Kg		11/21/11 19:46	11/23/11 03:04	1
Polychlorinated biphenyls, Total	<0.0026		0.017	0.0026	mg/Kg		11/21/11 19:46	11/23/11 03:04	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
Tetrachloro-m-xylene	94		28 - 124	11/21/11 19:46	11/23/11 03:04	1
DCB Decachlorobiphenyl	113		38 - 130	11/21/11 19:46	11/23/11 03:04	1

Lab Sample ID: LCS 500-133509/2-A
Matrix: Solid
Analysis Batch: 133588

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 133509

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	Limits
		Result	Qualifier				
PCB-1016	0.167	0.150		mg/Kg		90	47 - 117
PCB-1260	0.167	0.170		mg/Kg		102	57 - 122

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
Tetrachloro-m-xylene	98		28 - 124
DCB Decachlorobiphenyl	116		38 - 130

Lab Sample ID: MB 500-133511/1-A
Matrix: Solid
Analysis Batch: 133588

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 133511

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
PCB-1016	<0.0060		0.017	0.0060	mg/Kg		11/21/11 21:32	11/22/11 13:48	1
PCB-1221	<0.014		0.017	0.014	mg/Kg		11/21/11 21:32	11/22/11 13:48	1
PCB-1232	<0.0065		0.017	0.0065	mg/Kg		11/21/11 21:32	11/22/11 13:48	1
PCB-1242	<0.0080		0.017	0.0080	mg/Kg		11/21/11 21:32	11/22/11 13:48	1
PCB-1248	<0.0061		0.017	0.0061	mg/Kg		11/21/11 21:32	11/22/11 13:48	1
PCB-1254	<0.0048		0.017	0.0048	mg/Kg		11/21/11 21:32	11/22/11 13:48	1
PCB-1260	<0.0039		0.017	0.0039	mg/Kg		11/21/11 21:32	11/22/11 13:48	1
Polychlorinated biphenyls, Total	<0.0026		0.017	0.0026	mg/Kg		11/21/11 21:32	11/22/11 13:48	1

QC Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

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

Lab Sample ID: MB 500-133511/1-A
Matrix: Solid
Analysis Batch: 133588

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 133511

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
Tetrachloro-m-xylene	81		28 - 124	11/21/11 21:32	11/22/11 13:48	1
DCB Decachlorobiphenyl	99		38 - 130	11/21/11 21:32	11/22/11 13:48	1

Lab Sample ID: LCS 500-133511/2-A
Matrix: Solid
Analysis Batch: 133588

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 133511

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
PCB-1016	0.167	0.142		mg/Kg		85	47 - 117
PCB-1260	0.167	0.151		mg/Kg		90	57 - 122

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
Tetrachloro-m-xylene	87		28 - 124
DCB Decachlorobiphenyl	104		38 - 130

Lab Sample ID: 500-42116-31 MS
Matrix: Solid
Analysis Batch: 133588

Client Sample ID: WUK0392-31
Prep Type: Total/NA
Prep Batch: 133511

Analyte	Sample Result	Sample Qualifier	Spike Added	MS MS		Unit	D	%Rec	%Rec. Limits
				Result	Qualifier				
PCB-1016	<0.0068		0.195	0.188		mg/Kg	☼	96	47 - 117
PCB-1260	<0.0044		0.195	0.189		mg/Kg	☼	97	57 - 122

Surrogate	MS MS		Limits
	%Recovery	Qualifier	
Tetrachloro-m-xylene	84		28 - 124
DCB Decachlorobiphenyl	121		38 - 130

Lab Sample ID: 500-42116-31 MSD
Matrix: Solid
Analysis Batch: 133588

Client Sample ID: WUK0392-31
Prep Type: Total/NA
Prep Batch: 133511

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD MSD		Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
				Result	Qualifier						
PCB-1016	<0.0068		0.190	0.180		mg/Kg	☼	95	47 - 117	4	30
PCB-1260	<0.0044		0.190	0.181		mg/Kg	☼	95	57 - 122	4	30

Surrogate	MSD MSD		Limits
	%Recovery	Qualifier	
Tetrachloro-m-xylene	82		28 - 124
DCB Decachlorobiphenyl	112		38 - 130

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 500-133381/1-A
Matrix: Solid
Analysis Batch: 133469

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 133381

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Arsenic	<0.14		1.0	0.14	mg/Kg		11/20/11 15:25	11/21/11 11:14	1
Barium	<0.056		1.0	0.056	mg/Kg		11/20/11 15:25	11/21/11 11:14	1

QC Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: MB 500-133381/1-A
Matrix: Solid
Analysis Batch: 133469

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 133381

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Cadmium	<0.027		0.20	0.027	mg/Kg		11/20/11 15:25	11/21/11 11:14	1
Chromium	<0.085		1.0	0.085	mg/Kg		11/20/11 15:25	11/21/11 11:14	1
Lead	0.360	J	0.50	0.24	mg/Kg		11/20/11 15:25	11/21/11 11:14	1
Selenium	<0.28		1.0	0.28	mg/Kg		11/20/11 15:25	11/21/11 11:14	1
Silver	<0.063		0.50	0.063	mg/Kg		11/20/11 15:25	11/21/11 11:14	1

Lab Sample ID: LCS 500-133381/2-A
Matrix: Solid
Analysis Batch: 133469

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 133381

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec.	
		Result	Qualifier				Limits	
Arsenic	10.0	8.92		mg/Kg		89	80 - 120	
Barium	200	190		mg/Kg		95	80 - 120	
Cadmium	5.00	4.82		mg/Kg		96	80 - 120	
Chromium	20.0	19.9		mg/Kg		100	80 - 120	
Lead	10.0	10.1		mg/Kg		101	80 - 120	
Selenium	10.0	8.15		mg/Kg		82	80 - 120	
Silver	5.00	4.98		mg/Kg		100	80 - 120	

Lab Sample ID: MB 500-133382/1-A
Matrix: Solid
Analysis Batch: 133525

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 133382

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Arsenic	<0.14		1.0	0.14	mg/Kg		11/20/11 15:48	11/21/11 17:40	1
Barium	<0.056		1.0	0.056	mg/Kg		11/20/11 15:48	11/21/11 17:40	1
Cadmium	<0.027		0.20	0.027	mg/Kg		11/20/11 15:48	11/21/11 17:40	1
Chromium	<0.085		1.0	0.085	mg/Kg		11/20/11 15:48	11/21/11 17:40	1
Lead	<0.24		0.50	0.24	mg/Kg		11/20/11 15:48	11/21/11 17:40	1
Selenium	<0.28		1.0	0.28	mg/Kg		11/20/11 15:48	11/21/11 17:40	1
Silver	<0.063		0.50	0.063	mg/Kg		11/20/11 15:48	11/21/11 17:40	1

Lab Sample ID: LCS 500-133382/2-A
Matrix: Solid
Analysis Batch: 133525

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 133382

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec.	
		Result	Qualifier				Limits	
Arsenic	10.0	9.05		mg/Kg		90	80 - 120	
Barium	200	190		mg/Kg		95	80 - 120	
Cadmium	5.00	4.82		mg/Kg		96	80 - 120	
Chromium	20.0	19.9		mg/Kg		100	80 - 120	
Lead	10.0	10.0		mg/Kg		100	80 - 120	
Selenium	10.0	8.11		mg/Kg		81	80 - 120	
Silver	5.00	4.88		mg/Kg		98	80 - 120	

Lab Sample ID: 500-42116-27 MS
Matrix: Solid
Analysis Batch: 133525

Client Sample ID: WUK0392-27
Prep Type: Total/NA
Prep Batch: 133382

Analyte	Sample Result	Sample Qualifier	Spike Added	MS MS		Unit	D	%Rec	%Rec.	
				Result	Qualifier				Limits	
Arsenic	2.3		10.5	11.7		mg/Kg	☼	90	75 - 125	

QC Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 500-42116-27 MS
Matrix: Solid
Analysis Batch: 133525

Client Sample ID: WUK0392-27
Prep Type: Total/NA
Prep Batch: 133382

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.	
	Result	Qualifier	Added	Result	Qualifier				Limits	RPD
Barium	10		210	212		mg/Kg	☼	96	75 - 125	
Cadmium	0.19		5.25	4.54		mg/Kg	☼	83	75 - 125	
Chromium	3.6		21.0	26.6		mg/Kg	☼	110	75 - 125	
Lead	2.5		10.5	12.9		mg/Kg	☼	100	75 - 125	
Selenium	<0.27		10.5	8.42		mg/Kg	☼	80	75 - 125	
Silver	0.069	J	5.25	5.22		mg/Kg	☼	98	75 - 125	

Lab Sample ID: 500-42116-27 MSD
Matrix: Solid
Analysis Batch: 133525

Client Sample ID: WUK0392-27
Prep Type: Total/NA
Prep Batch: 133382

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.		RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits	RPD	Limit	
Arsenic	2.3		10.2	11.3		mg/Kg	☼	89	75 - 125	3	20	
Barium	10		204	194		mg/Kg	☼	90	75 - 125	9	20	
Cadmium	0.19		5.11	4.25		mg/Kg	☼	80	75 - 125	7	20	
Chromium	3.6		20.4	22.4		mg/Kg	☼	92	75 - 125	17	20	
Lead	2.5		10.2	12.0		mg/Kg	☼	93	75 - 125	8	20	
Selenium	<0.27		10.2	7.98		mg/Kg	☼	78	75 - 125	5	20	
Silver	0.069	J	5.11	4.91		mg/Kg	☼	95	75 - 125	6	20	

Lab Sample ID: 500-42116-27 DU
Matrix: Solid
Analysis Batch: 133525

Client Sample ID: WUK0392-27
Prep Type: Total/NA
Prep Batch: 133382

Analyte	Sample	Sample	DU		Unit	D	RPD	Limit
	Result	Qualifier	Result	Qualifier				
Arsenic	2.3		1.68		mg/Kg	☼	30	20
Barium	10		4.66	F	mg/Kg	☼	76	20
Cadmium	0.19		0.0996	J	mg/Kg	☼	61	20
Chromium	3.6		2.89		mg/Kg	☼	21	20
Lead	2.5		1.97		mg/Kg	☼	22	20
Selenium	<0.27		<0.29		mg/Kg	☼	NC	20
Silver	0.069	J	<0.065		mg/Kg	☼	NC	20

Method: 7471A - Mercury (CVAA)

Lab Sample ID: MB 500-133635/7-A
Matrix: Solid
Analysis Batch: 133751

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 133635

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Mercury	<0.0051		0.017	0.0051	mg/Kg		11/23/11 08:15	11/23/11 12:04	1

Lab Sample ID: LCS 500-133635/8-A
Matrix: Solid
Analysis Batch: 133751

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 133635

Analyte	Spike	Added	LCS	LCS	Unit	D	%Rec	%Rec.	
			Result	Qualifier				Limits	RPD
Mercury	0.167		0.147		mg/Kg		88	80 - 120	

QC Sample Results

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Method: 7471A - Mercury (CVAA) (Continued)

Lab Sample ID: MB 500-133639/7-A
Matrix: Solid
Analysis Batch: 133751

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 133639

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0051		0.017	0.0051	mg/Kg		11/23/11 08:15	11/23/11 10:57	1

Lab Sample ID: LCS 500-133639/8-A
Matrix: Solid
Analysis Batch: 133751

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 133639

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.167	0.155		mg/Kg		93	80 - 120

Lab Sample ID: 500-42116-1 MS
Matrix: Solid
Analysis Batch: 133751

Client Sample ID: WUK0392-01
Prep Type: Total/NA
Prep Batch: 133639

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.032		0.0786	0.112		mg/Kg	☼	103	75 - 125

Lab Sample ID: 500-42116-1 MSD
Matrix: Solid
Analysis Batch: 133751

Client Sample ID: WUK0392-01
Prep Type: Total/NA
Prep Batch: 133639

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Mercury	0.032		0.0882	0.156	F	mg/Kg	☼	141	75 - 125	33	20

Lab Sample ID: 500-42116-1 DU
Matrix: Solid
Analysis Batch: 133751

Client Sample ID: WUK0392-01
Prep Type: Total/NA
Prep Batch: 133639

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Mercury	0.032		0.0314		mg/Kg	☼	0.7	20

QC Association Summary

Client: Tetra Tech GEO
 Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

GCMS Volatiles

Analysis Batch: U001387

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
11K0171-BLK1	Method Blank	Total	Solid/Soil	SW 8260B	11K0171_P
11K0171-BS1	Lab Control Sample	Total	Solid/Soil	SW 8260B	11K0171_P
WUK0392-01	B-36 0-2'	Total	Solid/Soil	SW 8260B	11K0171_P
WUK0392-02	B-37 0-2'	Total	Solid/Soil	SW 8260B	11K0171_P
WUK0392-03	B-19-11 0-2'	Total	Solid/Soil	SW 8260B	11K0171_P
WUK0392-04	B-19-11 4-6'	Total	Solid/Soil	SW 8260B	11K0171_P
WUK0392-07	B-15-11 0-2'	Total	Solid/Soil	SW 8260B	11K0171_P

Analysis Batch: U001392

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
11K0189-BLK1	Method Blank	Total	Solid/Soil	SW 8260B	11K0189_P
11K0189-BS1	Lab Control Sample	Total	Solid/Soil	SW 8260B	11K0189_P
WUK0392-05 - RE1	B-19-11 8-10'	Total	Solid/Soil	SW 8260B	11K0189_P
WUK0392-06 - RE1	B-38 0-2'	Total	Solid/Soil	SW 8260B	11K0189_P
WUK0392-08 - RE1	B-15-11 4-6'	Total	Solid/Soil	SW 8260B	11K0189_P
WUK0392-09 - RE1	B-15-11 8-10'	Total	Solid/Soil	SW 8260B	11K0189_P
WUK0392-10	B-06-11 0-2'	Total	Solid/Soil	SW 8260B	11K0189_P
WUK0392-11	B-16-11 0-2'	Total	Solid/Soil	SW 8260B	11K0189_P
WUK0392-12	B-18-11 0-2'	Total	Solid/Soil	SW 8260B	11K0189_P
WUK0392-13	B-20-11 0-2'	Total	Solid/Soil	SW 8260B	11K0189_P
WUK0392-14	B-39 0-2'	Total	Solid/Soil	SW 8260B	11K0189_P
WUK0392-15	B-17-11 0-2'	Total	Solid/Soil	SW 8260B	11K0189_P
WUK0392-16	B-01-11 0-2'	Total	Solid/Soil	SW 8260B	11K0189_P
WUK0392-17	B-02-11 0-2'	Total	Solid/Soil	SW 8260B	11K0189_P

Analysis Batch: U001399

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
11K0210-BLK1	Method Blank	Total	Solid/Soil	SW 8260B	11K0210_P
11K0210-BS1	Lab Control Sample	Total	Solid/Soil	SW 8260B	11K0210_P
WUK0392-18	B-40 0-2'	Total	Solid/Soil	SW 8260B	11K0210_P
WUK0392-19	B-03-11 0-2'	Total	Solid/Soil	SW 8260B	11K0210_P
WUK0392-20	B-41 0-2'	Total	Solid/Soil	SW 8260B	11K0210_P
WUK0392-21	B-41 4-6'	Total	Solid/Soil	SW 8260B	11K0210_P
WUK0392-22	B-41 8-10'	Total	Solid/Soil	SW 8260B	11K0210_P
WUK0392-23	B-42 0-2'	Total	Solid/Soil	SW 8260B	11K0210_P
WUK0392-24	B-42 4-6'	Total	Solid/Soil	SW 8260B	11K0210_P
WUK0392-25	B-42 8-10'	Total	Solid/Soil	SW 8260B	11K0210_P
WUK0392-26	B-43 0-2'	Total	Solid/Soil	SW 8260B	11K0210_P
WUK0392-27	B-43 4-6'	Total	Solid/Soil	SW 8260B	11K0210_P
WUK0392-28	B-43 8-10'	Total	Solid/Soil	SW 8260B	11K0210_P
WUK0392-29	B-44 0-2'	Total	Solid/Soil	SW 8260B	11K0210_P
WUK0392-30	B-44 4-6'	Total	Solid/Soil	SW 8260B	11K0210_P

Analysis Batch: U001408

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
11K0247-BLK1	Method Blank	Total	Solid/Soil	SW 8260B	11K0247_P
11K0247-BS1	Lab Control Sample	Total	Solid/Soil	SW 8260B	11K0247_P
WUK0392-19 - RE1	B-03-11 0-2'	Total	Solid/Soil	SW 8260B	11K0247_P
WUK0392-31	B-44 8-10'	Total	Solid/Soil	SW 8260B	11K0247_P
WUK0392-32	TB-3	Total	Solid/Soil	SW 8260B	11K0247_P

QC Association Summary

Client: Tetra Tech GEO
 Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

GCMS Volatiles (Continued)

Prep Batch: 11K0171_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
11K0171-BLK1	Method Blank	Total	Solid/Soil	Default Prep VOC	
11K0171-BS1	Lab Control Sample	Total	Solid/Soil	Default Prep VOC	
WUK0392-01	B-36 0-2'	Total	Solid/Soil	Default Prep VOC	
WUK0392-02	B-37 0-2'	Total	Solid/Soil	Default Prep VOC	
WUK0392-03	B-19-11 0-2'	Total	Solid/Soil	Default Prep VOC	
WUK0392-04	B-19-11 4-6'	Total	Solid/Soil	Default Prep VOC	
WUK0392-07	B-15-11 0-2'	Total	Solid/Soil	Default Prep VOC	

Prep Batch: 11K0189_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
11K0189-BLK1	Method Blank	Total	Solid/Soil	Default Prep VOC	
11K0189-BS1	Lab Control Sample	Total	Solid/Soil	Default Prep VOC	
WUK0392-05 - RE1	B-19-11 8-10'	Total	Solid/Soil	Default Prep VOC	
WUK0392-06 - RE1	B-38 0-2'	Total	Solid/Soil	Default Prep VOC	
WUK0392-08 - RE1	B-15-11 4-6'	Total	Solid/Soil	Default Prep VOC	
WUK0392-09 - RE1	B-15-11 8-10'	Total	Solid/Soil	Default Prep VOC	
WUK0392-10	B-06-11 0-2'	Total	Solid/Soil	Default Prep VOC	
WUK0392-11	B-16-11 0-2'	Total	Solid/Soil	Default Prep VOC	
WUK0392-12	B-18-11 0-2'	Total	Solid/Soil	Default Prep VOC	
WUK0392-13	B-20-11 0-2'	Total	Solid/Soil	Default Prep VOC	
WUK0392-14	B-39 0-2'	Total	Solid/Soil	Default Prep VOC	
WUK0392-15	B-17-11 0-2'	Total	Solid/Soil	Default Prep VOC	
WUK0392-16	B-01-11 0-2'	Total	Solid/Soil	Default Prep VOC	
WUK0392-17	B-02-11 0-2'	Total	Solid/Soil	Default Prep VOC	

Prep Batch: 11K0210_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
11K0210-BLK1	Method Blank	Total	Solid/Soil	Default Prep VOC	
11K0210-BS1	Lab Control Sample	Total	Solid/Soil	Default Prep VOC	
WUK0392-18	B-40 0-2'	Total	Solid/Soil	Default Prep VOC	
WUK0392-19	B-03-11 0-2'	Total	Solid/Soil	Default Prep VOC	
WUK0392-20	B-41 0-2'	Total	Solid/Soil	Default Prep VOC	



QC Association Summary

Client: Tetra Tech GEO
 Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

GCMS Volatiles (Continued)

Prep Batch: 11K0210_P (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
WUK0392-21	B-41 4-6'	Total	Solid/Soil	Default Prep VOC	
WUK0392-22	B-41 8-10'	Total	Solid/Soil	Default Prep VOC	
WUK0392-23	B-42 0-2'	Total	Solid/Soil	Default Prep VOC	
WUK0392-24	B-42 4-6'	Total	Solid/Soil	Default Prep VOC	
WUK0392-25	B-42 8-10'	Total	Solid/Soil	Default Prep VOC	
WUK0392-26	B-43 0-2'	Total	Solid/Soil	Default Prep VOC	
WUK0392-27	B-43 4-6'	Total	Solid/Soil	Default Prep VOC	
WUK0392-28	B-43 8-10'	Total	Solid/Soil	Default Prep VOC	
WUK0392-29	B-44 0-2'	Total	Solid/Soil	Default Prep VOC	
WUK0392-30	B-44 4-6'	Total	Solid/Soil	Default Prep VOC	

Prep Batch: 11K0247_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
11K0247-BLK1	Method Blank	Total	Solid/Soil	Default Prep VOC	
11K0247-BS1	Lab Control Sample	Total	Solid/Soil	Default Prep VOC	
WUK0392-19 - RE1	B-03-11 0-2'	Total	Solid/Soil	Default Prep VOC	
WUK0392-31	B-44 8-10'	Total	Solid/Soil	Default Prep VOC	
WUK0392-32	TB-3	Total	Solid/Soil	Default Prep VOC	

GC/MS Semi VOA

Prep Batch: 133384

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-42116-1 MS	WUK0392-01	Total/NA	Solid	3541	
500-42116-1 MSD	WUK0392-01	Total/NA	Solid	3541	
LCS 500-133384/2-A	Lab Control Sample	Total/NA	Solid	3541	
MB 500-133384/1-A	Method Blank	Total/NA	Solid	3541	
WUK0392-01	B-36 0-2'	Total/NA	Solid/Soil	3541	
WUK0392-02	B-37 0-2'	Total/NA	Solid/Soil	3541	
WUK0392-03	B-19-11 0-2'	Total/NA	Solid/Soil	3541	
WUK0392-03 - DL	B-19-11 0-2'	Total/NA	Solid/Soil	3541	
WUK0392-04	B-19-11 4-6'	Total/NA	Solid/Soil	3541	
WUK0392-05	B-19-11 8-10'	Total/NA	Solid/Soil	3541	
WUK0392-05 - DL	B-19-11 8-10'	Total/NA	Solid/Soil	3541	
WUK0392-06	B-38 0-2'	Total/NA	Solid/Soil	3541	
WUK0392-06 - DL	B-38 0-2'	Total/NA	Solid/Soil	3541	
WUK0392-07	B-15-11 0-2'	Total/NA	Solid/Soil	3541	
WUK0392-08	B-15-11 4-6'	Total/NA	Solid/Soil	3541	
WUK0392-08 - DL	B-15-11 4-6'	Total/NA	Solid/Soil	3541	
WUK0392-09	B-15-11 8-10'	Total/NA	Solid/Soil	3541	
WUK0392-09 - DL	B-15-11 8-10'	Total/NA	Solid/Soil	3541	

QC Association Summary

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

GC/MS Semi VOA (Continued)

Prep Batch: 133384 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
WUK0392-10	B-06-11 0-2'	Total/NA	Solid/Soil	3541	
WUK0392-11	B-16-11 0-2'	Total/NA	Solid/Soil	3541	
WUK0392-11 - DL	B-16-11 0-2'	Total/NA	Solid/Soil	3541	
WUK0392-12	B-18-11 0-2'	Total/NA	Solid/Soil	3541	
WUK0392-12 - DL	B-18-11 0-2'	Total/NA	Solid/Soil	3541	
WUK0392-13	B-20-11 0-2'	Total/NA	Solid/Soil	3541	
WUK0392-13 - DL	B-20-11 0-2'	Total/NA	Solid/Soil	3541	
WUK0392-14	B-39 0-2'	Total/NA	Solid/Soil	3541	
WUK0392-15	B-17-11 0-2'	Total/NA	Solid/Soil	3541	
WUK0392-15 - DL	B-17-11 0-2'	Total/NA	Solid/Soil	3541	
WUK0392-16	B-01-11 0-2'	Total/NA	Solid/Soil	3541	
WUK0392-17	B-02-11 0-2'	Total/NA	Solid/Soil	3541	
WUK0392-17 - DL	B-02-11 0-2'	Total/NA	Solid/Soil	3541	
WUK0392-18	B-40 0-2'	Total/NA	Solid/Soil	3541	
WUK0392-18 - DL	B-40 0-2'	Total/NA	Solid/Soil	3541	
WUK0392-19	B-03-11 0-2'	Total/NA	Solid/Soil	3541	
WUK0392-20	B-41 0-2'	Total/NA	Solid/Soil	3541	

Analysis Batch: 133580

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 500-133384/2-A	Lab Control Sample	Total/NA	Solid	8270C	133384
MB 500-133384/1-A	Method Blank	Total/NA	Solid	8270C	133384
WUK0392-07	B-15-11 0-2'	Total/NA	Solid/Soil	8270C	133384
WUK0392-08	B-15-11 4-6'	Total/NA	Solid/Soil	8270C	133384
WUK0392-09	B-15-11 8-10'	Total/NA	Solid/Soil	8270C	133384
WUK0392-17	B-02-11 0-2'	Total/NA	Solid/Soil	8270C	133384

Analysis Batch: 133583

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
WUK0392-02	B-37 0-2'	Total/NA	Solid/Soil	8270C	133384
WUK0392-04	B-19-11 4-6'	Total/NA	Solid/Soil	8270C	133384
WUK0392-10	B-06-11 0-2'	Total/NA	Solid/Soil	8270C	133384
WUK0392-16	B-01-11 0-2'	Total/NA	Solid/Soil	8270C	133384
WUK0392-20	B-41 0-2'	Total/NA	Solid/Soil	8270C	133384

Prep Batch: 133654

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-42116-22 MS	WUK0392-22	Total/NA	Solid	3541	
500-42116-22 MSD	WUK0392-22	Total/NA	Solid	3541	
LCS 500-133654/2-A	Lab Control Sample	Total/NA	Solid	3541	
MB 500-133654/1-A	Method Blank	Total/NA	Solid	3541	
WUK0392-21	B-41 4-6'	Total/NA	Solid/Soil	3541	
WUK0392-22	B-41 8-10'	Total/NA	Solid/Soil	3541	
WUK0392-23	B-42 0-2'	Total/NA	Solid/Soil	3541	
WUK0392-24	B-42 4-6'	Total/NA	Solid/Soil	3541	
WUK0392-25	B-42 8-10'	Total/NA	Solid/Soil	3541	
WUK0392-26	B-43 0-2'	Total/NA	Solid/Soil	3541	
WUK0392-26 - DL	B-43 0-2'	Total/NA	Solid/Soil	3541	
WUK0392-27	B-43 4-6'	Total/NA	Solid/Soil	3541	
WUK0392-28	B-43 8-10'	Total/NA	Solid/Soil	3541	
WUK0392-29	B-44 0-2'	Total/NA	Solid/Soil	3541	
WUK0392-30	B-44 4-6'	Total/NA	Solid/Soil	3541	

QC Association Summary

Client: Tetra Tech GEO
 Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

GC/MS Semi VOA (Continued)

Prep Batch: 133654 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
WUK0392-31	B-44 8-10'	Total/NA	Solid/Soil	3541	

Analysis Batch: 133706

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-42116-1 MS	WUK0392-01	Total/NA	Solid	8270C	133384
500-42116-1 MSD	WUK0392-01	Total/NA	Solid	8270C	133384
WUK0392-01	B-36 0-2'	Total/NA	Solid/Soil	8270C	133384
WUK0392-03	B-19-11 0-2'	Total/NA	Solid/Soil	8270C	133384
WUK0392-06	B-38 0-2'	Total/NA	Solid/Soil	8270C	133384
WUK0392-08 - DL	B-15-11 4-6'	Total/NA	Solid/Soil	8270C	133384
WUK0392-09 - DL	B-15-11 8-10'	Total/NA	Solid/Soil	8270C	133384
WUK0392-11	B-16-11 0-2'	Total/NA	Solid/Soil	8270C	133384
WUK0392-12	B-18-11 0-2'	Total/NA	Solid/Soil	8270C	133384
WUK0392-13	B-20-11 0-2'	Total/NA	Solid/Soil	8270C	133384
WUK0392-14	B-39 0-2'	Total/NA	Solid/Soil	8270C	133384
WUK0392-15	B-17-11 0-2'	Total/NA	Solid/Soil	8270C	133384
WUK0392-17 - DL	B-02-11 0-2'	Total/NA	Solid/Soil	8270C	133384
WUK0392-18	B-40 0-2'	Total/NA	Solid/Soil	8270C	133384
WUK0392-19	B-03-11 0-2'	Total/NA	Solid/Soil	8270C	133384
WUK0392-21	B-41 4-6'	Total/NA	Solid/Soil	8270C	133654
WUK0392-23	B-42 0-2'	Total/NA	Solid/Soil	8270C	133654
WUK0392-24	B-42 4-6'	Total/NA	Solid/Soil	8270C	133654
WUK0392-25	B-42 8-10'	Total/NA	Solid/Soil	8270C	133654

Analysis Batch: 133709

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-42116-22 MS	WUK0392-22	Total/NA	Solid	8270C	133654
500-42116-22 MSD	WUK0392-22	Total/NA	Solid	8270C	133654
LCS 500-133654/2-A	Lab Control Sample	Total/NA	Solid	8270C	133654
MB 500-133654/1-A	Method Blank	Total/NA	Solid	8270C	133654
WUK0392-22	B-41 8-10'	Total/NA	Solid/Soil	8270C	133654
WUK0392-29	B-44 0-2'	Total/NA	Solid/Soil	8270C	133654
WUK0392-30	B-44 4-6'	Total/NA	Solid/Soil	8270C	133654
WUK0392-31	B-44 8-10'	Total/NA	Solid/Soil	8270C	133654

Analysis Batch: 133825

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
WUK0392-03 - DL	B-19-11 0-2'	Total/NA	Solid/Soil	8270C	133384
WUK0392-05	B-19-11 8-10'	Total/NA	Solid/Soil	8270C	133384
WUK0392-05 - DL	B-19-11 8-10'	Total/NA	Solid/Soil	8270C	133384
WUK0392-06 - DL	B-38 0-2'	Total/NA	Solid/Soil	8270C	133384
WUK0392-11 - DL	B-16-11 0-2'	Total/NA	Solid/Soil	8270C	133384
WUK0392-12 - DL	B-18-11 0-2'	Total/NA	Solid/Soil	8270C	133384
WUK0392-13 - DL	B-20-11 0-2'	Total/NA	Solid/Soil	8270C	133384
WUK0392-15 - DL	B-17-11 0-2'	Total/NA	Solid/Soil	8270C	133384
WUK0392-18 - DL	B-40 0-2'	Total/NA	Solid/Soil	8270C	133384
WUK0392-26	B-43 0-2'	Total/NA	Solid/Soil	8270C	133654
WUK0392-26 - DL	B-43 0-2'	Total/NA	Solid/Soil	8270C	133654
WUK0392-27	B-43 4-6'	Total/NA	Solid/Soil	8270C	133654
WUK0392-28	B-43 8-10'	Total/NA	Solid/Soil	8270C	133654

QC Association Summary

Client: Tetra Tech GEO
 Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

GC Semi VOA

Prep Batch: 133509

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 500-133509/2-A	Lab Control Sample	Total/NA	Solid	3541	
MB 500-133509/1-A	Method Blank	Total/NA	Solid	3541	
WUK0392-01	B-36 0-2'	Total/NA	Solid/Soil	3541	
WUK0392-02	B-37 0-2'	Total/NA	Solid/Soil	3541	
WUK0392-03	B-19-11 0-2'	Total/NA	Solid/Soil	3541	
WUK0392-04	B-19-11 4-6'	Total/NA	Solid/Soil	3541	
WUK0392-05	B-19-11 8-10'	Total/NA	Solid/Soil	3541	
WUK0392-06	B-38 0-2'	Total/NA	Solid/Soil	3541	
WUK0392-07	B-15-11 0-2'	Total/NA	Solid/Soil	3541	
WUK0392-08	B-15-11 4-6'	Total/NA	Solid/Soil	3541	
WUK0392-09	B-15-11 8-10'	Total/NA	Solid/Soil	3541	
WUK0392-10	B-06-11 0-2'	Total/NA	Solid/Soil	3541	
WUK0392-11	B-16-11 0-2'	Total/NA	Solid/Soil	3541	
WUK0392-12	B-18-11 0-2'	Total/NA	Solid/Soil	3541	
WUK0392-13	B-20-11 0-2'	Total/NA	Solid/Soil	3541	
WUK0392-14	B-39 0-2'	Total/NA	Solid/Soil	3541	
WUK0392-15	B-17-11 0-2'	Total/NA	Solid/Soil	3541	
WUK0392-16	B-01-11 0-2'	Total/NA	Solid/Soil	3541	
WUK0392-17	B-02-11 0-2'	Total/NA	Solid/Soil	3541	
WUK0392-18	B-40 0-2'	Total/NA	Solid/Soil	3541	
WUK0392-19	B-03-11 0-2'	Total/NA	Solid/Soil	3541	
WUK0392-20	B-41 0-2'	Total/NA	Solid/Soil	3541	

Prep Batch: 133511

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-42116-31 MS	WUK0392-31	Total/NA	Solid	3541	
500-42116-31 MSD	WUK0392-31	Total/NA	Solid	3541	
LCS 500-133511/2-A	Lab Control Sample	Total/NA	Solid	3541	
MB 500-133511/1-A	Method Blank	Total/NA	Solid	3541	
WUK0392-21	B-41 4-6'	Total/NA	Solid/Soil	3541	
WUK0392-22	B-41 8-10'	Total/NA	Solid/Soil	3541	
WUK0392-23	B-42 0-2'	Total/NA	Solid/Soil	3541	
WUK0392-24	B-42 4-6'	Total/NA	Solid/Soil	3541	
WUK0392-25	B-42 8-10'	Total/NA	Solid/Soil	3541	
WUK0392-26	B-43 0-2'	Total/NA	Solid/Soil	3541	
WUK0392-27	B-43 4-6'	Total/NA	Solid/Soil	3541	
WUK0392-28	B-43 8-10'	Total/NA	Solid/Soil	3541	
WUK0392-29	B-44 0-2'	Total/NA	Solid/Soil	3541	
WUK0392-30	B-44 4-6'	Total/NA	Solid/Soil	3541	
WUK0392-31	B-44 8-10'	Total/NA	Solid/Soil	3541	

Analysis Batch: 133588

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-42116-31 MS	WUK0392-31	Total/NA	Solid	8082	133511
500-42116-31 MSD	WUK0392-31	Total/NA	Solid	8082	133511
LCS 500-133509/2-A	Lab Control Sample	Total/NA	Solid	8082	133509
LCS 500-133511/2-A	Lab Control Sample	Total/NA	Solid	8082	133511
MB 500-133509/1-A	Method Blank	Total/NA	Solid	8082	133509
MB 500-133511/1-A	Method Blank	Total/NA	Solid	8082	133511
WUK0392-01	B-36 0-2'	Total/NA	Solid/Soil	8082	133509
WUK0392-02	B-37 0-2'	Total/NA	Solid/Soil	8082	133509
WUK0392-03	B-19-11 0-2'	Total/NA	Solid/Soil	8082	133509

QC Association Summary

Client: Tetra Tech GEO
 Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

GC Semi VOA (Continued)

Analysis Batch: 133588 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
WUK0392-04	B-19-11 4-6'	Total/NA	Solid/Soil	8082	133509
WUK0392-05	B-19-11 8-10'	Total/NA	Solid/Soil	8082	133509
WUK0392-06	B-38 0-2'	Total/NA	Solid/Soil	8082	133509
WUK0392-07	B-15-11 0-2'	Total/NA	Solid/Soil	8082	133509
WUK0392-08	B-15-11 4-6'	Total/NA	Solid/Soil	8082	133509
WUK0392-09	B-15-11 8-10'	Total/NA	Solid/Soil	8082	133509
WUK0392-10	B-06-11 0-2'	Total/NA	Solid/Soil	8082	133509
WUK0392-11	B-16-11 0-2'	Total/NA	Solid/Soil	8082	133509
WUK0392-12	B-18-11 0-2'	Total/NA	Solid/Soil	8082	133509
WUK0392-13	B-20-11 0-2'	Total/NA	Solid/Soil	8082	133509
WUK0392-14	B-39 0-2'	Total/NA	Solid/Soil	8082	133509
WUK0392-15	B-17-11 0-2'	Total/NA	Solid/Soil	8082	133509
WUK0392-16	B-01-11 0-2'	Total/NA	Solid/Soil	8082	133509
WUK0392-17	B-02-11 0-2'	Total/NA	Solid/Soil	8082	133509
WUK0392-18	B-40 0-2'	Total/NA	Solid/Soil	8082	133509
WUK0392-19	B-03-11 0-2'	Total/NA	Solid/Soil	8082	133509
WUK0392-20	B-41 0-2'	Total/NA	Solid/Soil	8082	133509
WUK0392-21	B-41 4-6'	Total/NA	Solid/Soil	8082	133511
WUK0392-22	B-41 8-10'	Total/NA	Solid/Soil	8082	133511
WUK0392-23	B-42 0-2'	Total/NA	Solid/Soil	8082	133511
WUK0392-24	B-42 4-6'	Total/NA	Solid/Soil	8082	133511
WUK0392-25	B-42 8-10'	Total/NA	Solid/Soil	8082	133511
WUK0392-26	B-43 0-2'	Total/NA	Solid/Soil	8082	133511
WUK0392-27	B-43 4-6'	Total/NA	Solid/Soil	8082	133511
WUK0392-28	B-43 8-10'	Total/NA	Solid/Soil	8082	133511
WUK0392-29	B-44 0-2'	Total/NA	Solid/Soil	8082	133511
WUK0392-30	B-44 4-6'	Total/NA	Solid/Soil	8082	133511
WUK0392-31	B-44 8-10'	Total/NA	Solid/Soil	8082	133511

Metals

Prep Batch: 133381

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 500-133381/2-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 500-133381/1-A	Method Blank	Total/NA	Solid	3050B	
WUK0392-01	B-36 0-2'	Total/NA	Solid/Soil	3050B	
WUK0392-02	B-37 0-2'	Total/NA	Solid/Soil	3050B	
WUK0392-03	B-19-11 0-2'	Total/NA	Solid/Soil	3050B	
WUK0392-04	B-19-11 4-6'	Total/NA	Solid/Soil	3050B	
WUK0392-05	B-19-11 8-10'	Total/NA	Solid/Soil	3050B	
WUK0392-06	B-38 0-2'	Total/NA	Solid/Soil	3050B	
WUK0392-07	B-15-11 0-2'	Total/NA	Solid/Soil	3050B	
WUK0392-08	B-15-11 4-6'	Total/NA	Solid/Soil	3050B	
WUK0392-09	B-15-11 8-10'	Total/NA	Solid/Soil	3050B	
WUK0392-10	B-06-11 0-2'	Total/NA	Solid/Soil	3050B	
WUK0392-11	B-16-11 0-2'	Total/NA	Solid/Soil	3050B	

Prep Batch: 133382

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-42116-27 DU	WUK0392-27	Total/NA	Solid	3050B	
500-42116-27 MS	WUK0392-27	Total/NA	Solid	3050B	
500-42116-27 MSD	WUK0392-27	Total/NA	Solid	3050B	

QC Association Summary

Client: Tetra Tech GEO
 Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Metals (Continued)

Prep Batch: 133382 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 500-133382/2-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 500-133382/1-A	Method Blank	Total/NA	Solid	3050B	
WUK0392-12	B-18-11 0-2'	Total/NA	Solid/Soil	3050B	
WUK0392-13	B-20-11 0-2'	Total/NA	Solid/Soil	3050B	
WUK0392-14	B-39 0-2'	Total/NA	Solid/Soil	3050B	
WUK0392-15	B-17-11 0-2'	Total/NA	Solid/Soil	3050B	
WUK0392-16	B-01-11 0-2'	Total/NA	Solid/Soil	3050B	
WUK0392-17	B-02-11 0-2'	Total/NA	Solid/Soil	3050B	
WUK0392-18	B-40 0-2'	Total/NA	Solid/Soil	3050B	
WUK0392-19	B-03-11 0-2'	Total/NA	Solid/Soil	3050B	
WUK0392-20	B-41 0-2'	Total/NA	Solid/Soil	3050B	
WUK0392-21	B-41 4-6'	Total/NA	Solid/Soil	3050B	
WUK0392-22	B-41 8-10'	Total/NA	Solid/Soil	3050B	
WUK0392-23	B-42 0-2'	Total/NA	Solid/Soil	3050B	
WUK0392-24	B-42 4-6'	Total/NA	Solid/Soil	3050B	
WUK0392-25	B-42 8-10'	Total/NA	Solid/Soil	3050B	
WUK0392-26	B-43 0-2'	Total/NA	Solid/Soil	3050B	
WUK0392-27	B-43 4-6'	Total/NA	Solid/Soil	3050B	
WUK0392-28	B-43 8-10'	Total/NA	Solid/Soil	3050B	
WUK0392-29	B-44 0-2'	Total/NA	Solid/Soil	3050B	
WUK0392-30	B-44 4-6'	Total/NA	Solid/Soil	3050B	
WUK0392-31	B-44 8-10'	Total/NA	Solid/Soil	3050B	

Analysis Batch: 133469

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 500-133381/2-A	Lab Control Sample	Total/NA	Solid	6010B	133381
MB 500-133381/1-A	Method Blank	Total/NA	Solid	6010B	133381
WUK0392-01	B-36 0-2'	Total/NA	Solid/Soil	6010B	133381
WUK0392-02	B-37 0-2'	Total/NA	Solid/Soil	6010B	133381
WUK0392-03	B-19-11 0-2'	Total/NA	Solid/Soil	6010B	133381
WUK0392-04	B-19-11 4-6'	Total/NA	Solid/Soil	6010B	133381
WUK0392-05	B-19-11 8-10'	Total/NA	Solid/Soil	6010B	133381
WUK0392-06	B-38 0-2'	Total/NA	Solid/Soil	6010B	133381
WUK0392-07	B-15-11 0-2'	Total/NA	Solid/Soil	6010B	133381
WUK0392-08	B-15-11 4-6'	Total/NA	Solid/Soil	6010B	133381
WUK0392-09	B-15-11 8-10'	Total/NA	Solid/Soil	6010B	133381
WUK0392-10	B-06-11 0-2'	Total/NA	Solid/Soil	6010B	133381
WUK0392-11	B-16-11 0-2'	Total/NA	Solid/Soil	6010B	133381

Analysis Batch: 133525

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-42116-27 DU	WUK0392-27	Total/NA	Solid	6010B	133382
500-42116-27 MS	WUK0392-27	Total/NA	Solid	6010B	133382
500-42116-27 MSD	WUK0392-27	Total/NA	Solid	6010B	133382
LCS 500-133382/2-A	Lab Control Sample	Total/NA	Solid	6010B	133382
MB 500-133382/1-A	Method Blank	Total/NA	Solid	6010B	133382
WUK0392-12	B-18-11 0-2'	Total/NA	Solid/Soil	6010B	133382
WUK0392-13	B-20-11 0-2'	Total/NA	Solid/Soil	6010B	133382
WUK0392-14	B-39 0-2'	Total/NA	Solid/Soil	6010B	133382
WUK0392-15	B-17-11 0-2'	Total/NA	Solid/Soil	6010B	133382
WUK0392-16	B-01-11 0-2'	Total/NA	Solid/Soil	6010B	133382
WUK0392-17	B-02-11 0-2'	Total/NA	Solid/Soil	6010B	133382



QC Association Summary

Client: Tetra Tech GEO
 Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Metals (Continued)

Analysis Batch: 133525 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
WUK0392-18	B-40 0-2'	Total/NA	Solid/Soil	6010B	133382
WUK0392-19	B-03-11 0-2'	Total/NA	Solid/Soil	6010B	133382
WUK0392-20	B-41 0-2'	Total/NA	Solid/Soil	6010B	133382
WUK0392-21	B-41 4-6'	Total/NA	Solid/Soil	6010B	133382
WUK0392-22	B-41 8-10'	Total/NA	Solid/Soil	6010B	133382
WUK0392-23	B-42 0-2'	Total/NA	Solid/Soil	6010B	133382
WUK0392-24	B-42 4-6'	Total/NA	Solid/Soil	6010B	133382
WUK0392-25	B-42 8-10'	Total/NA	Solid/Soil	6010B	133382
WUK0392-26	B-43 0-2'	Total/NA	Solid/Soil	6010B	133382
WUK0392-27	B-43 4-6'	Total/NA	Solid/Soil	6010B	133382
WUK0392-28	B-43 8-10'	Total/NA	Solid/Soil	6010B	133382
WUK0392-29	B-44 0-2'	Total/NA	Solid/Soil	6010B	133382
WUK0392-30	B-44 4-6'	Total/NA	Solid/Soil	6010B	133382
WUK0392-31	B-44 8-10'	Total/NA	Solid/Soil	6010B	133382

Prep Batch: 133635

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 500-133635/8-A	Lab Control Sample	Total/NA	Solid	7471A	
MB 500-133635/7-A	Method Blank	Total/NA	Solid	7471A	
WUK0392-21	B-41 4-6'	Total/NA	Solid/Soil	7471A	
WUK0392-22	B-41 8-10'	Total/NA	Solid/Soil	7471A	
WUK0392-23	B-42 0-2'	Total/NA	Solid/Soil	7471A	
WUK0392-24	B-42 4-6'	Total/NA	Solid/Soil	7471A	
WUK0392-25	B-42 8-10'	Total/NA	Solid/Soil	7471A	
WUK0392-26	B-43 0-2'	Total/NA	Solid/Soil	7471A	
WUK0392-27	B-43 4-6'	Total/NA	Solid/Soil	7471A	
WUK0392-28	B-43 8-10'	Total/NA	Solid/Soil	7471A	
WUK0392-29	B-44 0-2'	Total/NA	Solid/Soil	7471A	
WUK0392-30	B-44 4-6'	Total/NA	Solid/Soil	7471A	
WUK0392-31	B-44 8-10'	Total/NA	Solid/Soil	7471A	

Prep Batch: 133639

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-42116-1 DU	WUK0392-01	Total/NA	Solid	7471A	
500-42116-1 MS	WUK0392-01	Total/NA	Solid	7471A	
500-42116-1 MSD	WUK0392-01	Total/NA	Solid	7471A	
LCS 500-133639/8-A	Lab Control Sample	Total/NA	Solid	7471A	
MB 500-133639/7-A	Method Blank	Total/NA	Solid	7471A	
WUK0392-01	B-36 0-2'	Total/NA	Solid/Soil	7471A	
WUK0392-02	B-37 0-2'	Total/NA	Solid/Soil	7471A	
WUK0392-03	B-19-11 0-2'	Total/NA	Solid/Soil	7471A	
WUK0392-04	B-19-11 4-6'	Total/NA	Solid/Soil	7471A	
WUK0392-05	B-19-11 8-10'	Total/NA	Solid/Soil	7471A	
WUK0392-06	B-38 0-2'	Total/NA	Solid/Soil	7471A	
WUK0392-07	B-15-11 0-2'	Total/NA	Solid/Soil	7471A	
WUK0392-08	B-15-11 4-6'	Total/NA	Solid/Soil	7471A	
WUK0392-09	B-15-11 8-10'	Total/NA	Solid/Soil	7471A	
WUK0392-10	B-06-11 0-2'	Total/NA	Solid/Soil	7471A	
WUK0392-11	B-16-11 0-2'	Total/NA	Solid/Soil	7471A	
WUK0392-12	B-18-11 0-2'	Total/NA	Solid/Soil	7471A	
WUK0392-13	B-20-11 0-2'	Total/NA	Solid/Soil	7471A	
WUK0392-14	B-39 0-2'	Total/NA	Solid/Soil	7471A	



QC Association Summary

Client: Tetra Tech GEO
 Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Metals (Continued)

Prep Batch: 133639 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
WUK0392-15	B-17-11 0-2'	Total/NA	Solid/Soil	7471A	
WUK0392-16	B-01-11 0-2'	Total/NA	Solid/Soil	7471A	
WUK0392-17	B-02-11 0-2'	Total/NA	Solid/Soil	7471A	
WUK0392-18	B-40 0-2'	Total/NA	Solid/Soil	7471A	
WUK0392-19	B-03-11 0-2'	Total/NA	Solid/Soil	7471A	
WUK0392-20	B-41 0-2'	Total/NA	Solid/Soil	7471A	

Analysis Batch: 133751

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-42116-1 DU	WUK0392-01	Total/NA	Solid	7471A	133639
500-42116-1 MS	WUK0392-01	Total/NA	Solid	7471A	133639
500-42116-1 MSD	WUK0392-01	Total/NA	Solid	7471A	133639
LCS 500-133635/8-A	Lab Control Sample	Total/NA	Solid	7471A	133635
LCS 500-133639/8-A	Lab Control Sample	Total/NA	Solid	7471A	133639
MB 500-133635/7-A	Method Blank	Total/NA	Solid	7471A	133635
MB 500-133639/7-A	Method Blank	Total/NA	Solid	7471A	133639
WUK0392-01	B-36 0-2'	Total/NA	Solid/Soil	7471A	133639
WUK0392-02	B-37 0-2'	Total/NA	Solid/Soil	7471A	133639
WUK0392-03	B-19-11 0-2'	Total/NA	Solid/Soil	7471A	133639
WUK0392-04	B-19-11 4-6'	Total/NA	Solid/Soil	7471A	133639
WUK0392-05	B-19-11 8-10'	Total/NA	Solid/Soil	7471A	133639
WUK0392-06	B-38 0-2'	Total/NA	Solid/Soil	7471A	133639
WUK0392-07	B-15-11 0-2'	Total/NA	Solid/Soil	7471A	133639
WUK0392-08	B-15-11 4-6'	Total/NA	Solid/Soil	7471A	133639
WUK0392-09	B-15-11 8-10'	Total/NA	Solid/Soil	7471A	133639
WUK0392-10	B-06-11 0-2'	Total/NA	Solid/Soil	7471A	133639
WUK0392-11	B-16-11 0-2'	Total/NA	Solid/Soil	7471A	133639
WUK0392-12	B-18-11 0-2'	Total/NA	Solid/Soil	7471A	133639
WUK0392-13	B-20-11 0-2'	Total/NA	Solid/Soil	7471A	133639
WUK0392-14	B-39 0-2'	Total/NA	Solid/Soil	7471A	133639
WUK0392-15	B-17-11 0-2'	Total/NA	Solid/Soil	7471A	133639
WUK0392-16	B-01-11 0-2'	Total/NA	Solid/Soil	7471A	133639
WUK0392-17	B-02-11 0-2'	Total/NA	Solid/Soil	7471A	133639
WUK0392-18	B-40 0-2'	Total/NA	Solid/Soil	7471A	133639
WUK0392-19	B-03-11 0-2'	Total/NA	Solid/Soil	7471A	133639
WUK0392-20	B-41 0-2'	Total/NA	Solid/Soil	7471A	133639
WUK0392-21	B-41 4-6'	Total/NA	Solid/Soil	7471A	133635
WUK0392-22	B-41 8-10'	Total/NA	Solid/Soil	7471A	133635
WUK0392-23	B-42 0-2'	Total/NA	Solid/Soil	7471A	133635
WUK0392-24	B-42 4-6'	Total/NA	Solid/Soil	7471A	133635
WUK0392-25	B-42 8-10'	Total/NA	Solid/Soil	7471A	133635
WUK0392-26	B-43 0-2'	Total/NA	Solid/Soil	7471A	133635
WUK0392-27	B-43 4-6'	Total/NA	Solid/Soil	7471A	133635
WUK0392-28	B-43 8-10'	Total/NA	Solid/Soil	7471A	133635
WUK0392-29	B-44 0-2'	Total/NA	Solid/Soil	7471A	133635
WUK0392-30	B-44 4-6'	Total/NA	Solid/Soil	7471A	133635
WUK0392-31	B-44 8-10'	Total/NA	Solid/Soil	7471A	133635

QC Association Summary

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

General Chemistry

Analysis Batch: 132505

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
WUK0392-01	B-36 0-2'	Total/NA	Solid/Soil	Moisture	
WUK0392-02	B-37 0-2'	Total/NA	Solid/Soil	Moisture	
WUK0392-03	B-19-11 0-2'	Total/NA	Solid/Soil	Moisture	
WUK0392-04	B-19-11 4-6'	Total/NA	Solid/Soil	Moisture	
WUK0392-05	B-19-11 8-10'	Total/NA	Solid/Soil	Moisture	
WUK0392-06	B-38 0-2'	Total/NA	Solid/Soil	Moisture	
WUK0392-07	B-15-11 0-2'	Total/NA	Solid/Soil	Moisture	
WUK0392-08	B-15-11 4-6'	Total/NA	Solid/Soil	Moisture	
WUK0392-09	B-15-11 8-10'	Total/NA	Solid/Soil	Moisture	
WUK0392-10	B-06-11 0-2'	Total/NA	Solid/Soil	Moisture	
WUK0392-11	B-16-11 0-2'	Total/NA	Solid/Soil	Moisture	
WUK0392-12	B-18-11 0-2'	Total/NA	Solid/Soil	Moisture	
WUK0392-13	B-20-11 0-2'	Total/NA	Solid/Soil	Moisture	
WUK0392-14	B-39 0-2'	Total/NA	Solid/Soil	Moisture	
WUK0392-15	B-17-11 0-2'	Total/NA	Solid/Soil	Moisture	
WUK0392-16	B-01-11 0-2'	Total/NA	Solid/Soil	Moisture	

Analysis Batch: 132513

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
WUK0392-17	B-02-11 0-2'	Total/NA	Solid/Soil	Moisture	
WUK0392-18	B-40 0-2'	Total/NA	Solid/Soil	Moisture	
WUK0392-19	B-03-11 0-2'	Total/NA	Solid/Soil	Moisture	
WUK0392-20	B-41 0-2'	Total/NA	Solid/Soil	Moisture	
WUK0392-21	B-41 4-6'	Total/NA	Solid/Soil	Moisture	
WUK0392-22	B-41 8-10'	Total/NA	Solid/Soil	Moisture	
WUK0392-23	B-42 0-2'	Total/NA	Solid/Soil	Moisture	
WUK0392-24	B-42 4-6'	Total/NA	Solid/Soil	Moisture	
WUK0392-25	B-42 8-10'	Total/NA	Solid/Soil	Moisture	
WUK0392-26	B-43 0-2'	Total/NA	Solid/Soil	Moisture	
WUK0392-27	B-43 4-6'	Total/NA	Solid/Soil	Moisture	
WUK0392-28	B-43 8-10'	Total/NA	Solid/Soil	Moisture	
WUK0392-29	B-44 0-2'	Total/NA	Solid/Soil	Moisture	
WUK0392-30	B-44 4-6'	Total/NA	Solid/Soil	Moisture	
WUK0392-31	B-44 8-10'	Total/NA	Solid/Soil	Moisture	

WetChem

Analysis Batch: 11K0311

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
WUK0392-01	B-36 0-2'	Total	Solid/Soil	SM 2540G	11K0311_P
WUK0392-02	B-37 0-2'	Total	Solid/Soil	SM 2540G	11K0311_P
WUK0392-03	B-19-11 0-2'	Total	Solid/Soil	SM 2540G	11K0311_P
WUK0392-04	B-19-11 4-6'	Total	Solid/Soil	SM 2540G	11K0311_P
WUK0392-05	B-19-11 8-10'	Total	Solid/Soil	SM 2540G	11K0311_P
WUK0392-06	B-38 0-2'	Total	Solid/Soil	SM 2540G	11K0311_P
WUK0392-07	B-15-11 0-2'	Total	Solid/Soil	SM 2540G	11K0311_P
WUK0392-08	B-15-11 4-6'	Total	Solid/Soil	SM 2540G	11K0311_P
WUK0392-09	B-15-11 8-10'	Total	Solid/Soil	SM 2540G	11K0311_P
WUK0392-10	B-06-11 0-2'	Total	Solid/Soil	SM 2540G	11K0311_P
WUK0392-11	B-16-11 0-2'	Total	Solid/Soil	SM 2540G	11K0311_P
WUK0392-12	B-18-11 0-2'	Total	Solid/Soil	SM 2540G	11K0311_P
WUK0392-13	B-20-11 0-2'	Total	Solid/Soil	SM 2540G	11K0311_P

QC Association Summary

Client: Tetra Tech GEO
 Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

WetChem (Continued)

Analysis Batch: 11K0311 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
WUK0392-14	B-39 0-2'	Total	Solid/Soil	SM 2540G	11K0311_P
WUK0392-15	B-17-11 0-2'	Total	Solid/Soil	SM 2540G	11K0311_P
WUK0392-16	B-01-11 0-2'	Total	Solid/Soil	SM 2540G	11K0311_P
WUK0392-17	B-02-11 0-2'	Total	Solid/Soil	SM 2540G	11K0311_P
WUK0392-18	B-40 0-2'	Total	Solid/Soil	SM 2540G	11K0311_P
WUK0392-19	B-03-11 0-2'	Total	Solid/Soil	SM 2540G	11K0311_P
WUK0392-20	B-41 0-2'	Total	Solid/Soil	SM 2540G	11K0311_P
WUK0392-21	B-41 4-6'	Total	Solid/Soil	SM 2540G	11K0311_P
WUK0392-22	B-41 8-10'	Total	Solid/Soil	SM 2540G	11K0311_P
WUK0392-23	B-42 0-2'	Total	Solid/Soil	SM 2540G	11K0311_P
WUK0392-24	B-42 4-6'	Total	Solid/Soil	SM 2540G	11K0311_P
WUK0392-25	B-42 8-10'	Total	Solid/Soil	SM 2540G	11K0311_P
WUK0392-26	B-43 0-2'	Total	Solid/Soil	SM 2540G	11K0311_P
WUK0392-27	B-43 4-6'	Total	Solid/Soil	SM 2540G	11K0311_P
WUK0392-28	B-43 8-10'	Total	Solid/Soil	SM 2540G	11K0311_P
WUK0392-29	B-44 0-2'	Total	Solid/Soil	SM 2540G	11K0311_P
WUK0392-30	B-44 4-6'	Total	Solid/Soil	SM 2540G	11K0311_P
WUK0392-31	B-44 8-10'	Total	Solid/Soil	SM 2540G	11K0311_P

Prep Batch: 11K0311_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
WUK0392-01	B-36 0-2'	Total	Solid/Soil	% Solids	
WUK0392-02	B-37 0-2'	Total	Solid/Soil	% Solids	
WUK0392-03	B-19-11 0-2'	Total	Solid/Soil	% Solids	
WUK0392-04	B-19-11 4-6'	Total	Solid/Soil	% Solids	
WUK0392-05	B-19-11 8-10'	Total	Solid/Soil	% Solids	
WUK0392-06	B-38 0-2'	Total	Solid/Soil	% Solids	
WUK0392-07	B-15-11 0-2'	Total	Solid/Soil	% Solids	
WUK0392-08	B-15-11 4-6'	Total	Solid/Soil	% Solids	
WUK0392-09	B-15-11 8-10'	Total	Solid/Soil	% Solids	
WUK0392-10	B-06-11 0-2'	Total	Solid/Soil	% Solids	
WUK0392-11	B-16-11 0-2'	Total	Solid/Soil	% Solids	
WUK0392-12	B-18-11 0-2'	Total	Solid/Soil	% Solids	
WUK0392-13	B-20-11 0-2'	Total	Solid/Soil	% Solids	
WUK0392-14	B-39 0-2'	Total	Solid/Soil	% Solids	
WUK0392-15	B-17-11 0-2'	Total	Solid/Soil	% Solids	
WUK0392-16	B-01-11 0-2'	Total	Solid/Soil	% Solids	
WUK0392-17	B-02-11 0-2'	Total	Solid/Soil	% Solids	
WUK0392-18	B-40 0-2'	Total	Solid/Soil	% Solids	
WUK0392-19	B-03-11 0-2'	Total	Solid/Soil	% Solids	
WUK0392-20	B-41 0-2'	Total	Solid/Soil	% Solids	
WUK0392-21	B-41 4-6'	Total	Solid/Soil	% Solids	
WUK0392-22	B-41 8-10'	Total	Solid/Soil	% Solids	
WUK0392-23	B-42 0-2'	Total	Solid/Soil	% Solids	
WUK0392-24	B-42 4-6'	Total	Solid/Soil	% Solids	
WUK0392-25	B-42 8-10'	Total	Solid/Soil	% Solids	
WUK0392-26	B-43 0-2'	Total	Solid/Soil	% Solids	
WUK0392-27	B-43 4-6'	Total	Solid/Soil	% Solids	
WUK0392-28	B-43 8-10'	Total	Solid/Soil	% Solids	
WUK0392-29	B-44 0-2'	Total	Solid/Soil	% Solids	
WUK0392-30	B-44 4-6'	Total	Solid/Soil	% Solids	
WUK0392-31	B-44 8-10'	Total	Solid/Soil	% Solids	

Lab Chronicle

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-36 0-2'

Lab Sample ID: WUK0392-01

Date Collected: 11/10/11 09:00

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 91.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	Default Prep VOC		1.0	11K0171_P	11/15/11 11:55	ABA	TAL WT
Total	Analysis	SW 8260B		1.0	U001387	11/15/11 17:45	ABA	TAL WT
Total/NA	Prep	3541			133384	11/20/11 21:23	DEA	TAL CHI
Total/NA	Analysis	8270C		1	133706	11/23/11 18:37	GES	TAL CHI
Total/NA	Prep	3541			133509	11/21/11 19:46	DEA	TAL CHI
Total/NA	Analysis	8082		20	133588	11/23/11 09:41	GMO	TAL CHI
Total/NA	Prep	3050B			133381	11/20/11 15:25	LAH	TAL CHI
Total/NA	Analysis	6010B		1	133469	11/21/11 13:02	TDS	TAL CHI
Total/NA	Prep	7471A			133639	11/23/11 08:15	CMV	TAL CHI
Total/NA	Analysis	7471A		1	133751	11/23/11 11:00	MBG	TAL CHI
Total/NA	Analysis	Moisture		1	132505	11/12/11 16:10	CMV	TAL CHI
Total	Prep	% Solids		1.0	11K0311_P	11/12/11 07:16	BDD	TAL WT
Total	Analysis	SM 2540G		1.0	11K0311	11/29/11 07:18	BDD	TAL WT

Client Sample ID: B-37 0-2'

Lab Sample ID: WUK0392-02

Date Collected: 11/10/11 09:10

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 79.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	Default Prep VOC		1.0	11K0171_P	11/15/11 11:55	ABA	TAL WT
Total	Analysis	SW 8260B		1.0	U001387	11/15/11 18:13	ABA	TAL WT
Total/NA	Prep	3541			133384	11/20/11 21:23	DEA	TAL CHI
Total/NA	Analysis	8270C		1	133583	11/22/11 23:21	DA	TAL CHI
Total/NA	Prep	3541			133509	11/21/11 19:46	DEA	TAL CHI
Total/NA	Analysis	8082		1	133588	11/23/11 03:47	GMO	TAL CHI
Total/NA	Prep	3050B			133381	11/20/11 15:25	LAH	TAL CHI
Total/NA	Analysis	6010B		1	133469	11/21/11 13:08	TDS	TAL CHI
Total/NA	Prep	7471A			133639	11/23/11 08:15	CMV	TAL CHI
Total/NA	Analysis	7471A		1	133751	11/23/11 11:07	MBG	TAL CHI
Total/NA	Analysis	Moisture		1	132505	11/12/11 16:10	CMV	TAL CHI
Total	Prep	% Solids		1.0	11K0311_P	11/12/11 07:16	BDD	TAL WT
Total	Analysis	SM 2540G		1.0	11K0311	11/29/11 07:18	BDD	TAL WT

Client Sample ID: B-19-11 0-2'

Lab Sample ID: WUK0392-03

Date Collected: 11/10/11 09:30

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 82.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	Default Prep VOC		1.0	11K0171_P	11/15/11 11:55	ABA	TAL WT
Total	Analysis	SW 8260B		1.0	U001387	11/15/11 18:42	ABA	TAL WT
Total/NA	Prep	3541			133384	11/20/11 21:23	DEA	TAL CHI
Total/NA	Analysis	8270C		1	133706	11/23/11 18:59	GES	TAL CHI
Total/NA	Prep	3541	DL		133384	11/20/11 21:23	DEA	TAL CHI
Total/NA	Analysis	8270C	DL	10	133825	11/26/11 23:41	JB	TAL CHI

Lab Chronicle

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-19-11 0-2'

Lab Sample ID: WUK0392-03

Date Collected: 11/10/11 09:30

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 82.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			133509	11/21/11 19:46	DEA	TAL CHI
Total/NA	Analysis	8082		1	133588	11/23/11 04:29	GMO	TAL CHI
Total/NA	Prep	3050B			133381	11/20/11 15:25	LAH	TAL CHI
Total/NA	Analysis	6010B		1	133469	11/21/11 13:14	TDS	TAL CHI
Total/NA	Prep	7471A			133639	11/23/11 08:15	CMV	TAL CHI
Total/NA	Analysis	7471A		1	133751	11/23/11 11:23	MBG	TAL CHI
Total/NA	Analysis	Moisture		1	132505	11/12/11 16:10	CMV	TAL CHI
Total	Prep	% Solids		1.0	11K0311_P	11/12/11 07:16	BDD	TAL WT
Total	Analysis	SM 2540G		1.0	11K0311	11/29/11 07:18	BDD	TAL WT

Client Sample ID: B-19-11 4-6'

Lab Sample ID: WUK0392-04

Date Collected: 11/10/11 09:40

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 89

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	Default Prep VOC		1.0	11K0171_P	11/15/11 11:55	ABA	TAL WT
Total	Analysis	SW 8260B		1.0	U001387	11/15/11 19:10	ABA	TAL WT
Total/NA	Prep	3541			133384	11/20/11 21:23	DEA	TAL CHI
Total/NA	Analysis	8270C		1	133583	11/22/11 22:58	DA	TAL CHI
Total/NA	Prep	3541			133509	11/21/11 19:46	DEA	TAL CHI
Total/NA	Analysis	8082		1	133588	11/23/11 04:43	GMO	TAL CHI
Total/NA	Prep	3050B			133381	11/20/11 15:25	LAH	TAL CHI
Total/NA	Analysis	6010B		1	133469	11/21/11 13:22	TDS	TAL CHI
Total/NA	Prep	7471A			133639	11/23/11 08:15	CMV	TAL CHI
Total/NA	Analysis	7471A		1	133751	11/23/11 11:24	MBG	TAL CHI
Total/NA	Analysis	Moisture		1	132505	11/12/11 16:10	CMV	TAL CHI
Total	Prep	% Solids		1.0	11K0311_P	11/12/11 07:16	BDD	TAL WT
Total	Analysis	SM 2540G		1.0	11K0311	11/29/11 07:18	BDD	TAL WT

Client Sample ID: B-19-11 8-10'

Lab Sample ID: WUK0392-05

Date Collected: 11/10/11 09:45

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 78.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	Default Prep VOC	RE1	1.0	11K0189_P	11/16/11 12:47	ABA	TAL WT
Total	Analysis	SW 8260B	RE1	100	U001392	11/16/11 21:01	ABA	TAL WT
Total/NA	Prep	3541			133384	11/20/11 21:23	DEA	TAL CHI
Total/NA	Analysis	8270C		50	133825	11/27/11 00:03	JB	TAL CHI
Total/NA	Prep	3541	DL		133384	11/20/11 21:23	DEA	TAL CHI
Total/NA	Analysis	8270C	DL	500	133825	11/27/11 00:23	JB	TAL CHI
Total/NA	Prep	3541			133509	11/21/11 19:46	DEA	TAL CHI
Total/NA	Analysis	8082		1	133588	11/23/11 04:58	GMO	TAL CHI
Total/NA	Prep	3050B			133381	11/20/11 15:25	LAH	TAL CHI
Total/NA	Analysis	6010B		1	133469	11/21/11 13:28	TDS	TAL CHI

Lab Chronicle

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-19-11 8-10'

Lab Sample ID: WUK0392-05

Date Collected: 11/10/11 09:45

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 78.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			133639	11/23/11 08:15	CMV	TAL CHI
Total/NA	Analysis	7471A		5	133751	11/23/11 13:18	MBG	TAL CHI
Total/NA	Analysis	Moisture		1	132505	11/12/11 16:10	CMV	TAL CHI
Total	Prep	% Solids		1.0	11K0311_P	11/12/11 07:16	BDD	TAL WT
Total	Analysis	SM 2540G		1.0	11K0311	11/29/11 07:18	BDD	TAL WT

Client Sample ID: B-38 0-2'

Lab Sample ID: WUK0392-06

Date Collected: 11/10/11 09:50

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 89.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	Default Prep VOC	RE1	1.0	11K0189_P	11/16/11 12:47	ABA	TAL WT
Total	Analysis	SW 8260B	RE1	1.0	U001392	11/16/11 14:40	ABA	TAL WT
Total/NA	Prep	3541			133384	11/20/11 21:23	DEA	TAL CHI
Total/NA	Analysis	8270C		10	133706	11/23/11 19:42	GES	TAL CHI
Total/NA	Prep	3541	DL		133384	11/20/11 21:23	DEA	TAL CHI
Total/NA	Analysis	8270C	DL	250	133825	11/27/11 00:45	JB	TAL CHI
Total/NA	Prep	3541			133509	11/21/11 19:46	DEA	TAL CHI
Total/NA	Analysis	8082		1	133588	11/23/11 05:12	GMO	TAL CHI
Total/NA	Prep	3050B			133381	11/20/11 15:25	LAH	TAL CHI
Total/NA	Analysis	6010B		1	133469	11/21/11 13:49	TDS	TAL CHI
Total/NA	Prep	7471A			133639	11/23/11 08:15	CMV	TAL CHI
Total/NA	Analysis	7471A		1	133751	11/23/11 11:28	MBG	TAL CHI
Total/NA	Analysis	Moisture		1	132505	11/12/11 16:10	CMV	TAL CHI
Total	Prep	% Solids		1.0	11K0311_P	11/12/11 07:16	BDD	TAL WT
Total	Analysis	SM 2540G		1.0	11K0311	11/29/11 07:18	BDD	TAL WT

Client Sample ID: B-15-11 0-2'

Lab Sample ID: WUK0392-07

Date Collected: 11/10/11 10:00

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 87

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	Default Prep VOC		1.0	11K0171_P	11/15/11 11:55	ABA	TAL WT
Total	Analysis	SW 8260B		1.0	U001387	11/15/11 19:39	ABA	TAL WT
Total/NA	Prep	3541			133384	11/20/11 21:23	DEA	TAL CHI
Total/NA	Analysis	8270C		1	133580	11/22/11 22:53	JB	TAL CHI
Total/NA	Prep	3541			133509	11/21/11 19:46	DEA	TAL CHI
Total/NA	Analysis	8082		10	133588	11/23/11 09:55	GMO	TAL CHI
Total/NA	Prep	3050B			133381	11/20/11 15:25	LAH	TAL CHI
Total/NA	Analysis	6010B		1	133469	11/21/11 13:55	TDS	TAL CHI
Total/NA	Prep	7471A			133639	11/23/11 08:15	CMV	TAL CHI
Total/NA	Analysis	7471A		1	133751	11/23/11 11:30	MBG	TAL CHI
Total/NA	Analysis	Moisture		1	132505	11/12/11 16:10	CMV	TAL CHI
Total	Prep	% Solids		1.0	11K0311_P	11/12/11 07:16	BDD	TAL WT

Lab Chronicle

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-15-11 0-2'

Lab Sample ID: WUK0392-07

Date Collected: 11/10/11 10:00

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 87

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Analysis	SM 2540G		1.0	11K0311	11/29/11 07:18	BDD	TAL WT

Client Sample ID: B-15-11 4-6'

Lab Sample ID: WUK0392-08

Date Collected: 11/10/11 10:05

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 83

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	Default Prep VOC	RE1	1.0	11K0189_P	11/16/11 12:47	ABA	TAL WT
Total	Analysis	SW 8260B	RE1	2.0	U001392	11/16/11 19:39	ABA	TAL WT
Total/NA	Prep	3541			133384	11/20/11 21:23	DEA	TAL CHI
Total/NA	Analysis	8270C		50	133580	11/22/11 23:14	JB	TAL CHI
Total/NA	Prep	3541	DL		133384	11/20/11 21:23	DEA	TAL CHI
Total/NA	Analysis	8270C	DL	250	133706	11/23/11 15:00	GES	TAL CHI
Total/NA	Prep	3541			133509	11/21/11 19:46	DEA	TAL CHI
Total/NA	Analysis	8082		1	133588	11/23/11 06:08	GMO	TAL CHI
Total/NA	Prep	3050B			133381	11/20/11 15:25	LAH	TAL CHI
Total/NA	Analysis	6010B		1	133469	11/21/11 14:02	TDS	TAL CHI
Total/NA	Prep	7471A			133639	11/23/11 08:15	CMV	TAL CHI
Total/NA	Analysis	7471A		1	133751	11/23/11 11:32	MBG	TAL CHI
Total/NA	Analysis	Moisture		1	132505	11/12/11 16:10	CMV	TAL CHI
Total	Prep	% Solids		1.0	11K0311_P	11/12/11 07:16	BDD	TAL WT
Total	Analysis	SM 2540G		1.0	11K0311	11/29/11 07:18	BDD	TAL WT

Client Sample ID: B-15-11 8-10'

Lab Sample ID: WUK0392-09

Date Collected: 11/10/11 10:10

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 80.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	Default Prep VOC	RE1	1.0	11K0189_P	11/16/11 12:47	ABA	TAL WT
Total	Analysis	SW 8260B	RE1	4.0	U001392	11/16/11 20:07	ABA	TAL WT
Total/NA	Prep	3541			133384	11/20/11 21:23	DEA	TAL CHI
Total/NA	Analysis	8270C		50	133580	11/22/11 23:36	JB	TAL CHI
Total/NA	Prep	3541	DL		133384	11/20/11 21:23	DEA	TAL CHI
Total/NA	Analysis	8270C	DL	500	133706	11/23/11 15:22	GES	TAL CHI
Total/NA	Prep	3541			133509	11/21/11 19:46	DEA	TAL CHI
Total/NA	Analysis	8082		1	133588	11/23/11 06:23	GMO	TAL CHI
Total/NA	Prep	3050B			133381	11/20/11 15:25	LAH	TAL CHI
Total/NA	Analysis	6010B		1	133469	11/21/11 14:08	TDS	TAL CHI
Total/NA	Prep	7471A			133639	11/23/11 08:15	CMV	TAL CHI
Total/NA	Analysis	7471A		5	133751	11/23/11 13:20	MBG	TAL CHI
Total/NA	Analysis	Moisture		1	132505	11/12/11 16:10	CMV	TAL CHI
Total	Prep	% Solids		1.0	11K0311_P	11/12/11 07:16	BDD	TAL WT
Total	Analysis	SM 2540G		1.0	11K0311	11/29/11 07:18	BDD	TAL WT

Lab Chronicle

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-06-11 0-2'

Lab Sample ID: WUK0392-10

Date Collected: 11/10/11 09:20

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 85.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	Default Prep VOC		1.0	11K0189_P	11/16/11 12:47	ABA	TAL WT
Total	Analysis	SW 8260B		1.0	U001392	11/16/11 16:02	ABA	TAL WT
Total/NA	Prep	3541			133384	11/20/11 21:23	DEA	TAL CHI
Total/NA	Analysis	8270C		1	133583	11/22/11 23:43	DA	TAL CHI
Total/NA	Prep	3541			133509	11/21/11 19:46	DEA	TAL CHI
Total/NA	Analysis	8082		100	133588	11/23/11 11:34	GMO	TAL CHI
Total/NA	Prep	3050B			133381	11/20/11 15:25	LAH	TAL CHI
Total/NA	Analysis	6010B		1	133469	11/21/11 14:14	TDS	TAL CHI
Total/NA	Prep	7471A			133639	11/23/11 08:15	CMV	TAL CHI
Total/NA	Analysis	7471A		1	133751	11/23/11 11:35	MBG	TAL CHI
Total/NA	Analysis	Moisture		1	132505	11/12/11 16:10	CMV	TAL CHI
Total	Prep	% Solids		1.0	11K0311_P	11/12/11 07:16	BDD	TAL WT
Total	Analysis	SM 2540G		1.0	11K0311	11/29/11 07:18	BDD	TAL WT

Client Sample ID: B-16-11 0-2'

Lab Sample ID: WUK0392-11

Date Collected: 11/10/11 10:25

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 89.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	Default Prep VOC		1.0	11K0189_P	11/16/11 12:47	ABA	TAL WT
Total	Analysis	SW 8260B		1.0	U001392	11/16/11 16:29	ABA	TAL WT
Total/NA	Prep	3541			133384	11/20/11 21:23	DEA	TAL CHI
Total/NA	Analysis	8270C		1	133706	11/23/11 20:04	GES	TAL CHI
Total/NA	Prep	3541	DL		133384	11/20/11 21:23	DEA	TAL CHI
Total/NA	Analysis	8270C	DL	50	133825	11/27/11 01:06	JB	TAL CHI
Total/NA	Prep	3541			133509	11/21/11 19:46	DEA	TAL CHI
Total/NA	Analysis	8082		10	133588	11/23/11 10:23	GMO	TAL CHI
Total/NA	Prep	3050B			133381	11/20/11 15:25	LAH	TAL CHI
Total/NA	Analysis	6010B		1	133469	11/21/11 14:20	TDS	TAL CHI
Total/NA	Prep	7471A			133639	11/23/11 08:15	CMV	TAL CHI
Total/NA	Analysis	7471A		1	133751	11/23/11 11:37	MBG	TAL CHI
Total/NA	Analysis	Moisture		1	132505	11/12/11 16:10	CMV	TAL CHI
Total	Prep	% Solids		1.0	11K0311_P	11/12/11 07:16	BDD	TAL WT
Total	Analysis	SM 2540G		1.0	11K0311	11/29/11 07:18	BDD	TAL WT

Client Sample ID: B-18-11 0-2'

Lab Sample ID: WUK0392-12

Date Collected: 11/10/11 10:35

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 84.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	Default Prep VOC		1.0	11K0189_P	11/16/11 12:47	ABA	TAL WT
Total	Analysis	SW 8260B		1.0	U001392	11/16/11 16:56	ABA	TAL WT
Total/NA	Prep	3541			133384	11/20/11 21:23	DEA	TAL CHI
Total/NA	Analysis	8270C		1	133706	11/23/11 20:25	GES	TAL CHI

Lab Chronicle

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-18-11 0-2'

Lab Sample ID: WUK0392-12

Date Collected: 11/10/11 10:35

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 84.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541	DL		133384	11/20/11 21:23	DEA	TAL CHI
Total/NA	Analysis	8270C	DL	50	133825	11/27/11 01:26	JB	TAL CHI
Total/NA	Prep	3541			133509	11/21/11 19:46	DEA	TAL CHI
Total/NA	Analysis	8082		1	133588	11/23/11 07:05	GMO	TAL CHI
Total/NA	Prep	3050B			133382	11/20/11 15:48	LAH	TAL CHI
Total/NA	Analysis	6010B		1	133525	11/21/11 17:52	TDS	TAL CHI
Total/NA	Prep	7471A			133639	11/23/11 08:15	CMV	TAL CHI
Total/NA	Analysis	7471A		1	133751	11/23/11 11:39	MBG	TAL CHI
Total/NA	Analysis	Moisture		1	132505	11/12/11 16:10	CMV	TAL CHI
Total	Prep	% Solids		1.0	11K0311_P	11/12/11 07:16	BDD	TAL WT
Total	Analysis	SM 2540G		1.0	11K0311	11/29/11 07:18	BDD	TAL WT

Client Sample ID: B-20-11 0-2'

Lab Sample ID: WUK0392-13

Date Collected: 11/10/11 10:45

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 86

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	Default Prep VOC		1.0	11K0189_P	11/16/11 12:47	ABA	TAL WT
Total	Analysis	SW 8260B		1.0	U001392	11/16/11 17:23	ABA	TAL WT
Total/NA	Prep	3541			133384	11/20/11 21:23	DEA	TAL CHI
Total/NA	Analysis	8270C		1	133706	11/23/11 20:47	GES	TAL CHI
Total/NA	Prep	3541	DL		133384	11/20/11 21:23	DEA	TAL CHI
Total/NA	Analysis	8270C	DL	25	133825	11/27/11 01:48	JB	TAL CHI
Total/NA	Prep	3541			133509	11/21/11 19:46	DEA	TAL CHI
Total/NA	Analysis	8082		1	133588	11/23/11 07:19	GMO	TAL CHI
Total/NA	Prep	3050B			133382	11/20/11 15:48	LAH	TAL CHI
Total/NA	Analysis	6010B		1	133525	11/21/11 17:59	TDS	TAL CHI
Total/NA	Prep	7471A			133639	11/23/11 08:15	CMV	TAL CHI
Total/NA	Analysis	7471A		1	133751	11/23/11 11:45	MBG	TAL CHI
Total/NA	Analysis	Moisture		1	132505	11/12/11 16:10	CMV	TAL CHI
Total	Prep	% Solids		1.0	11K0311_P	11/12/11 07:16	BDD	TAL WT
Total	Analysis	SM 2540G		1.0	11K0311	11/29/11 07:18	BDD	TAL WT

Client Sample ID: B-39 0-2'

Lab Sample ID: WUK0392-14

Date Collected: 11/10/11 10:50

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 85.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	Default Prep VOC		1.0	11K0189_P	11/16/11 12:47	ABA	TAL WT
Total	Analysis	SW 8260B		1.0	U001392	11/16/11 17:50	ABA	TAL WT
Total/NA	Prep	3541			133384	11/20/11 21:23	DEA	TAL CHI
Total/NA	Analysis	8270C		1	133706	11/23/11 21:09	GES	TAL CHI
Total/NA	Prep	3541			133509	11/21/11 19:46	DEA	TAL CHI
Total/NA	Analysis	8082		1	133588	11/23/11 07:34	GMO	TAL CHI

Lab Chronicle

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-39 0-2'

Lab Sample ID: WUK0392-14

Date Collected: 11/10/11 10:50

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 85.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			133382	11/20/11 15:48	LAH	TAL CHI
Total/NA	Analysis	6010B		1	133525	11/21/11 18:05	TDS	TAL CHI
Total/NA	Prep	7471A			133639	11/23/11 08:15	CMV	TAL CHI
Total/NA	Analysis	7471A		1	133751	11/23/11 11:47	MBG	TAL CHI
Total/NA	Analysis	Moisture		1	132505	11/12/11 16:10	CMV	TAL CHI
Total	Prep	% Solids		1.0	11K0311_P	11/12/11 07:16	BDD	TAL WT
Total	Analysis	SM 2540G		1.0	11K0311	11/29/11 07:18	BDD	TAL WT

Client Sample ID: B-17-11 0-2'

Lab Sample ID: WUK0392-15

Date Collected: 11/10/11 11:00

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 87.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	Default Prep VOC		1.0	11K0189_P	11/16/11 12:47	ABA	TAL WT
Total	Analysis	SW 8260B		1.0	U001392	11/16/11 18:18	ABA	TAL WT
Total/NA	Prep	3541			133384	11/20/11 21:23	DEA	TAL CHI
Total/NA	Analysis	8270C		50	133706	11/23/11 21:31	GES	TAL CHI
Total/NA	Prep	3541	DL		133384	11/20/11 21:23	DEA	TAL CHI
Total/NA	Analysis	8270C	DL	500	133825	11/27/11 02:09	JB	TAL CHI
Total/NA	Prep	3541			133509	11/21/11 19:46	DEA	TAL CHI
Total/NA	Analysis	8082		1	133588	11/23/11 07:48	GMO	TAL CHI
Total/NA	Prep	3050B			133382	11/20/11 15:48	LAH	TAL CHI
Total/NA	Analysis	6010B		1	133525	11/21/11 18:11	TDS	TAL CHI
Total/NA	Prep	7471A			133639	11/23/11 08:15	CMV	TAL CHI
Total/NA	Analysis	7471A		20	133751	11/23/11 13:21	MBG	TAL CHI
Total/NA	Analysis	Moisture		1	132505	11/12/11 16:10	CMV	TAL CHI
Total	Prep	% Solids		1.0	11K0311_P	11/12/11 07:16	BDD	TAL WT
Total	Analysis	SM 2540G		1.0	11K0311	11/29/11 07:18	BDD	TAL WT

Client Sample ID: B-01-11 0-2'

Lab Sample ID: WUK0392-16

Date Collected: 11/10/11 11:05

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 85.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	Default Prep VOC		1.0	11K0189_P	11/16/11 12:47	ABA	TAL WT
Total	Analysis	SW 8260B		1.0	U001392	11/16/11 18:45	ABA	TAL WT
Total/NA	Prep	3541			133384	11/20/11 21:23	DEA	TAL CHI
Total/NA	Analysis	8270C		1	133583	11/22/11 22:36	DA	TAL CHI
Total/NA	Prep	3541			133509	11/21/11 19:46	DEA	TAL CHI
Total/NA	Analysis	8082		1	133588	11/23/11 08:02	GMO	TAL CHI
Total/NA	Prep	3050B			133382	11/20/11 15:48	LAH	TAL CHI
Total/NA	Analysis	6010B		1	133525	11/21/11 18:17	TDS	TAL CHI
Total/NA	Prep	7471A			133639	11/23/11 08:15	CMV	TAL CHI
Total/NA	Analysis	7471A		1	133751	11/23/11 11:51	MBG	TAL CHI

Lab Chronicle

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-01-11 0-2'

Lab Sample ID: WUK0392-16

Date Collected: 11/10/11 11:05

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	132505	11/12/11 16:10	CMV	TAL CHI
Total	Prep	% Solids		1.0	11K0311_P	11/12/11 07:16	BDD	TAL WT
Total	Analysis	SM 2540G		1.0	11K0311	11/29/11 07:18	BDD	TAL WT

Client Sample ID: B-02-11 0-2'

Lab Sample ID: WUK0392-17

Date Collected: 11/10/11 11:15

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 88.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	Default Prep VOC		1.0	11K0189_P	11/16/11 12:47	ABA	TAL WT
Total	Analysis	SW 8260B		1.0	U001392	11/16/11 19:12	ABA	TAL WT
Total/NA	Prep	3541			133384	11/20/11 21:23	DEA	TAL CHI
Total/NA	Analysis	8270C		5	133580	11/22/11 23:57	JB	TAL CHI
Total/NA	Prep	3541	DL		133384	11/20/11 21:23	DEA	TAL CHI
Total/NA	Analysis	8270C	DL	50	133706	11/23/11 15:44	GES	TAL CHI
Total/NA	Prep	3541			133509	11/21/11 19:46	DEA	TAL CHI
Total/NA	Analysis	8082		1	133588	11/23/11 08:16	GMO	TAL CHI
Total/NA	Prep	3050B			133382	11/20/11 15:48	LAH	TAL CHI
Total/NA	Analysis	6010B		1	133525	11/21/11 18:23	TDS	TAL CHI
Total/NA	Prep	7471A			133639	11/23/11 08:15	CMV	TAL CHI
Total/NA	Analysis	7471A		1	133751	11/23/11 11:53	MBG	TAL CHI
Total/NA	Analysis	Moisture		1	132513	11/12/11 17:05	CMV	TAL CHI
Total	Prep	% Solids		1.0	11K0311_P	11/12/11 07:16	BDD	TAL WT
Total	Analysis	SM 2540G		1.0	11K0311	11/29/11 07:18	BDD	TAL WT

Client Sample ID: B-40 0-2'

Lab Sample ID: WUK0392-18

Date Collected: 11/10/11 11:25

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 81

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	Default Prep VOC		1.0	11K0210_P	11/17/11 13:37	ABA	TAL WT
Total	Analysis	SW 8260B		1.0	U001399	11/17/11 17:14	ABA	TAL WT
Total/NA	Prep	3541			133384	11/20/11 21:23	DEA	TAL CHI
Total/NA	Analysis	8270C		1	133706	11/23/11 21:52	GES	TAL CHI
Total/NA	Prep	3541	DL		133384	11/20/11 21:23	DEA	TAL CHI
Total/NA	Analysis	8270C	DL	25	133825	11/27/11 02:30	JB	TAL CHI
Total/NA	Prep	3541			133509	11/21/11 19:46	DEA	TAL CHI
Total/NA	Analysis	8082		1	133588	11/23/11 10:38	GMO	TAL CHI
Total/NA	Prep	3050B			133382	11/20/11 15:48	LAH	TAL CHI
Total/NA	Analysis	6010B		1	133525	11/21/11 18:30	TDS	TAL CHI
Total/NA	Prep	7471A			133639	11/23/11 08:15	CMV	TAL CHI
Total/NA	Analysis	7471A		1	133751	11/23/11 11:55	MBG	TAL CHI
Total/NA	Analysis	Moisture		1	132513	11/12/11 17:05	CMV	TAL CHI
Total	Prep	% Solids		1.0	11K0311_P	11/12/11 07:16	BDD	TAL WT

Lab Chronicle

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-40 0-2'

Lab Sample ID: WUK0392-18

Date Collected: 11/10/11 11:25

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 81

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Analysis	SM 2540G		1.0	11K0311	11/29/11 07:18	BDD	TAL WT

Client Sample ID: B-03-11 0-2'

Lab Sample ID: WUK0392-19

Date Collected: 11/10/11 11:45

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 82.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	Default Prep VOC		1.0	11K0210_P	11/17/11 13:37	ABA	TAL WT
Total	Analysis	SW 8260B		1.0	U001399	11/17/11 17:41	ABA	TAL WT
Total	Prep	Default Prep VOC	RE1	1.0	11K0247_P	11/21/11 15:21	ABA	TAL WT
Total	Analysis	SW 8260B	RE1	1.0	U001408	11/21/11 19:00	ABA	TAL WT
Total/NA	Prep	3541			133384	11/20/11 21:23	DEA	TAL CHI
Total/NA	Analysis	8270C		1	133706	11/23/11 22:14	GES	TAL CHI
Total/NA	Prep	3541			133509	11/21/11 19:46	DEA	TAL CHI
Total/NA	Analysis	8082		1	133588	11/23/11 08:44	GMO	TAL CHI
Total/NA	Prep	3050B			133382	11/20/11 15:48	LAH	TAL CHI
Total/NA	Analysis	6010B		1	133525	11/21/11 18:36	TDS	TAL CHI
Total/NA	Prep	7471A			133639	11/23/11 08:15	CMV	TAL CHI
Total/NA	Analysis	7471A		1	133751	11/23/11 11:56	MBG	TAL CHI
Total/NA	Analysis	Moisture		1	132513	11/12/11 17:05	CMV	TAL CHI
Total	Prep	% Solids		1.0	11K0311_P	11/12/11 07:16	BDD	TAL WT
Total	Analysis	SM 2540G		1.0	11K0311	11/29/11 07:18	BDD	TAL WT

Client Sample ID: B-41 0-2'

Lab Sample ID: WUK0392-20

Date Collected: 11/10/11 11:50

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 79.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	Default Prep VOC		1.0	11K0210_P	11/17/11 13:37	ABA	TAL WT
Total	Analysis	SW 8260B		1.0	U001399	11/17/11 18:08	ABA	TAL WT
Total/NA	Prep	3541			133384	11/20/11 21:23	DEA	TAL CHI
Total/NA	Analysis	8270C		1	133583	11/22/11 22:13	DA	TAL CHI
Total/NA	Prep	3541			133509	11/21/11 19:46	DEA	TAL CHI
Total/NA	Analysis	8082		1	133588	11/23/11 08:58	GMO	TAL CHI
Total/NA	Prep	3050B			133382	11/20/11 15:48	LAH	TAL CHI
Total/NA	Analysis	6010B		1	133525	11/21/11 18:57	TDS	TAL CHI
Total/NA	Prep	7471A			133639	11/23/11 08:15	CMV	TAL CHI
Total/NA	Analysis	7471A		1	133751	11/23/11 11:58	MBG	TAL CHI
Total/NA	Analysis	Moisture		1	132513	11/12/11 17:05	CMV	TAL CHI
Total	Prep	% Solids		1.0	11K0311_P	11/12/11 07:16	BDD	TAL WT
Total	Analysis	SM 2540G		1.0	11K0311	11/29/11 07:18	BDD	TAL WT

Lab Chronicle

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-41 4-6'

Lab Sample ID: WUK0392-21

Date Collected: 11/10/11 11:55

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 84

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	Default Prep VOC		1.0	11K0210_P	11/17/11 13:37	ABA	TAL WT
Total	Analysis	SW 8260B		1.0	U001399	11/17/11 18:35	ABA	TAL WT
Total/NA	Prep	3541			133654	11/22/11 18:27	DEA	TAL CHI
Total/NA	Analysis	8270C		1	133706	11/23/11 22:36	GES	TAL CHI
Total/NA	Prep	3541			133511	11/21/11 21:32	JP	TAL CHI
Total/NA	Analysis	8082		1	133588	11/22/11 14:16	GMO	TAL CHI
Total/NA	Prep	3050B			133382	11/20/11 15:48	LAH	TAL CHI
Total/NA	Analysis	6010B		1	133525	11/21/11 19:03	TDS	TAL CHI
Total/NA	Prep	7471A			133635	11/23/11 08:15	CMV	TAL CHI
Total/NA	Analysis	7471A		1	133751	11/23/11 12:31	MBG	TAL CHI
Total/NA	Analysis	Moisture		1	132513	11/12/11 17:05	CMV	TAL CHI
Total	Prep	% Solids		1.0	11K0311_P	11/12/11 07:16	BDD	TAL WT
Total	Analysis	SM 2540G		1.0	11K0311	11/29/11 07:18	BDD	TAL WT

Client Sample ID: B-41 8-10'

Lab Sample ID: WUK0392-22

Date Collected: 11/10/11 12:05

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 82.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	Default Prep VOC		1.0	11K0210_P	11/17/11 13:37	ABA	TAL WT
Total	Analysis	SW 8260B		1.0	U001399	11/17/11 19:02	ABA	TAL WT
Total/NA	Prep	3541			133654	11/22/11 18:27	DEA	TAL CHI
Total/NA	Analysis	8270C		1	133709	11/23/11 20:32	JB	TAL CHI
Total/NA	Prep	3541			133511	11/21/11 21:32	JP	TAL CHI
Total/NA	Analysis	8082		1	133588	11/22/11 14:30	GMO	TAL CHI
Total/NA	Prep	3050B			133382	11/20/11 15:48	LAH	TAL CHI
Total/NA	Analysis	6010B		1	133525	11/21/11 19:09	TDS	TAL CHI
Total/NA	Prep	7471A			133635	11/23/11 08:15	CMV	TAL CHI
Total/NA	Analysis	7471A		1	133751	11/23/11 12:32	MBG	TAL CHI
Total/NA	Analysis	Moisture		1	132513	11/12/11 17:05	CMV	TAL CHI
Total	Prep	% Solids		1.0	11K0311_P	11/12/11 07:16	BDD	TAL WT
Total	Analysis	SM 2540G		1.0	11K0311	11/29/11 07:18	BDD	TAL WT

Client Sample ID: B-42 0-2'

Lab Sample ID: WUK0392-23

Date Collected: 11/10/11 12:10

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 67.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	Default Prep VOC		1.0	11K0210_P	11/17/11 13:37	ABA	TAL WT
Total	Analysis	SW 8260B		1.0	U001399	11/17/11 19:30	ABA	TAL WT
Total/NA	Prep	3541			133654	11/22/11 18:27	DEA	TAL CHI
Total/NA	Analysis	8270C		1	133706	11/23/11 22:58	GES	TAL CHI
Total/NA	Prep	3541			133511	11/21/11 21:32	JP	TAL CHI
Total/NA	Analysis	8082		1	133588	11/22/11 14:44	GMO	TAL CHI

Lab Chronicle

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-42 0-2'

Lab Sample ID: WUK0392-23

Date Collected: 11/10/11 12:10

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 67.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			133382	11/20/11 15:48	LAH	TAL CHI
Total/NA	Analysis	6010B		1	133525	11/21/11 19:15	TDS	TAL CHI
Total/NA	Prep	7471A			133635	11/23/11 08:15	CMV	TAL CHI
Total/NA	Analysis	7471A		1	133751	11/23/11 12:34	MBG	TAL CHI
Total/NA	Analysis	Moisture		1	132513	11/12/11 17:05	CMV	TAL CHI
Total	Prep	% Solids		1.0	11K0311_P	11/12/11 07:16	BDD	TAL WT
Total	Analysis	SM 2540G		1.0	11K0311	11/29/11 07:18	BDD	TAL WT

Client Sample ID: B-42 4-6'

Lab Sample ID: WUK0392-24

Date Collected: 11/10/11 12:15

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 62.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	Default Prep VOC		1.0	11K0210_P	11/17/11 13:37	ABA	TAL WT
Total	Analysis	SW 8260B		1.0	U001399	11/17/11 19:57	ABA	TAL WT
Total/NA	Prep	3541			133654	11/22/11 18:27	DEA	TAL CHI
Total/NA	Analysis	8270C		1	133706	11/23/11 23:20	GES	TAL CHI
Total/NA	Prep	3541			133511	11/21/11 21:32	JP	TAL CHI
Total/NA	Analysis	8082		1	133588	11/22/11 14:59	GMO	TAL CHI
Total/NA	Prep	3050B			133382	11/20/11 15:48	LAH	TAL CHI
Total/NA	Analysis	6010B		1	133525	11/21/11 19:21	TDS	TAL CHI
Total/NA	Prep	7471A			133635	11/23/11 08:15	CMV	TAL CHI
Total/NA	Analysis	7471A		1	133751	11/23/11 12:36	MBG	TAL CHI
Total/NA	Analysis	Moisture		1	132513	11/12/11 17:05	CMV	TAL CHI
Total	Prep	% Solids		1.0	11K0311_P	11/12/11 07:16	BDD	TAL WT
Total	Analysis	SM 2540G		1.0	11K0311	11/29/11 07:18	BDD	TAL WT

Client Sample ID: B-42 8-10'

Lab Sample ID: WUK0392-25

Date Collected: 11/10/11 12:25

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 84.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	Default Prep VOC		1.0	11K0210_P	11/17/11 13:37	ABA	TAL WT
Total	Analysis	SW 8260B		1.0	U001399	11/17/11 20:24	ABA	TAL WT
Total/NA	Prep	3541			133654	11/22/11 18:27	DEA	TAL CHI
Total/NA	Analysis	8270C		1	133706	11/23/11 23:42	GES	TAL CHI
Total/NA	Prep	3541			133511	11/21/11 21:32	JP	TAL CHI
Total/NA	Analysis	8082		1	133588	11/22/11 15:13	GMO	TAL CHI
Total/NA	Prep	3050B			133382	11/20/11 15:48	LAH	TAL CHI
Total/NA	Analysis	6010B		1	133525	11/21/11 19:28	TDS	TAL CHI
Total/NA	Prep	7471A			133635	11/23/11 08:15	CMV	TAL CHI
Total/NA	Analysis	7471A		1	133751	11/23/11 12:38	MBG	TAL CHI
Total/NA	Analysis	Moisture		1	132513	11/12/11 17:05	CMV	TAL CHI
Total	Prep	% Solids		1.0	11K0311_P	11/12/11 07:16	BDD	TAL WT

Lab Chronicle

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-42 8-10'

Lab Sample ID: WUK0392-25

Date Collected: 11/10/11 12:25

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 84.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Analysis	SM 2540G		1.0	11K0311	11/29/11 07:18	BDD	TAL WT

Client Sample ID: B-43 0-2'

Lab Sample ID: WUK0392-26

Date Collected: 11/10/11 12:45

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 83.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	Default Prep VOC		1.0	11K0210_P	11/17/11 13:37	ABA	TAL WT
Total	Analysis	SW 8260B		1.0	U001399	11/17/11 20:51	ABA	TAL WT
Total/NA	Prep	3541			133654	11/22/11 18:27	DEA	TAL CHI
Total/NA	Analysis	8270C		1	133825	11/26/11 21:36	JB	TAL CHI
Total/NA	Prep	3541	DL		133654	11/22/11 18:27	DEA	TAL CHI
Total/NA	Analysis	8270C	DL	10	133825	11/26/11 21:56	JB	TAL CHI
Total/NA	Prep	3541			133511	11/21/11 21:32	JP	TAL CHI
Total/NA	Analysis	8082		1	133588	11/22/11 15:27	GMO	TAL CHI
Total/NA	Prep	3050B			133382	11/20/11 15:48	LAH	TAL CHI
Total/NA	Analysis	6010B		1	133525	11/21/11 19:34	TDS	TAL CHI
Total/NA	Prep	7471A			133635	11/23/11 08:15	CMV	TAL CHI
Total/NA	Analysis	7471A		1	133751	11/23/11 12:40	MBG	TAL CHI
Total/NA	Analysis	Moisture		1	132513	11/12/11 17:05	CMV	TAL CHI
Total	Prep	% Solids		1.0	11K0311_P	11/12/11 07:16	BDD	TAL WT
Total	Analysis	SM 2540G		1.0	11K0311	11/29/11 07:18	BDD	TAL WT

Client Sample ID: B-43 4-6'

Lab Sample ID: WUK0392-27

Date Collected: 11/10/11 12:55

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 92

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	Default Prep VOC		1.0	11K0210_P	11/17/11 13:37	ABA	TAL WT
Total	Analysis	SW 8260B		1.0	U001399	11/17/11 21:18	ABA	TAL WT
Total/NA	Prep	3541			133654	11/22/11 18:27	DEA	TAL CHI
Total/NA	Analysis	8270C		1	133825	11/26/11 22:18	JB	TAL CHI
Total/NA	Prep	3541			133511	11/21/11 21:32	JP	TAL CHI
Total/NA	Analysis	8082		1	133588	11/22/11 15:41	GMO	TAL CHI
Total/NA	Prep	3050B			133382	11/20/11 15:48	LAH	TAL CHI
Total/NA	Analysis	6010B		1	133525	11/21/11 19:40	TDS	TAL CHI
Total/NA	Prep	7471A			133635	11/23/11 08:15	CMV	TAL CHI
Total/NA	Analysis	7471A		1	133751	11/23/11 13:08	MBG	TAL CHI
Total/NA	Analysis	Moisture		1	132513	11/12/11 17:05	CMV	TAL CHI
Total	Prep	% Solids		1.0	11K0311_P	11/12/11 07:16	BDD	TAL WT
Total	Analysis	SM 2540G		1.0	11K0311	11/29/11 07:18	BDD	TAL WT

Lab Chronicle

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-43 8-10'

Lab Sample ID: WUK0392-28

Date Collected: 11/10/11 13:05

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 82.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	Default Prep VOC		1.0	11K0210_P	11/17/11 13:37	ABA	TAL WT
Total	Analysis	SW 8260B		1.0	U001399	11/17/11 21:45	ABA	TAL WT
Total/NA	Prep	3541			133654	11/22/11 18:27	DEA	TAL CHI
Total/NA	Analysis	8270C		1	133825	11/26/11 22:38	JB	TAL CHI
Total/NA	Prep	3541			133511	11/21/11 21:32	JP	TAL CHI
Total/NA	Analysis	8082		1	133588	11/22/11 15:55	GMO	TAL CHI
Total/NA	Prep	3050B			133382	11/20/11 15:48	LAH	TAL CHI
Total/NA	Analysis	6010B		1	133525	11/21/11 20:26	TDS	TAL CHI
Total/NA	Prep	7471A			133635	11/23/11 08:15	CMV	TAL CHI
Total/NA	Analysis	7471A		1	133751	11/23/11 13:09	MBG	TAL CHI
Total/NA	Analysis	Moisture		1	132513	11/12/11 17:05	CMV	TAL CHI
Total	Prep	% Solids		1.0	11K0311_P	11/12/11 07:16	BDD	TAL WT
Total	Analysis	SM 2540G		1.0	11K0311	11/29/11 07:18	BDD	TAL WT

Client Sample ID: B-44 0-2'

Lab Sample ID: WUK0392-29

Date Collected: 11/10/11 13:10

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 85.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	Default Prep VOC		1.0	11K0210_P	11/17/11 13:37	ABA	TAL WT
Total	Analysis	SW 8260B		1.0	U001399	11/17/11 22:12	ABA	TAL WT
Total/NA	Prep	3541			133654	11/22/11 18:27	DEA	TAL CHI
Total/NA	Analysis	8270C		1	133709	11/23/11 19:29	JB	TAL CHI
Total/NA	Prep	3541			133511	11/21/11 21:32	JP	TAL CHI
Total/NA	Analysis	8082		1	133588	11/22/11 16:38	GMO	TAL CHI
Total/NA	Prep	3050B			133382	11/20/11 15:48	LAH	TAL CHI
Total/NA	Analysis	6010B		1	133525	11/21/11 20:32	TDS	TAL CHI
Total/NA	Prep	7471A			133635	11/23/11 08:15	CMV	TAL CHI
Total/NA	Analysis	7471A		1	133751	11/23/11 13:11	MBG	TAL CHI
Total/NA	Analysis	Moisture		1	132513	11/12/11 17:05	CMV	TAL CHI
Total	Prep	% Solids		1.0	11K0311_P	11/12/11 07:16	BDD	TAL WT
Total	Analysis	SM 2540G		1.0	11K0311	11/29/11 07:18	BDD	TAL WT

Client Sample ID: B-44 4-6'

Lab Sample ID: WUK0392-30

Date Collected: 11/10/11 13:15

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 87.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	Default Prep VOC		1.0	11K0210_P	11/17/11 13:37	ABA	TAL WT
Total	Analysis	SW 8260B		1.0	U001399	11/17/11 22:40	ABA	TAL WT
Total/NA	Prep	3541			133654	11/22/11 18:27	DEA	TAL CHI
Total/NA	Analysis	8270C		1	133709	11/23/11 19:50	JB	TAL CHI
Total/NA	Prep	3541			133511	11/21/11 21:32	JP	TAL CHI
Total/NA	Analysis	8082		1	133588	11/22/11 16:52	GMO	TAL CHI

Lab Chronicle

Client: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Client Sample ID: B-44 4-6'

Lab Sample ID: WUK0392-30

Date Collected: 11/10/11 13:15

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 87.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			133382	11/20/11 15:48	LAH	TAL CHI
Total/NA	Analysis	6010B		1	133525	11/21/11 20:38	TDS	TAL CHI
Total/NA	Prep	7471A			133635	11/23/11 08:15	CMV	TAL CHI
Total/NA	Analysis	7471A		1	133751	11/23/11 13:14	MBG	TAL CHI
Total/NA	Analysis	Moisture		1	132513	11/12/11 17:05	CMV	TAL CHI
Total	Prep	% Solids		1.0	11K0311_P	11/12/11 07:16	BDD	TAL WT
Total	Analysis	SM 2540G		1.0	11K0311	11/29/11 07:18	BDD	TAL WT

Client Sample ID: B-44 8-10'

Lab Sample ID: WUK0392-31

Date Collected: 11/10/11 13:20

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Percent Solids: 83.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	Default Prep VOC		1.0	11K0247_P	11/21/11 15:21	ABA	TAL WT
Total	Analysis	SW 8260B		1.0	U001408	11/21/11 19:27	ABA	TAL WT
Total/NA	Prep	3541			133654	11/22/11 18:27	DEA	TAL CHI
Total/NA	Analysis	8270C		1	133709	11/23/11 20:11	JB	TAL CHI
Total/NA	Prep	3541			133511	11/21/11 21:32	JP	TAL CHI
Total/NA	Analysis	8082		1	133588	11/22/11 17:06	GMO	TAL CHI
Total/NA	Prep	3050B			133382	11/20/11 15:48	LAH	TAL CHI
Total/NA	Analysis	6010B		1	133525	11/21/11 20:44	TDS	TAL CHI
Total/NA	Prep	7471A			133635	11/23/11 08:15	CMV	TAL CHI
Total/NA	Analysis	7471A		1	133751	11/23/11 13:16	MBG	TAL CHI
Total/NA	Analysis	Moisture		1	132513	11/12/11 17:05	CMV	TAL CHI
Total	Prep	% Solids		1.0	11K0311_P	11/12/11 07:16	BDD	TAL WT
Total	Analysis	SM 2540G		1.0	11K0311	11/29/11 07:18	BDD	TAL WT

Client Sample ID: TB-3

Lab Sample ID: WUK0392-32

Date Collected: 11/10/11 00:00

Matrix: Solid/Soil

Date Received: 11/11/11 15:23

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	Default Prep VOC		1.0	11K0247_P	11/21/11 15:21	ABA	TAL WT
Total	Analysis	SW 8260B		1.0	U001408	11/21/11 19:54	ABA	TAL WT

Laboratory References:

TAL CHI = TestAmerica Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

TAL WT = TestAmerica Watertown, 1101 Industrial Drive, Suites 9 & 10, Watertown, WI 53094, TEL 800-833-7036

Certification Summary

Client: Tetra Tech GEO
 Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Watertown		WI Dept of Agriculture (Micro)		105-266
TestAmerica Watertown	Illinois	NELAC	5	100453
TestAmerica Watertown	Minnesota	NELAC	5	055-999-366
TestAmerica Watertown	Wisconsin	State Program	5	128053530
TestAmerica Chicago	ACLASS	DoD ELAP		ADE-1429
TestAmerica Chicago	ACLASS	ISO/IEC 17025		AT-1428
TestAmerica Chicago	Alabama	State Program	4	40461
TestAmerica Chicago	California	NELAC	9	01132CA
TestAmerica Chicago	Florida	NELAC	4	E871072
TestAmerica Chicago	Georgia	Georgia EPD	4	N/A
TestAmerica Chicago	Georgia	State Program	4	939
TestAmerica Chicago	Hawaii	State Program	9	N/A
TestAmerica Chicago	Illinois	NELAC	5	100201
TestAmerica Chicago	Indiana	State Program	5	C-IL-02
TestAmerica Chicago	Iowa	State Program	7	82
TestAmerica Chicago	Kansas	NELAC	7	E-10161
TestAmerica Chicago	Kentucky	Kentucky UST	4	66
TestAmerica Chicago	Kentucky	State Program	4	90023
TestAmerica Chicago	Louisiana	NELAC	6	30720
TestAmerica Chicago	Massachusetts	State Program	1	M-IL035
TestAmerica Chicago	Mississippi	State Program	4	N/A
TestAmerica Chicago	North Carolina	North Carolina DENR	4	291
TestAmerica Chicago	Oklahoma	State Program	6	8908
TestAmerica Chicago	South Carolina	State Program	4	77001
TestAmerica Chicago	Texas	NELAC	6	T104704252-09-TX
TestAmerica Chicago	USDA	USDA		P330-09-00027
TestAmerica Chicago	Virginia	NELAC Secondary AB	3	460142
TestAmerica Chicago	Wisconsin	State Program	5	999580010
TestAmerica Chicago	Wyoming	State Program	8	8TMS-Q

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: Tetra Tech GEO
Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Method	Method Description	Protocol	Laboratory
SW 8260B	VOCs by SW8260B		TAL WT
8270C	Semivolatile Organic Compounds (GC/MS)	SW846	TAL CHI
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL CHI
6010B	Metals (ICP)	SW846	TAL CHI
7471A	Mercury (CVAA)	SW846	TAL CHI
Moisture	Percent Moisture	EPA	TAL CHI
SM 2540G	General Chemistry Parameters		TAL WT

Protocol References:

EPA = US Environmental Protection Agency

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

Laboratory References:

TAL CHI = TestAmerica Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

TAL WT = TestAmerica Watertown, 1101 Industrial Drive, Suites 9 & 10, Watertown, WI 53094, TEL 800-833-7036

Sample Summary

Client: Tetra Tech GEO
 Project/Site: 117-2201257.02

TestAmerica Job ID: WUK0392

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
WUK0392-01	B-36 0-2'	Solid/Soil	11/10/11 09:00	11/11/11 15:23
WUK0392-02	B-37 0-2'	Solid/Soil	11/10/11 09:10	11/11/11 15:23
WUK0392-03	B-19-11 0-2'	Solid/Soil	11/10/11 09:30	11/11/11 15:23
WUK0392-04	B-19-11 4-6'	Solid/Soil	11/10/11 09:40	11/11/11 15:23
WUK0392-05	B-19-11 8-10'	Solid/Soil	11/10/11 09:45	11/11/11 15:23
WUK0392-06	B-38 0-2'	Solid/Soil	11/10/11 09:50	11/11/11 15:23
WUK0392-07	B-15-11 0-2'	Solid/Soil	11/10/11 10:00	11/11/11 15:23
WUK0392-08	B-15-11 4-6'	Solid/Soil	11/10/11 10:05	11/11/11 15:23
WUK0392-09	B-15-11 8-10'	Solid/Soil	11/10/11 10:10	11/11/11 15:23
WUK0392-10	B-06-11 0-2'	Solid/Soil	11/10/11 09:20	11/11/11 15:23
WUK0392-11	B-16-11 0-2'	Solid/Soil	11/10/11 10:25	11/11/11 15:23
WUK0392-12	B-18-11 0-2'	Solid/Soil	11/10/11 10:35	11/11/11 15:23
WUK0392-13	B-20-11 0-2'	Solid/Soil	11/10/11 10:45	11/11/11 15:23
WUK0392-14	B-39 0-2'	Solid/Soil	11/10/11 10:50	11/11/11 15:23
WUK0392-15	B-17-11 0-2'	Solid/Soil	11/10/11 11:00	11/11/11 15:23
WUK0392-16	B-01-11 0-2'	Solid/Soil	11/10/11 11:05	11/11/11 15:23
WUK0392-17	B-02-11 0-2'	Solid/Soil	11/10/11 11:15	11/11/11 15:23
WUK0392-18	B-40 0-2'	Solid/Soil	11/10/11 11:25	11/11/11 15:23
WUK0392-19	B-03-11 0-2'	Solid/Soil	11/10/11 11:45	11/11/11 15:23
WUK0392-20	B-41 0-2'	Solid/Soil	11/10/11 11:50	11/11/11 15:23
WUK0392-21	B-41 4-6'	Solid/Soil	11/10/11 11:55	11/11/11 15:23
WUK0392-22	B-41 8-10'	Solid/Soil	11/10/11 12:05	11/11/11 15:23
WUK0392-23	B-42 0-2'	Solid/Soil	11/10/11 12:10	11/11/11 15:23
WUK0392-24	B-42 4-6'	Solid/Soil	11/10/11 12:15	11/11/11 15:23
WUK0392-25	B-42 8-10'	Solid/Soil	11/10/11 12:25	11/11/11 15:23
WUK0392-26	B-43 0-2'	Solid/Soil	11/10/11 12:45	11/11/11 15:23
WUK0392-27	B-43 4-6'	Solid/Soil	11/10/11 12:55	11/11/11 15:23
WUK0392-28	B-43 8-10'	Solid/Soil	11/10/11 13:05	11/11/11 15:23
WUK0392-29	B-44 0-2'	Solid/Soil	11/10/11 13:10	11/11/11 15:23
WUK0392-30	B-44 4-6'	Solid/Soil	11/10/11 13:15	11/11/11 15:23
WUK0392-31	B-44 8-10'	Solid/Soil	11/10/11 13:20	11/11/11 15:23
WUK0392-32	TB-3	Solid/Soil	11/10/11 00:00	11/11/11 15:23



Cooler Receipt Log

Work Order: WUK0312 Client Name/Project: TETRA TECH COGO # of Coolers: 2

1. How did samples arrive? Dunham Fed-Ex UPS TestAmerica Client USPS Speedee _____

Date/time cooler was opened: 11/11/11 15:23 By: Adam TEMP: 3.1°C, 2.9°C

2. Were custody seals intact, signed and dated correctly?..... Intact Broken ~~NA~~
3. TAT (Turn Around Time) SUBCONTRACTED HOLD STANDARD RUSH
4. Were samples on ice? Yes No Water Ice & Water
5. Bottles supplied by Test America? Yes No
6. Number of containers are noted on COC (Chain of Custody) ? Yes No
7. Matrix is identified on COC ? Yes No
8. Did all sample containers arrive in good condition? OK Broken Frozen Slushy
9. Are there any short hold time tests ? (48hrs or less) No Yes
- Past Hold?..... No Yes

24 hours or less	48 hours	7 days
Coliform Bacteria	BOD CBOD	Aqueous Organic Prep
Fecal Bacteria (orange)		BNA 8270 DRO (HCL amber)
Total Bacteria (blue)		Herbs PAH (NT amber)
MPN Bacteria (black)	Nitrite NO2 Nitrate NO3	PCBs Pest/PCBs
SPC/HPC (standard plate count/hydrophilic plate-yellow)	OrthoPhosphate or	PNA
T. Residual Chlorine (NT bottle)	OrthoPhosphorus	TS (Total Solids) TDS
CR3 or CR6 (Hex Chromium VI - NT bottle)	Surfactants (MBAS)	TSS (Total Suspended Solids)
Dissolved Oxygen (DO)	Sulfite	Sulfide
	Turbidity	Volatile Solids

10. Ops Mgr, PM or Analyst informed of short hold? Who _____ When _____
11. Other than short hold test, were any samples within 2 days of their hold date No Yes
 Or past their expiration of hold time No Yes
12. Is the date and time of collection recorded on COC? Date..... Yes No on the containers Yes No
 Time Yes No on the containers Yes No
13. Are dissolved parameters field filtered or being filtered in the lab? Field Lab ~~NA~~
14. Are sample volumes adequate and preservatives correct for test requested? Vol. Yes No
 Preservatives... Yes No
15. Were correct containers used for the analysis requested? Yes No
16. Do VOC samples have air bubbles >6mm ? No Yes ~~NA~~
17. Is an aqueous Trip Blank included?..... Yes No ~~NA~~
18. If received, how were DRO soil samples received? Weighed glass jar Packed jar
19. Is a Methanol Trip Blank included? Yes glass jar vial No NA
20. How were VOC soils received? Methanol Sodium Bisulfate Packed Jar Encore Other Water (see options*)
 • Within 48hrs of sampling Past 48hrs of sampling Frozen Not Frozen
21. Were all sample containers received and match the Sample Ids listed on COC? .. Yes No

If any changes are made to this Work Order after Login, or if comments must be made regarding this cooler, explain them below:

C2: 2013 Reports

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Chicago
2417 Bond Street
University Park, IL 60484
Tel: (708)534-5200

TestAmerica Job ID: 500-54526-1
Client Project/Site: Beazer Oak Creek - 117-2201289.02

For:
Tetra Tech GEO
175 N Corporate Drive
Suite 100
Brookfield, Wisconsin 53045

Attn: Michael Noel



Authorized for release by:
2/27/2013 5:12:11 PM
Therese Hargraves
Project Manager II
therese.hargraves@testamericainc.com
Designee for
Sandie Fredrick
Project Manager I
sandie.fredrick@testamericainc.com

LINKS

Review your project
results through
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Have a Question?



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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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Case Narrative

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Job ID: 500-54526-1

Laboratory: TestAmerica Chicago

Narrative

Job Narrative 500-54526-1

Comments

No additional comments.

Receipt

The samples were received on 2/13/2013 10:10 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 3 coolers at receipt time were 1.6° C, 1.9° C and 2.1° C.

GC/MS VOA

Method(s) 5035: Extract vials have < 8 grams of soil in 10 ml MeOH

Method(s) 8260B: The following sample(s) were diluted to bring the concentration of target analytes within the calibration range: B-49 6-8' (500-54526-18), B-50 6-8' (500-54526-15), B-57 0-2' (500-54526-3), B-71 15' (500-54526-25), B-87 15' (500-54526-30). Elevated reporting limits (RLs) are provided.

No other analytical or quality issues were noted.

GC/MS Semi VOA

Method(s) 8270D: The following samples were diluted to bring the concentration of target analytes within the calibration range: B-45 0-2' (500-54526-19), B-48 0-2' (500-54526-12), B-49 0-2' (500-54526-17), B-49 6-8' (500-54526-18), B-50 0-2' (500-54526-14), B-50 6-8' (500-54526-15), B-57 0-2' (500-54526-3), B-71 15' (500-54526-25), B-87 15' (500-54526-30). Elevated reporting limits (RLs) are provided.

Method(s) 8270D: Due to the level of dilution required for the following samples, surrogate recoveries are not reported: B-49 6-8' (500-54526-18), B-57 0-2' (500-54526-3), B-71 15' (500-54526-25), B-87 15' (500-54526-30).

Method(s) 8270D: 500-178592-2MS/MSD had 2 RPD's > 30%: Dibenz(a,h)anthracene at 31% and Indeno{1,2,3-cd}pyrene at 31%. The % recoveries were within limits. B-55 14-15' (500-54526-2)

No other analytical or quality issues were noted.

GC Semi VOA

Method(s) 8082: Surrogate recovery for the following samples was outside control limits: B-49 0-2' (500-54526-17), B-49 6-8' (500-54526-18). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

No other 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: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-55 0-2'

Lab Sample ID: 500-54526-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	460		320	34	ug/Kg	50	☼	8260B	Total/NA
1,3,5-Trimethylbenzene	200	J	320	33	ug/Kg	50	☼	8260B	Total/NA
Ethylbenzene	79		40	20	ug/Kg	50	☼	8260B	Total/NA
Naphthalene	700		320	79	ug/Kg	50	☼	8260B	Total/NA
Toluene	220		40	18	ug/Kg	50	☼	8260B	Total/NA
Xylenes, Total	860		80	11	ug/Kg	50	☼	8260B	Total/NA
1-Methylnaphthalene	580		38	19	ug/Kg	1	☼	8270D	Total/NA
2-Methylnaphthalene	500		190	50	ug/Kg	1	☼	8270D	Total/NA
Acenaphthene	12	J	38	12	ug/Kg	1	☼	8270D	Total/NA
Acenaphthylene	22	J	38	8.8	ug/Kg	1	☼	8270D	Total/NA
Anthracene	72		38	9.0	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene	170		38	8.1	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	170		38	7.0	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	230		38	7.5	ug/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	120		38	13	ug/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	110		38	9.2	ug/Kg	1	☼	8270D	Total/NA
Chrysene	210		38	8.7	ug/Kg	1	☼	8270D	Total/NA
Dibenz(a,h)anthracene	40		38	11	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	290		38	16	ug/Kg	1	☼	8270D	Total/NA
Fluorene	29	J	38	8.7	ug/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	96		38	13	ug/Kg	1	☼	8270D	Total/NA
Naphthalene	290		38	7.4	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	670		38	16	ug/Kg	1	☼	8270D	Total/NA
Pyrene	240		38	14	ug/Kg	1	☼	8270D	Total/NA

Client Sample ID: B-55 14-15'

Lab Sample ID: 500-54526-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chrysene	10	J	38	8.7	ug/Kg	1	☼	8270D	Total/NA
Naphthalene	20	J	38	7.5	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	17	J	38	16	ug/Kg	1	☼	8270D	Total/NA

Client Sample ID: B-57 0-2'

Lab Sample ID: 500-54526-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	360	J	890	94	ug/Kg	200	☼	8260B	Total/NA
1,3,5-Trimethylbenzene	330	J	890	92	ug/Kg	200	☼	8260B	Total/NA
Naphthalene - DL	170000		8900	2200	ug/Kg	2000	☼	8260B	Total/NA
1-Methylnaphthalene	22000		1900	940	ug/Kg	50	☼	8270D	Total/NA
2-Methylnaphthalene	29000		9500	2500	ug/Kg	50	☼	8270D	Total/NA
Acenaphthene	65000		1900	570	ug/Kg	50	☼	8270D	Total/NA
Acenaphthylene	11000		1900	440	ug/Kg	50	☼	8270D	Total/NA
Benzo[g,h,i]perylene	79000		1900	640	ug/Kg	50	☼	8270D	Total/NA
Benzo[k]fluoranthene	100000		1900	450	ug/Kg	50	☼	8270D	Total/NA
Dibenz(a,h)anthracene	25000		1900	530	ug/Kg	50	☼	8270D	Total/NA
Fluorene	130000		1900	430	ug/Kg	50	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	73000		1900	640	ug/Kg	50	☼	8270D	Total/NA
Naphthalene	54000		1900	360	ug/Kg	50	☼	8270D	Total/NA
Anthracene - DL	180000		9400	2200	ug/Kg	250	☼	8270D	Total/NA
Benzo[a]anthracene - DL	180000		9400	2000	ug/Kg	250	☼	8270D	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Chicago

Detection Summary

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-57 0-2' (Continued)

Lab Sample ID: 500-54526-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]pyrene - DL	160000		9400	1700	ug/Kg	250	✱	8270D	Total/NA
Benzo[b]fluoranthene - DL	170000		9400	1800	ug/Kg	250	✱	8270D	Total/NA
Chrysene - DL	180000		9400	2100	ug/Kg	250	✱	8270D	Total/NA
Fluoranthene - DL	450000		9400	3900	ug/Kg	250	✱	8270D	Total/NA
Phenanthrene - DL	470000		9400	4000	ug/Kg	250	✱	8270D	Total/NA
Pyrene - DL	340000		9400	3400	ug/Kg	250	✱	8270D	Total/NA

Client Sample ID: B-57 8-10'

Lab Sample ID: 500-54526-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	9.7	J	38	8.0	ug/Kg	1	✱	8270D	Total/NA
Benzo[b]fluoranthene	8.0	J	38	7.4	ug/Kg	1	✱	8270D	Total/NA
Chrysene	9.6	J	38	8.6	ug/Kg	1	✱	8270D	Total/NA
Fluoranthene	22	J	38	16	ug/Kg	1	✱	8270D	Total/NA
Phenanthrene	26	J	38	16	ug/Kg	1	✱	8270D	Total/NA
Pyrene	17	J	38	14	ug/Kg	1	✱	8270D	Total/NA

Client Sample ID: B-59 0-2'

Lab Sample ID: 500-54526-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	930		200	49	ug/Kg	50	✱	8260B	Total/NA
1-Methylnaphthalene	220		41	21	ug/Kg	1	✱	8270D	Total/NA
2-Methylnaphthalene	210		210	54	ug/Kg	1	✱	8270D	Total/NA
Acenaphthene	220		41	12	ug/Kg	1	✱	8270D	Total/NA
Acenaphthylene	25	J	41	9.5	ug/Kg	1	✱	8270D	Total/NA
Anthracene	450		41	9.7	ug/Kg	1	✱	8270D	Total/NA
Benzo[a]anthracene	1700		41	8.6	ug/Kg	1	✱	8270D	Total/NA
Benzo[a]pyrene	2300		41	7.5	ug/Kg	1	✱	8270D	Total/NA
Benzo[b]fluoranthene	2600		41	8.0	ug/Kg	1	✱	8270D	Total/NA
Benzo[g,h,i]perylene	1200		41	14	ug/Kg	1	✱	8270D	Total/NA
Benzo[k]fluoranthene	1100		41	9.8	ug/Kg	1	✱	8270D	Total/NA
Chrysene	1800		41	9.3	ug/Kg	1	✱	8270D	Total/NA
Dibenz(a,h)anthracene	370		41	12	ug/Kg	1	✱	8270D	Total/NA
Fluorene	300		41	9.4	ug/Kg	1	✱	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	1100		41	14	ug/Kg	1	✱	8270D	Total/NA
Naphthalene	320		41	8.0	ug/Kg	1	✱	8270D	Total/NA
Phenanthrene	1700		41	17	ug/Kg	1	✱	8270D	Total/NA
Pyrene	2800		41	15	ug/Kg	1	✱	8270D	Total/NA
Fluoranthene - DL	2900		82	34	ug/Kg	2	✱	8270D	Total/NA

Client Sample ID: B-59 6-8'

Lab Sample ID: 500-54526-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	22	J	37	11	ug/Kg	1	✱	8270D	Total/NA
Anthracene	43		37	8.7	ug/Kg	1	✱	8270D	Total/NA
Benzo[a]anthracene	71		37	7.8	ug/Kg	1	✱	8270D	Total/NA
Benzo[a]pyrene	66		37	6.8	ug/Kg	1	✱	8270D	Total/NA
Benzo[b]fluoranthene	82		37	7.2	ug/Kg	1	✱	8270D	Total/NA
Benzo[g,h,i]perylene	39		37	13	ug/Kg	1	✱	8270D	Total/NA
Benzo[k]fluoranthene	36	J	37	8.9	ug/Kg	1	✱	8270D	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Chicago

Detection Summary

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-59 6-8' (Continued)

Lab Sample ID: 500-54526-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Chrysene	68		37	8.4	ug/Kg	1		☒	8270D	Total/NA
Dibenz(a,h)anthracene	12	J	37	10	ug/Kg	1		☒	8270D	Total/NA
Fluoranthene	190		37	15	ug/Kg	1		☒	8270D	Total/NA
Fluorene	35	J	37	8.5	ug/Kg	1		☒	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	30	J	37	13	ug/Kg	1		☒	8270D	Total/NA
Naphthalene	16	J	37	7.2	ug/Kg	1		☒	8270D	Total/NA
Phenanthrene	180		37	16	ug/Kg	1		☒	8270D	Total/NA
Pyrene	140		37	13	ug/Kg	1		☒	8270D	Total/NA

Client Sample ID: B-62 0-2'

Lab Sample ID: 500-54526-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Anthracene	21	J	35	8.3	ug/Kg	1		☒	8270D	Total/NA
Benzo[a]anthracene	130		35	7.4	ug/Kg	1		☒	8270D	Total/NA
Benzo[a]pyrene	190		35	6.5	ug/Kg	1		☒	8270D	Total/NA
Benzo[b]fluoranthene	240		35	6.9	ug/Kg	1		☒	8270D	Total/NA
Benzo[g,h,i]perylene	160		35	12	ug/Kg	1		☒	8270D	Total/NA
Benzo[k]fluoranthene	100		35	8.5	ug/Kg	1		☒	8270D	Total/NA
Chrysene	160		35	8.0	ug/Kg	1		☒	8270D	Total/NA
Dibenz(a,h)anthracene	45		35	9.9	ug/Kg	1		☒	8270D	Total/NA
Fluoranthene	210		35	15	ug/Kg	1		☒	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	140		35	12	ug/Kg	1		☒	8270D	Total/NA
Phenanthrene	83		35	15	ug/Kg	1		☒	8270D	Total/NA
Pyrene	260		35	13	ug/Kg	1		☒	8270D	Total/NA

Client Sample ID: B-62 11-12'

Lab Sample ID: 500-54526-8

No Detections

Client Sample ID: B-97 15'

Lab Sample ID: 500-54526-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Benzo[a]anthracene	12	J	38	8.0	ug/Kg	1		☒	8270D	Total/NA
Benzo[a]pyrene	13	J	38	7.0	ug/Kg	1		☒	8270D	Total/NA
Benzo[b]fluoranthene	14	J	38	7.5	ug/Kg	1		☒	8270D	Total/NA
Chrysene	22	J	38	8.7	ug/Kg	1		☒	8270D	Total/NA
Fluoranthene	18	J	38	16	ug/Kg	1		☒	8270D	Total/NA
Pyrene	16	J	38	14	ug/Kg	1		☒	8270D	Total/NA

Client Sample ID: B-113 15'

Lab Sample ID: 500-54526-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Xylenes, Total	9.7	J	36	5.0	ug/Kg	50		☒	8260B	Total/NA
Anthracene	13	J	36	8.5	ug/Kg	1		☒	8270D	Total/NA
Benzo[a]anthracene	13	J	36	7.6	ug/Kg	1		☒	8270D	Total/NA
Benzo[a]pyrene	13	J	36	6.6	ug/Kg	1		☒	8270D	Total/NA
Benzo[b]fluoranthene	16	J	36	7.1	ug/Kg	1		☒	8270D	Total/NA
Benzo[g,h,i]perylene	16	J	36	12	ug/Kg	1		☒	8270D	Total/NA
Chrysene	27	J	36	8.2	ug/Kg	1		☒	8270D	Total/NA
Fluoranthene	21	J	36	15	ug/Kg	1		☒	8270D	Total/NA
Naphthalene	35	J	36	7.0	ug/Kg	1		☒	8270D	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Chicago

Detection Summary

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-113 15' (Continued)

Lab Sample ID: 500-54526-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Phenanthrene	19	J	36	15	ug/Kg	1	☼	8270D	Total/NA
Pyrene	22	J	36	13	ug/Kg	1	☼	8270D	Total/NA

Client Sample ID: B-108 15'

Lab Sample ID: 500-54526-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	730		150	16	ug/Kg	50	☼	8260B	Total/NA
1,3,5-Trimethylbenzene	380		150	16	ug/Kg	50	☼	8260B	Total/NA
Benzene	3500		19	5.8	ug/Kg	50	☼	8260B	Total/NA
Ethylbenzene	1600		19	9.8	ug/Kg	50	☼	8260B	Total/NA
Isopropylbenzene	67	J	150	19	ug/Kg	50	☼	8260B	Total/NA
Styrene	180		77	7.7	ug/Kg	50	☼	8260B	Total/NA
Toluene	1500		19	8.9	ug/Kg	50	☼	8260B	Total/NA
Xylenes, Total	6200		39	5.3	ug/Kg	50	☼	8260B	Total/NA
Naphthalene - DL	20000		1500	380	ug/Kg	500	☼	8260B	Total/NA
1-Methylnaphthalene	120		36	18	ug/Kg	1	☼	8270D	Total/NA
2-Methylnaphthalene	160	J	180	47	ug/Kg	1	☼	8270D	Total/NA
Acenaphthene	44		36	11	ug/Kg	1	☼	8270D	Total/NA
Acenaphthylene	23	J	36	8.3	ug/Kg	1	☼	8270D	Total/NA
Anthracene	20	J	36	8.5	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene	28	J	36	7.6	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	23	J	36	6.6	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	28	J	36	7.0	ug/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	17	J	36	12	ug/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	14	J	36	8.7	ug/Kg	1	☼	8270D	Total/NA
Chrysene	27	J	36	8.2	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	89		36	15	ug/Kg	1	☼	8270D	Total/NA
Fluorene	47		36	8.3	ug/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	14	J	36	12	ug/Kg	1	☼	8270D	Total/NA
Naphthalene	7800		180	35	ug/Kg	5	☼	8270D	Total/NA
Phenanthrene	170		36	15	ug/Kg	1	☼	8270D	Total/NA
Pyrene	77		36	13	ug/Kg	1	☼	8270D	Total/NA

Client Sample ID: B-48 0-2'

Lab Sample ID: 500-54526-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	48	J	170	18	ug/Kg	50	☼	8260B	Total/NA
Benzene	280		21	6.4	ug/Kg	50	☼	8260B	Total/NA
Ethylbenzene	63		21	11	ug/Kg	50	☼	8260B	Total/NA
Naphthalene	1700		170	42	ug/Kg	50	☼	8260B	Total/NA
Toluene	410		21	9.9	ug/Kg	50	☼	8260B	Total/NA
Xylenes, Total	250		43	5.9	ug/Kg	50	☼	8260B	Total/NA
1-Methylnaphthalene	120	J	180	91	ug/Kg	5	☼	8270D	Total/NA
Acenaphthene	130	J	180	55	ug/Kg	5	☼	8270D	Total/NA
Acenaphthylene	1100		180	42	ug/Kg	5	☼	8270D	Total/NA
Anthracene	1300		180	43	ug/Kg	5	☼	8270D	Total/NA
Benzo[a]anthracene	3200		180	38	ug/Kg	5	☼	8270D	Total/NA
Benzo[a]pyrene	5600		180	33	ug/Kg	5	☼	8270D	Total/NA
Benzo[b]fluoranthene	8500		180	35	ug/Kg	5	☼	8270D	Total/NA
Benzo[g,h,i]perylene	4700		180	62	ug/Kg	5	☼	8270D	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Chicago

Detection Summary

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-48 0-2' (Continued)

Lab Sample ID: 500-54526-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[k]fluoranthene	3300		180	43	ug/Kg	5	☼	8270D	Total/NA
Chrysene	4600		180	41	ug/Kg	5	☼	8270D	Total/NA
Dibenz(a,h)anthracene	1100		180	51	ug/Kg	5	☼	8270D	Total/NA
Fluoranthene	3800		180	75	ug/Kg	5	☼	8270D	Total/NA
Fluorene	160	J	180	41	ug/Kg	5	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	4100		180	62	ug/Kg	5	☼	8270D	Total/NA
Naphthalene	350		180	35	ug/Kg	5	☼	8270D	Total/NA
Phenanthrene	1200		180	76	ug/Kg	5	☼	8270D	Total/NA
Pyrene	4400		180	66	ug/Kg	5	☼	8270D	Total/NA
PCB-1254	30		18	3.9	ug/Kg	1	☼	8082	Total/NA

Client Sample ID: B-48 10-12'

Lab Sample ID: 500-54526-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1-Methylnaphthalene	280		38	19	ug/Kg	1	☼	8270D	Total/NA
2-Methylnaphthalene	220		190	50	ug/Kg	1	☼	8270D	Total/NA
Acenaphthene	670		38	11	ug/Kg	1	☼	8270D	Total/NA
Acenaphthylene	32	J	38	8.8	ug/Kg	1	☼	8270D	Total/NA
Anthracene	680		38	9.0	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene	340		38	8.0	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	170		38	7.0	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	220		38	7.5	ug/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	80		38	13	ug/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	93		38	9.2	ug/Kg	1	☼	8270D	Total/NA
Chrysene	400		38	8.7	ug/Kg	1	☼	8270D	Total/NA
Dibenz(a,h)anthracene	26	J	38	11	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	1500		38	16	ug/Kg	1	☼	8270D	Total/NA
Fluorene	770		38	8.7	ug/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	68		38	13	ug/Kg	1	☼	8270D	Total/NA
Naphthalene	120		38	7.4	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	2600		38	16	ug/Kg	1	☼	8270D	Total/NA
Pyrene	1100		38	14	ug/Kg	1	☼	8270D	Total/NA

Client Sample ID: B-50 0-2'

Lab Sample ID: 500-54526-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	460		160	41	ug/Kg	50	☼	8260B	Total/NA
1-Methylnaphthalene	400		370	190	ug/Kg	10	☼	8270D	Total/NA
Acenaphthene	1300		370	110	ug/Kg	10	☼	8270D	Total/NA
Acenaphthylene	570		370	86	ug/Kg	10	☼	8270D	Total/NA
Anthracene	4000		370	88	ug/Kg	10	☼	8270D	Total/NA
Benzo[a]anthracene	7500		370	78	ug/Kg	10	☼	8270D	Total/NA
Benzo[a]pyrene	7300		370	68	ug/Kg	10	☼	8270D	Total/NA
Benzo[b]fluoranthene	9900		370	73	ug/Kg	10	☼	8270D	Total/NA
Benzo[g,h,i]perylene	3900		370	130	ug/Kg	10	☼	8270D	Total/NA
Benzo[k]fluoranthene	5300		370	89	ug/Kg	10	☼	8270D	Total/NA
Chrysene	7700		370	84	ug/Kg	10	☼	8270D	Total/NA
Dibenz(a,h)anthracene	1400		370	100	ug/Kg	10	☼	8270D	Total/NA
Fluoranthene	13000		370	150	ug/Kg	10	☼	8270D	Total/NA
Fluorene	1700		370	85	ug/Kg	10	☼	8270D	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Chicago

Detection Summary

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-50 0-2' (Continued)

Lab Sample ID: 500-54526-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Indeno[1,2,3-cd]pyrene	3500		370	130	ug/Kg	10	☼	8270D	Total/NA
Naphthalene	380		370	72	ug/Kg	10	☼	8270D	Total/NA
Phenanthrene	9300		370	160	ug/Kg	10	☼	8270D	Total/NA
Pyrene	14000		370	130	ug/Kg	10	☼	8270D	Total/NA

Client Sample ID: B-50 6-8'

Lab Sample ID: 500-54526-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	3500		320	33	ug/Kg	100	☼	8260B	Total/NA
1,3,5-Trimethylbenzene	1900		320	33	ug/Kg	100	☼	8260B	Total/NA
Benzene	58		40	12	ug/Kg	100	☼	8260B	Total/NA
Ethylbenzene	2100		40	20	ug/Kg	100	☼	8260B	Total/NA
Isopropylbenzene	440		320	40	ug/Kg	100	☼	8260B	Total/NA
N-Propylbenzene	110	J	320	28	ug/Kg	100	☼	8260B	Total/NA
p-Isopropyltoluene	130	J	320	29	ug/Kg	100	☼	8260B	Total/NA
Toluene	70		40	18	ug/Kg	100	☼	8260B	Total/NA
Xylenes, Total	3200		79	11	ug/Kg	100	☼	8260B	Total/NA
Naphthalene - DL	140000		3200	780	ug/Kg	1000	☼	8260B	Total/NA
1-Methylnaphthalene	12000		370	190	ug/Kg	10	☼	8270D	Total/NA
2-Methylnaphthalene	5100		1900	480	ug/Kg	10	☼	8270D	Total/NA
Acenaphthene	11000		370	110	ug/Kg	10	☼	8270D	Total/NA
Acenaphthylene	330	J	370	86	ug/Kg	10	☼	8270D	Total/NA
Anthracene	1600		370	88	ug/Kg	10	☼	8270D	Total/NA
Benzo[a]anthracene	1600		370	78	ug/Kg	10	☼	8270D	Total/NA
Benzo[a]pyrene	920		370	68	ug/Kg	10	☼	8270D	Total/NA
Benzo[b]fluoranthene	1200		370	72	ug/Kg	10	☼	8270D	Total/NA
Benzo[g,h,i]perylene	370		370	130	ug/Kg	10	☼	8270D	Total/NA
Benzo[k]fluoranthene	480		370	89	ug/Kg	10	☼	8270D	Total/NA
Chrysene	1100		370	84	ug/Kg	10	☼	8270D	Total/NA
Dibenz(a,h)anthracene	120	J	370	100	ug/Kg	10	☼	8270D	Total/NA
Fluoranthene	6200		370	150	ug/Kg	10	☼	8270D	Total/NA
Fluorene	6500		370	85	ug/Kg	10	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	330	J	370	130	ug/Kg	10	☼	8270D	Total/NA
Phenanthrene	11000		370	160	ug/Kg	10	☼	8270D	Total/NA
Pyrene	4400		370	130	ug/Kg	10	☼	8270D	Total/NA
Naphthalene - DL	68000		1900	360	ug/Kg	50	☼	8270D	Total/NA

Client Sample ID: B-50 15'

Lab Sample ID: 500-54526-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chrysene	15	J	37	8.4	ug/Kg	1	☼	8270D	Total/NA
Naphthalene	70		37	7.2	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	17	J	37	16	ug/Kg	1	☼	8270D	Total/NA
Pyrene	13	J	37	13	ug/Kg	1	☼	8270D	Total/NA

Client Sample ID: B-49 0-2'

Lab Sample ID: 500-54526-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	150	J	170	43	ug/Kg	50	☼	8260B	Total/NA
1-Methylnaphthalene	320		190	96	ug/Kg	5	☼	8270D	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Chicago

Detection Summary

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-49 0-2' (Continued)

Lab Sample ID: 500-54526-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	320	J	980	250	ug/Kg	5	☼	8270D	Total/NA
Acenaphthene	480		190	58	ug/Kg	5	☼	8270D	Total/NA
Acenaphthylene	4700		190	45	ug/Kg	5	☼	8270D	Total/NA
Anthracene	3100		190	46	ug/Kg	5	☼	8270D	Total/NA
Benzo[a]anthracene	9500		190	41	ug/Kg	5	☼	8270D	Total/NA
Benzo[k]fluoranthene	9600		190	46	ug/Kg	5	☼	8270D	Total/NA
Chrysene	13000		190	44	ug/Kg	5	☼	8270D	Total/NA
Dibenz(a,h)anthracene	7400		190	54	ug/Kg	5	☼	8270D	Total/NA
Fluoranthene	9100		190	79	ug/Kg	5	☼	8270D	Total/NA
Fluorene	450		190	44	ug/Kg	5	☼	8270D	Total/NA
Naphthalene	760		190	37	ug/Kg	5	☼	8270D	Total/NA
Phenanthrene	3200		190	81	ug/Kg	5	☼	8270D	Total/NA
Pyrene	11000		190	70	ug/Kg	5	☼	8270D	Total/NA
Benzo[a]pyrene - DL	28000		960	180	ug/Kg	25	☼	8270D	Total/NA
Benzo[b]fluoranthene - DL	38000		960	190	ug/Kg	25	☼	8270D	Total/NA
Benzo[g,h,i]perylene - DL	28000		960	330	ug/Kg	25	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene - DL	23000		960	330	ug/Kg	25	☼	8270D	Total/NA

Client Sample ID: B-49 6-8'

Lab Sample ID: 500-54526-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	360000		6100	640	ug/Kg	1000	☼	8260B	Total/NA
1,3,5-Trimethylbenzene	200000		6100	630	ug/Kg	1000	☼	8260B	Total/NA
Benzene	60000		760	230	ug/Kg	1000	☼	8260B	Total/NA
Ethylbenzene	260000		760	380	ug/Kg	1000	☼	8260B	Total/NA
Isopropylbenzene	24000		6100	760	ug/Kg	1000	☼	8260B	Total/NA
N-Propylbenzene	11000		6100	530	ug/Kg	1000	☼	8260B	Total/NA
p-Isopropyltoluene	11000		6100	560	ug/Kg	1000	☼	8260B	Total/NA
Toluene	310000		760	350	ug/Kg	1000	☼	8260B	Total/NA
Xylenes, Total	860000		1500	210	ug/Kg	1000	☼	8260B	Total/NA
Naphthalene - DL	1000000		610000	150000	ug/Kg	10000	☼	8260B	Total/NA
1-Methylnaphthalene	1200000		51000	25000	ug/Kg	1000	☼	8270D	Total/NA
2-Methylnaphthalene	2100000		260000	66000	ug/Kg	1000	☼	8270D	Total/NA
Acenaphthene	790000		51000	15000	ug/Kg	1000	☼	8270D	Total/NA
Acenaphthylene	80000		51000	12000	ug/Kg	1000	☼	8270D	Total/NA
Anthracene	1200000		51000	12000	ug/Kg	1000	☼	8270D	Total/NA
Benzo[a]anthracene	280000		51000	11000	ug/Kg	1000	☼	8270D	Total/NA
Benzo[a]pyrene	150000		51000	9300	ug/Kg	1000	☼	8270D	Total/NA
Benzo[b]fluoranthene	190000		51000	10000	ug/Kg	1000	☼	8270D	Total/NA
Benzo[g,h,i]perylene	62000		51000	17000	ug/Kg	1000	☼	8270D	Total/NA
Benzo[k]fluoranthene	110000		51000	12000	ug/Kg	1000	☼	8270D	Total/NA
Chrysene	770000		51000	12000	ug/Kg	1000	☼	8270D	Total/NA
Dibenz(a,h)anthracene	22000	J	51000	14000	ug/Kg	1000	☼	8270D	Total/NA
Fluoranthene	1000000		51000	21000	ug/Kg	1000	☼	8270D	Total/NA
Fluorene	770000		51000	12000	ug/Kg	1000	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	52000		51000	17000	ug/Kg	1000	☼	8270D	Total/NA
Phenanthrene	1600000		51000	21000	ug/Kg	1000	☼	8270D	Total/NA
Pyrene	700000		51000	19000	ug/Kg	1000	☼	8270D	Total/NA
Naphthalene - DL	7000000		250000	49000	ug/Kg	5000	☼	8270D	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Chicago

Detection Summary

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-45 0-2'

Lab Sample ID: 500-54526-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1-Methylnaphthalene	150	J	180	91	ug/Kg	5	☼	8270D	Total/NA
Acenaphthene	490		180	55	ug/Kg	5	☼	8270D	Total/NA
Acenaphthylene	320		180	42	ug/Kg	5	☼	8270D	Total/NA
Anthracene	2100		180	43	ug/Kg	5	☼	8270D	Total/NA
Benzo[a]anthracene	4800		180	38	ug/Kg	5	☼	8270D	Total/NA
Benzo[a]pyrene	4600		180	33	ug/Kg	5	☼	8270D	Total/NA
Benzo[b]fluoranthene	6400		180	35	ug/Kg	5	☼	8270D	Total/NA
Benzo[g,h,i]perylene	3600		180	62	ug/Kg	5	☼	8270D	Total/NA
Benzo[k]fluoranthene	2700		180	44	ug/Kg	5	☼	8270D	Total/NA
Chrysene	4700		180	41	ug/Kg	5	☼	8270D	Total/NA
Dibenz(a,h)anthracene	1100		180	51	ug/Kg	5	☼	8270D	Total/NA
Fluoranthene	8600		180	75	ug/Kg	5	☼	8270D	Total/NA
Fluorene	770		180	41	ug/Kg	5	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	3000		180	62	ug/Kg	5	☼	8270D	Total/NA
Naphthalene	170	J	180	35	ug/Kg	5	☼	8270D	Total/NA
Phenanthrene	6200		180	76	ug/Kg	5	☼	8270D	Total/NA
Pyrene	7800		180	66	ug/Kg	5	☼	8270D	Total/NA
PCB-1254	97		19	4.0	ug/Kg	1	☼	8082	Total/NA

Client Sample ID: B-45 8-10'

Lab Sample ID: 500-54526-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]pyrene	9.1	J	38	6.9	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	8.7	J	38	7.4	ug/Kg	1	☼	8270D	Total/NA
Naphthalene	25	J	38	7.3	ug/Kg	1	☼	8270D	Total/NA

Client Sample ID: B-46 0-2'

Lab Sample ID: 500-54526-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	22	J	41	8.6	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	30	J	41	7.5	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	33	J	41	8.0	ug/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	27	J	41	14	ug/Kg	1	☼	8270D	Total/NA
Chrysene	25	J	41	9.2	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	27	J	41	17	ug/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	23	J	41	14	ug/Kg	1	☼	8270D	Total/NA
Pyrene	26	J	41	15	ug/Kg	1	☼	8270D	Total/NA

Client Sample ID: B-46 10-12'

Lab Sample ID: 500-54526-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Anthracene	17	J	39	9.2	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene	27	J	39	8.2	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	28	J	39	7.1	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	36	J	39	7.6	ug/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	20	J	39	13	ug/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	18	J	39	9.3	ug/Kg	1	☼	8270D	Total/NA
Chrysene	39		39	8.8	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	83		39	16	ug/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	17	J	39	13	ug/Kg	1	☼	8270D	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Chicago

Detection Summary

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-46 10-12' (Continued)

Lab Sample ID: 500-54526-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Phenanthrene	52		39	16	ug/Kg	1	☼	8270D	Total/NA
Pyrene	55		39	14	ug/Kg	1	☼	8270D	Total/NA

Client Sample ID: B-47 0-2'

Lab Sample ID: 500-54526-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Anthracene	11	J	39	9.2	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene	120		39	8.2	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	160		39	7.1	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	240		39	7.6	ug/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	130		39	13	ug/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	94		39	9.3	ug/Kg	1	☼	8270D	Total/NA
Chrysene	140		39	8.8	ug/Kg	1	☼	8270D	Total/NA
Dibenz(a,h)anthracene	40		39	11	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	170		39	16	ug/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	110		39	13	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	47		39	16	ug/Kg	1	☼	8270D	Total/NA
Pyrene	150		39	14	ug/Kg	1	☼	8270D	Total/NA

Client Sample ID: B-47 14-15'

Lab Sample ID: 500-54526-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chrysene	16	J	39	8.8	ug/Kg	1	☼	8270D	Total/NA
Naphthalene	9.1	J	39	7.5	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	24	J	39	16	ug/Kg	1	☼	8270D	Total/NA
Pyrene	14	J	39	14	ug/Kg	1	☼	8270D	Total/NA

Client Sample ID: B-71 15'

Lab Sample ID: 500-54526-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	26000		3500	370	ug/Kg	1000	☼	8260B	Total/NA
1,3,5-Trimethylbenzene	15000		3500	360	ug/Kg	1000	☼	8260B	Total/NA
Benzene	1700		440	130	ug/Kg	1000	☼	8260B	Total/NA
Ethylbenzene	8500		440	220	ug/Kg	1000	☼	8260B	Total/NA
Isopropylbenzene	1500	J	3500	440	ug/Kg	1000	☼	8260B	Total/NA
N-Propylbenzene	880	J	3500	310	ug/Kg	1000	☼	8260B	Total/NA
Toluene	8800		440	200	ug/Kg	1000	☼	8260B	Total/NA
Xylenes, Total	41000		880	120	ug/Kg	1000	☼	8260B	Total/NA
Naphthalene - DL	1400000		35000	8700	ug/Kg	10000	☼	8260B	Total/NA
1-Methylnaphthalene	26000		380	190	ug/Kg	10	☼	8270D	Total/NA
2-Methylnaphthalene	53000		19000	5000	ug/Kg	100	☼	8270D	Total/NA
Acenaphthene	30000		380	110	ug/Kg	10	☼	8270D	Total/NA
Acenaphthylene	350	J	380	88	ug/Kg	10	☼	8270D	Total/NA
Anthracene	12000		380	90	ug/Kg	10	☼	8270D	Total/NA
Benzo[a]anthracene	6900		380	80	ug/Kg	10	☼	8270D	Total/NA
Benzo[a]pyrene	4400		380	70	ug/Kg	10	☼	8270D	Total/NA
Benzo[b]fluoranthene	6300		380	74	ug/Kg	10	☼	8270D	Total/NA
Benzo[g,h,i]perylene	2300		380	130	ug/Kg	10	☼	8270D	Total/NA
Benzo[k]fluoranthene	2100		380	91	ug/Kg	10	☼	8270D	Total/NA
Chrysene	6200		380	86	ug/Kg	10	☼	8270D	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Chicago

Detection Summary

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-71 15' (Continued)

Lab Sample ID: 500-54526-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dibenz(a,h)anthracene	670		380	110	ug/Kg	10	☼	8270D	Total/NA
Fluoranthene	26000		380	160	ug/Kg	10	☼	8270D	Total/NA
Fluorene	27000		3800	870	ug/Kg	100	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	2000		380	130	ug/Kg	10	☼	8270D	Total/NA
Naphthalene	190000		3800	740	ug/Kg	100	☼	8270D	Total/NA
Phenanthrene	80000		3800	1600	ug/Kg	100	☼	8270D	Total/NA
Pyrene	20000		380	140	ug/Kg	10	☼	8270D	Total/NA

Client Sample ID: B-71 25'

Lab Sample ID: 500-54526-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	36		19	5.8	ug/Kg	50	☼	8260B	Total/NA
Naphthalene	510		160	38	ug/Kg	50	☼	8260B	Total/NA
Xylenes, Total	32	J	39	5.3	ug/Kg	50	☼	8260B	Total/NA
1-Methylnaphthalene	35	J	37	18	ug/Kg	1	☼	8270D	Total/NA
2-Methylnaphthalene	51	J	190	48	ug/Kg	1	☼	8270D	Total/NA
Acenaphthene	45		37	11	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene	9.4	J	37	7.8	ug/Kg	1	☼	8270D	Total/NA
Chrysene	22	J	37	8.4	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	55		37	15	ug/Kg	1	☼	8270D	Total/NA
Fluorene	29	J	37	8.4	ug/Kg	1	☼	8270D	Total/NA
Naphthalene	170		37	7.2	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	100		37	16	ug/Kg	1	☼	8270D	Total/NA
Pyrene	40		37	13	ug/Kg	1	☼	8270D	Total/NA

Client Sample ID: B-80 15'

Lab Sample ID: 500-54526-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	8.2	J	39	8.2	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	13	J	39	7.6	ug/Kg	1	☼	8270D	Total/NA
Chrysene	14	J	39	8.9	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	24	J	39	16	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	18	J	39	16	ug/Kg	1	☼	8270D	Total/NA
Pyrene	16	J	39	14	ug/Kg	1	☼	8270D	Total/NA

Client Sample ID: B-84 15'

Lab Sample ID: 500-54526-28

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chrysene	14	J	38	8.7	ug/Kg	1	☼	8270D	Total/NA
Pyrene	14	J	38	14	ug/Kg	1	☼	8270D	Total/NA

Client Sample ID: B-86 15'

Lab Sample ID: 500-54526-29

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Anthracene	130		38	9.1	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene	39		38	8.1	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	24	J	38	7.0	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	34	J	38	7.5	ug/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	18	J	38	9.2	ug/Kg	1	☼	8270D	Total/NA
Chrysene	61		38	8.7	ug/Kg	1	☼	8270D	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Chicago

Detection Summary

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-86 15' (Continued)

Lab Sample ID: 500-54526-29

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluoranthene	160		38	16	ug/Kg	1	☼	8270D	Total/NA
Fluorene	34	J	38	8.8	ug/Kg	1	☼	8270D	Total/NA
Naphthalene	8.1	J	38	7.4	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	220		38	16	ug/Kg	1	☼	8270D	Total/NA
Pyrene	110		38	14	ug/Kg	1	☼	8270D	Total/NA

Client Sample ID: B-87 15'

Lab Sample ID: 500-54526-30

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	14000		690	73	ug/Kg	200	☼	8260B	Total/NA
1,3,5-Trimethylbenzene	7700		690	71	ug/Kg	200	☼	8260B	Total/NA
Benzene	1300		86	26	ug/Kg	200	☼	8260B	Total/NA
Ethylbenzene	8100		86	43	ug/Kg	200	☼	8260B	Total/NA
Isopropylbenzene	960		690	87	ug/Kg	200	☼	8260B	Total/NA
N-Propylbenzene	430	J	690	60	ug/Kg	200	☼	8260B	Total/NA
p-Isopropyltoluene	440	J	690	64	ug/Kg	200	☼	8260B	Total/NA
Styrene	670		350	34	ug/Kg	200	☼	8260B	Total/NA
Toluene	8700		86	40	ug/Kg	200	☼	8260B	Total/NA
Xylenes, Total	33000		170	24	ug/Kg	200	☼	8260B	Total/NA
Naphthalene - DL	1000000		35000	8500	ug/Kg	10000	☼	8260B	Total/NA
1-Methylnaphthalene	99000		4100	2000	ug/Kg	100	☼	8270D	Total/NA
2-Methylnaphthalene	200000		20000	5300	ug/Kg	100	☼	8270D	Total/NA
Acenaphthene	47000		4100	1200	ug/Kg	100	☼	8270D	Total/NA
Acenaphthylene	6500		4100	940	ug/Kg	100	☼	8270D	Total/NA
Anthracene	120000		4100	960	ug/Kg	100	☼	8270D	Total/NA
Benzo[a]anthracene	17000		4100	850	ug/Kg	100	☼	8270D	Total/NA
Benzo[a]pyrene	8400		4100	740	ug/Kg	100	☼	8270D	Total/NA
Benzo[b]fluoranthene	11000		4100	790	ug/Kg	100	☼	8270D	Total/NA
Benzo[g,h,i]perylene	3100	J	4100	1400	ug/Kg	100	☼	8270D	Total/NA
Benzo[k]fluoranthene	5800		4100	970	ug/Kg	100	☼	8270D	Total/NA
Chrysene	30000		4100	920	ug/Kg	100	☼	8270D	Total/NA
Dibenz(a,h)anthracene	1700	J	4100	1100	ug/Kg	100	☼	8270D	Total/NA
Fluoranthene	61000		4100	1700	ug/Kg	100	☼	8270D	Total/NA
Fluorene	51000		4100	930	ug/Kg	100	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	3700	J	4100	1400	ug/Kg	100	☼	8270D	Total/NA
Phenanthrene	120000		4100	1700	ug/Kg	100	☼	8270D	Total/NA
Pyrene	45000		4100	1500	ug/Kg	100	☼	8270D	Total/NA
Naphthalene - DL	2500000		41000	7900	ug/Kg	1000	☼	8270D	Total/NA

Client Sample ID: B-87 30'

Lab Sample ID: 500-54526-31

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	10	J	37	7.9	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	8.7	J	37	6.9	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	12	J	37	7.3	ug/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	14	J	37	13	ug/Kg	1	☼	8270D	Total/NA
Chrysene	19	J	37	8.5	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	24	J	37	15	ug/Kg	1	☼	8270D	Total/NA
Naphthalene	50		37	7.3	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	26	J	37	16	ug/Kg	1	☼	8270D	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Chicago

Detection Summary

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-87 30' (Continued)

Lab Sample ID: 500-54526-31

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Pyrene	21	J	37	14	ug/Kg	1	☼	8270D	Total/NA

Client Sample ID: B-81 15'

Lab Sample ID: 500-54526-32

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,3,5-Trimethylbenzene	47	J	170	18	ug/Kg	50	☼	8260B	Total/NA
Ethylbenzene	440		22	11	ug/Kg	50	☼	8260B	Total/NA
Isopropylbenzene	240		170	22	ug/Kg	50	☼	8260B	Total/NA
2-Methylnaphthalene	160	J	200	52	ug/Kg	1	☼	8270D	Total/NA
Acenaphthylene	190		39	9.1	ug/Kg	1	☼	8270D	Total/NA
Anthracene	410		39	9.3	ug/Kg	1	☼	8270D	Total/NA
Chrysene	23	J	39	9.0	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	92		39	16	ug/Kg	1	☼	8270D	Total/NA
Naphthalene	87		39	7.7	ug/Kg	1	☼	8270D	Total/NA
Pyrene	37	J	39	14	ug/Kg	1	☼	8270D	Total/NA
1-Methylnaphthalene - DL	4300		390	200	ug/Kg	10	☼	8270D	Total/NA
Acenaphthene - DL	10000		390	120	ug/Kg	10	☼	8270D	Total/NA
Fluorene - DL	4800		390	90	ug/Kg	10	☼	8270D	Total/NA
Phenanthrene - DL	6600		390	170	ug/Kg	10	☼	8270D	Total/NA

Client Sample ID: B-76 15'

Lab Sample ID: 500-54526-33

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Anthracene	15	J	40	9.4	ug/Kg	1	☼	8270D	Total/NA
Chrysene	20	J	40	9.1	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	23	J	40	16	ug/Kg	1	☼	8270D	Total/NA
Naphthalene	20	J	40	7.7	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	33	J	40	17	ug/Kg	1	☼	8270D	Total/NA
Pyrene	19	J	40	15	ug/Kg	1	☼	8270D	Total/NA

Client Sample ID: B-69 15'

Lab Sample ID: 500-54526-34

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	8.9	J	40	8.4	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	7.7	J	40	7.3	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	13	J	40	7.8	ug/Kg	1	☼	8270D	Total/NA
Chrysene	19	J	40	9.0	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	16	J	40	16	ug/Kg	1	☼	8270D	Total/NA
Pyrene	22	J	40	14	ug/Kg	1	☼	8270D	Total/NA

Client Sample ID: TB-1

Lab Sample ID: 500-54526-35

No Detections

This Detection Summary does not include radiochemical test results.

TestAmerica Chicago

Method Summary

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL CHI
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL CHI
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL CHI
Moisture	Percent Moisture	EPA	TAL CHI

Protocol References:

EPA = US Environmental Protection Agency

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

Laboratory References:

TAL CHI = TestAmerica Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200



Sample Summary

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-54526-1	B-55 0-2'	Solid	02/04/13 10:15	02/13/13 10:10
500-54526-2	B-55 14-15'	Solid	02/04/13 15:50	02/13/13 10:10
500-54526-3	B-57 0-2'	Solid	02/04/13 11:40	02/13/13 10:10
500-54526-4	B-57 8-10'	Solid	02/04/13 16:00	02/13/13 10:10
500-54526-5	B-59 0-2'	Solid	02/04/13 12:55	02/13/13 10:10
500-54526-6	B-59 6-8'	Solid	02/04/13 16:10	02/13/13 10:10
500-54526-7	B-62 0-2'	Solid	02/04/13 14:40	02/13/13 10:10
500-54526-8	B-62 11-12'	Solid	02/04/13 16:20	02/13/13 10:10
500-54526-9	B-97 15'	Solid	02/06/13 09:55	02/13/13 10:10
500-54526-10	B-113 15'	Solid	02/06/13 13:20	02/13/13 10:10
500-54526-11	B-108 15'	Solid	02/06/13 14:15	02/13/13 10:10
500-54526-12	B-48 0-2'	Solid	02/07/13 11:05	02/13/13 10:10
500-54526-13	B-48 10-12'	Solid	02/07/13 11:20	02/13/13 10:10
500-54526-14	B-50 0-2'	Solid	02/07/13 12:10	02/13/13 10:10
500-54526-15	B-50 6-8'	Solid	02/07/13 12:15	02/13/13 10:10
500-54526-16	B-50 15'	Solid	02/07/13 12:20	02/13/13 10:10
500-54526-17	B-49 0-2'	Solid	02/07/13 12:40	02/13/13 10:10
500-54526-18	B-49 6-8'	Solid	02/07/13 12:45	02/13/13 10:10
500-54526-19	B-45 0-2'	Solid	02/07/13 09:15	02/13/13 10:10
500-54526-20	B-45 8-10'	Solid	02/07/13 09:30	02/13/13 10:10
500-54526-21	B-46 0-2'	Solid	02/07/13 10:10	02/13/13 10:10
500-54526-22	B-46 10-12'	Solid	02/07/13 10:25	02/13/13 10:10
500-54526-23	B-47 0-2'	Solid	02/07/13 10:40	02/13/13 10:10
500-54526-24	B-47 14-15'	Solid	02/07/13 10:55	02/13/13 10:10
500-54526-25	B-71 15'	Solid	02/08/13 10:15	02/13/13 10:10
500-54526-26	B-71 25'	Solid	02/08/13 10:35	02/13/13 10:10
500-54526-27	B-80 15'	Solid	02/08/13 12:35	02/13/13 10:10
500-54526-28	B-84 15'	Solid	02/11/13 08:55	02/13/13 10:10
500-54526-29	B-86 15'	Solid	02/11/13 10:30	02/13/13 10:10
500-54526-30	B-87 15'	Solid	02/11/13 11:30	02/13/13 10:10
500-54526-31	B-87 30'	Solid	02/11/13 12:15	02/13/13 10:10
500-54526-32	B-81 15'	Solid	02/11/13 12:40	02/13/13 10:10
500-54526-33	B-76 15'	Solid	02/11/13 13:05	02/13/13 10:10
500-54526-34	B-69 15'	Solid	02/11/13 14:10	02/13/13 10:10
500-54526-35	TB-1	Solid	02/11/13 00:00	02/13/13 10:10

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-55 0-2'

Lab Sample ID: 500-54526-1

Date Collected: 02/04/13 10:15

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 84.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<55		320	55	ug/Kg	*	02/04/13 10:15	02/14/13 15:41	50
1,1,1-Trichloroethane	<32		160	32	ug/Kg	*	02/04/13 10:15	02/14/13 15:41	50
1,1,1,2,2-Tetrachloroethane	<38		160	38	ug/Kg	*	02/04/13 10:15	02/14/13 15:41	50
1,1,1,2-Trichloroethane	<45		160	45	ug/Kg	*	02/04/13 10:15	02/14/13 15:41	50
1,1-Dichloroethane	<30		160	30	ug/Kg	*	02/04/13 10:15	02/14/13 15:41	50
1,1-Dichloroethene	<49		160	49	ug/Kg	*	02/04/13 10:15	02/14/13 15:41	50
1,1-Dichloropropene	<55		160	55	ug/Kg	*	02/04/13 10:15	02/14/13 15:41	50
1,2,3-Trichlorobenzene	<56		320	56	ug/Kg	*	02/04/13 10:15	02/14/13 15:41	50
1,2,3-Trichloropropane	<92		320	92	ug/Kg	*	02/04/13 10:15	02/14/13 15:41	50
1,2,4-Trichlorobenzene	<61		320	61	ug/Kg	*	02/04/13 10:15	02/14/13 15:41	50
1,2,4-Trimethylbenzene	460		320	34	ug/Kg	*	02/04/13 10:15	02/14/13 15:41	50
1,2-Dibromo-3-Chloropropane	<140		320	140	ug/Kg	*	02/04/13 10:15	02/14/13 15:41	50
1,2-Dibromoethane	<50		320	50	ug/Kg	*	02/04/13 10:15	02/14/13 15:41	50
1,2-Dichlorobenzene	<33		320	33	ug/Kg	*	02/04/13 10:15	02/14/13 15:41	50
1,2-Dichloroethane	<46		160	46	ug/Kg	*	02/04/13 10:15	02/14/13 15:41	50
1,2-Dichloropropane	<31		160	31	ug/Kg	*	02/04/13 10:15	02/14/13 15:41	50
1,3,5-Trimethylbenzene	200 J		320	33	ug/Kg	*	02/04/13 10:15	02/14/13 15:41	50
1,3-Dichlorobenzene	<41		320	41	ug/Kg	*	02/04/13 10:15	02/14/13 15:41	50
1,3-Dichloropropane	<21		160	21	ug/Kg	*	02/04/13 10:15	02/14/13 15:41	50
1,4-Dichlorobenzene	<28		320	28	ug/Kg	*	02/04/13 10:15	02/14/13 15:41	50
2,2-Dichloropropane	<51		160	51	ug/Kg	*	02/04/13 10:15	02/14/13 15:41	50
2-Chlorotoluene	<33		160	33	ug/Kg	*	02/04/13 10:15	02/14/13 15:41	50
4-Chlorotoluene	<32		160	32	ug/Kg	*	02/04/13 10:15	02/14/13 15:41	50
Benzene	<12		40	12	ug/Kg	*	02/04/13 10:15	02/14/13 15:41	50
Bromobenzene	<68		320	68	ug/Kg	*	02/04/13 10:15	02/14/13 15:41	50
Bromochloromethane	<61		320	61	ug/Kg	*	02/04/13 10:15	02/14/13 15:41	50
Bromodichloromethane	<54		320	54	ug/Kg	*	02/04/13 10:15	02/14/13 15:41	50
Bromoform	<71		320	71	ug/Kg	*	02/04/13 10:15	02/14/13 15:41	50
Bromomethane	<110		320	110	ug/Kg	*	02/04/13 10:15	02/14/13 15:41	50
Carbon tetrachloride	<41		160	41	ug/Kg	*	02/04/13 10:15	02/14/13 15:41	50
Chlorobenzene	<23		160	23	ug/Kg	*	02/04/13 10:15	02/14/13 15:41	50
Chloroethane	<70		320	70	ug/Kg	*	02/04/13 10:15	02/14/13 15:41	50
Chloroform	<33		160	33	ug/Kg	*	02/04/13 10:15	02/14/13 15:41	50
Chloromethane	<74		320	74	ug/Kg	*	02/04/13 10:15	02/14/13 15:41	50
cis-1,2-Dichloroethene	<20		160	20	ug/Kg	*	02/04/13 10:15	02/14/13 15:41	50
cis-1,3-Dichloropropene	<29		160	29	ug/Kg	*	02/04/13 10:15	02/14/13 15:41	50
Dibromochloromethane	<55		320	55	ug/Kg	*	02/04/13 10:15	02/14/13 15:41	50
Dibromomethane	<77		320	77	ug/Kg	*	02/04/13 10:15	02/14/13 15:41	50
Dichlorodifluoromethane	<82		320	82	ug/Kg	*	02/04/13 10:15	02/14/13 15:41	50
Ethylbenzene	79		40	20	ug/Kg	*	02/04/13 10:15	02/14/13 15:41	50
Hexachlorobutadiene	<55		320	55	ug/Kg	*	02/04/13 10:15	02/14/13 15:41	50
Isopropyl ether	<24		320	24	ug/Kg	*	02/04/13 10:15	02/14/13 15:41	50
Isopropylbenzene	<40		320	40	ug/Kg	*	02/04/13 10:15	02/14/13 15:41	50
Methyl tert-butyl ether	<69		320	69	ug/Kg	*	02/04/13 10:15	02/14/13 15:41	50
Methylene Chloride	<110		800	110	ug/Kg	*	02/04/13 10:15	02/14/13 15:41	50
Naphthalene	700		320	79	ug/Kg	*	02/04/13 10:15	02/14/13 15:41	50
n-Butylbenzene	<21		160	21	ug/Kg	*	02/04/13 10:15	02/14/13 15:41	50
N-Propylbenzene	<28		320	28	ug/Kg	*	02/04/13 10:15	02/14/13 15:41	50
p-Isopropyltoluene	<30		320	30	ug/Kg	*	02/04/13 10:15	02/14/13 15:41	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-55 0-2'

Lab Sample ID: 500-54526-1

Date Collected: 02/04/13 10:15

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 84.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<25		160	25	ug/Kg	☼	02/04/13 10:15	02/14/13 15:41	50
Styrene	<16		160	16	ug/Kg	☼	02/04/13 10:15	02/14/13 15:41	50
tert-Butylbenzene	<22		160	22	ug/Kg	☼	02/04/13 10:15	02/14/13 15:41	50
Tetrachloroethene	<27		160	27	ug/Kg	☼	02/04/13 10:15	02/14/13 15:41	50
Toluene	220		40	18	ug/Kg	☼	02/04/13 10:15	02/14/13 15:41	50
trans-1,2-Dichloroethene	<40		160	40	ug/Kg	☼	02/04/13 10:15	02/14/13 15:41	50
trans-1,3-Dichloropropene	<33		160	33	ug/Kg	☼	02/04/13 10:15	02/14/13 15:41	50
Trichloroethene	<30		80	30	ug/Kg	☼	02/04/13 10:15	02/14/13 15:41	50
Trichlorofluoromethane	<67		320	67	ug/Kg	☼	02/04/13 10:15	02/14/13 15:41	50
Vinyl chloride	<17		40	17	ug/Kg	☼	02/04/13 10:15	02/14/13 15:41	50
Xylenes, Total	860		80	11	ug/Kg	☼	02/04/13 10:15	02/14/13 15:41	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		75 - 125				02/04/13 10:15	02/14/13 15:41	50
4-Bromofluorobenzene (Surr)	90		75 - 120				02/04/13 10:15	02/14/13 15:41	50
Dibromofluoromethane	91		75 - 120				02/04/13 10:15	02/14/13 15:41	50
Toluene-d8 (Surr)	91		75 - 120				02/04/13 10:15	02/14/13 15:41	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	580		38	19	ug/Kg	☼	02/14/13 07:12	02/26/13 11:57	1
2-Methylnaphthalene	500		190	50	ug/Kg	☼	02/14/13 07:12	02/26/13 11:57	1
Acenaphthene	12	J	38	12	ug/Kg	☼	02/14/13 07:12	02/26/13 11:57	1
Acenaphthylene	22	J	38	8.8	ug/Kg	☼	02/14/13 07:12	02/26/13 11:57	1
Anthracene	72		38	9.0	ug/Kg	☼	02/14/13 07:12	02/26/13 11:57	1
Benzo[a]anthracene	170		38	8.1	ug/Kg	☼	02/14/13 07:12	02/26/13 11:57	1
Benzo[a]pyrene	170		38	7.0	ug/Kg	☼	02/14/13 07:12	02/26/13 11:57	1
Benzo[b]fluoranthene	230		38	7.5	ug/Kg	☼	02/14/13 07:12	02/26/13 11:57	1
Benzo[g,h,i]perylene	120		38	13	ug/Kg	☼	02/14/13 07:12	02/26/13 11:57	1
Benzo[k]fluoranthene	110		38	9.2	ug/Kg	☼	02/14/13 07:12	02/26/13 11:57	1
Chrysene	210		38	8.7	ug/Kg	☼	02/14/13 07:12	02/26/13 11:57	1
Dibenz(a,h)anthracene	40		38	11	ug/Kg	☼	02/14/13 07:12	02/26/13 11:57	1
Fluoranthene	290		38	16	ug/Kg	☼	02/14/13 07:12	02/26/13 11:57	1
Fluorene	29	J	38	8.7	ug/Kg	☼	02/14/13 07:12	02/26/13 11:57	1
Indeno[1,2,3-cd]pyrene	96		38	13	ug/Kg	☼	02/14/13 07:12	02/26/13 11:57	1
Naphthalene	290		38	7.4	ug/Kg	☼	02/14/13 07:12	02/26/13 11:57	1
Phenanthrene	670		38	16	ug/Kg	☼	02/14/13 07:12	02/26/13 11:57	1
Pyrene	240		38	14	ug/Kg	☼	02/14/13 07:12	02/26/13 11:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	52		30 - 119				02/14/13 07:12	02/26/13 11:57	1
Nitrobenzene-d5 (Surr)	47		30 - 115				02/14/13 07:12	02/26/13 11:57	1
Terphenyl-d14 (Surr)	51		36 - 134				02/14/13 07:12	02/26/13 11:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<6.7		19	6.7	ug/Kg	☼	02/13/13 18:40	02/15/13 13:00	1
PCB-1221	<8.3		19	8.3	ug/Kg	☼	02/13/13 18:40	02/15/13 13:00	1
PCB-1232	<8.2		19	8.2	ug/Kg	☼	02/13/13 18:40	02/15/13 13:00	1
PCB-1242	<6.2		19	6.2	ug/Kg	☼	02/13/13 18:40	02/15/13 13:00	1

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-55 0-2'

Lab Sample ID: 500-54526-1

Date Collected: 02/04/13 10:15

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 84.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	<7.5		19	7.5	ug/Kg	☼	02/13/13 18:40	02/15/13 13:00	1
PCB-1254	<4.1		19	4.1	ug/Kg	☼	02/13/13 18:40	02/15/13 13:00	1
PCB-1260	<9.3		19	9.3	ug/Kg	☼	02/13/13 18:40	02/15/13 13:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	58		50 - 116	02/13/13 18:40	02/15/13 13:00	1
DCB Decachlorobiphenyl	75		48 - 142	02/13/13 18:40	02/15/13 13:00	1

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-55 14-15'

Lab Sample ID: 500-54526-2

Date Collected: 02/04/13 15:50

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 85.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<30		170	30	ug/Kg	*	02/04/13 15:50	02/14/13 16:04	50
1,1,1-Trichloroethane	<17		86	17	ug/Kg	*	02/04/13 15:50	02/14/13 16:04	50
1,1,1,2,2-Tetrachloroethane	<20		86	20	ug/Kg	*	02/04/13 15:50	02/14/13 16:04	50
1,1,1,2-Trichloroethane	<24		86	24	ug/Kg	*	02/04/13 15:50	02/14/13 16:04	50
1,1-Dichloroethane	<16		86	16	ug/Kg	*	02/04/13 15:50	02/14/13 16:04	50
1,1-Dichloroethene	<27		86	27	ug/Kg	*	02/04/13 15:50	02/14/13 16:04	50
1,1-Dichloropropene	<30		86	30	ug/Kg	*	02/04/13 15:50	02/14/13 16:04	50
1,2,3-Trichlorobenzene	<30		170	30	ug/Kg	*	02/04/13 15:50	02/14/13 16:04	50
1,2,3-Trichloropropane	<50		170	50	ug/Kg	*	02/04/13 15:50	02/14/13 16:04	50
1,2,4-Trichlorobenzene	<33		170	33	ug/Kg	*	02/04/13 15:50	02/14/13 16:04	50
1,2,4-Trimethylbenzene	<18		170	18	ug/Kg	*	02/04/13 15:50	02/14/13 16:04	50
1,2-Dibromo-3-Chloropropane	<75		170	75	ug/Kg	*	02/04/13 15:50	02/14/13 16:04	50
1,2-Dibromoethane	<27		170	27	ug/Kg	*	02/04/13 15:50	02/14/13 16:04	50
1,2-Dichlorobenzene	<18		170	18	ug/Kg	*	02/04/13 15:50	02/14/13 16:04	50
1,2-Dichloroethane	<25		86	25	ug/Kg	*	02/04/13 15:50	02/14/13 16:04	50
1,2-Dichloropropane	<17		86	17	ug/Kg	*	02/04/13 15:50	02/14/13 16:04	50
1,3,5-Trimethylbenzene	<18		170	18	ug/Kg	*	02/04/13 15:50	02/14/13 16:04	50
1,3-Dichlorobenzene	<22		170	22	ug/Kg	*	02/04/13 15:50	02/14/13 16:04	50
1,3-Dichloropropane	<12		86	12	ug/Kg	*	02/04/13 15:50	02/14/13 16:04	50
1,4-Dichlorobenzene	<15		170	15	ug/Kg	*	02/04/13 15:50	02/14/13 16:04	50
2,2-Dichloropropane	<27		86	27	ug/Kg	*	02/04/13 15:50	02/14/13 16:04	50
2-Chlorotoluene	<18		86	18	ug/Kg	*	02/04/13 15:50	02/14/13 16:04	50
4-Chlorotoluene	<17		86	17	ug/Kg	*	02/04/13 15:50	02/14/13 16:04	50
Benzene	<6.4		22	6.4	ug/Kg	*	02/04/13 15:50	02/14/13 16:04	50
Bromobenzene	<37		170	37	ug/Kg	*	02/04/13 15:50	02/14/13 16:04	50
Bromochloromethane	<33		170	33	ug/Kg	*	02/04/13 15:50	02/14/13 16:04	50
Bromodichloromethane	<29		170	29	ug/Kg	*	02/04/13 15:50	02/14/13 16:04	50
Bromoform	<38		170	38	ug/Kg	*	02/04/13 15:50	02/14/13 16:04	50
Bromomethane	<59		170	59	ug/Kg	*	02/04/13 15:50	02/14/13 16:04	50
Carbon tetrachloride	<22		86	22	ug/Kg	*	02/04/13 15:50	02/14/13 16:04	50
Chlorobenzene	<12		86	12	ug/Kg	*	02/04/13 15:50	02/14/13 16:04	50
Chloroethane	<38		170	38	ug/Kg	*	02/04/13 15:50	02/14/13 16:04	50
Chloroform	<18		86	18	ug/Kg	*	02/04/13 15:50	02/14/13 16:04	50
Chloromethane	<40		170	40	ug/Kg	*	02/04/13 15:50	02/14/13 16:04	50
cis-1,2-Dichloroethene	<11		86	11	ug/Kg	*	02/04/13 15:50	02/14/13 16:04	50
cis-1,3-Dichloropropene	<15		86	15	ug/Kg	*	02/04/13 15:50	02/14/13 16:04	50
Dibromochloromethane	<30		170	30	ug/Kg	*	02/04/13 15:50	02/14/13 16:04	50
Dibromomethane	<41		170	41	ug/Kg	*	02/04/13 15:50	02/14/13 16:04	50
Dichlorodifluoromethane	<44		170	44	ug/Kg	*	02/04/13 15:50	02/14/13 16:04	50
Ethylbenzene	<11		22	11	ug/Kg	*	02/04/13 15:50	02/14/13 16:04	50
Hexachlorobutadiene	<30		170	30	ug/Kg	*	02/04/13 15:50	02/14/13 16:04	50
Isopropyl ether	<13		170	13	ug/Kg	*	02/04/13 15:50	02/14/13 16:04	50
Isopropylbenzene	<22		170	22	ug/Kg	*	02/04/13 15:50	02/14/13 16:04	50
Methyl tert-butyl ether	<37		170	37	ug/Kg	*	02/04/13 15:50	02/14/13 16:04	50
Methylene Chloride	<59		430	59	ug/Kg	*	02/04/13 15:50	02/14/13 16:04	50
Naphthalene	<43		170	43	ug/Kg	*	02/04/13 15:50	02/14/13 16:04	50
n-Butylbenzene	<11		86	11	ug/Kg	*	02/04/13 15:50	02/14/13 16:04	50
N-Propylbenzene	<15		170	15	ug/Kg	*	02/04/13 15:50	02/14/13 16:04	50
p-Isopropyltoluene	<16		170	16	ug/Kg	*	02/04/13 15:50	02/14/13 16:04	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-55 14-15'

Lab Sample ID: 500-54526-2

Date Collected: 02/04/13 15:50

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 85.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<13		86	13	ug/Kg	☼	02/04/13 15:50	02/14/13 16:04	50
Styrene	<8.5		86	8.5	ug/Kg	☼	02/04/13 15:50	02/14/13 16:04	50
tert-Butylbenzene	<12		86	12	ug/Kg	☼	02/04/13 15:50	02/14/13 16:04	50
Tetrachloroethene	<14		86	14	ug/Kg	☼	02/04/13 15:50	02/14/13 16:04	50
Toluene	<9.9		22	9.9	ug/Kg	☼	02/04/13 15:50	02/14/13 16:04	50
trans-1,2-Dichloroethene	<22		86	22	ug/Kg	☼	02/04/13 15:50	02/14/13 16:04	50
trans-1,3-Dichloropropene	<18		86	18	ug/Kg	☼	02/04/13 15:50	02/14/13 16:04	50
Trichloroethene	<16		43	16	ug/Kg	☼	02/04/13 15:50	02/14/13 16:04	50
Trichlorofluoromethane	<36		170	36	ug/Kg	☼	02/04/13 15:50	02/14/13 16:04	50
Vinyl chloride	<9.0		22	9.0	ug/Kg	☼	02/04/13 15:50	02/14/13 16:04	50
Xylenes, Total	<5.9		43	5.9	ug/Kg	☼	02/04/13 15:50	02/14/13 16:04	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		75 - 125				02/04/13 15:50	02/14/13 16:04	50
4-Bromofluorobenzene (Surr)	95		75 - 120				02/04/13 15:50	02/14/13 16:04	50
Dibromofluoromethane	92		75 - 120				02/04/13 15:50	02/14/13 16:04	50
Toluene-d8 (Surr)	95		75 - 120				02/04/13 15:50	02/14/13 16:04	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<19		38	19	ug/Kg	☼	02/14/13 07:12	02/22/13 14:46	1
2-Methylnaphthalene	<50		190	50	ug/Kg	☼	02/14/13 07:12	02/22/13 14:46	1
Acenaphthene	<12		38	12	ug/Kg	☼	02/14/13 07:12	02/22/13 14:46	1
Acenaphthylene	<8.9		38	8.9	ug/Kg	☼	02/14/13 07:12	02/22/13 14:46	1
Anthracene	<9.1		38	9.1	ug/Kg	☼	02/14/13 07:12	02/22/13 14:46	1
Benzo[a]anthracene	<8.1		38	8.1	ug/Kg	☼	02/14/13 07:12	02/22/13 14:46	1
Benzo[a]pyrene	<7.0		38	7.0	ug/Kg	☼	02/14/13 07:12	02/22/13 14:46	1
Benzo[b]fluoranthene	<7.5		38	7.5	ug/Kg	☼	02/14/13 07:12	02/22/13 14:46	1
Benzo[g,h,i]perylene	<13		38	13	ug/Kg	☼	02/14/13 07:12	02/22/13 14:46	1
Benzo[k]fluoranthene	<9.2		38	9.2	ug/Kg	☼	02/14/13 07:12	02/22/13 14:46	1
Chrysene	10	J	38	8.7	ug/Kg	☼	02/14/13 07:12	02/22/13 14:46	1
Dibenz(a,h)anthracene	<11		38	11	ug/Kg	☼	02/14/13 07:12	02/22/13 14:46	1
Fluoranthene	<16		38	16	ug/Kg	☼	02/14/13 07:12	02/22/13 14:46	1
Fluorene	<8.8		38	8.8	ug/Kg	☼	02/14/13 07:12	02/22/13 14:46	1
Indeno[1,2,3-cd]pyrene	<13		38	13	ug/Kg	☼	02/14/13 07:12	02/22/13 14:46	1
Naphthalene	20	J	38	7.5	ug/Kg	☼	02/14/13 07:12	02/22/13 14:46	1
Phenanthrene	17	J	38	16	ug/Kg	☼	02/14/13 07:12	02/22/13 14:46	1
Pyrene	<14		38	14	ug/Kg	☼	02/14/13 07:12	02/22/13 14:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	57		30 - 119				02/14/13 07:12	02/22/13 14:46	1
Nitrobenzene-d5 (Surr)	51		30 - 115				02/14/13 07:12	02/22/13 14:46	1
Terphenyl-d14 (Surr)	93		36 - 134				02/14/13 07:12	02/22/13 14:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<6.7		19	6.7	ug/Kg	☼	02/13/13 18:40	02/15/13 13:14	1
PCB-1221	<8.3		19	8.3	ug/Kg	☼	02/13/13 18:40	02/15/13 13:14	1
PCB-1232	<8.2		19	8.2	ug/Kg	☼	02/13/13 18:40	02/15/13 13:14	1
PCB-1242	<6.2		19	6.2	ug/Kg	☼	02/13/13 18:40	02/15/13 13:14	1

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-55 14-15'

Lab Sample ID: 500-54526-2

Date Collected: 02/04/13 15:50

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 85.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	<7.4		19	7.4	ug/Kg	☼	02/13/13 18:40	02/15/13 13:14	1
PCB-1254	<4.1		19	4.1	ug/Kg	☼	02/13/13 18:40	02/15/13 13:14	1
PCB-1260	<9.3		19	9.3	ug/Kg	☼	02/13/13 18:40	02/15/13 13:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	55		50 - 116	02/13/13 18:40	02/15/13 13:14	1
DCB Decachlorobiphenyl	83		48 - 142	02/13/13 18:40	02/15/13 13:14	1



Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-57 0-2'

Lab Sample ID: 500-54526-3

Date Collected: 02/04/13 11:40

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 84.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<150		890	150	ug/Kg	☼	02/04/13 11:40	02/14/13 18:42	200
1,1,1-Trichloroethane	<89		440	89	ug/Kg	☼	02/04/13 11:40	02/14/13 18:42	200
1,1,1,2,2-Tetrachloroethane	<100		440	100	ug/Kg	☼	02/04/13 11:40	02/14/13 18:42	200
1,1,2-Trichloroethane	<120		440	120	ug/Kg	☼	02/04/13 11:40	02/14/13 18:42	200
1,1-Dichloroethane	<82		440	82	ug/Kg	☼	02/04/13 11:40	02/14/13 18:42	200
1,1-Dichloroethene	<140		440	140	ug/Kg	☼	02/04/13 11:40	02/14/13 18:42	200
1,1-Dichloropropene	<150		440	150	ug/Kg	☼	02/04/13 11:40	02/14/13 18:42	200
1,2,3-Trichlorobenzene	<160		890	160	ug/Kg	☼	02/04/13 11:40	02/14/13 18:42	200
1,2,3-Trichloropropane	<260		890	260	ug/Kg	☼	02/04/13 11:40	02/14/13 18:42	200
1,2,4-Trichlorobenzene	<170		890	170	ug/Kg	☼	02/04/13 11:40	02/14/13 18:42	200
1,2,4-Trimethylbenzene	360	J	890	94	ug/Kg	☼	02/04/13 11:40	02/14/13 18:42	200
1,2-Dibromo-3-Chloropropane	<390		890	390	ug/Kg	☼	02/04/13 11:40	02/14/13 18:42	200
1,2-Dibromoethane	<140		890	140	ug/Kg	☼	02/04/13 11:40	02/14/13 18:42	200
1,2-Dichlorobenzene	<91		890	91	ug/Kg	☼	02/04/13 11:40	02/14/13 18:42	200
1,2-Dichloroethane	<130		440	130	ug/Kg	☼	02/04/13 11:40	02/14/13 18:42	200
1,2-Dichloropropane	<87		440	87	ug/Kg	☼	02/04/13 11:40	02/14/13 18:42	200
1,3,5-Trimethylbenzene	330	J	890	92	ug/Kg	☼	02/04/13 11:40	02/14/13 18:42	200
1,3-Dichlorobenzene	<110		890	110	ug/Kg	☼	02/04/13 11:40	02/14/13 18:42	200
1,3-Dichloropropane	<60		440	60	ug/Kg	☼	02/04/13 11:40	02/14/13 18:42	200
1,4-Dichlorobenzene	<77		890	77	ug/Kg	☼	02/04/13 11:40	02/14/13 18:42	200
2,2-Dichloropropane	<140		440	140	ug/Kg	☼	02/04/13 11:40	02/14/13 18:42	200
2-Chlorotoluene	<92		440	92	ug/Kg	☼	02/04/13 11:40	02/14/13 18:42	200
4-Chlorotoluene	<88		440	88	ug/Kg	☼	02/04/13 11:40	02/14/13 18:42	200
Benzene	<33		110	33	ug/Kg	☼	02/04/13 11:40	02/14/13 18:42	200
Bromobenzene	<190		890	190	ug/Kg	☼	02/04/13 11:40	02/14/13 18:42	200
Bromochloromethane	<170		890	170	ug/Kg	☼	02/04/13 11:40	02/14/13 18:42	200
Bromodichloromethane	<150		890	150	ug/Kg	☼	02/04/13 11:40	02/14/13 18:42	200
Bromoform	<200		890	200	ug/Kg	☼	02/04/13 11:40	02/14/13 18:42	200
Bromomethane	<300		890	300	ug/Kg	☼	02/04/13 11:40	02/14/13 18:42	200
Carbon tetrachloride	<110		440	110	ug/Kg	☼	02/04/13 11:40	02/14/13 18:42	200
Chlorobenzene	<64		440	64	ug/Kg	☼	02/04/13 11:40	02/14/13 18:42	200
Chloroethane	<190		890	190	ug/Kg	☼	02/04/13 11:40	02/14/13 18:42	200
Chloroform	<91		440	91	ug/Kg	☼	02/04/13 11:40	02/14/13 18:42	200
Chloromethane	<210		890	210	ug/Kg	☼	02/04/13 11:40	02/14/13 18:42	200
cis-1,2-Dichloroethene	<55		440	55	ug/Kg	☼	02/04/13 11:40	02/14/13 18:42	200
cis-1,3-Dichloropropene	<79		440	79	ug/Kg	☼	02/04/13 11:40	02/14/13 18:42	200
Dibromochloromethane	<150		890	150	ug/Kg	☼	02/04/13 11:40	02/14/13 18:42	200
Dibromomethane	<210		890	210	ug/Kg	☼	02/04/13 11:40	02/14/13 18:42	200
Dichlorodifluoromethane	<230		890	230	ug/Kg	☼	02/04/13 11:40	02/14/13 18:42	200
Ethylbenzene	<56		110	56	ug/Kg	☼	02/04/13 11:40	02/14/13 18:42	200
Hexachlorobutadiene	<150		890	150	ug/Kg	☼	02/04/13 11:40	02/14/13 18:42	200
Isopropyl ether	<65		890	65	ug/Kg	☼	02/04/13 11:40	02/14/13 18:42	200
Isopropylbenzene	<110		890	110	ug/Kg	☼	02/04/13 11:40	02/14/13 18:42	200
Methyl tert-butyl ether	<190		890	190	ug/Kg	☼	02/04/13 11:40	02/14/13 18:42	200
Methylene Chloride	<300		2200	300	ug/Kg	☼	02/04/13 11:40	02/14/13 18:42	200
n-Butylbenzene	<57		440	57	ug/Kg	☼	02/04/13 11:40	02/14/13 18:42	200
N-Propylbenzene	<78		890	78	ug/Kg	☼	02/04/13 11:40	02/14/13 18:42	200
p-Isopropyltoluene	<82		890	82	ug/Kg	☼	02/04/13 11:40	02/14/13 18:42	200
sec-Butylbenzene	<68		440	68	ug/Kg	☼	02/04/13 11:40	02/14/13 18:42	200

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-57 0-2'

Lab Sample ID: 500-54526-3

Date Collected: 02/04/13 11:40

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 84.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	<44		440	44	ug/Kg	☼	02/04/13 11:40	02/14/13 18:42	200
tert-Butylbenzene	<60		440	60	ug/Kg	☼	02/04/13 11:40	02/14/13 18:42	200
Tetrachloroethene	<74		440	74	ug/Kg	☼	02/04/13 11:40	02/14/13 18:42	200
Toluene	<51		110	51	ug/Kg	☼	02/04/13 11:40	02/14/13 18:42	200
trans-1,2-Dichloroethene	<110		440	110	ug/Kg	☼	02/04/13 11:40	02/14/13 18:42	200
trans-1,3-Dichloropropene	<92		440	92	ug/Kg	☼	02/04/13 11:40	02/14/13 18:42	200
Trichloroethene	<83		220	83	ug/Kg	☼	02/04/13 11:40	02/14/13 18:42	200
Trichlorofluoromethane	<180		890	180	ug/Kg	☼	02/04/13 11:40	02/14/13 18:42	200
Vinyl chloride	<46		110	46	ug/Kg	☼	02/04/13 11:40	02/14/13 18:42	200
Xylenes, Total	<30		220	30	ug/Kg	☼	02/04/13 11:40	02/14/13 18:42	200
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		75 - 125				02/04/13 11:40	02/14/13 18:42	200
4-Bromofluorobenzene (Surr)	90		75 - 120				02/04/13 11:40	02/14/13 18:42	200
Dibromofluoromethane	93		75 - 120				02/04/13 11:40	02/14/13 18:42	200
Toluene-d8 (Surr)	93		75 - 120				02/04/13 11:40	02/14/13 18:42	200

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	170000		8900	2200	ug/Kg	☼	02/04/13 11:40	02/14/13 19:05	2000
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		75 - 125				02/04/13 11:40	02/14/13 19:05	2000
4-Bromofluorobenzene (Surr)	93		75 - 120				02/04/13 11:40	02/14/13 19:05	2000
Dibromofluoromethane	93		75 - 120				02/04/13 11:40	02/14/13 19:05	2000
Toluene-d8 (Surr)	89		75 - 120				02/04/13 11:40	02/14/13 19:05	2000

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	22000		1900	940	ug/Kg	☼	02/14/13 07:12	02/22/13 20:19	50
2-Methylnaphthalene	29000		9500	2500	ug/Kg	☼	02/14/13 07:12	02/22/13 20:19	50
Acenaphthene	65000		1900	570	ug/Kg	☼	02/14/13 07:12	02/22/13 20:19	50
Acenaphthylene	11000		1900	440	ug/Kg	☼	02/14/13 07:12	02/22/13 20:19	50
Benzo[g,h,i]perylene	79000		1900	640	ug/Kg	☼	02/14/13 07:12	02/22/13 20:19	50
Benzo[k]fluoranthene	100000		1900	450	ug/Kg	☼	02/14/13 07:12	02/22/13 20:19	50
Dibenz(a,h)anthracene	25000		1900	530	ug/Kg	☼	02/14/13 07:12	02/22/13 20:19	50
Fluorene	130000		1900	430	ug/Kg	☼	02/14/13 07:12	02/22/13 20:19	50
Indeno[1,2,3-cd]pyrene	73000		1900	640	ug/Kg	☼	02/14/13 07:12	02/22/13 20:19	50
Naphthalene	54000		1900	360	ug/Kg	☼	02/14/13 07:12	02/22/13 20:19	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	96		30 - 119				02/14/13 07:12	02/22/13 20:19	50
Nitrobenzene-d5 (Surr)	64		30 - 115				02/14/13 07:12	02/22/13 20:19	50
Terphenyl-d14 (Surr)	100		36 - 134				02/14/13 07:12	02/22/13 20:19	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	180000		9400	2200	ug/Kg	☼	02/14/13 07:12	02/26/13 12:20	250
Benzo[a]anthracene	180000		9400	2000	ug/Kg	☼	02/14/13 07:12	02/26/13 12:20	250
Benzo[a]pyrene	160000		9400	1700	ug/Kg	☼	02/14/13 07:12	02/26/13 12:20	250
Benzo[b]fluoranthene	170000		9400	1800	ug/Kg	☼	02/14/13 07:12	02/26/13 12:20	250

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-57 0-2'

Lab Sample ID: 500-54526-3

Date Collected: 02/04/13 11:40

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 84.7

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - DL (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	180000		9400	2100	ug/Kg	☼	02/14/13 07:12	02/26/13 12:20	250
Fluoranthene	450000		9400	3900	ug/Kg	☼	02/14/13 07:12	02/26/13 12:20	250
Phenanthrene	470000		9400	4000	ug/Kg	☼	02/14/13 07:12	02/26/13 12:20	250
Pyrene	340000		9400	3400	ug/Kg	☼	02/14/13 07:12	02/26/13 12:20	250

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<6.9		20	6.9	ug/Kg	☼	02/13/13 18:40	02/15/13 13:28	1
PCB-1221	<8.6		20	8.6	ug/Kg	☼	02/13/13 18:40	02/15/13 13:28	1
PCB-1232	<8.5		20	8.5	ug/Kg	☼	02/13/13 18:40	02/15/13 13:28	1
PCB-1242	<6.4		20	6.4	ug/Kg	☼	02/13/13 18:40	02/15/13 13:28	1
PCB-1248	<7.7		20	7.7	ug/Kg	☼	02/13/13 18:40	02/15/13 13:28	1
PCB-1254	<4.2		20	4.2	ug/Kg	☼	02/13/13 18:40	02/15/13 13:28	1
PCB-1260	<9.6		20	9.6	ug/Kg	☼	02/13/13 18:40	02/15/13 13:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	51		50 - 116	02/13/13 18:40	02/15/13 13:28	1
DCB Decachlorobiphenyl	61		48 - 142	02/13/13 18:40	02/15/13 13:28	1

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-57 8-10'

Lab Sample ID: 500-54526-4

Date Collected: 02/04/13 16:00

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 86.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<28		160	28	ug/Kg	*	02/04/13 16:00	02/14/13 16:26	50
1,1,1-Trichloroethane	<16		82	16	ug/Kg	*	02/04/13 16:00	02/14/13 16:26	50
1,1,2,2-Tetrachloroethane	<19		82	19	ug/Kg	*	02/04/13 16:00	02/14/13 16:26	50
1,1,2-Trichloroethane	<23		82	23	ug/Kg	*	02/04/13 16:00	02/14/13 16:26	50
1,1-Dichloroethane	<15		82	15	ug/Kg	*	02/04/13 16:00	02/14/13 16:26	50
1,1-Dichloroethene	<25		82	25	ug/Kg	*	02/04/13 16:00	02/14/13 16:26	50
1,1-Dichloropropene	<28		82	28	ug/Kg	*	02/04/13 16:00	02/14/13 16:26	50
1,2,3-Trichlorobenzene	<29		160	29	ug/Kg	*	02/04/13 16:00	02/14/13 16:26	50
1,2,3-Trichloropropane	<47		160	47	ug/Kg	*	02/04/13 16:00	02/14/13 16:26	50
1,2,4-Trichlorobenzene	<31		160	31	ug/Kg	*	02/04/13 16:00	02/14/13 16:26	50
1,2,4-Trimethylbenzene	<17		160	17	ug/Kg	*	02/04/13 16:00	02/14/13 16:26	50
1,2-Dibromo-3-Chloropropane	<71		160	71	ug/Kg	*	02/04/13 16:00	02/14/13 16:26	50
1,2-Dibromoethane	<26		160	26	ug/Kg	*	02/04/13 16:00	02/14/13 16:26	50
1,2-Dichlorobenzene	<17		160	17	ug/Kg	*	02/04/13 16:00	02/14/13 16:26	50
1,2-Dichloroethane	<23		82	23	ug/Kg	*	02/04/13 16:00	02/14/13 16:26	50
1,2-Dichloropropane	<16		82	16	ug/Kg	*	02/04/13 16:00	02/14/13 16:26	50
1,3,5-Trimethylbenzene	<17		160	17	ug/Kg	*	02/04/13 16:00	02/14/13 16:26	50
1,3-Dichlorobenzene	<21		160	21	ug/Kg	*	02/04/13 16:00	02/14/13 16:26	50
1,3-Dichloropropane	<11		82	11	ug/Kg	*	02/04/13 16:00	02/14/13 16:26	50
1,4-Dichlorobenzene	<14		160	14	ug/Kg	*	02/04/13 16:00	02/14/13 16:26	50
2,2-Dichloropropane	<26		82	26	ug/Kg	*	02/04/13 16:00	02/14/13 16:26	50
2-Chlorotoluene	<17		82	17	ug/Kg	*	02/04/13 16:00	02/14/13 16:26	50
4-Chlorotoluene	<16		82	16	ug/Kg	*	02/04/13 16:00	02/14/13 16:26	50
Benzene	<6.1		20	6.1	ug/Kg	*	02/04/13 16:00	02/14/13 16:26	50
Bromobenzene	<35		160	35	ug/Kg	*	02/04/13 16:00	02/14/13 16:26	50
Bromochloromethane	<31		160	31	ug/Kg	*	02/04/13 16:00	02/14/13 16:26	50
Bromodichloromethane	<28		160	28	ug/Kg	*	02/04/13 16:00	02/14/13 16:26	50
Bromoform	<36		160	36	ug/Kg	*	02/04/13 16:00	02/14/13 16:26	50
Bromomethane	<56		160	56	ug/Kg	*	02/04/13 16:00	02/14/13 16:26	50
Carbon tetrachloride	<21		82	21	ug/Kg	*	02/04/13 16:00	02/14/13 16:26	50
Chlorobenzene	<12		82	12	ug/Kg	*	02/04/13 16:00	02/14/13 16:26	50
Chloroethane	<36		160	36	ug/Kg	*	02/04/13 16:00	02/14/13 16:26	50
Chloroform	<17		82	17	ug/Kg	*	02/04/13 16:00	02/14/13 16:26	50
Chloromethane	<38		160	38	ug/Kg	*	02/04/13 16:00	02/14/13 16:26	50
cis-1,2-Dichloroethene	<10		82	10	ug/Kg	*	02/04/13 16:00	02/14/13 16:26	50
cis-1,3-Dichloropropene	<15		82	15	ug/Kg	*	02/04/13 16:00	02/14/13 16:26	50
Dibromochloromethane	<28		160	28	ug/Kg	*	02/04/13 16:00	02/14/13 16:26	50
Dibromomethane	<39		160	39	ug/Kg	*	02/04/13 16:00	02/14/13 16:26	50
Dichlorodifluoromethane	<42		160	42	ug/Kg	*	02/04/13 16:00	02/14/13 16:26	50
Ethylbenzene	<10		20	10	ug/Kg	*	02/04/13 16:00	02/14/13 16:26	50
Hexachlorobutadiene	<28		160	28	ug/Kg	*	02/04/13 16:00	02/14/13 16:26	50
Isopropyl ether	<12		160	12	ug/Kg	*	02/04/13 16:00	02/14/13 16:26	50
Isopropylbenzene	<21		160	21	ug/Kg	*	02/04/13 16:00	02/14/13 16:26	50
Methyl tert-butyl ether	<35		160	35	ug/Kg	*	02/04/13 16:00	02/14/13 16:26	50
Methylene Chloride	<56		410	56	ug/Kg	*	02/04/13 16:00	02/14/13 16:26	50
Naphthalene	<40		160	40	ug/Kg	*	02/04/13 16:00	02/14/13 16:26	50
n-Butylbenzene	<11		82	11	ug/Kg	*	02/04/13 16:00	02/14/13 16:26	50
N-Propylbenzene	<14		160	14	ug/Kg	*	02/04/13 16:00	02/14/13 16:26	50
p-Isopropyltoluene	<15		160	15	ug/Kg	*	02/04/13 16:00	02/14/13 16:26	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-57 8-10'

Lab Sample ID: 500-54526-4

Date Collected: 02/04/13 16:00

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 86.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<13		82	13	ug/Kg	☼	02/04/13 16:00	02/14/13 16:26	50
Styrene	<8.1		82	8.1	ug/Kg	☼	02/04/13 16:00	02/14/13 16:26	50
tert-Butylbenzene	<11		82	11	ug/Kg	☼	02/04/13 16:00	02/14/13 16:26	50
Tetrachloroethene	<14		82	14	ug/Kg	☼	02/04/13 16:00	02/14/13 16:26	50
Toluene	<9.4		20	9.4	ug/Kg	☼	02/04/13 16:00	02/14/13 16:26	50
trans-1,2-Dichloroethene	<20		82	20	ug/Kg	☼	02/04/13 16:00	02/14/13 16:26	50
trans-1,3-Dichloropropene	<17		82	17	ug/Kg	☼	02/04/13 16:00	02/14/13 16:26	50
Trichloroethene	<15		41	15	ug/Kg	☼	02/04/13 16:00	02/14/13 16:26	50
Trichlorofluoromethane	<34		160	34	ug/Kg	☼	02/04/13 16:00	02/14/13 16:26	50
Vinyl chloride	<8.5		20	8.5	ug/Kg	☼	02/04/13 16:00	02/14/13 16:26	50
Xylenes, Total	<5.6		41	5.6	ug/Kg	☼	02/04/13 16:00	02/14/13 16:26	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		75 - 125				02/04/13 16:00	02/14/13 16:26	50
4-Bromofluorobenzene (Surr)	95		75 - 120				02/04/13 16:00	02/14/13 16:26	50
Dibromofluoromethane	95		75 - 120				02/04/13 16:00	02/14/13 16:26	50
Toluene-d8 (Surr)	97		75 - 120				02/04/13 16:00	02/14/13 16:26	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<19		38	19	ug/Kg	☼	02/14/13 07:12	02/22/13 15:08	1
2-Methylnaphthalene	<49		190	49	ug/Kg	☼	02/14/13 07:12	02/22/13 15:08	1
Acenaphthene	<11		38	11	ug/Kg	☼	02/14/13 07:12	02/22/13 15:08	1
Acenaphthylene	<8.7		38	8.7	ug/Kg	☼	02/14/13 07:12	02/22/13 15:08	1
Anthracene	<8.9		38	8.9	ug/Kg	☼	02/14/13 07:12	02/22/13 15:08	1
Benzo[a]anthracene	9.7 J		38	8.0	ug/Kg	☼	02/14/13 07:12	02/22/13 15:08	1
Benzo[a]pyrene	<6.9		38	6.9	ug/Kg	☼	02/14/13 07:12	02/22/13 15:08	1
Benzo[b]fluoranthene	8.0 J		38	7.4	ug/Kg	☼	02/14/13 07:12	02/22/13 15:08	1
Benzo[g,h,i]perylene	<13		38	13	ug/Kg	☼	02/14/13 07:12	02/22/13 15:08	1
Benzo[k]fluoranthene	<9.1		38	9.1	ug/Kg	☼	02/14/13 07:12	02/22/13 15:08	1
Chrysene	9.6 J		38	8.6	ug/Kg	☼	02/14/13 07:12	02/22/13 15:08	1
Dibenz(a,h)anthracene	<11		38	11	ug/Kg	☼	02/14/13 07:12	02/22/13 15:08	1
Fluoranthene	22 J		38	16	ug/Kg	☼	02/14/13 07:12	02/22/13 15:08	1
Fluorene	<8.6		38	8.6	ug/Kg	☼	02/14/13 07:12	02/22/13 15:08	1
Indeno[1,2,3-cd]pyrene	<13		38	13	ug/Kg	☼	02/14/13 07:12	02/22/13 15:08	1
Naphthalene	<7.3		38	7.3	ug/Kg	☼	02/14/13 07:12	02/22/13 15:08	1
Phenanthrene	26 J		38	16	ug/Kg	☼	02/14/13 07:12	02/22/13 15:08	1
Pyrene	17 J		38	14	ug/Kg	☼	02/14/13 07:12	02/22/13 15:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	77		30 - 119				02/14/13 07:12	02/22/13 15:08	1
Nitrobenzene-d5 (Surr)	76		30 - 115				02/14/13 07:12	02/22/13 15:08	1
Terphenyl-d14 (Surr)	100		36 - 134				02/14/13 07:12	02/22/13 15:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<6.8		19	6.8	ug/Kg	☼	02/13/13 18:40	02/15/13 13:42	1
PCB-1221	<8.5		19	8.5	ug/Kg	☼	02/13/13 18:40	02/15/13 13:42	1
PCB-1232	<8.4		19	8.4	ug/Kg	☼	02/13/13 18:40	02/15/13 13:42	1
PCB-1242	<6.3		19	6.3	ug/Kg	☼	02/13/13 18:40	02/15/13 13:42	1

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-57 8-10'

Lab Sample ID: 500-54526-4

Date Collected: 02/04/13 16:00

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 86.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	<7.6		19	7.6	ug/Kg	☼	02/13/13 18:40	02/15/13 13:42	1
PCB-1254	<4.1		19	4.1	ug/Kg	☼	02/13/13 18:40	02/15/13 13:42	1
PCB-1260	<9.4		19	9.4	ug/Kg	☼	02/13/13 18:40	02/15/13 13:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	59		50 - 116	02/13/13 18:40	02/15/13 13:42	1
DCB Decachlorobiphenyl	88		48 - 142	02/13/13 18:40	02/15/13 13:42	1



Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-59 0-2'

Lab Sample ID: 500-54526-5

Date Collected: 02/04/13 12:55

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 80.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<34		200	34	ug/Kg	*	02/04/13 12:55	02/14/13 16:49	50
1,1,1-Trichloroethane	<20		100	20	ug/Kg	*	02/04/13 12:55	02/14/13 16:49	50
1,1,2,2-Tetrachloroethane	<23		100	23	ug/Kg	*	02/04/13 12:55	02/14/13 16:49	50
1,1,2-Trichloroethane	<28		100	28	ug/Kg	*	02/04/13 12:55	02/14/13 16:49	50
1,1-Dichloroethane	<18		100	18	ug/Kg	*	02/04/13 12:55	02/14/13 16:49	50
1,1-Dichloroethene	<31		100	31	ug/Kg	*	02/04/13 12:55	02/14/13 16:49	50
1,1-Dichloropropene	<34		100	34	ug/Kg	*	02/04/13 12:55	02/14/13 16:49	50
1,2,3-Trichlorobenzene	<35		200	35	ug/Kg	*	02/04/13 12:55	02/14/13 16:49	50
1,2,3-Trichloropropane	<57		200	57	ug/Kg	*	02/04/13 12:55	02/14/13 16:49	50
1,2,4-Trichlorobenzene	<38		200	38	ug/Kg	*	02/04/13 12:55	02/14/13 16:49	50
1,2,4-Trimethylbenzene	<21		200	21	ug/Kg	*	02/04/13 12:55	02/14/13 16:49	50
1,2-Dibromo-3-Chloropropane	<87		200	87	ug/Kg	*	02/04/13 12:55	02/14/13 16:49	50
1,2-Dibromoethane	<31		200	31	ug/Kg	*	02/04/13 12:55	02/14/13 16:49	50
1,2-Dichlorobenzene	<20		200	20	ug/Kg	*	02/04/13 12:55	02/14/13 16:49	50
1,2-Dichloroethane	<28		100	28	ug/Kg	*	02/04/13 12:55	02/14/13 16:49	50
1,2-Dichloropropane	<20		100	20	ug/Kg	*	02/04/13 12:55	02/14/13 16:49	50
1,3,5-Trimethylbenzene	<21		200	21	ug/Kg	*	02/04/13 12:55	02/14/13 16:49	50
1,3-Dichlorobenzene	<26		200	26	ug/Kg	*	02/04/13 12:55	02/14/13 16:49	50
1,3-Dichloropropane	<13		100	13	ug/Kg	*	02/04/13 12:55	02/14/13 16:49	50
1,4-Dichlorobenzene	<17		200	17	ug/Kg	*	02/04/13 12:55	02/14/13 16:49	50
2,2-Dichloropropane	<31		100	31	ug/Kg	*	02/04/13 12:55	02/14/13 16:49	50
2-Chlorotoluene	<21		100	21	ug/Kg	*	02/04/13 12:55	02/14/13 16:49	50
4-Chlorotoluene	<20		100	20	ug/Kg	*	02/04/13 12:55	02/14/13 16:49	50
Benzene	<7.4		25	7.4	ug/Kg	*	02/04/13 12:55	02/14/13 16:49	50
Bromobenzene	<42		200	42	ug/Kg	*	02/04/13 12:55	02/14/13 16:49	50
Bromochloromethane	<38		200	38	ug/Kg	*	02/04/13 12:55	02/14/13 16:49	50
Bromodichloromethane	<34		200	34	ug/Kg	*	02/04/13 12:55	02/14/13 16:49	50
Bromoform	<44		200	44	ug/Kg	*	02/04/13 12:55	02/14/13 16:49	50
Bromomethane	<68		200	68	ug/Kg	*	02/04/13 12:55	02/14/13 16:49	50
Carbon tetrachloride	<26		100	26	ug/Kg	*	02/04/13 12:55	02/14/13 16:49	50
Chlorobenzene	<14		100	14	ug/Kg	*	02/04/13 12:55	02/14/13 16:49	50
Chloroethane	<43		200	43	ug/Kg	*	02/04/13 12:55	02/14/13 16:49	50
Chloroform	<20		100	20	ug/Kg	*	02/04/13 12:55	02/14/13 16:49	50
Chloromethane	<46		200	46	ug/Kg	*	02/04/13 12:55	02/14/13 16:49	50
cis-1,2-Dichloroethene	<12		100	12	ug/Kg	*	02/04/13 12:55	02/14/13 16:49	50
cis-1,3-Dichloropropene	<18		100	18	ug/Kg	*	02/04/13 12:55	02/14/13 16:49	50
Dibromochloromethane	<34		200	34	ug/Kg	*	02/04/13 12:55	02/14/13 16:49	50
Dibromomethane	<48		200	48	ug/Kg	*	02/04/13 12:55	02/14/13 16:49	50
Dichlorodifluoromethane	<51		200	51	ug/Kg	*	02/04/13 12:55	02/14/13 16:49	50
Ethylbenzene	<13		25	13	ug/Kg	*	02/04/13 12:55	02/14/13 16:49	50
Hexachlorobutadiene	<34		200	34	ug/Kg	*	02/04/13 12:55	02/14/13 16:49	50
Isopropyl ether	<15		200	15	ug/Kg	*	02/04/13 12:55	02/14/13 16:49	50
Isopropylbenzene	<25		200	25	ug/Kg	*	02/04/13 12:55	02/14/13 16:49	50
Methyl tert-butyl ether	<43		200	43	ug/Kg	*	02/04/13 12:55	02/14/13 16:49	50
Methylene Chloride	<68		500	68	ug/Kg	*	02/04/13 12:55	02/14/13 16:49	50
Naphthalene	930		200	49	ug/Kg	*	02/04/13 12:55	02/14/13 16:49	50
n-Butylbenzene	<13		100	13	ug/Kg	*	02/04/13 12:55	02/14/13 16:49	50
N-Propylbenzene	<17		200	17	ug/Kg	*	02/04/13 12:55	02/14/13 16:49	50
p-Isopropyltoluene	<18		200	18	ug/Kg	*	02/04/13 12:55	02/14/13 16:49	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-59 0-2'

Lab Sample ID: 500-54526-5

Date Collected: 02/04/13 12:55

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 80.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<15		100	15	ug/Kg	☼	02/04/13 12:55	02/14/13 16:49	50
Styrene	<9.8		100	9.8	ug/Kg	☼	02/04/13 12:55	02/14/13 16:49	50
tert-Butylbenzene	<14		100	14	ug/Kg	☼	02/04/13 12:55	02/14/13 16:49	50
Tetrachloroethene	<17		100	17	ug/Kg	☼	02/04/13 12:55	02/14/13 16:49	50
Toluene	<11		25	11	ug/Kg	☼	02/04/13 12:55	02/14/13 16:49	50
trans-1,2-Dichloroethene	<25		100	25	ug/Kg	☼	02/04/13 12:55	02/14/13 16:49	50
trans-1,3-Dichloropropene	<21		100	21	ug/Kg	☼	02/04/13 12:55	02/14/13 16:49	50
Trichloroethene	<19		50	19	ug/Kg	☼	02/04/13 12:55	02/14/13 16:49	50
Trichlorofluoromethane	<41		200	41	ug/Kg	☼	02/04/13 12:55	02/14/13 16:49	50
Vinyl chloride	<10		25	10	ug/Kg	☼	02/04/13 12:55	02/14/13 16:49	50
Xylenes, Total	<6.8		50	6.8	ug/Kg	☼	02/04/13 12:55	02/14/13 16:49	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		75 - 125				02/04/13 12:55	02/14/13 16:49	50
4-Bromofluorobenzene (Surr)	96		75 - 120				02/04/13 12:55	02/14/13 16:49	50
Dibromofluoromethane	94		75 - 120				02/04/13 12:55	02/14/13 16:49	50
Toluene-d8 (Surr)	93		75 - 120				02/04/13 12:55	02/14/13 16:49	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	220		41	21	ug/Kg	☼	02/14/13 07:12	02/22/13 15:30	1
2-Methylnaphthalene	210		210	54	ug/Kg	☼	02/14/13 07:12	02/22/13 15:30	1
Acenaphthene	220		41	12	ug/Kg	☼	02/14/13 07:12	02/22/13 15:30	1
Acenaphthylene	25 J		41	9.5	ug/Kg	☼	02/14/13 07:12	02/22/13 15:30	1
Anthracene	450		41	9.7	ug/Kg	☼	02/14/13 07:12	02/22/13 15:30	1
Benzo[a]anthracene	1700		41	8.6	ug/Kg	☼	02/14/13 07:12	02/22/13 15:30	1
Benzo[a]pyrene	2300		41	7.5	ug/Kg	☼	02/14/13 07:12	02/22/13 15:30	1
Benzo[b]fluoranthene	2600		41	8.0	ug/Kg	☼	02/14/13 07:12	02/22/13 15:30	1
Benzo[g,h,i]perylene	1200		41	14	ug/Kg	☼	02/14/13 07:12	02/22/13 15:30	1
Benzo[k]fluoranthene	1100		41	9.8	ug/Kg	☼	02/14/13 07:12	02/22/13 15:30	1
Chrysene	1800		41	9.3	ug/Kg	☼	02/14/13 07:12	02/22/13 15:30	1
Dibenz(a,h)anthracene	370		41	12	ug/Kg	☼	02/14/13 07:12	02/22/13 15:30	1
Fluorene	300		41	9.4	ug/Kg	☼	02/14/13 07:12	02/22/13 15:30	1
Indeno[1,2,3-cd]pyrene	1100		41	14	ug/Kg	☼	02/14/13 07:12	02/22/13 15:30	1
Naphthalene	320		41	8.0	ug/Kg	☼	02/14/13 07:12	02/22/13 15:30	1
Phenanthrene	1700		41	17	ug/Kg	☼	02/14/13 07:12	02/22/13 15:30	1
Pyrene	2800		41	15	ug/Kg	☼	02/14/13 07:12	02/22/13 15:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	76		30 - 119				02/14/13 07:12	02/22/13 15:30	1
Nitrobenzene-d5 (Surr)	69		30 - 115				02/14/13 07:12	02/22/13 15:30	1
Terphenyl-d14 (Surr)	95		36 - 134				02/14/13 07:12	02/22/13 15:30	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	2900		82	34	ug/Kg	☼	02/14/13 07:12	02/26/13 12:44	2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<7.2		20	7.2	ug/Kg	☼	02/13/13 18:40	02/15/13 14:24	1
PCB-1221	<8.9		20	8.9	ug/Kg	☼	02/13/13 18:40	02/15/13 14:24	1

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-59 0-2'

Lab Sample ID: 500-54526-5

Date Collected: 02/04/13 12:55

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 80.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1232	<8.8		20	8.8	ug/Kg	☼	02/13/13 18:40	02/15/13 14:24	1
PCB-1242	<6.7		20	6.7	ug/Kg	☼	02/13/13 18:40	02/15/13 14:24	1
PCB-1248	<8.0		20	8.0	ug/Kg	☼	02/13/13 18:40	02/15/13 14:24	1
PCB-1254	<4.4		20	4.4	ug/Kg	☼	02/13/13 18:40	02/15/13 14:24	1
PCB-1260	<9.9		20	9.9	ug/Kg	☼	02/13/13 18:40	02/15/13 14:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro- <i>m</i> -xylene	67		50 - 116	02/13/13 18:40	02/15/13 14:24	1
DCB Decachlorobiphenyl	89		48 - 142	02/13/13 18:40	02/15/13 14:24	1

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-59 6-8'

Lab Sample ID: 500-54526-6

Date Collected: 02/04/13 16:10

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 85.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<28		160	28	ug/Kg	*	02/04/13 16:10	02/14/13 17:11	50
1,1,1-Trichloroethane	<16		80	16	ug/Kg	*	02/04/13 16:10	02/14/13 17:11	50
1,1,2,2-Tetrachloroethane	<19		80	19	ug/Kg	*	02/04/13 16:10	02/14/13 17:11	50
1,1,2-Trichloroethane	<22		80	22	ug/Kg	*	02/04/13 16:10	02/14/13 17:11	50
1,1-Dichloroethane	<15		80	15	ug/Kg	*	02/04/13 16:10	02/14/13 17:11	50
1,1-Dichloroethene	<25		80	25	ug/Kg	*	02/04/13 16:10	02/14/13 17:11	50
1,1-Dichloropropene	<28		80	28	ug/Kg	*	02/04/13 16:10	02/14/13 17:11	50
1,2,3-Trichlorobenzene	<28		160	28	ug/Kg	*	02/04/13 16:10	02/14/13 17:11	50
1,2,3-Trichloropropane	<46		160	46	ug/Kg	*	02/04/13 16:10	02/14/13 17:11	50
1,2,4-Trichlorobenzene	<30		160	30	ug/Kg	*	02/04/13 16:10	02/14/13 17:11	50
1,2,4-Trimethylbenzene	<17		160	17	ug/Kg	*	02/04/13 16:10	02/14/13 17:11	50
1,2-Dibromo-3-Chloropropane	<70		160	70	ug/Kg	*	02/04/13 16:10	02/14/13 17:11	50
1,2-Dibromoethane	<25		160	25	ug/Kg	*	02/04/13 16:10	02/14/13 17:11	50
1,2-Dichlorobenzene	<16		160	16	ug/Kg	*	02/04/13 16:10	02/14/13 17:11	50
1,2-Dichloroethane	<23		80	23	ug/Kg	*	02/04/13 16:10	02/14/13 17:11	50
1,2-Dichloropropane	<16		80	16	ug/Kg	*	02/04/13 16:10	02/14/13 17:11	50
1,3,5-Trimethylbenzene	<17		160	17	ug/Kg	*	02/04/13 16:10	02/14/13 17:11	50
1,3-Dichlorobenzene	<21		160	21	ug/Kg	*	02/04/13 16:10	02/14/13 17:11	50
1,3-Dichloropropane	<11		80	11	ug/Kg	*	02/04/13 16:10	02/14/13 17:11	50
1,4-Dichlorobenzene	<14		160	14	ug/Kg	*	02/04/13 16:10	02/14/13 17:11	50
2,2-Dichloropropane	<25		80	25	ug/Kg	*	02/04/13 16:10	02/14/13 17:11	50
2-Chlorotoluene	<17		80	17	ug/Kg	*	02/04/13 16:10	02/14/13 17:11	50
4-Chlorotoluene	<16		80	16	ug/Kg	*	02/04/13 16:10	02/14/13 17:11	50
Benzene	<6.0		20	6.0	ug/Kg	*	02/04/13 16:10	02/14/13 17:11	50
Bromobenzene	<34		160	34	ug/Kg	*	02/04/13 16:10	02/14/13 17:11	50
Bromochloromethane	<30		160	30	ug/Kg	*	02/04/13 16:10	02/14/13 17:11	50
Bromodichloromethane	<27		160	27	ug/Kg	*	02/04/13 16:10	02/14/13 17:11	50
Bromoform	<35		160	35	ug/Kg	*	02/04/13 16:10	02/14/13 17:11	50
Bromomethane	<55		160	55	ug/Kg	*	02/04/13 16:10	02/14/13 17:11	50
Carbon tetrachloride	<21		80	21	ug/Kg	*	02/04/13 16:10	02/14/13 17:11	50
Chlorobenzene	<11		80	11	ug/Kg	*	02/04/13 16:10	02/14/13 17:11	50
Chloroethane	<35		160	35	ug/Kg	*	02/04/13 16:10	02/14/13 17:11	50
Chloroform	<16		80	16	ug/Kg	*	02/04/13 16:10	02/14/13 17:11	50
Chloromethane	<37		160	37	ug/Kg	*	02/04/13 16:10	02/14/13 17:11	50
cis-1,2-Dichloroethene	<9.9		80	9.9	ug/Kg	*	02/04/13 16:10	02/14/13 17:11	50
cis-1,3-Dichloropropene	<14		80	14	ug/Kg	*	02/04/13 16:10	02/14/13 17:11	50
Dibromochloromethane	<28		160	28	ug/Kg	*	02/04/13 16:10	02/14/13 17:11	50
Dibromomethane	<39		160	39	ug/Kg	*	02/04/13 16:10	02/14/13 17:11	50
Dichlorodifluoromethane	<41		160	41	ug/Kg	*	02/04/13 16:10	02/14/13 17:11	50
Ethylbenzene	<10		20	10	ug/Kg	*	02/04/13 16:10	02/14/13 17:11	50
Hexachlorobutadiene	<28		160	28	ug/Kg	*	02/04/13 16:10	02/14/13 17:11	50
Isopropyl ether	<12		160	12	ug/Kg	*	02/04/13 16:10	02/14/13 17:11	50
Isopropylbenzene	<20		160	20	ug/Kg	*	02/04/13 16:10	02/14/13 17:11	50
Methyl tert-butyl ether	<35		160	35	ug/Kg	*	02/04/13 16:10	02/14/13 17:11	50
Methylene Chloride	<55		400	55	ug/Kg	*	02/04/13 16:10	02/14/13 17:11	50
Naphthalene	<40		160	40	ug/Kg	*	02/04/13 16:10	02/14/13 17:11	50
n-Butylbenzene	<10		80	10	ug/Kg	*	02/04/13 16:10	02/14/13 17:11	50
N-Propylbenzene	<14		160	14	ug/Kg	*	02/04/13 16:10	02/14/13 17:11	50
p-Isopropyltoluene	<15		160	15	ug/Kg	*	02/04/13 16:10	02/14/13 17:11	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-59 6-8'

Lab Sample ID: 500-54526-6

Date Collected: 02/04/13 16:10

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 85.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<12		80	12	ug/Kg	☼	02/04/13 16:10	02/14/13 17:11	50
Styrene	<7.9		80	7.9	ug/Kg	☼	02/04/13 16:10	02/14/13 17:11	50
tert-Butylbenzene	<11		80	11	ug/Kg	☼	02/04/13 16:10	02/14/13 17:11	50
Tetrachloroethene	<13		80	13	ug/Kg	☼	02/04/13 16:10	02/14/13 17:11	50
Toluene	<9.2		20	9.2	ug/Kg	☼	02/04/13 16:10	02/14/13 17:11	50
trans-1,2-Dichloroethene	<20		80	20	ug/Kg	☼	02/04/13 16:10	02/14/13 17:11	50
trans-1,3-Dichloropropene	<17		80	17	ug/Kg	☼	02/04/13 16:10	02/14/13 17:11	50
Trichloroethene	<15		40	15	ug/Kg	☼	02/04/13 16:10	02/14/13 17:11	50
Trichlorofluoromethane	<33		160	33	ug/Kg	☼	02/04/13 16:10	02/14/13 17:11	50
Vinyl chloride	<8.4		20	8.4	ug/Kg	☼	02/04/13 16:10	02/14/13 17:11	50
Xylenes, Total	<5.5		40	5.5	ug/Kg	☼	02/04/13 16:10	02/14/13 17:11	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		75 - 125				02/04/13 16:10	02/14/13 17:11	50
4-Bromofluorobenzene (Surr)	96		75 - 120				02/04/13 16:10	02/14/13 17:11	50
Dibromofluoromethane	93		75 - 120				02/04/13 16:10	02/14/13 17:11	50
Toluene-d8 (Surr)	95		75 - 120				02/04/13 16:10	02/14/13 17:11	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<18		37	18	ug/Kg	☼	02/14/13 07:12	02/22/13 15:52	1
2-Methylnaphthalene	<48		190	48	ug/Kg	☼	02/14/13 07:12	02/22/13 15:52	1
Acenaphthene	22	J	37	11	ug/Kg	☼	02/14/13 07:12	02/22/13 15:52	1
Acenaphthylene	<8.5		37	8.5	ug/Kg	☼	02/14/13 07:12	02/22/13 15:52	1
Anthracene	43		37	8.7	ug/Kg	☼	02/14/13 07:12	02/22/13 15:52	1
Benzo[a]anthracene	71		37	7.8	ug/Kg	☼	02/14/13 07:12	02/22/13 15:52	1
Benzo[a]pyrene	66		37	6.8	ug/Kg	☼	02/14/13 07:12	02/22/13 15:52	1
Benzo[b]fluoranthene	82		37	7.2	ug/Kg	☼	02/14/13 07:12	02/22/13 15:52	1
Benzo[g,h,i]perylene	39		37	13	ug/Kg	☼	02/14/13 07:12	02/22/13 15:52	1
Benzo[k]fluoranthene	36	J	37	8.9	ug/Kg	☼	02/14/13 07:12	02/22/13 15:52	1
Chrysene	68		37	8.4	ug/Kg	☼	02/14/13 07:12	02/22/13 15:52	1
Dibenz(a,h)anthracene	12	J	37	10	ug/Kg	☼	02/14/13 07:12	02/22/13 15:52	1
Fluoranthene	190		37	15	ug/Kg	☼	02/14/13 07:12	02/22/13 15:52	1
Fluorene	35	J	37	8.5	ug/Kg	☼	02/14/13 07:12	02/22/13 15:52	1
Indeno[1,2,3-cd]pyrene	30	J	37	13	ug/Kg	☼	02/14/13 07:12	02/22/13 15:52	1
Naphthalene	16	J	37	7.2	ug/Kg	☼	02/14/13 07:12	02/22/13 15:52	1
Phenanthrene	180		37	16	ug/Kg	☼	02/14/13 07:12	02/22/13 15:52	1
Pyrene	140		37	13	ug/Kg	☼	02/14/13 07:12	02/22/13 15:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	80		30 - 119				02/14/13 07:12	02/22/13 15:52	1
Nitrobenzene-d5 (Surr)	66		30 - 115				02/14/13 07:12	02/22/13 15:52	1
Terphenyl-d14 (Surr)	101		36 - 134				02/14/13 07:12	02/22/13 15:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<6.7		19	6.7	ug/Kg	☼	02/13/13 18:40	02/15/13 14:38	1
PCB-1221	<8.4		19	8.4	ug/Kg	☼	02/13/13 18:40	02/15/13 14:38	1
PCB-1232	<8.3		19	8.3	ug/Kg	☼	02/13/13 18:40	02/15/13 14:38	1
PCB-1242	<6.2		19	6.2	ug/Kg	☼	02/13/13 18:40	02/15/13 14:38	1

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-59 6-8'

Lab Sample ID: 500-54526-6

Date Collected: 02/04/13 16:10

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 85.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	<7.5		19	7.5	ug/Kg	☼	02/13/13 18:40	02/15/13 14:38	1
PCB-1254	<4.1		19	4.1	ug/Kg	☼	02/13/13 18:40	02/15/13 14:38	1
PCB-1260	<9.3		19	9.3	ug/Kg	☼	02/13/13 18:40	02/15/13 14:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	62		50 - 116	02/13/13 18:40	02/15/13 14:38	1
DCB Decachlorobiphenyl	82		48 - 142	02/13/13 18:40	02/15/13 14:38	1



Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-62 0-2'

Lab Sample ID: 500-54526-7

Date Collected: 02/04/13 14:40

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 91.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<31		180	31	ug/Kg	*	02/04/13 14:40	02/14/13 17:34	50
1,1,1-Trichloroethane	<18		91	18	ug/Kg	*	02/04/13 14:40	02/14/13 17:34	50
1,1,2,2-Tetrachloroethane	<21		91	21	ug/Kg	*	02/04/13 14:40	02/14/13 17:34	50
1,1,2-Trichloroethane	<25		91	25	ug/Kg	*	02/04/13 14:40	02/14/13 17:34	50
1,1-Dichloroethane	<17		91	17	ug/Kg	*	02/04/13 14:40	02/14/13 17:34	50
1,1-Dichloroethene	<28		91	28	ug/Kg	*	02/04/13 14:40	02/14/13 17:34	50
1,1-Dichloropropene	<31		91	31	ug/Kg	*	02/04/13 14:40	02/14/13 17:34	50
1,2,3-Trichlorobenzene	<32		180	32	ug/Kg	*	02/04/13 14:40	02/14/13 17:34	50
1,2,3-Trichloropropane	<52		180	52	ug/Kg	*	02/04/13 14:40	02/14/13 17:34	50
1,2,4-Trichlorobenzene	<34		180	34	ug/Kg	*	02/04/13 14:40	02/14/13 17:34	50
1,2,4-Trimethylbenzene	<19		180	19	ug/Kg	*	02/04/13 14:40	02/14/13 17:34	50
1,2-Dibromo-3-Chloropropane	<79		180	79	ug/Kg	*	02/04/13 14:40	02/14/13 17:34	50
1,2-Dibromoethane	<28		180	28	ug/Kg	*	02/04/13 14:40	02/14/13 17:34	50
1,2-Dichlorobenzene	<19		180	19	ug/Kg	*	02/04/13 14:40	02/14/13 17:34	50
1,2-Dichloroethane	<26		91	26	ug/Kg	*	02/04/13 14:40	02/14/13 17:34	50
1,2-Dichloropropane	<18		91	18	ug/Kg	*	02/04/13 14:40	02/14/13 17:34	50
1,3,5-Trimethylbenzene	<19		180	19	ug/Kg	*	02/04/13 14:40	02/14/13 17:34	50
1,3-Dichlorobenzene	<23		180	23	ug/Kg	*	02/04/13 14:40	02/14/13 17:34	50
1,3-Dichloropropane	<12		91	12	ug/Kg	*	02/04/13 14:40	02/14/13 17:34	50
1,4-Dichlorobenzene	<16		180	16	ug/Kg	*	02/04/13 14:40	02/14/13 17:34	50
2,2-Dichloropropane	<29		91	29	ug/Kg	*	02/04/13 14:40	02/14/13 17:34	50
2-Chlorotoluene	<19		91	19	ug/Kg	*	02/04/13 14:40	02/14/13 17:34	50
4-Chlorotoluene	<18		91	18	ug/Kg	*	02/04/13 14:40	02/14/13 17:34	50
Benzene	<6.7		23	6.7	ug/Kg	*	02/04/13 14:40	02/14/13 17:34	50
Bromobenzene	<39		180	39	ug/Kg	*	02/04/13 14:40	02/14/13 17:34	50
Bromochloromethane	<34		180	34	ug/Kg	*	02/04/13 14:40	02/14/13 17:34	50
Bromodichloromethane	<31		180	31	ug/Kg	*	02/04/13 14:40	02/14/13 17:34	50
Bromoform	<40		180	40	ug/Kg	*	02/04/13 14:40	02/14/13 17:34	50
Bromomethane	<62		180	62	ug/Kg	*	02/04/13 14:40	02/14/13 17:34	50
Carbon tetrachloride	<23		91	23	ug/Kg	*	02/04/13 14:40	02/14/13 17:34	50
Chlorobenzene	<13		91	13	ug/Kg	*	02/04/13 14:40	02/14/13 17:34	50
Chloroethane	<39		180	39	ug/Kg	*	02/04/13 14:40	02/14/13 17:34	50
Chloroform	<19		91	19	ug/Kg	*	02/04/13 14:40	02/14/13 17:34	50
Chloromethane	<42		180	42	ug/Kg	*	02/04/13 14:40	02/14/13 17:34	50
cis-1,2-Dichloroethene	<11		91	11	ug/Kg	*	02/04/13 14:40	02/14/13 17:34	50
cis-1,3-Dichloropropene	<16		91	16	ug/Kg	*	02/04/13 14:40	02/14/13 17:34	50
Dibromochloromethane	<31		180	31	ug/Kg	*	02/04/13 14:40	02/14/13 17:34	50
Dibromomethane	<43		180	43	ug/Kg	*	02/04/13 14:40	02/14/13 17:34	50
Dichlorodifluoromethane	<46		180	46	ug/Kg	*	02/04/13 14:40	02/14/13 17:34	50
Ethylbenzene	<11		23	11	ug/Kg	*	02/04/13 14:40	02/14/13 17:34	50
Hexachlorobutadiene	<31		180	31	ug/Kg	*	02/04/13 14:40	02/14/13 17:34	50
Isopropyl ether	<13		180	13	ug/Kg	*	02/04/13 14:40	02/14/13 17:34	50
Isopropylbenzene	<23		180	23	ug/Kg	*	02/04/13 14:40	02/14/13 17:34	50
Methyl tert-butyl ether	<39		180	39	ug/Kg	*	02/04/13 14:40	02/14/13 17:34	50
Methylene Chloride	<62		450	62	ug/Kg	*	02/04/13 14:40	02/14/13 17:34	50
Naphthalene	<45		180	45	ug/Kg	*	02/04/13 14:40	02/14/13 17:34	50
n-Butylbenzene	<12		91	12	ug/Kg	*	02/04/13 14:40	02/14/13 17:34	50
N-Propylbenzene	<16		180	16	ug/Kg	*	02/04/13 14:40	02/14/13 17:34	50
p-Isopropyltoluene	<17		180	17	ug/Kg	*	02/04/13 14:40	02/14/13 17:34	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-62 0-2'

Lab Sample ID: 500-54526-7

Date Collected: 02/04/13 14:40

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 91.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<14		91	14	ug/Kg	☼	02/04/13 14:40	02/14/13 17:34	50
Styrene	<9.0		91	9.0	ug/Kg	☼	02/04/13 14:40	02/14/13 17:34	50
tert-Butylbenzene	<12		91	12	ug/Kg	☼	02/04/13 14:40	02/14/13 17:34	50
Tetrachloroethene	<15		91	15	ug/Kg	☼	02/04/13 14:40	02/14/13 17:34	50
Toluene	<10		23	10	ug/Kg	☼	02/04/13 14:40	02/14/13 17:34	50
trans-1,2-Dichloroethene	<23		91	23	ug/Kg	☼	02/04/13 14:40	02/14/13 17:34	50
trans-1,3-Dichloropropene	<19		91	19	ug/Kg	☼	02/04/13 14:40	02/14/13 17:34	50
Trichloroethene	<17		45	17	ug/Kg	☼	02/04/13 14:40	02/14/13 17:34	50
Trichlorofluoromethane	<38		180	38	ug/Kg	☼	02/04/13 14:40	02/14/13 17:34	50
Vinyl chloride	<9.4		23	9.4	ug/Kg	☼	02/04/13 14:40	02/14/13 17:34	50
Xylenes, Total	<6.2		45	6.2	ug/Kg	☼	02/04/13 14:40	02/14/13 17:34	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		75 - 125				02/04/13 14:40	02/14/13 17:34	50
4-Bromofluorobenzene (Surr)	97		75 - 120				02/04/13 14:40	02/14/13 17:34	50
Dibromofluoromethane	94		75 - 120				02/04/13 14:40	02/14/13 17:34	50
Toluene-d8 (Surr)	97		75 - 120				02/04/13 14:40	02/14/13 17:34	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<18		35	18	ug/Kg	☼	02/14/13 07:12	02/26/13 13:07	1
2-Methylnaphthalene	<46		180	46	ug/Kg	☼	02/14/13 07:12	02/26/13 13:07	1
Acenaphthene	<11		35	11	ug/Kg	☼	02/14/13 07:12	02/26/13 13:07	1
Acenaphthylene	<8.2		35	8.2	ug/Kg	☼	02/14/13 07:12	02/26/13 13:07	1
Anthracene	21	J	35	8.3	ug/Kg	☼	02/14/13 07:12	02/26/13 13:07	1
Benzo[a]anthracene	130		35	7.4	ug/Kg	☼	02/14/13 07:12	02/26/13 13:07	1
Benzo[a]pyrene	190		35	6.5	ug/Kg	☼	02/14/13 07:12	02/26/13 13:07	1
Benzo[b]fluoranthene	240		35	6.9	ug/Kg	☼	02/14/13 07:12	02/26/13 13:07	1
Benzo[g,h,i]perylene	160		35	12	ug/Kg	☼	02/14/13 07:12	02/26/13 13:07	1
Benzo[k]fluoranthene	100		35	8.5	ug/Kg	☼	02/14/13 07:12	02/26/13 13:07	1
Chrysene	160		35	8.0	ug/Kg	☼	02/14/13 07:12	02/26/13 13:07	1
Dibenz(a,h)anthracene	45		35	9.9	ug/Kg	☼	02/14/13 07:12	02/26/13 13:07	1
Fluoranthene	210		35	15	ug/Kg	☼	02/14/13 07:12	02/26/13 13:07	1
Fluorene	<8.1		35	8.1	ug/Kg	☼	02/14/13 07:12	02/26/13 13:07	1
Indeno[1,2,3-cd]pyrene	140		35	12	ug/Kg	☼	02/14/13 07:12	02/26/13 13:07	1
Naphthalene	<6.8		35	6.8	ug/Kg	☼	02/14/13 07:12	02/26/13 13:07	1
Phenanthrene	83		35	15	ug/Kg	☼	02/14/13 07:12	02/26/13 13:07	1
Pyrene	260		35	13	ug/Kg	☼	02/14/13 07:12	02/26/13 13:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	77		30 - 119				02/14/13 07:12	02/26/13 13:07	1
Nitrobenzene-d5 (Surr)	66		30 - 115				02/14/13 07:12	02/26/13 13:07	1
Terphenyl-d14 (Surr)	115		36 - 134				02/14/13 07:12	02/26/13 13:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<6.2		17	6.2	ug/Kg	☼	02/13/13 18:40	02/15/13 14:52	1
PCB-1221	<7.7		17	7.7	ug/Kg	☼	02/13/13 18:40	02/15/13 14:52	1
PCB-1232	<7.6		17	7.6	ug/Kg	☼	02/13/13 18:40	02/15/13 14:52	1
PCB-1242	<5.7		17	5.7	ug/Kg	☼	02/13/13 18:40	02/15/13 14:52	1

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-62 0-2'

Lab Sample ID: 500-54526-7

Date Collected: 02/04/13 14:40

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 91.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	<6.9		17	6.9	ug/Kg	☼	02/13/13 18:40	02/15/13 14:52	1
PCB-1254	<3.8		17	3.8	ug/Kg	☼	02/13/13 18:40	02/15/13 14:52	1
PCB-1260	<8.6		17	8.6	ug/Kg	☼	02/13/13 18:40	02/15/13 14:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro- <i>m</i> -xylene	70		50 - 116	02/13/13 18:40	02/15/13 14:52	1
DCB Decachlorobiphenyl	74		48 - 142	02/13/13 18:40	02/15/13 14:52	1

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-62 11-12'

Lab Sample ID: 500-54526-8

Date Collected: 02/04/13 16:20

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 84.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<27		160	27	ug/Kg	☼	02/04/13 16:20	02/14/13 17:57	50
1,1,1-Trichloroethane	<16		79	16	ug/Kg	☼	02/04/13 16:20	02/14/13 17:57	50
1,1,1,2,2-Tetrachloroethane	<19		79	19	ug/Kg	☼	02/04/13 16:20	02/14/13 17:57	50
1,1,2-Trichloroethane	<22		79	22	ug/Kg	☼	02/04/13 16:20	02/14/13 17:57	50
1,1-Dichloroethane	<15		79	15	ug/Kg	☼	02/04/13 16:20	02/14/13 17:57	50
1,1-Dichloroethene	<24		79	24	ug/Kg	☼	02/04/13 16:20	02/14/13 17:57	50
1,1-Dichloropropene	<27		79	27	ug/Kg	☼	02/04/13 16:20	02/14/13 17:57	50
1,2,3-Trichlorobenzene	<28		160	28	ug/Kg	☼	02/04/13 16:20	02/14/13 17:57	50
1,2,3-Trichloropropane	<45		160	45	ug/Kg	☼	02/04/13 16:20	02/14/13 17:57	50
1,2,4-Trichlorobenzene	<30		160	30	ug/Kg	☼	02/04/13 16:20	02/14/13 17:57	50
1,2,4-Trimethylbenzene	<17		160	17	ug/Kg	☼	02/04/13 16:20	02/14/13 17:57	50
1,2-Dibromo-3-Chloropropane	<69		160	69	ug/Kg	☼	02/04/13 16:20	02/14/13 17:57	50
1,2-Dibromoethane	<25		160	25	ug/Kg	☼	02/04/13 16:20	02/14/13 17:57	50
1,2-Dichlorobenzene	<16		160	16	ug/Kg	☼	02/04/13 16:20	02/14/13 17:57	50
1,2-Dichloroethane	<23		79	23	ug/Kg	☼	02/04/13 16:20	02/14/13 17:57	50
1,2-Dichloropropane	<16		79	16	ug/Kg	☼	02/04/13 16:20	02/14/13 17:57	50
1,3,5-Trimethylbenzene	<16		160	16	ug/Kg	☼	02/04/13 16:20	02/14/13 17:57	50
1,3-Dichlorobenzene	<20		160	20	ug/Kg	☼	02/04/13 16:20	02/14/13 17:57	50
1,3-Dichloropropane	<11		79	11	ug/Kg	☼	02/04/13 16:20	02/14/13 17:57	50
1,4-Dichlorobenzene	<14		160	14	ug/Kg	☼	02/04/13 16:20	02/14/13 17:57	50
2,2-Dichloropropane	<25		79	25	ug/Kg	☼	02/04/13 16:20	02/14/13 17:57	50
2-Chlorotoluene	<16		79	16	ug/Kg	☼	02/04/13 16:20	02/14/13 17:57	50
4-Chlorotoluene	<16		79	16	ug/Kg	☼	02/04/13 16:20	02/14/13 17:57	50
Benzene	<5.9		20	5.9	ug/Kg	☼	02/04/13 16:20	02/14/13 17:57	50
Bromobenzene	<34		160	34	ug/Kg	☼	02/04/13 16:20	02/14/13 17:57	50
Bromochloromethane	<30		160	30	ug/Kg	☼	02/04/13 16:20	02/14/13 17:57	50
Bromodichloromethane	<27		160	27	ug/Kg	☼	02/04/13 16:20	02/14/13 17:57	50
Bromoform	<35		160	35	ug/Kg	☼	02/04/13 16:20	02/14/13 17:57	50
Bromomethane	<54		160	54	ug/Kg	☼	02/04/13 16:20	02/14/13 17:57	50
Carbon tetrachloride	<20		79	20	ug/Kg	☼	02/04/13 16:20	02/14/13 17:57	50
Chlorobenzene	<11		79	11	ug/Kg	☼	02/04/13 16:20	02/14/13 17:57	50
Chloroethane	<34		160	34	ug/Kg	☼	02/04/13 16:20	02/14/13 17:57	50
Chloroform	<16		79	16	ug/Kg	☼	02/04/13 16:20	02/14/13 17:57	50
Chloromethane	<37		160	37	ug/Kg	☼	02/04/13 16:20	02/14/13 17:57	50
cis-1,2-Dichloroethene	<9.7		79	9.7	ug/Kg	☼	02/04/13 16:20	02/14/13 17:57	50
cis-1,3-Dichloropropene	<14		79	14	ug/Kg	☼	02/04/13 16:20	02/14/13 17:57	50
Dibromochloromethane	<27		160	27	ug/Kg	☼	02/04/13 16:20	02/14/13 17:57	50
Dibromomethane	<38		160	38	ug/Kg	☼	02/04/13 16:20	02/14/13 17:57	50
Dichlorodifluoromethane	<41		160	41	ug/Kg	☼	02/04/13 16:20	02/14/13 17:57	50
Ethylbenzene	<10		20	10	ug/Kg	☼	02/04/13 16:20	02/14/13 17:57	50
Hexachlorobutadiene	<27		160	27	ug/Kg	☼	02/04/13 16:20	02/14/13 17:57	50
Isopropyl ether	<12		160	12	ug/Kg	☼	02/04/13 16:20	02/14/13 17:57	50
Isopropylbenzene	<20		160	20	ug/Kg	☼	02/04/13 16:20	02/14/13 17:57	50
Methyl tert-butyl ether	<34		160	34	ug/Kg	☼	02/04/13 16:20	02/14/13 17:57	50
Methylene Chloride	<54		400	54	ug/Kg	☼	02/04/13 16:20	02/14/13 17:57	50
Naphthalene	<39		160	39	ug/Kg	☼	02/04/13 16:20	02/14/13 17:57	50
n-Butylbenzene	<10		79	10	ug/Kg	☼	02/04/13 16:20	02/14/13 17:57	50
N-Propylbenzene	<14		160	14	ug/Kg	☼	02/04/13 16:20	02/14/13 17:57	50
p-Isopropyltoluene	<15		160	15	ug/Kg	☼	02/04/13 16:20	02/14/13 17:57	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-62 11-12'

Lab Sample ID: 500-54526-8

Date Collected: 02/04/13 16:20

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 84.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<12		79	12	ug/Kg	☼	02/04/13 16:20	02/14/13 17:57	50
Styrene	<7.8		79	7.8	ug/Kg	☼	02/04/13 16:20	02/14/13 17:57	50
tert-Butylbenzene	<11		79	11	ug/Kg	☼	02/04/13 16:20	02/14/13 17:57	50
Tetrachloroethene	<13		79	13	ug/Kg	☼	02/04/13 16:20	02/14/13 17:57	50
Toluene	<9.1		20	9.1	ug/Kg	☼	02/04/13 16:20	02/14/13 17:57	50
trans-1,2-Dichloroethene	<20		79	20	ug/Kg	☼	02/04/13 16:20	02/14/13 17:57	50
trans-1,3-Dichloropropene	<16		79	16	ug/Kg	☼	02/04/13 16:20	02/14/13 17:57	50
Trichloroethene	<15		40	15	ug/Kg	☼	02/04/13 16:20	02/14/13 17:57	50
Trichlorofluoromethane	<33		160	33	ug/Kg	☼	02/04/13 16:20	02/14/13 17:57	50
Vinyl chloride	<8.2		20	8.2	ug/Kg	☼	02/04/13 16:20	02/14/13 17:57	50
Xylenes, Total	<5.4		40	5.4	ug/Kg	☼	02/04/13 16:20	02/14/13 17:57	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		75 - 125				02/04/13 16:20	02/14/13 17:57	50
4-Bromofluorobenzene (Surr)	94		75 - 120				02/04/13 16:20	02/14/13 17:57	50
Dibromofluoromethane	96		75 - 120				02/04/13 16:20	02/14/13 17:57	50
Toluene-d8 (Surr)	98		75 - 120				02/04/13 16:20	02/14/13 17:57	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<19		38	19	ug/Kg	☼	02/14/13 07:12	02/26/13 13:31	1
2-Methylnaphthalene	<50		190	50	ug/Kg	☼	02/14/13 07:12	02/26/13 13:31	1
Acenaphthene	<11		38	11	ug/Kg	☼	02/14/13 07:12	02/26/13 13:31	1
Acenaphthylene	<8.8		38	8.8	ug/Kg	☼	02/14/13 07:12	02/26/13 13:31	1
Anthracene	<9.0		38	9.0	ug/Kg	☼	02/14/13 07:12	02/26/13 13:31	1
Benzo[a]anthracene	<8.0		38	8.0	ug/Kg	☼	02/14/13 07:12	02/26/13 13:31	1
Benzo[a]pyrene	<7.0		38	7.0	ug/Kg	☼	02/14/13 07:12	02/26/13 13:31	1
Benzo[b]fluoranthene	<7.5		38	7.5	ug/Kg	☼	02/14/13 07:12	02/26/13 13:31	1
Benzo[g,h,i]perylene	<13		38	13	ug/Kg	☼	02/14/13 07:12	02/26/13 13:31	1
Benzo[k]fluoranthene	<9.2		38	9.2	ug/Kg	☼	02/14/13 07:12	02/26/13 13:31	1
Chrysene	<8.7		38	8.7	ug/Kg	☼	02/14/13 07:12	02/26/13 13:31	1
Dibenz(a,h)anthracene	<11		38	11	ug/Kg	☼	02/14/13 07:12	02/26/13 13:31	1
Fluoranthene	<16		38	16	ug/Kg	☼	02/14/13 07:12	02/26/13 13:31	1
Fluorene	<8.7		38	8.7	ug/Kg	☼	02/14/13 07:12	02/26/13 13:31	1
Indeno[1,2,3-cd]pyrene	<13		38	13	ug/Kg	☼	02/14/13 07:12	02/26/13 13:31	1
Naphthalene	<7.4		38	7.4	ug/Kg	☼	02/14/13 07:12	02/26/13 13:31	1
Phenanthrene	<16		38	16	ug/Kg	☼	02/14/13 07:12	02/26/13 13:31	1
Pyrene	<14		38	14	ug/Kg	☼	02/14/13 07:12	02/26/13 13:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	78		30 - 119				02/14/13 07:12	02/26/13 13:31	1
Nitrobenzene-d5 (Surr)	72		30 - 115				02/14/13 07:12	02/26/13 13:31	1
Terphenyl-d14 (Surr)	95		36 - 134				02/14/13 07:12	02/26/13 13:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<6.9		20	6.9	ug/Kg	☼	02/13/13 18:40	02/15/13 15:06	1
PCB-1221	<8.6		20	8.6	ug/Kg	☼	02/13/13 18:40	02/15/13 15:06	1
PCB-1232	<8.5		20	8.5	ug/Kg	☼	02/13/13 18:40	02/15/13 15:06	1
PCB-1242	<6.4		20	6.4	ug/Kg	☼	02/13/13 18:40	02/15/13 15:06	1

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-62 11-12'

Lab Sample ID: 500-54526-8

Date Collected: 02/04/13 16:20

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 84.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	<7.7		20	7.7	ug/Kg	☼	02/13/13 18:40	02/15/13 15:06	1
PCB-1254	<4.2		20	4.2	ug/Kg	☼	02/13/13 18:40	02/15/13 15:06	1
PCB-1260	<9.6		20	9.6	ug/Kg	☼	02/13/13 18:40	02/15/13 15:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro- <i>m</i> -xylene	51		50 - 116	02/13/13 18:40	02/15/13 15:06	1
DCB Decachlorobiphenyl	68		48 - 142	02/13/13 18:40	02/15/13 15:06	1



Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-97 15'

Lab Sample ID: 500-54526-9

Date Collected: 02/06/13 09:55

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 84.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<30		170	30	ug/Kg	*	02/06/13 09:55	02/14/13 18:20	50
1,1,1-Trichloroethane	<17		87	17	ug/Kg	*	02/06/13 09:55	02/14/13 18:20	50
1,1,2,2-Tetrachloroethane	<20		87	20	ug/Kg	*	02/06/13 09:55	02/14/13 18:20	50
1,1,2-Trichloroethane	<24		87	24	ug/Kg	*	02/06/13 09:55	02/14/13 18:20	50
1,1-Dichloroethane	<16		87	16	ug/Kg	*	02/06/13 09:55	02/14/13 18:20	50
1,1-Dichloroethene	<27		87	27	ug/Kg	*	02/06/13 09:55	02/14/13 18:20	50
1,1-Dichloropropene	<30		87	30	ug/Kg	*	02/06/13 09:55	02/14/13 18:20	50
1,2,3-Trichlorobenzene	<30		170	30	ug/Kg	*	02/06/13 09:55	02/14/13 18:20	50
1,2,3-Trichloropropane	<50		170	50	ug/Kg	*	02/06/13 09:55	02/14/13 18:20	50
1,2,4-Trichlorobenzene	<33		170	33	ug/Kg	*	02/06/13 09:55	02/14/13 18:20	50
1,2,4-Trimethylbenzene	<18		170	18	ug/Kg	*	02/06/13 09:55	02/14/13 18:20	50
1,2-Dibromo-3-Chloropropane	<75		170	75	ug/Kg	*	02/06/13 09:55	02/14/13 18:20	50
1,2-Dibromoethane	<27		170	27	ug/Kg	*	02/06/13 09:55	02/14/13 18:20	50
1,2-Dichlorobenzene	<18		170	18	ug/Kg	*	02/06/13 09:55	02/14/13 18:20	50
1,2-Dichloroethane	<25		87	25	ug/Kg	*	02/06/13 09:55	02/14/13 18:20	50
1,2-Dichloropropane	<17		87	17	ug/Kg	*	02/06/13 09:55	02/14/13 18:20	50
1,3,5-Trimethylbenzene	<18		170	18	ug/Kg	*	02/06/13 09:55	02/14/13 18:20	50
1,3-Dichlorobenzene	<22		170	22	ug/Kg	*	02/06/13 09:55	02/14/13 18:20	50
1,3-Dichloropropane	<12		87	12	ug/Kg	*	02/06/13 09:55	02/14/13 18:20	50
1,4-Dichlorobenzene	<15		170	15	ug/Kg	*	02/06/13 09:55	02/14/13 18:20	50
2,2-Dichloropropane	<27		87	27	ug/Kg	*	02/06/13 09:55	02/14/13 18:20	50
2-Chlorotoluene	<18		87	18	ug/Kg	*	02/06/13 09:55	02/14/13 18:20	50
4-Chlorotoluene	<17		87	17	ug/Kg	*	02/06/13 09:55	02/14/13 18:20	50
Benzene	<6.4		22	6.4	ug/Kg	*	02/06/13 09:55	02/14/13 18:20	50
Bromobenzene	<37		170	37	ug/Kg	*	02/06/13 09:55	02/14/13 18:20	50
Bromochloromethane	<33		170	33	ug/Kg	*	02/06/13 09:55	02/14/13 18:20	50
Bromodichloromethane	<29		170	29	ug/Kg	*	02/06/13 09:55	02/14/13 18:20	50
Bromoform	<38		170	38	ug/Kg	*	02/06/13 09:55	02/14/13 18:20	50
Bromomethane	<59		170	59	ug/Kg	*	02/06/13 09:55	02/14/13 18:20	50
Carbon tetrachloride	<22		87	22	ug/Kg	*	02/06/13 09:55	02/14/13 18:20	50
Chlorobenzene	<12		87	12	ug/Kg	*	02/06/13 09:55	02/14/13 18:20	50
Chloroethane	<38		170	38	ug/Kg	*	02/06/13 09:55	02/14/13 18:20	50
Chloroform	<18		87	18	ug/Kg	*	02/06/13 09:55	02/14/13 18:20	50
Chloromethane	<40		170	40	ug/Kg	*	02/06/13 09:55	02/14/13 18:20	50
cis-1,2-Dichloroethene	<11		87	11	ug/Kg	*	02/06/13 09:55	02/14/13 18:20	50
cis-1,3-Dichloropropene	<15		87	15	ug/Kg	*	02/06/13 09:55	02/14/13 18:20	50
Dibromochloromethane	<30		170	30	ug/Kg	*	02/06/13 09:55	02/14/13 18:20	50
Dibromomethane	<42		170	42	ug/Kg	*	02/06/13 09:55	02/14/13 18:20	50
Dichlorodifluoromethane	<44		170	44	ug/Kg	*	02/06/13 09:55	02/14/13 18:20	50
Ethylbenzene	<11		22	11	ug/Kg	*	02/06/13 09:55	02/14/13 18:20	50
Hexachlorobutadiene	<30		170	30	ug/Kg	*	02/06/13 09:55	02/14/13 18:20	50
Isopropyl ether	<13		170	13	ug/Kg	*	02/06/13 09:55	02/14/13 18:20	50
Isopropylbenzene	<22		170	22	ug/Kg	*	02/06/13 09:55	02/14/13 18:20	50
Methyl tert-butyl ether	<37		170	37	ug/Kg	*	02/06/13 09:55	02/14/13 18:20	50
Methylene Chloride	<59		430	59	ug/Kg	*	02/06/13 09:55	02/14/13 18:20	50
Naphthalene	<43		170	43	ug/Kg	*	02/06/13 09:55	02/14/13 18:20	50
n-Butylbenzene	<11		87	11	ug/Kg	*	02/06/13 09:55	02/14/13 18:20	50
N-Propylbenzene	<15		170	15	ug/Kg	*	02/06/13 09:55	02/14/13 18:20	50
p-Isopropyltoluene	<16		170	16	ug/Kg	*	02/06/13 09:55	02/14/13 18:20	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-97 15'

Lab Sample ID: 500-54526-9

Date Collected: 02/06/13 09:55

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 84.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<13		87	13	ug/Kg	☼	02/06/13 09:55	02/14/13 18:20	50
Styrene	<8.6		87	8.6	ug/Kg	☼	02/06/13 09:55	02/14/13 18:20	50
tert-Butylbenzene	<12		87	12	ug/Kg	☼	02/06/13 09:55	02/14/13 18:20	50
Tetrachloroethene	<14		87	14	ug/Kg	☼	02/06/13 09:55	02/14/13 18:20	50
Toluene	<10		22	10	ug/Kg	☼	02/06/13 09:55	02/14/13 18:20	50
trans-1,2-Dichloroethene	<22		87	22	ug/Kg	☼	02/06/13 09:55	02/14/13 18:20	50
trans-1,3-Dichloropropene	<18		87	18	ug/Kg	☼	02/06/13 09:55	02/14/13 18:20	50
Trichloroethene	<16		43	16	ug/Kg	☼	02/06/13 09:55	02/14/13 18:20	50
Trichlorofluoromethane	<36		170	36	ug/Kg	☼	02/06/13 09:55	02/14/13 18:20	50
Vinyl chloride	<9.0		22	9.0	ug/Kg	☼	02/06/13 09:55	02/14/13 18:20	50
Xylenes, Total	<5.9		43	5.9	ug/Kg	☼	02/06/13 09:55	02/14/13 18:20	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		75 - 125				02/06/13 09:55	02/14/13 18:20	50
4-Bromofluorobenzene (Surr)	95		75 - 120				02/06/13 09:55	02/14/13 18:20	50
Dibromofluoromethane	91		75 - 120				02/06/13 09:55	02/14/13 18:20	50
Toluene-d8 (Surr)	93		75 - 120				02/06/13 09:55	02/14/13 18:20	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<19		38	19	ug/Kg	☼	02/14/13 07:12	02/22/13 16:36	1
2-Methylnaphthalene	<50		190	50	ug/Kg	☼	02/14/13 07:12	02/22/13 16:36	1
Acenaphthene	<11		38	11	ug/Kg	☼	02/14/13 07:12	02/22/13 16:36	1
Acenaphthylene	<8.8		38	8.8	ug/Kg	☼	02/14/13 07:12	02/22/13 16:36	1
Anthracene	<9.0		38	9.0	ug/Kg	☼	02/14/13 07:12	02/22/13 16:36	1
Benzo[a]anthracene	12	J	38	8.0	ug/Kg	☼	02/14/13 07:12	02/22/13 16:36	1
Benzo[a]pyrene	13	J	38	7.0	ug/Kg	☼	02/14/13 07:12	02/22/13 16:36	1
Benzo[b]fluoranthene	14	J	38	7.5	ug/Kg	☼	02/14/13 07:12	02/22/13 16:36	1
Benzo[g,h,i]perylene	<13		38	13	ug/Kg	☼	02/14/13 07:12	02/22/13 16:36	1
Benzo[k]fluoranthene	<9.2		38	9.2	ug/Kg	☼	02/14/13 07:12	02/22/13 16:36	1
Chrysene	22	J	38	8.7	ug/Kg	☼	02/14/13 07:12	02/22/13 16:36	1
Dibenz(a,h)anthracene	<11		38	11	ug/Kg	☼	02/14/13 07:12	02/22/13 16:36	1
Fluoranthene	18	J	38	16	ug/Kg	☼	02/14/13 07:12	02/22/13 16:36	1
Fluorene	<8.7		38	8.7	ug/Kg	☼	02/14/13 07:12	02/22/13 16:36	1
Indeno[1,2,3-cd]pyrene	<13		38	13	ug/Kg	☼	02/14/13 07:12	02/22/13 16:36	1
Naphthalene	<7.4		38	7.4	ug/Kg	☼	02/14/13 07:12	02/22/13 16:36	1
Phenanthrene	<16		38	16	ug/Kg	☼	02/14/13 07:12	02/22/13 16:36	1
Pyrene	16	J	38	14	ug/Kg	☼	02/14/13 07:12	02/22/13 16:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	64		30 - 119				02/14/13 07:12	02/22/13 16:36	1
Nitrobenzene-d5 (Surr)	53		30 - 115				02/14/13 07:12	02/22/13 16:36	1
Terphenyl-d14 (Surr)	81		36 - 134				02/14/13 07:12	02/22/13 16:36	1

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-113 15'

Lab Sample ID: 500-54526-10

Date Collected: 02/06/13 13:20

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 88.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<25		150	25	ug/Kg	*	02/06/13 13:20	02/15/13 23:26	50
1,1,1-Trichloroethane	<15		73	15	ug/Kg	*	02/06/13 13:20	02/15/13 23:26	50
1,1,2,2-Tetrachloroethane	<17		73	17	ug/Kg	*	02/06/13 13:20	02/15/13 23:26	50
1,1,2-Trichloroethane	<20		73	20	ug/Kg	*	02/06/13 13:20	02/15/13 23:26	50
1,1-Dichloroethane	<13		73	13	ug/Kg	*	02/06/13 13:20	02/15/13 23:26	50
1,1-Dichloroethene	<22		73	22	ug/Kg	*	02/06/13 13:20	02/15/13 23:26	50
1,1-Dichloropropene	<25		73	25	ug/Kg	*	02/06/13 13:20	02/15/13 23:26	50
1,2,3-Trichlorobenzene	<25		150	25	ug/Kg	*	02/06/13 13:20	02/15/13 23:26	50
1,2,3-Trichloropropane	<42		150	42	ug/Kg	*	02/06/13 13:20	02/15/13 23:26	50
1,2,4-Trichlorobenzene	<28		150	28	ug/Kg	*	02/06/13 13:20	02/15/13 23:26	50
1,2,4-Trimethylbenzene	<15		150	15	ug/Kg	*	02/06/13 13:20	02/15/13 23:26	50
1,2-Dibromo-3-Chloropropane	<63		150	63	ug/Kg	*	02/06/13 13:20	02/15/13 23:26	50
1,2-Dibromoethane	<23		150	23	ug/Kg	*	02/06/13 13:20	02/15/13 23:26	50
1,2-Dichlorobenzene	<15		150	15	ug/Kg	*	02/06/13 13:20	02/15/13 23:26	50
1,2-Dichloroethane	<21		73	21	ug/Kg	*	02/06/13 13:20	02/15/13 23:26	50
1,2-Dichloropropane	<14		73	14	ug/Kg	*	02/06/13 13:20	02/15/13 23:26	50
1,3,5-Trimethylbenzene	<15		150	15	ug/Kg	*	02/06/13 13:20	02/15/13 23:26	50
1,3-Dichlorobenzene	<19		150	19	ug/Kg	*	02/06/13 13:20	02/15/13 23:26	50
1,3-Dichloropropane	<9.8		73	9.8	ug/Kg	*	02/06/13 13:20	02/15/13 23:26	50
1,4-Dichlorobenzene	<13		150	13	ug/Kg	*	02/06/13 13:20	02/15/13 23:26	50
2,2-Dichloropropane	<23		73	23	ug/Kg	*	02/06/13 13:20	02/15/13 23:26	50
2-Chlorotoluene	<15		73	15	ug/Kg	*	02/06/13 13:20	02/15/13 23:26	50
4-Chlorotoluene	<14		73	14	ug/Kg	*	02/06/13 13:20	02/15/13 23:26	50
Benzene	<5.4		18	5.4	ug/Kg	*	02/06/13 13:20	02/15/13 23:26	50
Bromobenzene	<31		150	31	ug/Kg	*	02/06/13 13:20	02/15/13 23:26	50
Bromochloromethane	<28		150	28	ug/Kg	*	02/06/13 13:20	02/15/13 23:26	50
Bromodichloromethane	<25		150	25	ug/Kg	*	02/06/13 13:20	02/15/13 23:26	50
Bromoform	<32		150	32	ug/Kg	*	02/06/13 13:20	02/15/13 23:26	50
Bromomethane	<50		150	50	ug/Kg	*	02/06/13 13:20	02/15/13 23:26	50
Carbon tetrachloride	<19		73	19	ug/Kg	*	02/06/13 13:20	02/15/13 23:26	50
Chlorobenzene	<10		73	10	ug/Kg	*	02/06/13 13:20	02/15/13 23:26	50
Chloroethane	<32		150	32	ug/Kg	*	02/06/13 13:20	02/15/13 23:26	50
Chloroform	<15		73	15	ug/Kg	*	02/06/13 13:20	02/15/13 23:26	50
Chloromethane	<34		150	34	ug/Kg	*	02/06/13 13:20	02/15/13 23:26	50
cis-1,2-Dichloroethene	<9.0		73	9.0	ug/Kg	*	02/06/13 13:20	02/15/13 23:26	50
cis-1,3-Dichloropropene	<13		73	13	ug/Kg	*	02/06/13 13:20	02/15/13 23:26	50
Dibromochloromethane	<25		150	25	ug/Kg	*	02/06/13 13:20	02/15/13 23:26	50
Dibromomethane	<35		150	35	ug/Kg	*	02/06/13 13:20	02/15/13 23:26	50
Dichlorodifluoromethane	<37		150	37	ug/Kg	*	02/06/13 13:20	02/15/13 23:26	50
Ethylbenzene	<9.2		18	9.2	ug/Kg	*	02/06/13 13:20	02/15/13 23:26	50
Hexachlorobutadiene	<25		150	25	ug/Kg	*	02/06/13 13:20	02/15/13 23:26	50
Isopropyl ether	<11		150	11	ug/Kg	*	02/06/13 13:20	02/15/13 23:26	50
Isopropylbenzene	<18		150	18	ug/Kg	*	02/06/13 13:20	02/15/13 23:26	50
Methyl tert-butyl ether	<31		150	31	ug/Kg	*	02/06/13 13:20	02/15/13 23:26	50
Methylene Chloride	<50		360	50	ug/Kg	*	02/06/13 13:20	02/15/13 23:26	50
Naphthalene	<36		150	36	ug/Kg	*	02/06/13 13:20	02/15/13 23:26	50
n-Butylbenzene	<9.4		73	9.4	ug/Kg	*	02/06/13 13:20	02/15/13 23:26	50
N-Propylbenzene	<13		150	13	ug/Kg	*	02/06/13 13:20	02/15/13 23:26	50
p-Isopropyltoluene	<13		150	13	ug/Kg	*	02/06/13 13:20	02/15/13 23:26	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-113 15'

Lab Sample ID: 500-54526-10

Date Collected: 02/06/13 13:20

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 88.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<11		73	11	ug/Kg	☼	02/06/13 13:20	02/15/13 23:26	50
Styrene	<7.2		73	7.2	ug/Kg	☼	02/06/13 13:20	02/15/13 23:26	50
tert-Butylbenzene	<9.9		73	9.9	ug/Kg	☼	02/06/13 13:20	02/15/13 23:26	50
Tetrachloroethene	<12		73	12	ug/Kg	☼	02/06/13 13:20	02/15/13 23:26	50
Toluene	<8.4		18	8.4	ug/Kg	☼	02/06/13 13:20	02/15/13 23:26	50
trans-1,2-Dichloroethene	<18		73	18	ug/Kg	☼	02/06/13 13:20	02/15/13 23:26	50
trans-1,3-Dichloropropene	<15		73	15	ug/Kg	☼	02/06/13 13:20	02/15/13 23:26	50
Trichloroethene	<14		36	14	ug/Kg	☼	02/06/13 13:20	02/15/13 23:26	50
Trichlorofluoromethane	<30		150	30	ug/Kg	☼	02/06/13 13:20	02/15/13 23:26	50
Vinyl chloride	<7.6		18	7.6	ug/Kg	☼	02/06/13 13:20	02/15/13 23:26	50
Xylenes, Total	9.7	J	36	5.0	ug/Kg	☼	02/06/13 13:20	02/15/13 23:26	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		75 - 125	02/06/13 13:20	02/15/13 23:26	50
4-Bromofluorobenzene (Surr)	93		75 - 120	02/06/13 13:20	02/15/13 23:26	50
Dibromofluoromethane	93		75 - 120	02/06/13 13:20	02/15/13 23:26	50
Toluene-d8 (Surr)	96		75 - 120	02/06/13 13:20	02/15/13 23:26	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<18		36	18	ug/Kg	☼	02/14/13 07:12	02/22/13 16:59	1
2-Methylnaphthalene	<47		180	47	ug/Kg	☼	02/14/13 07:12	02/22/13 16:59	1
Acenaphthene	<11		36	11	ug/Kg	☼	02/14/13 07:12	02/22/13 16:59	1
Acenaphthylene	<8.3		36	8.3	ug/Kg	☼	02/14/13 07:12	02/22/13 16:59	1
Anthracene	13	J	36	8.5	ug/Kg	☼	02/14/13 07:12	02/22/13 16:59	1
Benzo[a]anthracene	13	J	36	7.6	ug/Kg	☼	02/14/13 07:12	02/22/13 16:59	1
Benzo[a]pyrene	13	J	36	6.6	ug/Kg	☼	02/14/13 07:12	02/22/13 16:59	1
Benzo[b]fluoranthene	16	J	36	7.1	ug/Kg	☼	02/14/13 07:12	02/22/13 16:59	1
Benzo[g,h,i]perylene	16	J	36	12	ug/Kg	☼	02/14/13 07:12	02/22/13 16:59	1
Benzo[k]fluoranthene	<8.7		36	8.7	ug/Kg	☼	02/14/13 07:12	02/22/13 16:59	1
Chrysene	27	J	36	8.2	ug/Kg	☼	02/14/13 07:12	02/22/13 16:59	1
Dibenz(a,h)anthracene	<10		36	10	ug/Kg	☼	02/14/13 07:12	02/22/13 16:59	1
Fluoranthene	21	J	36	15	ug/Kg	☼	02/14/13 07:12	02/22/13 16:59	1
Fluorene	<8.3		36	8.3	ug/Kg	☼	02/14/13 07:12	02/22/13 16:59	1
Indeno[1,2,3-cd]pyrene	<12		36	12	ug/Kg	☼	02/14/13 07:12	02/22/13 16:59	1
Naphthalene	35	J	36	7.0	ug/Kg	☼	02/14/13 07:12	02/22/13 16:59	1
Phenanthrene	19	J	36	15	ug/Kg	☼	02/14/13 07:12	02/22/13 16:59	1
Pyrene	22	J	36	13	ug/Kg	☼	02/14/13 07:12	02/22/13 16:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	71		30 - 119	02/14/13 07:12	02/22/13 16:59	1
Nitrobenzene-d5 (Surr)	59		30 - 115	02/14/13 07:12	02/22/13 16:59	1
Terphenyl-d14 (Surr)	87		36 - 134	02/14/13 07:12	02/22/13 16:59	1

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-108 15'

Lab Sample ID: 500-54526-11

Date Collected: 02/06/13 14:15

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 88.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<27		150	27	ug/Kg	☼	02/06/13 14:15	02/16/13 05:06	50
1,1,1-Trichloroethane	<16		77	16	ug/Kg	☼	02/06/13 14:15	02/16/13 05:06	50
1,1,2,2-Tetrachloroethane	<18		77	18	ug/Kg	☼	02/06/13 14:15	02/16/13 05:06	50
1,1,2-Trichloroethane	<22		77	22	ug/Kg	☼	02/06/13 14:15	02/16/13 05:06	50
1,1-Dichloroethane	<14		77	14	ug/Kg	☼	02/06/13 14:15	02/16/13 05:06	50
1,1-Dichloroethene	<24		77	24	ug/Kg	☼	02/06/13 14:15	02/16/13 05:06	50
1,1-Dichloropropene	<27		77	27	ug/Kg	☼	02/06/13 14:15	02/16/13 05:06	50
1,2,3-Trichlorobenzene	<27		150	27	ug/Kg	☼	02/06/13 14:15	02/16/13 05:06	50
1,2,3-Trichloropropane	<44		150	44	ug/Kg	☼	02/06/13 14:15	02/16/13 05:06	50
1,2,4-Trichlorobenzene	<29		150	29	ug/Kg	☼	02/06/13 14:15	02/16/13 05:06	50
1,2,4-Trimethylbenzene	730		150	16	ug/Kg	☼	02/06/13 14:15	02/16/13 05:06	50
1,2-Dibromo-3-Chloropropane	<67		150	67	ug/Kg	☼	02/06/13 14:15	02/16/13 05:06	50
1,2-Dibromoethane	<24		150	24	ug/Kg	☼	02/06/13 14:15	02/16/13 05:06	50
1,2-Dichlorobenzene	<16		150	16	ug/Kg	☼	02/06/13 14:15	02/16/13 05:06	50
1,2-Dichloroethane	<22		77	22	ug/Kg	☼	02/06/13 14:15	02/16/13 05:06	50
1,2-Dichloropropane	<15		77	15	ug/Kg	☼	02/06/13 14:15	02/16/13 05:06	50
1,3,5-Trimethylbenzene	380		150	16	ug/Kg	☼	02/06/13 14:15	02/16/13 05:06	50
1,3-Dichlorobenzene	<20		150	20	ug/Kg	☼	02/06/13 14:15	02/16/13 05:06	50
1,3-Dichloropropane	<10		77	10	ug/Kg	☼	02/06/13 14:15	02/16/13 05:06	50
1,4-Dichlorobenzene	<13		150	13	ug/Kg	☼	02/06/13 14:15	02/16/13 05:06	50
2,2-Dichloropropane	<24		77	24	ug/Kg	☼	02/06/13 14:15	02/16/13 05:06	50
2-Chlorotoluene	<16		77	16	ug/Kg	☼	02/06/13 14:15	02/16/13 05:06	50
4-Chlorotoluene	<15		77	15	ug/Kg	☼	02/06/13 14:15	02/16/13 05:06	50
Benzene	3500		19	5.8	ug/Kg	☼	02/06/13 14:15	02/16/13 05:06	50
Bromobenzene	<33		150	33	ug/Kg	☼	02/06/13 14:15	02/16/13 05:06	50
Bromochloromethane	<29		150	29	ug/Kg	☼	02/06/13 14:15	02/16/13 05:06	50
Bromodichloromethane	<26		150	26	ug/Kg	☼	02/06/13 14:15	02/16/13 05:06	50
Bromoform	<34		150	34	ug/Kg	☼	02/06/13 14:15	02/16/13 05:06	50
Bromomethane	<53		150	53	ug/Kg	☼	02/06/13 14:15	02/16/13 05:06	50
Carbon tetrachloride	<20		77	20	ug/Kg	☼	02/06/13 14:15	02/16/13 05:06	50
Chlorobenzene	<11		77	11	ug/Kg	☼	02/06/13 14:15	02/16/13 05:06	50
Chloroethane	<34		150	34	ug/Kg	☼	02/06/13 14:15	02/16/13 05:06	50
Chloroform	<16		77	16	ug/Kg	☼	02/06/13 14:15	02/16/13 05:06	50
Chloromethane	<36		150	36	ug/Kg	☼	02/06/13 14:15	02/16/13 05:06	50
cis-1,2-Dichloroethene	<9.5		77	9.5	ug/Kg	☼	02/06/13 14:15	02/16/13 05:06	50
cis-1,3-Dichloropropene	<14		77	14	ug/Kg	☼	02/06/13 14:15	02/16/13 05:06	50
Dibromochloromethane	<27		150	27	ug/Kg	☼	02/06/13 14:15	02/16/13 05:06	50
Dibromomethane	<37		150	37	ug/Kg	☼	02/06/13 14:15	02/16/13 05:06	50
Dichlorodifluoromethane	<40		150	40	ug/Kg	☼	02/06/13 14:15	02/16/13 05:06	50
Ethylbenzene	1600		19	9.8	ug/Kg	☼	02/06/13 14:15	02/16/13 05:06	50
Hexachlorobutadiene	<27		150	27	ug/Kg	☼	02/06/13 14:15	02/16/13 05:06	50
Isopropyl ether	<11		150	11	ug/Kg	☼	02/06/13 14:15	02/16/13 05:06	50
Isopropylbenzene	67 J		150	19	ug/Kg	☼	02/06/13 14:15	02/16/13 05:06	50
Methyl tert-butyl ether	<33		150	33	ug/Kg	☼	02/06/13 14:15	02/16/13 05:06	50
Methylene Chloride	<53		390	53	ug/Kg	☼	02/06/13 14:15	02/16/13 05:06	50
n-Butylbenzene	<10		77	10	ug/Kg	☼	02/06/13 14:15	02/16/13 05:06	50
N-Propylbenzene	<14		150	14	ug/Kg	☼	02/06/13 14:15	02/16/13 05:06	50
p-Isopropyltoluene	<14		150	14	ug/Kg	☼	02/06/13 14:15	02/16/13 05:06	50
sec-Butylbenzene	<12		77	12	ug/Kg	☼	02/06/13 14:15	02/16/13 05:06	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-108 15'

Lab Sample ID: 500-54526-11

Date Collected: 02/06/13 14:15

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 88.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	180		77	7.7	ug/Kg	☼	02/06/13 14:15	02/16/13 05:06	50
tert-Butylbenzene	<11		77	11	ug/Kg	☼	02/06/13 14:15	02/16/13 05:06	50
Tetrachloroethene	<13		77	13	ug/Kg	☼	02/06/13 14:15	02/16/13 05:06	50
Toluene	1500		19	8.9	ug/Kg	☼	02/06/13 14:15	02/16/13 05:06	50
trans-1,2-Dichloroethene	<19		77	19	ug/Kg	☼	02/06/13 14:15	02/16/13 05:06	50
trans-1,3-Dichloropropene	<16		77	16	ug/Kg	☼	02/06/13 14:15	02/16/13 05:06	50
Trichloroethene	<14		39	14	ug/Kg	☼	02/06/13 14:15	02/16/13 05:06	50
Trichlorofluoromethane	<32		150	32	ug/Kg	☼	02/06/13 14:15	02/16/13 05:06	50
Vinyl chloride	<8.1		19	8.1	ug/Kg	☼	02/06/13 14:15	02/16/13 05:06	50
Xylenes, Total	6200		39	5.3	ug/Kg	☼	02/06/13 14:15	02/16/13 05:06	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		75 - 125				02/06/13 14:15	02/16/13 05:06	50
4-Bromofluorobenzene (Surr)	92		75 - 120				02/06/13 14:15	02/16/13 05:06	50
Dibromofluoromethane	98		75 - 120				02/06/13 14:15	02/16/13 05:06	50
Toluene-d8 (Surr)	94		75 - 120				02/06/13 14:15	02/16/13 05:06	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	20000		1500	380	ug/Kg	☼	02/06/13 14:15	02/19/13 16:37	500
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		75 - 125				02/06/13 14:15	02/19/13 16:37	500
4-Bromofluorobenzene (Surr)	95		75 - 120				02/06/13 14:15	02/19/13 16:37	500
Dibromofluoromethane	95		75 - 120				02/06/13 14:15	02/19/13 16:37	500
Toluene-d8 (Surr)	93		75 - 120				02/06/13 14:15	02/19/13 16:37	500

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	120		36	18	ug/Kg	☼	02/14/13 07:12	02/22/13 17:21	1
2-Methylnaphthalene	160	J	180	47	ug/Kg	☼	02/14/13 07:12	02/22/13 17:21	1
Acenaphthene	44		36	11	ug/Kg	☼	02/14/13 07:12	02/22/13 17:21	1
Acenaphthylene	23	J	36	8.3	ug/Kg	☼	02/14/13 07:12	02/22/13 17:21	1
Anthracene	20	J	36	8.5	ug/Kg	☼	02/14/13 07:12	02/22/13 17:21	1
Benzo[a]anthracene	28	J	36	7.6	ug/Kg	☼	02/14/13 07:12	02/22/13 17:21	1
Benzo[a]pyrene	23	J	36	6.6	ug/Kg	☼	02/14/13 07:12	02/22/13 17:21	1
Benzo[b]fluoranthene	28	J	36	7.0	ug/Kg	☼	02/14/13 07:12	02/22/13 17:21	1
Benzo[g,h,i]perylene	17	J	36	12	ug/Kg	☼	02/14/13 07:12	02/22/13 17:21	1
Benzo[k]fluoranthene	14	J	36	8.7	ug/Kg	☼	02/14/13 07:12	02/22/13 17:21	1
Chrysene	27	J	36	8.2	ug/Kg	☼	02/14/13 07:12	02/22/13 17:21	1
Dibenz(a,h)anthracene	<10		36	10	ug/Kg	☼	02/14/13 07:12	02/22/13 17:21	1
Fluoranthene	89		36	15	ug/Kg	☼	02/14/13 07:12	02/22/13 17:21	1
Fluorene	47		36	8.3	ug/Kg	☼	02/14/13 07:12	02/22/13 17:21	1
Indeno[1,2,3-cd]pyrene	14	J	36	12	ug/Kg	☼	02/14/13 07:12	02/22/13 17:21	1
Naphthalene	7800		180	35	ug/Kg	☼	02/14/13 07:12	02/26/13 13:55	5
Phenanthrene	170		36	15	ug/Kg	☼	02/14/13 07:12	02/22/13 17:21	1
Pyrene	77		36	13	ug/Kg	☼	02/14/13 07:12	02/22/13 17:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	74		30 - 119				02/14/13 07:12	02/22/13 17:21	1
Nitrobenzene-d5 (Surr)	50		30 - 115				02/14/13 07:12	02/22/13 17:21	1

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-108 15'

Date Collected: 02/06/13 14:15

Date Received: 02/13/13 10:10

Lab Sample ID: 500-54526-11

Matrix: Solid

Percent Solids: 88.2

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>Terphenyl-d14 (Surr)</i>	111		36 - 134	02/14/13 07:12	02/22/13 17:21	1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-48 0-2'

Lab Sample ID: 500-54526-12

Date Collected: 02/07/13 11:05

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 86.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<30		170	30	ug/Kg	*	02/07/13 11:05	02/15/13 23:48	50
1,1,1-Trichloroethane	<17		86	17	ug/Kg	*	02/07/13 11:05	02/15/13 23:48	50
1,1,2,2-Tetrachloroethane	<20		86	20	ug/Kg	*	02/07/13 11:05	02/15/13 23:48	50
1,1,2-Trichloroethane	<24		86	24	ug/Kg	*	02/07/13 11:05	02/15/13 23:48	50
1,1-Dichloroethane	<16		86	16	ug/Kg	*	02/07/13 11:05	02/15/13 23:48	50
1,1-Dichloroethene	<26		86	26	ug/Kg	*	02/07/13 11:05	02/15/13 23:48	50
1,1-Dichloropropene	<30		86	30	ug/Kg	*	02/07/13 11:05	02/15/13 23:48	50
1,2,3-Trichlorobenzene	<30		170	30	ug/Kg	*	02/07/13 11:05	02/15/13 23:48	50
1,2,3-Trichloropropane	<49		170	49	ug/Kg	*	02/07/13 11:05	02/15/13 23:48	50
1,2,4-Trichlorobenzene	<32		170	32	ug/Kg	*	02/07/13 11:05	02/15/13 23:48	50
1,2,4-Trimethylbenzene	48	J	170	18	ug/Kg	*	02/07/13 11:05	02/15/13 23:48	50
1,2-Dibromo-3-Chloropropane	<75		170	75	ug/Kg	*	02/07/13 11:05	02/15/13 23:48	50
1,2-Dibromoethane	<27		170	27	ug/Kg	*	02/07/13 11:05	02/15/13 23:48	50
1,2-Dichlorobenzene	<18		170	18	ug/Kg	*	02/07/13 11:05	02/15/13 23:48	50
1,2-Dichloroethane	<24		86	24	ug/Kg	*	02/07/13 11:05	02/15/13 23:48	50
1,2-Dichloropropane	<17		86	17	ug/Kg	*	02/07/13 11:05	02/15/13 23:48	50
1,3,5-Trimethylbenzene	<18		170	18	ug/Kg	*	02/07/13 11:05	02/15/13 23:48	50
1,3-Dichlorobenzene	<22		170	22	ug/Kg	*	02/07/13 11:05	02/15/13 23:48	50
1,3-Dichloropropane	<12		86	12	ug/Kg	*	02/07/13 11:05	02/15/13 23:48	50
1,4-Dichlorobenzene	<15		170	15	ug/Kg	*	02/07/13 11:05	02/15/13 23:48	50
2,2-Dichloropropane	<27		86	27	ug/Kg	*	02/07/13 11:05	02/15/13 23:48	50
2-Chlorotoluene	<18		86	18	ug/Kg	*	02/07/13 11:05	02/15/13 23:48	50
4-Chlorotoluene	<17		86	17	ug/Kg	*	02/07/13 11:05	02/15/13 23:48	50
Benzene	280		21	6.4	ug/Kg	*	02/07/13 11:05	02/15/13 23:48	50
Bromobenzene	<36		170	36	ug/Kg	*	02/07/13 11:05	02/15/13 23:48	50
Bromochloromethane	<32		170	32	ug/Kg	*	02/07/13 11:05	02/15/13 23:48	50
Bromodichloromethane	<29		170	29	ug/Kg	*	02/07/13 11:05	02/15/13 23:48	50
Bromoform	<38		170	38	ug/Kg	*	02/07/13 11:05	02/15/13 23:48	50
Bromomethane	<59		170	59	ug/Kg	*	02/07/13 11:05	02/15/13 23:48	50
Carbon tetrachloride	<22		86	22	ug/Kg	*	02/07/13 11:05	02/15/13 23:48	50
Chlorobenzene	<12		86	12	ug/Kg	*	02/07/13 11:05	02/15/13 23:48	50
Chloroethane	<37		170	37	ug/Kg	*	02/07/13 11:05	02/15/13 23:48	50
Chloroform	<18		86	18	ug/Kg	*	02/07/13 11:05	02/15/13 23:48	50
Chloromethane	<40		170	40	ug/Kg	*	02/07/13 11:05	02/15/13 23:48	50
cis-1,2-Dichloroethene	<11		86	11	ug/Kg	*	02/07/13 11:05	02/15/13 23:48	50
cis-1,3-Dichloropropene	<15		86	15	ug/Kg	*	02/07/13 11:05	02/15/13 23:48	50
Dibromochloromethane	<30		170	30	ug/Kg	*	02/07/13 11:05	02/15/13 23:48	50
Dibromomethane	<41		170	41	ug/Kg	*	02/07/13 11:05	02/15/13 23:48	50
Dichlorodifluoromethane	<44		170	44	ug/Kg	*	02/07/13 11:05	02/15/13 23:48	50
Ethylbenzene	63		21	11	ug/Kg	*	02/07/13 11:05	02/15/13 23:48	50
Hexachlorobutadiene	<30		170	30	ug/Kg	*	02/07/13 11:05	02/15/13 23:48	50
Isopropyl ether	<13		170	13	ug/Kg	*	02/07/13 11:05	02/15/13 23:48	50
Isopropylbenzene	<22		170	22	ug/Kg	*	02/07/13 11:05	02/15/13 23:48	50
Methyl tert-butyl ether	<37		170	37	ug/Kg	*	02/07/13 11:05	02/15/13 23:48	50
Methylene Chloride	<59		430	59	ug/Kg	*	02/07/13 11:05	02/15/13 23:48	50
Naphthalene	1700		170	42	ug/Kg	*	02/07/13 11:05	02/15/13 23:48	50
n-Butylbenzene	<11		86	11	ug/Kg	*	02/07/13 11:05	02/15/13 23:48	50
N-Propylbenzene	<15		170	15	ug/Kg	*	02/07/13 11:05	02/15/13 23:48	50
p-Isopropyltoluene	<16		170	16	ug/Kg	*	02/07/13 11:05	02/15/13 23:48	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-48 0-2'

Lab Sample ID: 500-54526-12

Date Collected: 02/07/13 11:05

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 86.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<13		86	13	ug/Kg	☼	02/07/13 11:05	02/15/13 23:48	50
Styrene	<8.5		86	8.5	ug/Kg	☼	02/07/13 11:05	02/15/13 23:48	50
tert-Butylbenzene	<12		86	12	ug/Kg	☼	02/07/13 11:05	02/15/13 23:48	50
Tetrachloroethene	<14		86	14	ug/Kg	☼	02/07/13 11:05	02/15/13 23:48	50
Toluene	410		21	9.9	ug/Kg	☼	02/07/13 11:05	02/15/13 23:48	50
trans-1,2-Dichloroethene	<21		86	21	ug/Kg	☼	02/07/13 11:05	02/15/13 23:48	50
trans-1,3-Dichloropropene	<18		86	18	ug/Kg	☼	02/07/13 11:05	02/15/13 23:48	50
Trichloroethene	<16		43	16	ug/Kg	☼	02/07/13 11:05	02/15/13 23:48	50
Trichlorofluoromethane	<36		170	36	ug/Kg	☼	02/07/13 11:05	02/15/13 23:48	50
Vinyl chloride	<8.9		21	8.9	ug/Kg	☼	02/07/13 11:05	02/15/13 23:48	50
Xylenes, Total	250		43	5.9	ug/Kg	☼	02/07/13 11:05	02/15/13 23:48	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		75 - 125				02/07/13 11:05	02/15/13 23:48	50
4-Bromofluorobenzene (Surr)	97		75 - 120				02/07/13 11:05	02/15/13 23:48	50
Dibromofluoromethane	95		75 - 120				02/07/13 11:05	02/15/13 23:48	50
Toluene-d8 (Surr)	92		75 - 120				02/07/13 11:05	02/15/13 23:48	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	120	J	180	91	ug/Kg	☼	02/14/13 07:12	02/26/13 14:18	5
2-Methylnaphthalene	<240		920	240	ug/Kg	☼	02/14/13 07:12	02/26/13 14:18	5
Acenaphthene	130	J	180	55	ug/Kg	☼	02/14/13 07:12	02/26/13 14:18	5
Acenaphthylene	1100		180	42	ug/Kg	☼	02/14/13 07:12	02/26/13 14:18	5
Anthracene	1300		180	43	ug/Kg	☼	02/14/13 07:12	02/26/13 14:18	5
Benzo[a]anthracene	3200		180	38	ug/Kg	☼	02/14/13 07:12	02/26/13 14:18	5
Benzo[a]pyrene	5600		180	33	ug/Kg	☼	02/14/13 07:12	02/26/13 14:18	5
Benzo[b]fluoranthene	8500		180	35	ug/Kg	☼	02/14/13 07:12	02/26/13 14:18	5
Benzo[g,h,i]perylene	4700		180	62	ug/Kg	☼	02/14/13 07:12	02/26/13 14:18	5
Benzo[k]fluoranthene	3300		180	43	ug/Kg	☼	02/14/13 07:12	02/26/13 14:18	5
Chrysene	4600		180	41	ug/Kg	☼	02/14/13 07:12	02/26/13 14:18	5
Dibenz(a,h)anthracene	1100		180	51	ug/Kg	☼	02/14/13 07:12	02/26/13 14:18	5
Fluoranthene	3800		180	75	ug/Kg	☼	02/14/13 07:12	02/26/13 14:18	5
Fluorene	160	J	180	41	ug/Kg	☼	02/14/13 07:12	02/26/13 14:18	5
Indeno[1,2,3-cd]pyrene	4100		180	62	ug/Kg	☼	02/14/13 07:12	02/26/13 14:18	5
Naphthalene	350		180	35	ug/Kg	☼	02/14/13 07:12	02/26/13 14:18	5
Phenanthrene	1200		180	76	ug/Kg	☼	02/14/13 07:12	02/26/13 14:18	5
Pyrene	4400		180	66	ug/Kg	☼	02/14/13 07:12	02/26/13 14:18	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	80		30 - 119				02/14/13 07:12	02/26/13 14:18	5
Nitrobenzene-d5 (Surr)	63		30 - 115				02/14/13 07:12	02/26/13 14:18	5
Terphenyl-d14 (Surr)	95		36 - 134				02/14/13 07:12	02/26/13 14:18	5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<6.5		18	6.5	ug/Kg	☼	02/13/13 18:40	02/15/13 15:34	1
PCB-1221	<8.0		18	8.0	ug/Kg	☼	02/13/13 18:40	02/15/13 15:34	1
PCB-1232	<8.0		18	8.0	ug/Kg	☼	02/13/13 18:40	02/15/13 15:34	1
PCB-1242	<6.0		18	6.0	ug/Kg	☼	02/13/13 18:40	02/15/13 15:34	1

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-48 0-2'

Lab Sample ID: 500-54526-12

Date Collected: 02/07/13 11:05

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 86.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	<7.2		18	7.2	ug/Kg	☼	02/13/13 18:40	02/15/13 15:34	1
PCB-1254	30		18	3.9	ug/Kg	☼	02/13/13 18:40	02/15/13 15:34	1
PCB-1260	<9.0		18	9.0	ug/Kg	☼	02/13/13 18:40	02/15/13 15:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	63		50 - 116				02/13/13 18:40	02/15/13 15:34	1
DCB Decachlorobiphenyl	79		48 - 142				02/13/13 18:40	02/15/13 15:34	1

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-48 10-12'

Lab Sample ID: 500-54526-13

Date Collected: 02/07/13 11:20

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 83.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<28		160	28	ug/Kg	☼	02/07/13 11:20	02/16/13 00:11	50
1,1,1-Trichloroethane	<16		81	16	ug/Kg	☼	02/07/13 11:20	02/16/13 00:11	50
1,1,2,2-Tetrachloroethane	<19		81	19	ug/Kg	☼	02/07/13 11:20	02/16/13 00:11	50
1,1,2-Trichloroethane	<23		81	23	ug/Kg	☼	02/07/13 11:20	02/16/13 00:11	50
1,1-Dichloroethane	<15		81	15	ug/Kg	☼	02/07/13 11:20	02/16/13 00:11	50
1,1-Dichloroethene	<25		81	25	ug/Kg	☼	02/07/13 11:20	02/16/13 00:11	50
1,1-Dichloropropene	<28		81	28	ug/Kg	☼	02/07/13 11:20	02/16/13 00:11	50
1,2,3-Trichlorobenzene	<28		160	28	ug/Kg	☼	02/07/13 11:20	02/16/13 00:11	50
1,2,3-Trichloropropane	<47		160	47	ug/Kg	☼	02/07/13 11:20	02/16/13 00:11	50
1,2,4-Trichlorobenzene	<31		160	31	ug/Kg	☼	02/07/13 11:20	02/16/13 00:11	50
1,2,4-Trimethylbenzene	<17		160	17	ug/Kg	☼	02/07/13 11:20	02/16/13 00:11	50
1,2-Dibromo-3-Chloropropane	<71		160	71	ug/Kg	☼	02/07/13 11:20	02/16/13 00:11	50
1,2-Dibromoethane	<26		160	26	ug/Kg	☼	02/07/13 11:20	02/16/13 00:11	50
1,2-Dichlorobenzene	<17		160	17	ug/Kg	☼	02/07/13 11:20	02/16/13 00:11	50
1,2-Dichloroethane	<23		81	23	ug/Kg	☼	02/07/13 11:20	02/16/13 00:11	50
1,2-Dichloropropane	<16		81	16	ug/Kg	☼	02/07/13 11:20	02/16/13 00:11	50
1,3,5-Trimethylbenzene	<17		160	17	ug/Kg	☼	02/07/13 11:20	02/16/13 00:11	50
1,3-Dichlorobenzene	<21		160	21	ug/Kg	☼	02/07/13 11:20	02/16/13 00:11	50
1,3-Dichloropropane	<11		81	11	ug/Kg	☼	02/07/13 11:20	02/16/13 00:11	50
1,4-Dichlorobenzene	<14		160	14	ug/Kg	☼	02/07/13 11:20	02/16/13 00:11	50
2,2-Dichloropropane	<26		81	26	ug/Kg	☼	02/07/13 11:20	02/16/13 00:11	50
2-Chlorotoluene	<17		81	17	ug/Kg	☼	02/07/13 11:20	02/16/13 00:11	50
4-Chlorotoluene	<16		81	16	ug/Kg	☼	02/07/13 11:20	02/16/13 00:11	50
Benzene	<6.0		20	6.0	ug/Kg	☼	02/07/13 11:20	02/16/13 00:11	50
Bromobenzene	<35		160	35	ug/Kg	☼	02/07/13 11:20	02/16/13 00:11	50
Bromochloromethane	<31		160	31	ug/Kg	☼	02/07/13 11:20	02/16/13 00:11	50
Bromodichloromethane	<27		160	27	ug/Kg	☼	02/07/13 11:20	02/16/13 00:11	50
Bromoform	<36		160	36	ug/Kg	☼	02/07/13 11:20	02/16/13 00:11	50
Bromomethane	<55		160	55	ug/Kg	☼	02/07/13 11:20	02/16/13 00:11	50
Carbon tetrachloride	<21		81	21	ug/Kg	☼	02/07/13 11:20	02/16/13 00:11	50
Chlorobenzene	<12		81	12	ug/Kg	☼	02/07/13 11:20	02/16/13 00:11	50
Chloroethane	<35		160	35	ug/Kg	☼	02/07/13 11:20	02/16/13 00:11	50
Chloroform	<17		81	17	ug/Kg	☼	02/07/13 11:20	02/16/13 00:11	50
Chloromethane	<38		160	38	ug/Kg	☼	02/07/13 11:20	02/16/13 00:11	50
cis-1,2-Dichloroethene	<10		81	10	ug/Kg	☼	02/07/13 11:20	02/16/13 00:11	50
cis-1,3-Dichloropropene	<14		81	14	ug/Kg	☼	02/07/13 11:20	02/16/13 00:11	50
Dibromochloromethane	<28		160	28	ug/Kg	☼	02/07/13 11:20	02/16/13 00:11	50
Dibromomethane	<39		160	39	ug/Kg	☼	02/07/13 11:20	02/16/13 00:11	50
Dichlorodifluoromethane	<42		160	42	ug/Kg	☼	02/07/13 11:20	02/16/13 00:11	50
Ethylbenzene	<10		20	10	ug/Kg	☼	02/07/13 11:20	02/16/13 00:11	50
Hexachlorobutadiene	<28		160	28	ug/Kg	☼	02/07/13 11:20	02/16/13 00:11	50
Isopropyl ether	<12		160	12	ug/Kg	☼	02/07/13 11:20	02/16/13 00:11	50
Isopropylbenzene	<20		160	20	ug/Kg	☼	02/07/13 11:20	02/16/13 00:11	50
Methyl tert-butyl ether	<35		160	35	ug/Kg	☼	02/07/13 11:20	02/16/13 00:11	50
Methylene Chloride	<56		410	56	ug/Kg	☼	02/07/13 11:20	02/16/13 00:11	50
Naphthalene	<40		160	40	ug/Kg	☼	02/07/13 11:20	02/16/13 00:11	50
n-Butylbenzene	<10		81	10	ug/Kg	☼	02/07/13 11:20	02/16/13 00:11	50
N-Propylbenzene	<14		160	14	ug/Kg	☼	02/07/13 11:20	02/16/13 00:11	50
p-Isopropyltoluene	<15		160	15	ug/Kg	☼	02/07/13 11:20	02/16/13 00:11	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-48 10-12'

Lab Sample ID: 500-54526-13

Date Collected: 02/07/13 11:20

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 83.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<13		81	13	ug/Kg	☼	02/07/13 11:20	02/16/13 00:11	50
Styrene	<8.0		81	8.0	ug/Kg	☼	02/07/13 11:20	02/16/13 00:11	50
tert-Butylbenzene	<11		81	11	ug/Kg	☼	02/07/13 11:20	02/16/13 00:11	50
Tetrachloroethene	<14		81	14	ug/Kg	☼	02/07/13 11:20	02/16/13 00:11	50
Toluene	<9.3		20	9.3	ug/Kg	☼	02/07/13 11:20	02/16/13 00:11	50
trans-1,2-Dichloroethene	<20		81	20	ug/Kg	☼	02/07/13 11:20	02/16/13 00:11	50
trans-1,3-Dichloropropene	<17		81	17	ug/Kg	☼	02/07/13 11:20	02/16/13 00:11	50
Trichloroethene	<15		41	15	ug/Kg	☼	02/07/13 11:20	02/16/13 00:11	50
Trichlorofluoromethane	<34		160	34	ug/Kg	☼	02/07/13 11:20	02/16/13 00:11	50
Vinyl chloride	<8.5		20	8.5	ug/Kg	☼	02/07/13 11:20	02/16/13 00:11	50
Xylenes, Total	<5.6		41	5.6	ug/Kg	☼	02/07/13 11:20	02/16/13 00:11	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		75 - 125				02/07/13 11:20	02/16/13 00:11	50
4-Bromofluorobenzene (Surr)	95		75 - 120				02/07/13 11:20	02/16/13 00:11	50
Dibromofluoromethane	93		75 - 120				02/07/13 11:20	02/16/13 00:11	50
Toluene-d8 (Surr)	97		75 - 120				02/07/13 11:20	02/16/13 00:11	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	280		38	19	ug/Kg	☼	02/14/13 07:12	02/22/13 17:43	1
2-Methylnaphthalene	220		190	50	ug/Kg	☼	02/14/13 07:12	02/22/13 17:43	1
Acenaphthene	670		38	11	ug/Kg	☼	02/14/13 07:12	02/22/13 17:43	1
Acenaphthylene	32	J	38	8.8	ug/Kg	☼	02/14/13 07:12	02/22/13 17:43	1
Anthracene	680		38	9.0	ug/Kg	☼	02/14/13 07:12	02/22/13 17:43	1
Benzo[a]anthracene	340		38	8.0	ug/Kg	☼	02/14/13 07:12	02/22/13 17:43	1
Benzo[a]pyrene	170		38	7.0	ug/Kg	☼	02/14/13 07:12	02/22/13 17:43	1
Benzo[b]fluoranthene	220		38	7.5	ug/Kg	☼	02/14/13 07:12	02/22/13 17:43	1
Benzo[g,h,i]perylene	80		38	13	ug/Kg	☼	02/14/13 07:12	02/22/13 17:43	1
Benzo[k]fluoranthene	93		38	9.2	ug/Kg	☼	02/14/13 07:12	02/22/13 17:43	1
Chrysene	400		38	8.7	ug/Kg	☼	02/14/13 07:12	02/22/13 17:43	1
Dibenz(a,h)anthracene	26	J	38	11	ug/Kg	☼	02/14/13 07:12	02/22/13 17:43	1
Fluoranthene	1500		38	16	ug/Kg	☼	02/14/13 07:12	02/22/13 17:43	1
Fluorene	770		38	8.7	ug/Kg	☼	02/14/13 07:12	02/22/13 17:43	1
Indeno[1,2,3-cd]pyrene	68		38	13	ug/Kg	☼	02/14/13 07:12	02/22/13 17:43	1
Naphthalene	120		38	7.4	ug/Kg	☼	02/14/13 07:12	02/22/13 17:43	1
Phenanthrene	2600		38	16	ug/Kg	☼	02/14/13 07:12	02/22/13 17:43	1
Pyrene	1100		38	14	ug/Kg	☼	02/14/13 07:12	02/22/13 17:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	50		30 - 119				02/14/13 07:12	02/22/13 17:43	1
Nitrobenzene-d5 (Surr)	44		30 - 115				02/14/13 07:12	02/22/13 17:43	1
Terphenyl-d14 (Surr)	78		36 - 134				02/14/13 07:12	02/22/13 17:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<6.9		20	6.9	ug/Kg	☼	02/13/13 18:40	02/15/13 15:48	1
PCB-1221	<8.6		20	8.6	ug/Kg	☼	02/13/13 18:40	02/15/13 15:48	1
PCB-1232	<8.5		20	8.5	ug/Kg	☼	02/13/13 18:40	02/15/13 15:48	1
PCB-1242	<6.4		20	6.4	ug/Kg	☼	02/13/13 18:40	02/15/13 15:48	1

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-48 10-12'

Lab Sample ID: 500-54526-13

Date Collected: 02/07/13 11:20

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 83.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	<7.7		20	7.7	ug/Kg	☼	02/13/13 18:40	02/15/13 15:48	1
PCB-1254	<4.2		20	4.2	ug/Kg	☼	02/13/13 18:40	02/15/13 15:48	1
PCB-1260	<9.6		20	9.6	ug/Kg	☼	02/13/13 18:40	02/15/13 15:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro- <i>m</i> -xylene	59		50 - 116	02/13/13 18:40	02/15/13 15:48	1
DCB Decachlorobiphenyl	74		48 - 142	02/13/13 18:40	02/15/13 15:48	1



Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-50 0-2'

Lab Sample ID: 500-54526-14

Date Collected: 02/07/13 12:10

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 87.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<28		160	28	ug/Kg	☼	02/07/13 12:10	02/16/13 00:33	50
1,1,1-Trichloroethane	<16		82	16	ug/Kg	☼	02/07/13 12:10	02/16/13 00:33	50
1,1,2,2-Tetrachloroethane	<19		82	19	ug/Kg	☼	02/07/13 12:10	02/16/13 00:33	50
1,1,2-Trichloroethane	<23		82	23	ug/Kg	☼	02/07/13 12:10	02/16/13 00:33	50
1,1-Dichloroethane	<15		82	15	ug/Kg	☼	02/07/13 12:10	02/16/13 00:33	50
1,1-Dichloroethene	<25		82	25	ug/Kg	☼	02/07/13 12:10	02/16/13 00:33	50
1,1-Dichloropropene	<28		82	28	ug/Kg	☼	02/07/13 12:10	02/16/13 00:33	50
1,2,3-Trichlorobenzene	<29		160	29	ug/Kg	☼	02/07/13 12:10	02/16/13 00:33	50
1,2,3-Trichloropropane	<47		160	47	ug/Kg	☼	02/07/13 12:10	02/16/13 00:33	50
1,2,4-Trichlorobenzene	<31		160	31	ug/Kg	☼	02/07/13 12:10	02/16/13 00:33	50
1,2,4-Trimethylbenzene	<17		160	17	ug/Kg	☼	02/07/13 12:10	02/16/13 00:33	50
1,2-Dibromo-3-Chloropropane	<71		160	71	ug/Kg	☼	02/07/13 12:10	02/16/13 00:33	50
1,2-Dibromoethane	<26		160	26	ug/Kg	☼	02/07/13 12:10	02/16/13 00:33	50
1,2-Dichlorobenzene	<17		160	17	ug/Kg	☼	02/07/13 12:10	02/16/13 00:33	50
1,2-Dichloroethane	<23		82	23	ug/Kg	☼	02/07/13 12:10	02/16/13 00:33	50
1,2-Dichloropropane	<16		82	16	ug/Kg	☼	02/07/13 12:10	02/16/13 00:33	50
1,3,5-Trimethylbenzene	<17		160	17	ug/Kg	☼	02/07/13 12:10	02/16/13 00:33	50
1,3-Dichlorobenzene	<21		160	21	ug/Kg	☼	02/07/13 12:10	02/16/13 00:33	50
1,3-Dichloropropane	<11		82	11	ug/Kg	☼	02/07/13 12:10	02/16/13 00:33	50
1,4-Dichlorobenzene	<14		160	14	ug/Kg	☼	02/07/13 12:10	02/16/13 00:33	50
2,2-Dichloropropane	<26		82	26	ug/Kg	☼	02/07/13 12:10	02/16/13 00:33	50
2-Chlorotoluene	<17		82	17	ug/Kg	☼	02/07/13 12:10	02/16/13 00:33	50
4-Chlorotoluene	<16		82	16	ug/Kg	☼	02/07/13 12:10	02/16/13 00:33	50
Benzene	<6.1		21	6.1	ug/Kg	☼	02/07/13 12:10	02/16/13 00:33	50
Bromobenzene	<35		160	35	ug/Kg	☼	02/07/13 12:10	02/16/13 00:33	50
Bromochloromethane	<31		160	31	ug/Kg	☼	02/07/13 12:10	02/16/13 00:33	50
Bromodichloromethane	<28		160	28	ug/Kg	☼	02/07/13 12:10	02/16/13 00:33	50
Bromoform	<36		160	36	ug/Kg	☼	02/07/13 12:10	02/16/13 00:33	50
Bromomethane	<56		160	56	ug/Kg	☼	02/07/13 12:10	02/16/13 00:33	50
Carbon tetrachloride	<21		82	21	ug/Kg	☼	02/07/13 12:10	02/16/13 00:33	50
Chlorobenzene	<12		82	12	ug/Kg	☼	02/07/13 12:10	02/16/13 00:33	50
Chloroethane	<36		160	36	ug/Kg	☼	02/07/13 12:10	02/16/13 00:33	50
Chloroform	<17		82	17	ug/Kg	☼	02/07/13 12:10	02/16/13 00:33	50
Chloromethane	<38		160	38	ug/Kg	☼	02/07/13 12:10	02/16/13 00:33	50
cis-1,2-Dichloroethene	<10		82	10	ug/Kg	☼	02/07/13 12:10	02/16/13 00:33	50
cis-1,3-Dichloropropene	<15		82	15	ug/Kg	☼	02/07/13 12:10	02/16/13 00:33	50
Dibromochloromethane	<28		160	28	ug/Kg	☼	02/07/13 12:10	02/16/13 00:33	50
Dibromomethane	<39		160	39	ug/Kg	☼	02/07/13 12:10	02/16/13 00:33	50
Dichlorodifluoromethane	<42		160	42	ug/Kg	☼	02/07/13 12:10	02/16/13 00:33	50
Ethylbenzene	<10		21	10	ug/Kg	☼	02/07/13 12:10	02/16/13 00:33	50
Hexachlorobutadiene	<28		160	28	ug/Kg	☼	02/07/13 12:10	02/16/13 00:33	50
Isopropyl ether	<12		160	12	ug/Kg	☼	02/07/13 12:10	02/16/13 00:33	50
Isopropylbenzene	<21		160	21	ug/Kg	☼	02/07/13 12:10	02/16/13 00:33	50
Methyl tert-butyl ether	<35		160	35	ug/Kg	☼	02/07/13 12:10	02/16/13 00:33	50
Methylene Chloride	<56		410	56	ug/Kg	☼	02/07/13 12:10	02/16/13 00:33	50
Naphthalene	460		160	41	ug/Kg	☼	02/07/13 12:10	02/16/13 00:33	50
n-Butylbenzene	<11		82	11	ug/Kg	☼	02/07/13 12:10	02/16/13 00:33	50
N-Propylbenzene	<14		160	14	ug/Kg	☼	02/07/13 12:10	02/16/13 00:33	50
p-Isopropyltoluene	<15		160	15	ug/Kg	☼	02/07/13 12:10	02/16/13 00:33	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-50 0-2'

Lab Sample ID: 500-54526-14

Date Collected: 02/07/13 12:10

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 87.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<13		82	13	ug/Kg	☼	02/07/13 12:10	02/16/13 00:33	50
Styrene	<8.1		82	8.1	ug/Kg	☼	02/07/13 12:10	02/16/13 00:33	50
tert-Butylbenzene	<11		82	11	ug/Kg	☼	02/07/13 12:10	02/16/13 00:33	50
Tetrachloroethene	<14		82	14	ug/Kg	☼	02/07/13 12:10	02/16/13 00:33	50
Toluene	<9.4		21	9.4	ug/Kg	☼	02/07/13 12:10	02/16/13 00:33	50
trans-1,2-Dichloroethene	<21		82	21	ug/Kg	☼	02/07/13 12:10	02/16/13 00:33	50
trans-1,3-Dichloropropene	<17		82	17	ug/Kg	☼	02/07/13 12:10	02/16/13 00:33	50
Trichloroethene	<15		41	15	ug/Kg	☼	02/07/13 12:10	02/16/13 00:33	50
Trichlorofluoromethane	<34		160	34	ug/Kg	☼	02/07/13 12:10	02/16/13 00:33	50
Vinyl chloride	<8.5		21	8.5	ug/Kg	☼	02/07/13 12:10	02/16/13 00:33	50
Xylenes, Total	<5.6		41	5.6	ug/Kg	☼	02/07/13 12:10	02/16/13 00:33	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		75 - 125				02/07/13 12:10	02/16/13 00:33	50
4-Bromofluorobenzene (Surr)	96		75 - 120				02/07/13 12:10	02/16/13 00:33	50
Dibromofluoromethane	96		75 - 120				02/07/13 12:10	02/16/13 00:33	50
Toluene-d8 (Surr)	94		75 - 120				02/07/13 12:10	02/16/13 00:33	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	400		370	190	ug/Kg	☼	02/14/13 07:12	02/26/13 15:53	10
2-Methylnaphthalene	<480		1900	480	ug/Kg	☼	02/14/13 07:12	02/26/13 15:53	10
Acenaphthene	1300		370	110	ug/Kg	☼	02/14/13 07:12	02/26/13 15:53	10
Acenaphthylene	570		370	86	ug/Kg	☼	02/14/13 07:12	02/26/13 15:53	10
Anthracene	4000		370	88	ug/Kg	☼	02/14/13 07:12	02/26/13 15:53	10
Benzo[a]anthracene	7500		370	78	ug/Kg	☼	02/14/13 07:12	02/26/13 15:53	10
Benzo[a]pyrene	7300		370	68	ug/Kg	☼	02/14/13 07:12	02/26/13 15:53	10
Benzo[b]fluoranthene	9900		370	73	ug/Kg	☼	02/14/13 07:12	02/26/13 15:53	10
Benzo[g,h,i]perylene	3900		370	130	ug/Kg	☼	02/14/13 07:12	02/26/13 15:53	10
Benzo[k]fluoranthene	5300		370	89	ug/Kg	☼	02/14/13 07:12	02/26/13 15:53	10
Chrysene	7700		370	84	ug/Kg	☼	02/14/13 07:12	02/26/13 15:53	10
Dibenz(a,h)anthracene	1400		370	100	ug/Kg	☼	02/14/13 07:12	02/26/13 15:53	10
Fluoranthene	13000		370	150	ug/Kg	☼	02/14/13 07:12	02/26/13 15:53	10
Fluorene	1700		370	85	ug/Kg	☼	02/14/13 07:12	02/26/13 15:53	10
Indeno[1,2,3-cd]pyrene	3500		370	130	ug/Kg	☼	02/14/13 07:12	02/26/13 15:53	10
Naphthalene	380		370	72	ug/Kg	☼	02/14/13 07:12	02/26/13 15:53	10
Phenanthrene	9300		370	160	ug/Kg	☼	02/14/13 07:12	02/26/13 15:53	10
Pyrene	14000		370	130	ug/Kg	☼	02/14/13 07:12	02/26/13 15:53	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	79		30 - 119				02/14/13 07:12	02/26/13 15:53	10
Nitrobenzene-d5 (Surr)	66		30 - 115				02/14/13 07:12	02/26/13 15:53	10
Terphenyl-d14 (Surr)	100		36 - 134				02/14/13 07:12	02/26/13 15:53	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<6.7		19	6.7	ug/Kg	☼	02/13/13 18:40	02/15/13 16:02	1
PCB-1221	<8.3		19	8.3	ug/Kg	☼	02/13/13 18:40	02/15/13 16:02	1
PCB-1232	<8.2		19	8.2	ug/Kg	☼	02/13/13 18:40	02/15/13 16:02	1
PCB-1242	<6.2		19	6.2	ug/Kg	☼	02/13/13 18:40	02/15/13 16:02	1

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-50 0-2'

Lab Sample ID: 500-54526-14

Date Collected: 02/07/13 12:10

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 87.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	<7.4		19	7.4	ug/Kg	☼	02/13/13 18:40	02/15/13 16:02	1
PCB-1254	<4.1		19	4.1	ug/Kg	☼	02/13/13 18:40	02/15/13 16:02	1
PCB-1260	<9.2		19	9.2	ug/Kg	☼	02/13/13 18:40	02/15/13 16:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	66		50 - 116	02/13/13 18:40	02/15/13 16:02	1
DCB Decachlorobiphenyl	72		48 - 142	02/13/13 18:40	02/15/13 16:02	1



Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-50 6-8'

Lab Sample ID: 500-54526-15

Date Collected: 02/07/13 12:15

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 86.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<55		320	55	ug/Kg	☼	02/07/13 12:15	02/16/13 05:28	100
1,1,1-Trichloroethane	<32		160	32	ug/Kg	☼	02/07/13 12:15	02/16/13 05:28	100
1,1,1,2,2-Tetrachloroethane	<37		160	37	ug/Kg	☼	02/07/13 12:15	02/16/13 05:28	100
1,1,2-Trichloroethane	<44		160	44	ug/Kg	☼	02/07/13 12:15	02/16/13 05:28	100
1,1-Dichloroethane	<29		160	29	ug/Kg	☼	02/07/13 12:15	02/16/13 05:28	100
1,1-Dichloroethene	<49		160	49	ug/Kg	☼	02/07/13 12:15	02/16/13 05:28	100
1,1-Dichloropropene	<54		160	54	ug/Kg	☼	02/07/13 12:15	02/16/13 05:28	100
1,2,3-Trichlorobenzene	<55		320	55	ug/Kg	☼	02/07/13 12:15	02/16/13 05:28	100
1,2,3-Trichloropropane	<91		320	91	ug/Kg	☼	02/07/13 12:15	02/16/13 05:28	100
1,2,4-Trichlorobenzene	<60		320	60	ug/Kg	☼	02/07/13 12:15	02/16/13 05:28	100
1,2,4-Trimethylbenzene	3500		320	33	ug/Kg	☼	02/07/13 12:15	02/16/13 05:28	100
1,2-Dibromo-3-Chloropropane	<140		320	140	ug/Kg	☼	02/07/13 12:15	02/16/13 05:28	100
1,2-Dibromoethane	<50		320	50	ug/Kg	☼	02/07/13 12:15	02/16/13 05:28	100
1,2-Dichlorobenzene	<32		320	32	ug/Kg	☼	02/07/13 12:15	02/16/13 05:28	100
1,2-Dichloroethane	<45		160	45	ug/Kg	☼	02/07/13 12:15	02/16/13 05:28	100
1,2-Dichloropropane	<31		160	31	ug/Kg	☼	02/07/13 12:15	02/16/13 05:28	100
1,3,5-Trimethylbenzene	1900		320	33	ug/Kg	☼	02/07/13 12:15	02/16/13 05:28	100
1,3-Dichlorobenzene	<41		320	41	ug/Kg	☼	02/07/13 12:15	02/16/13 05:28	100
1,3-Dichloropropane	<21		160	21	ug/Kg	☼	02/07/13 12:15	02/16/13 05:28	100
1,4-Dichlorobenzene	<28		320	28	ug/Kg	☼	02/07/13 12:15	02/16/13 05:28	100
2,2-Dichloropropane	<50		160	50	ug/Kg	☼	02/07/13 12:15	02/16/13 05:28	100
2-Chlorotoluene	<33		160	33	ug/Kg	☼	02/07/13 12:15	02/16/13 05:28	100
4-Chlorotoluene	<31		160	31	ug/Kg	☼	02/07/13 12:15	02/16/13 05:28	100
Benzene	58		40	12	ug/Kg	☼	02/07/13 12:15	02/16/13 05:28	100
Bromobenzene	<67		320	67	ug/Kg	☼	02/07/13 12:15	02/16/13 05:28	100
Bromochloromethane	<60		320	60	ug/Kg	☼	02/07/13 12:15	02/16/13 05:28	100
Bromodichloromethane	<53		320	53	ug/Kg	☼	02/07/13 12:15	02/16/13 05:28	100
Bromoform	<70		320	70	ug/Kg	☼	02/07/13 12:15	02/16/13 05:28	100
Bromomethane	<110		320	110	ug/Kg	☼	02/07/13 12:15	02/16/13 05:28	100
Carbon tetrachloride	<41		160	41	ug/Kg	☼	02/07/13 12:15	02/16/13 05:28	100
Chlorobenzene	<23		160	23	ug/Kg	☼	02/07/13 12:15	02/16/13 05:28	100
Chloroethane	<69		320	69	ug/Kg	☼	02/07/13 12:15	02/16/13 05:28	100
Chloroform	<32		160	32	ug/Kg	☼	02/07/13 12:15	02/16/13 05:28	100
Chloromethane	<73		320	73	ug/Kg	☼	02/07/13 12:15	02/16/13 05:28	100
cis-1,2-Dichloroethene	<19		160	19	ug/Kg	☼	02/07/13 12:15	02/16/13 05:28	100
cis-1,3-Dichloropropene	<28		160	28	ug/Kg	☼	02/07/13 12:15	02/16/13 05:28	100
Dibromochloromethane	<55		320	55	ug/Kg	☼	02/07/13 12:15	02/16/13 05:28	100
Dibromomethane	<76		320	76	ug/Kg	☼	02/07/13 12:15	02/16/13 05:28	100
Dichlorodifluoromethane	<81		320	81	ug/Kg	☼	02/07/13 12:15	02/16/13 05:28	100
Ethylbenzene	2100		40	20	ug/Kg	☼	02/07/13 12:15	02/16/13 05:28	100
Hexachlorobutadiene	<55		320	55	ug/Kg	☼	02/07/13 12:15	02/16/13 05:28	100
Isopropyl ether	<23		320	23	ug/Kg	☼	02/07/13 12:15	02/16/13 05:28	100
Isopropylbenzene	440		320	40	ug/Kg	☼	02/07/13 12:15	02/16/13 05:28	100
Methyl tert-butyl ether	<68		320	68	ug/Kg	☼	02/07/13 12:15	02/16/13 05:28	100
Methylene Chloride	<110		790	110	ug/Kg	☼	02/07/13 12:15	02/16/13 05:28	100
n-Butylbenzene	<20		160	20	ug/Kg	☼	02/07/13 12:15	02/16/13 05:28	100
N-Propylbenzene	110 J		320	28	ug/Kg	☼	02/07/13 12:15	02/16/13 05:28	100
p-Isopropyltoluene	130 J		320	29	ug/Kg	☼	02/07/13 12:15	02/16/13 05:28	100
sec-Butylbenzene	<24		160	24	ug/Kg	☼	02/07/13 12:15	02/16/13 05:28	100

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-50 6-8'

Lab Sample ID: 500-54526-15

Date Collected: 02/07/13 12:15

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 86.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	<16		160	16	ug/Kg	☼	02/07/13 12:15	02/16/13 05:28	100
tert-Butylbenzene	<22		160	22	ug/Kg	☼	02/07/13 12:15	02/16/13 05:28	100
Tetrachloroethene	<26		160	26	ug/Kg	☼	02/07/13 12:15	02/16/13 05:28	100
Toluene	70		40	18	ug/Kg	☼	02/07/13 12:15	02/16/13 05:28	100
trans-1,2-Dichloroethene	<40		160	40	ug/Kg	☼	02/07/13 12:15	02/16/13 05:28	100
trans-1,3-Dichloropropene	<33		160	33	ug/Kg	☼	02/07/13 12:15	02/16/13 05:28	100
Trichloroethene	<29		79	29	ug/Kg	☼	02/07/13 12:15	02/16/13 05:28	100
Trichlorofluoromethane	<66		320	66	ug/Kg	☼	02/07/13 12:15	02/16/13 05:28	100
Vinyl chloride	<16		40	16	ug/Kg	☼	02/07/13 12:15	02/16/13 05:28	100
Xylenes, Total	3200		79	11	ug/Kg	☼	02/07/13 12:15	02/16/13 05:28	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		75 - 125	02/07/13 12:15	02/16/13 05:28	100
4-Bromofluorobenzene (Surr)	95		75 - 120	02/07/13 12:15	02/16/13 05:28	100
Dibromofluoromethane	98		75 - 120	02/07/13 12:15	02/16/13 05:28	100
Toluene-d8 (Surr)	94		75 - 120	02/07/13 12:15	02/16/13 05:28	100

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	140000		3200	780	ug/Kg	☼	02/07/13 12:15	02/16/13 05:51	1000

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		75 - 125	02/07/13 12:15	02/16/13 05:51	1000
4-Bromofluorobenzene (Surr)	94		75 - 120	02/07/13 12:15	02/16/13 05:51	1000
Dibromofluoromethane	95		75 - 120	02/07/13 12:15	02/16/13 05:51	1000
Toluene-d8 (Surr)	95		75 - 120	02/07/13 12:15	02/16/13 05:51	1000

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	12000		370	190	ug/Kg	☼	02/14/13 07:12	02/26/13 15:06	10
2-Methylnaphthalene	5100		1900	480	ug/Kg	☼	02/14/13 07:12	02/26/13 15:06	10
Acenaphthene	11000		370	110	ug/Kg	☼	02/14/13 07:12	02/26/13 15:06	10
Acenaphthylene	330	J	370	86	ug/Kg	☼	02/14/13 07:12	02/26/13 15:06	10
Anthracene	1600		370	88	ug/Kg	☼	02/14/13 07:12	02/26/13 15:06	10
Benzo[a]anthracene	1600		370	78	ug/Kg	☼	02/14/13 07:12	02/26/13 15:06	10
Benzo[a]pyrene	920		370	68	ug/Kg	☼	02/14/13 07:12	02/26/13 15:06	10
Benzo[b]fluoranthene	1200		370	72	ug/Kg	☼	02/14/13 07:12	02/26/13 15:06	10
Benzo[g,h,i]perylene	370		370	130	ug/Kg	☼	02/14/13 07:12	02/26/13 15:06	10
Benzo[k]fluoranthene	480		370	89	ug/Kg	☼	02/14/13 07:12	02/26/13 15:06	10
Chrysene	1100		370	84	ug/Kg	☼	02/14/13 07:12	02/26/13 15:06	10
Dibenz(a,h)anthracene	120	J	370	100	ug/Kg	☼	02/14/13 07:12	02/26/13 15:06	10
Fluoranthene	6200		370	150	ug/Kg	☼	02/14/13 07:12	02/26/13 15:06	10
Fluorene	6500		370	85	ug/Kg	☼	02/14/13 07:12	02/26/13 15:06	10
Indeno[1,2,3-cd]pyrene	330	J	370	130	ug/Kg	☼	02/14/13 07:12	02/26/13 15:06	10
Phenanthrene	11000		370	160	ug/Kg	☼	02/14/13 07:12	02/26/13 15:06	10
Pyrene	4400		370	130	ug/Kg	☼	02/14/13 07:12	02/26/13 15:06	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	90		30 - 119	02/14/13 07:12	02/26/13 15:06	10
Nitrobenzene-d5 (Surr)	76		30 - 115	02/14/13 07:12	02/26/13 15:06	10
Terphenyl-d14 (Surr)	95		36 - 134	02/14/13 07:12	02/26/13 15:06	10

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-50 6-8'

Lab Sample ID: 500-54526-15

Date Collected: 02/07/13 12:15

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 86.5

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	68000		1900	360	ug/Kg	☼	02/14/13 07:12	02/27/13 11:34	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<6.6		19	6.6	ug/Kg	☼	02/13/13 18:40	02/15/13 16:16	1
PCB-1221	<8.3		19	8.3	ug/Kg	☼	02/13/13 18:40	02/15/13 16:16	1
PCB-1232	<8.2		19	8.2	ug/Kg	☼	02/13/13 18:40	02/15/13 16:16	1
PCB-1242	<6.2		19	6.2	ug/Kg	☼	02/13/13 18:40	02/15/13 16:16	1
PCB-1248	<7.4		19	7.4	ug/Kg	☼	02/13/13 18:40	02/15/13 16:16	1
PCB-1254	<4.1		19	4.1	ug/Kg	☼	02/13/13 18:40	02/15/13 16:16	1
PCB-1260	<9.2		19	9.2	ug/Kg	☼	02/13/13 18:40	02/15/13 16:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	64		50 - 116	02/13/13 18:40	02/15/13 16:16	1
DCB Decachlorobiphenyl	76		48 - 142	02/13/13 18:40	02/15/13 16:16	1

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-50 15'

Lab Sample ID: 500-54526-16

Date Collected: 02/07/13 12:20

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 85.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<24		140	24	ug/Kg	*	02/07/13 12:20	02/16/13 00:56	50
1,1,1-Trichloroethane	<14		71	14	ug/Kg	*	02/07/13 12:20	02/16/13 00:56	50
1,1,2,2-Tetrachloroethane	<17		71	17	ug/Kg	*	02/07/13 12:20	02/16/13 00:56	50
1,1,2-Trichloroethane	<20		71	20	ug/Kg	*	02/07/13 12:20	02/16/13 00:56	50
1,1-Dichloroethane	<13		71	13	ug/Kg	*	02/07/13 12:20	02/16/13 00:56	50
1,1-Dichloroethene	<22		71	22	ug/Kg	*	02/07/13 12:20	02/16/13 00:56	50
1,1-Dichloropropene	<24		71	24	ug/Kg	*	02/07/13 12:20	02/16/13 00:56	50
1,2,3-Trichlorobenzene	<25		140	25	ug/Kg	*	02/07/13 12:20	02/16/13 00:56	50
1,2,3-Trichloropropane	<41		140	41	ug/Kg	*	02/07/13 12:20	02/16/13 00:56	50
1,2,4-Trichlorobenzene	<27		140	27	ug/Kg	*	02/07/13 12:20	02/16/13 00:56	50
1,2,4-Trimethylbenzene	<15		140	15	ug/Kg	*	02/07/13 12:20	02/16/13 00:56	50
1,2-Dibromo-3-Chloropropane	<62		140	62	ug/Kg	*	02/07/13 12:20	02/16/13 00:56	50
1,2-Dibromoethane	<22		140	22	ug/Kg	*	02/07/13 12:20	02/16/13 00:56	50
1,2-Dichlorobenzene	<15		140	15	ug/Kg	*	02/07/13 12:20	02/16/13 00:56	50
1,2-Dichloroethane	<20		71	20	ug/Kg	*	02/07/13 12:20	02/16/13 00:56	50
1,2-Dichloropropane	<14		71	14	ug/Kg	*	02/07/13 12:20	02/16/13 00:56	50
1,3,5-Trimethylbenzene	<15		140	15	ug/Kg	*	02/07/13 12:20	02/16/13 00:56	50
1,3-Dichlorobenzene	<18		140	18	ug/Kg	*	02/07/13 12:20	02/16/13 00:56	50
1,3-Dichloropropane	<9.5		71	9.5	ug/Kg	*	02/07/13 12:20	02/16/13 00:56	50
1,4-Dichlorobenzene	<12		140	12	ug/Kg	*	02/07/13 12:20	02/16/13 00:56	50
2,2-Dichloropropane	<22		71	22	ug/Kg	*	02/07/13 12:20	02/16/13 00:56	50
2-Chlorotoluene	<15		71	15	ug/Kg	*	02/07/13 12:20	02/16/13 00:56	50
4-Chlorotoluene	<14		71	14	ug/Kg	*	02/07/13 12:20	02/16/13 00:56	50
Benzene	<5.2		18	5.2	ug/Kg	*	02/07/13 12:20	02/16/13 00:56	50
Bromobenzene	<30		140	30	ug/Kg	*	02/07/13 12:20	02/16/13 00:56	50
Bromochloromethane	<27		140	27	ug/Kg	*	02/07/13 12:20	02/16/13 00:56	50
Bromodichloromethane	<24		140	24	ug/Kg	*	02/07/13 12:20	02/16/13 00:56	50
Bromoform	<31		140	31	ug/Kg	*	02/07/13 12:20	02/16/13 00:56	50
Bromomethane	<48		140	48	ug/Kg	*	02/07/13 12:20	02/16/13 00:56	50
Carbon tetrachloride	<18		71	18	ug/Kg	*	02/07/13 12:20	02/16/13 00:56	50
Chlorobenzene	<10		71	10	ug/Kg	*	02/07/13 12:20	02/16/13 00:56	50
Chloroethane	<31		140	31	ug/Kg	*	02/07/13 12:20	02/16/13 00:56	50
Chloroform	<15		71	15	ug/Kg	*	02/07/13 12:20	02/16/13 00:56	50
Chloromethane	<33		140	33	ug/Kg	*	02/07/13 12:20	02/16/13 00:56	50
cis-1,2-Dichloroethene	<8.7		71	8.7	ug/Kg	*	02/07/13 12:20	02/16/13 00:56	50
cis-1,3-Dichloropropene	<13		71	13	ug/Kg	*	02/07/13 12:20	02/16/13 00:56	50
Dibromochloromethane	<24		140	24	ug/Kg	*	02/07/13 12:20	02/16/13 00:56	50
Dibromomethane	<34		140	34	ug/Kg	*	02/07/13 12:20	02/16/13 00:56	50
Dichlorodifluoromethane	<36		140	36	ug/Kg	*	02/07/13 12:20	02/16/13 00:56	50
Ethylbenzene	<8.9		18	8.9	ug/Kg	*	02/07/13 12:20	02/16/13 00:56	50
Hexachlorobutadiene	<24		140	24	ug/Kg	*	02/07/13 12:20	02/16/13 00:56	50
Isopropyl ether	<10		140	10	ug/Kg	*	02/07/13 12:20	02/16/13 00:56	50
Isopropylbenzene	<18		140	18	ug/Kg	*	02/07/13 12:20	02/16/13 00:56	50
Methyl tert-butyl ether	<30		140	30	ug/Kg	*	02/07/13 12:20	02/16/13 00:56	50
Methylene Chloride	<48		350	48	ug/Kg	*	02/07/13 12:20	02/16/13 00:56	50
Naphthalene	<35		140	35	ug/Kg	*	02/07/13 12:20	02/16/13 00:56	50
n-Butylbenzene	<9.1		71	9.1	ug/Kg	*	02/07/13 12:20	02/16/13 00:56	50
N-Propylbenzene	<12		140	12	ug/Kg	*	02/07/13 12:20	02/16/13 00:56	50
p-Isopropyltoluene	<13		140	13	ug/Kg	*	02/07/13 12:20	02/16/13 00:56	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-50 15'

Lab Sample ID: 500-54526-16

Date Collected: 02/07/13 12:20

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 85.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<11		71	11	ug/Kg	☼	02/07/13 12:20	02/16/13 00:56	50
Styrene	<7.0		71	7.0	ug/Kg	☼	02/07/13 12:20	02/16/13 00:56	50
tert-Butylbenzene	<9.6		71	9.6	ug/Kg	☼	02/07/13 12:20	02/16/13 00:56	50
Tetrachloroethene	<12		71	12	ug/Kg	☼	02/07/13 12:20	02/16/13 00:56	50
Toluene	<8.1		18	8.1	ug/Kg	☼	02/07/13 12:20	02/16/13 00:56	50
trans-1,2-Dichloroethene	<18		71	18	ug/Kg	☼	02/07/13 12:20	02/16/13 00:56	50
trans-1,3-Dichloropropene	<15		71	15	ug/Kg	☼	02/07/13 12:20	02/16/13 00:56	50
Trichloroethene	<13		35	13	ug/Kg	☼	02/07/13 12:20	02/16/13 00:56	50
Trichlorofluoromethane	<29		140	29	ug/Kg	☼	02/07/13 12:20	02/16/13 00:56	50
Vinyl chloride	<7.4		18	7.4	ug/Kg	☼	02/07/13 12:20	02/16/13 00:56	50
Xylenes, Total	<4.8		35	4.8	ug/Kg	☼	02/07/13 12:20	02/16/13 00:56	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		75 - 125				02/07/13 12:20	02/16/13 00:56	50
4-Bromofluorobenzene (Surr)	95		75 - 120				02/07/13 12:20	02/16/13 00:56	50
Dibromofluoromethane	94		75 - 120				02/07/13 12:20	02/16/13 00:56	50
Toluene-d8 (Surr)	93		75 - 120				02/07/13 12:20	02/16/13 00:56	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<19		37	19	ug/Kg	☼	02/14/13 07:12	02/26/13 15:30	1
2-Methylnaphthalene	<48		190	48	ug/Kg	☼	02/14/13 07:12	02/26/13 15:30	1
Acenaphthene	<11		37	11	ug/Kg	☼	02/14/13 07:12	02/26/13 15:30	1
Acenaphthylene	<8.6		37	8.6	ug/Kg	☼	02/14/13 07:12	02/26/13 15:30	1
Anthracene	<8.8		37	8.8	ug/Kg	☼	02/14/13 07:12	02/26/13 15:30	1
Benzo[a]anthracene	<7.8		37	7.8	ug/Kg	☼	02/14/13 07:12	02/26/13 15:30	1
Benzo[a]pyrene	<6.8		37	6.8	ug/Kg	☼	02/14/13 07:12	02/26/13 15:30	1
Benzo[b]fluoranthene	<7.2		37	7.2	ug/Kg	☼	02/14/13 07:12	02/26/13 15:30	1
Benzo[g,h,i]perylene	<13		37	13	ug/Kg	☼	02/14/13 07:12	02/26/13 15:30	1
Benzo[k]fluoranthene	<8.9		37	8.9	ug/Kg	☼	02/14/13 07:12	02/26/13 15:30	1
Chrysene	15	J	37	8.4	ug/Kg	☼	02/14/13 07:12	02/26/13 15:30	1
Dibenz(a,h)anthracene	<10		37	10	ug/Kg	☼	02/14/13 07:12	02/26/13 15:30	1
Fluoranthene	<15		37	15	ug/Kg	☼	02/14/13 07:12	02/26/13 15:30	1
Fluorene	<8.5		37	8.5	ug/Kg	☼	02/14/13 07:12	02/26/13 15:30	1
Indeno[1,2,3-cd]pyrene	<13		37	13	ug/Kg	☼	02/14/13 07:12	02/26/13 15:30	1
Naphthalene	70		37	7.2	ug/Kg	☼	02/14/13 07:12	02/26/13 15:30	1
Phenanthrene	17	J	37	16	ug/Kg	☼	02/14/13 07:12	02/26/13 15:30	1
Pyrene	13	J	37	13	ug/Kg	☼	02/14/13 07:12	02/26/13 15:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	80		30 - 119				02/14/13 07:12	02/26/13 15:30	1
Nitrobenzene-d5 (Surr)	74		30 - 115				02/14/13 07:12	02/26/13 15:30	1
Terphenyl-d14 (Surr)	90		36 - 134				02/14/13 07:12	02/26/13 15:30	1

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-49 0-2'

Lab Sample ID: 500-54526-17

Date Collected: 02/07/13 12:40

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 81.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<30		170	30	ug/Kg	*	02/07/13 12:40	02/16/13 01:19	50
1,1,1-Trichloroethane	<17		87	17	ug/Kg	*	02/07/13 12:40	02/16/13 01:19	50
1,1,2,2-Tetrachloroethane	<20		87	20	ug/Kg	*	02/07/13 12:40	02/16/13 01:19	50
1,1,2-Trichloroethane	<24		87	24	ug/Kg	*	02/07/13 12:40	02/16/13 01:19	50
1,1-Dichloroethane	<16		87	16	ug/Kg	*	02/07/13 12:40	02/16/13 01:19	50
1,1-Dichloroethene	<27		87	27	ug/Kg	*	02/07/13 12:40	02/16/13 01:19	50
1,1-Dichloropropene	<30		87	30	ug/Kg	*	02/07/13 12:40	02/16/13 01:19	50
1,2,3-Trichlorobenzene	<30		170	30	ug/Kg	*	02/07/13 12:40	02/16/13 01:19	50
1,2,3-Trichloropropane	<50		170	50	ug/Kg	*	02/07/13 12:40	02/16/13 01:19	50
1,2,4-Trichlorobenzene	<33		170	33	ug/Kg	*	02/07/13 12:40	02/16/13 01:19	50
1,2,4-Trimethylbenzene	<18		170	18	ug/Kg	*	02/07/13 12:40	02/16/13 01:19	50
1,2-Dibromo-3-Chloropropane	<76		170	76	ug/Kg	*	02/07/13 12:40	02/16/13 01:19	50
1,2-Dibromoethane	<27		170	27	ug/Kg	*	02/07/13 12:40	02/16/13 01:19	50
1,2-Dichlorobenzene	<18		170	18	ug/Kg	*	02/07/13 12:40	02/16/13 01:19	50
1,2-Dichloroethane	<25		87	25	ug/Kg	*	02/07/13 12:40	02/16/13 01:19	50
1,2-Dichloropropane	<17		87	17	ug/Kg	*	02/07/13 12:40	02/16/13 01:19	50
1,3,5-Trimethylbenzene	<18		170	18	ug/Kg	*	02/07/13 12:40	02/16/13 01:19	50
1,3-Dichlorobenzene	<22		170	22	ug/Kg	*	02/07/13 12:40	02/16/13 01:19	50
1,3-Dichloropropane	<12		87	12	ug/Kg	*	02/07/13 12:40	02/16/13 01:19	50
1,4-Dichlorobenzene	<15		170	15	ug/Kg	*	02/07/13 12:40	02/16/13 01:19	50
2,2-Dichloropropane	<27		87	27	ug/Kg	*	02/07/13 12:40	02/16/13 01:19	50
2-Chlorotoluene	<18		87	18	ug/Kg	*	02/07/13 12:40	02/16/13 01:19	50
4-Chlorotoluene	<17		87	17	ug/Kg	*	02/07/13 12:40	02/16/13 01:19	50
Benzene	<6.4		22	6.4	ug/Kg	*	02/07/13 12:40	02/16/13 01:19	50
Bromobenzene	<37		170	37	ug/Kg	*	02/07/13 12:40	02/16/13 01:19	50
Bromochloromethane	<33		170	33	ug/Kg	*	02/07/13 12:40	02/16/13 01:19	50
Bromodichloromethane	<29		170	29	ug/Kg	*	02/07/13 12:40	02/16/13 01:19	50
Bromoform	<38		170	38	ug/Kg	*	02/07/13 12:40	02/16/13 01:19	50
Bromomethane	<59		170	59	ug/Kg	*	02/07/13 12:40	02/16/13 01:19	50
Carbon tetrachloride	<22		87	22	ug/Kg	*	02/07/13 12:40	02/16/13 01:19	50
Chlorobenzene	<12		87	12	ug/Kg	*	02/07/13 12:40	02/16/13 01:19	50
Chloroethane	<38		170	38	ug/Kg	*	02/07/13 12:40	02/16/13 01:19	50
Chloroform	<18		87	18	ug/Kg	*	02/07/13 12:40	02/16/13 01:19	50
Chloromethane	<40		170	40	ug/Kg	*	02/07/13 12:40	02/16/13 01:19	50
cis-1,2-Dichloroethene	<11		87	11	ug/Kg	*	02/07/13 12:40	02/16/13 01:19	50
cis-1,3-Dichloropropene	<15		87	15	ug/Kg	*	02/07/13 12:40	02/16/13 01:19	50
Dibromochloromethane	<30		170	30	ug/Kg	*	02/07/13 12:40	02/16/13 01:19	50
Dibromomethane	<42		170	42	ug/Kg	*	02/07/13 12:40	02/16/13 01:19	50
Dichlorodifluoromethane	<44		170	44	ug/Kg	*	02/07/13 12:40	02/16/13 01:19	50
Ethylbenzene	<11		22	11	ug/Kg	*	02/07/13 12:40	02/16/13 01:19	50
Hexachlorobutadiene	<30		170	30	ug/Kg	*	02/07/13 12:40	02/16/13 01:19	50
Isopropyl ether	<13		170	13	ug/Kg	*	02/07/13 12:40	02/16/13 01:19	50
Isopropylbenzene	<22		170	22	ug/Kg	*	02/07/13 12:40	02/16/13 01:19	50
Methyl tert-butyl ether	<37		170	37	ug/Kg	*	02/07/13 12:40	02/16/13 01:19	50
Methylene Chloride	<59		430	59	ug/Kg	*	02/07/13 12:40	02/16/13 01:19	50
Naphthalene	150	J	170	43	ug/Kg	*	02/07/13 12:40	02/16/13 01:19	50
n-Butylbenzene	<11		87	11	ug/Kg	*	02/07/13 12:40	02/16/13 01:19	50
N-Propylbenzene	<15		170	15	ug/Kg	*	02/07/13 12:40	02/16/13 01:19	50
p-Isopropyltoluene	<16		170	16	ug/Kg	*	02/07/13 12:40	02/16/13 01:19	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-49 0-2'

Lab Sample ID: 500-54526-17

Date Collected: 02/07/13 12:40

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 81.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<13		87	13	ug/Kg	☼	02/07/13 12:40	02/16/13 01:19	50
Styrene	<8.6		87	8.6	ug/Kg	☼	02/07/13 12:40	02/16/13 01:19	50
tert-Butylbenzene	<12		87	12	ug/Kg	☼	02/07/13 12:40	02/16/13 01:19	50
Tetrachloroethene	<14		87	14	ug/Kg	☼	02/07/13 12:40	02/16/13 01:19	50
Toluene	<10		22	10	ug/Kg	☼	02/07/13 12:40	02/16/13 01:19	50
trans-1,2-Dichloroethene	<22		87	22	ug/Kg	☼	02/07/13 12:40	02/16/13 01:19	50
trans-1,3-Dichloropropene	<18		87	18	ug/Kg	☼	02/07/13 12:40	02/16/13 01:19	50
Trichloroethene	<16		43	16	ug/Kg	☼	02/07/13 12:40	02/16/13 01:19	50
Trichlorofluoromethane	<36		170	36	ug/Kg	☼	02/07/13 12:40	02/16/13 01:19	50
Vinyl chloride	<9.0		22	9.0	ug/Kg	☼	02/07/13 12:40	02/16/13 01:19	50
Xylenes, Total	<5.9		43	5.9	ug/Kg	☼	02/07/13 12:40	02/16/13 01:19	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		75 - 125				02/07/13 12:40	02/16/13 01:19	50
4-Bromofluorobenzene (Surr)	97		75 - 120				02/07/13 12:40	02/16/13 01:19	50
Dibromofluoromethane	97		75 - 120				02/07/13 12:40	02/16/13 01:19	50
Toluene-d8 (Surr)	96		75 - 120				02/07/13 12:40	02/16/13 01:19	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	320		190	96	ug/Kg	☼	02/14/13 07:12	02/26/13 16:18	5
2-Methylnaphthalene	320	J	980	250	ug/Kg	☼	02/14/13 07:12	02/26/13 16:18	5
Acenaphthene	480		190	58	ug/Kg	☼	02/14/13 07:12	02/26/13 16:18	5
Acenaphthylene	4700		190	45	ug/Kg	☼	02/14/13 07:12	02/26/13 16:18	5
Anthracene	3100		190	46	ug/Kg	☼	02/14/13 07:12	02/26/13 16:18	5
Benzo[a]anthracene	9500		190	41	ug/Kg	☼	02/14/13 07:12	02/26/13 16:18	5
Benzo[k]fluoranthene	9600		190	46	ug/Kg	☼	02/14/13 07:12	02/26/13 16:18	5
Chrysene	13000		190	44	ug/Kg	☼	02/14/13 07:12	02/26/13 16:18	5
Dibenz(a,h)anthracene	7400		190	54	ug/Kg	☼	02/14/13 07:12	02/26/13 16:18	5
Fluoranthene	9100		190	79	ug/Kg	☼	02/14/13 07:12	02/26/13 16:18	5
Fluorene	450		190	44	ug/Kg	☼	02/14/13 07:12	02/26/13 16:18	5
Naphthalene	760		190	37	ug/Kg	☼	02/14/13 07:12	02/26/13 16:18	5
Phenanthrene	3200		190	81	ug/Kg	☼	02/14/13 07:12	02/26/13 16:18	5
Pyrene	11000		190	70	ug/Kg	☼	02/14/13 07:12	02/26/13 16:18	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	84		30 - 119				02/14/13 07:12	02/26/13 16:18	5
Nitrobenzene-d5 (Surr)	71		30 - 115				02/14/13 07:12	02/26/13 16:18	5
Terphenyl-d14 (Surr)	112		36 - 134				02/14/13 07:12	02/26/13 16:18	5

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	28000		960	180	ug/Kg	☼	02/14/13 07:12	02/27/13 11:57	25
Benzo[b]fluoranthene	38000		960	190	ug/Kg	☼	02/14/13 07:12	02/27/13 11:57	25
Benzo[g,h,i]perylene	28000		960	330	ug/Kg	☼	02/14/13 07:12	02/27/13 11:57	25
Indeno[1,2,3-cd]pyrene	23000		960	330	ug/Kg	☼	02/14/13 07:12	02/27/13 11:57	25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<7.1		20	7.1	ug/Kg	☼	02/13/13 18:40	02/15/13 16:30	1
PCB-1221	<8.9		20	8.9	ug/Kg	☼	02/13/13 18:40	02/15/13 16:30	1

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-49 0-2'

Lab Sample ID: 500-54526-17

Date Collected: 02/07/13 12:40

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 81.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1232	<8.8		20	8.8	ug/Kg	☼	02/13/13 18:40	02/15/13 16:30	1
PCB-1242	<6.6		20	6.6	ug/Kg	☼	02/13/13 18:40	02/15/13 16:30	1
PCB-1248	<8.0		20	8.0	ug/Kg	☼	02/13/13 18:40	02/15/13 16:30	1
PCB-1254	<4.4		20	4.4	ug/Kg	☼	02/13/13 18:40	02/15/13 16:30	1
PCB-1260	<9.9		20	9.9	ug/Kg	☼	02/13/13 18:40	02/15/13 16:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro- <i>m</i> -xylene	61		50 - 116	02/13/13 18:40	02/15/13 16:30	1
DCB Decachlorobiphenyl	209	X	48 - 142	02/13/13 18:40	02/15/13 16:30	1

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-49 6-8'

Lab Sample ID: 500-54526-18

Date Collected: 02/07/13 12:45

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 64.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1000		6100	1000	ug/Kg	☼	02/07/13 12:45	02/16/13 06:14	1000
1,1,1-Trichloroethane	<610		3000	610	ug/Kg	☼	02/07/13 12:45	02/16/13 06:14	1000
1,1,1,2,2-Tetrachloroethane	<710		3000	710	ug/Kg	☼	02/07/13 12:45	02/16/13 06:14	1000
1,1,2-Trichloroethane	<850		3000	850	ug/Kg	☼	02/07/13 12:45	02/16/13 06:14	1000
1,1-Dichloroethane	<560		3000	560	ug/Kg	☼	02/07/13 12:45	02/16/13 06:14	1000
1,1-Dichloroethene	<930		3000	930	ug/Kg	☼	02/07/13 12:45	02/16/13 06:14	1000
1,1-Dichloropropene	<1000		3000	1000	ug/Kg	☼	02/07/13 12:45	02/16/13 06:14	1000
1,2,3-Trichlorobenzene	<1100		6100	1100	ug/Kg	☼	02/07/13 12:45	02/16/13 06:14	1000
1,2,3-Trichloropropane	<1700		6100	1700	ug/Kg	☼	02/07/13 12:45	02/16/13 06:14	1000
1,2,4-Trichlorobenzene	<1100		6100	1100	ug/Kg	☼	02/07/13 12:45	02/16/13 06:14	1000
1,2,4-Trimethylbenzene	360000		6100	640	ug/Kg	☼	02/07/13 12:45	02/16/13 06:14	1000
1,2-Dibromo-3-Chloropropane	<2600		6100	2600	ug/Kg	☼	02/07/13 12:45	02/16/13 06:14	1000
1,2-Dibromoethane	<950		6100	950	ug/Kg	☼	02/07/13 12:45	02/16/13 06:14	1000
1,2-Dichlorobenzene	<620		6100	620	ug/Kg	☼	02/07/13 12:45	02/16/13 06:14	1000
1,2-Dichloroethane	<860		3000	860	ug/Kg	☼	02/07/13 12:45	02/16/13 06:14	1000
1,2-Dichloropropane	<590		3000	590	ug/Kg	☼	02/07/13 12:45	02/16/13 06:14	1000
1,3,5-Trimethylbenzene	200000		6100	630	ug/Kg	☼	02/07/13 12:45	02/16/13 06:14	1000
1,3-Dichlorobenzene	<780		6100	780	ug/Kg	☼	02/07/13 12:45	02/16/13 06:14	1000
1,3-Dichloropropane	<410		3000	410	ug/Kg	☼	02/07/13 12:45	02/16/13 06:14	1000
1,4-Dichlorobenzene	<530		6100	530	ug/Kg	☼	02/07/13 12:45	02/16/13 06:14	1000
2,2-Dichloropropane	<960		3000	960	ug/Kg	☼	02/07/13 12:45	02/16/13 06:14	1000
2-Chlorotoluene	<630		3000	630	ug/Kg	☼	02/07/13 12:45	02/16/13 06:14	1000
4-Chlorotoluene	<600		3000	600	ug/Kg	☼	02/07/13 12:45	02/16/13 06:14	1000
Benzene	60000		760	230	ug/Kg	☼	02/07/13 12:45	02/16/13 06:14	1000
Bromobenzene	<1300		6100	1300	ug/Kg	☼	02/07/13 12:45	02/16/13 06:14	1000
Bromochloromethane	<1100		6100	1100	ug/Kg	☼	02/07/13 12:45	02/16/13 06:14	1000
Bromodichloromethane	<1000		6100	1000	ug/Kg	☼	02/07/13 12:45	02/16/13 06:14	1000
Bromoform	<1300		6100	1300	ug/Kg	☼	02/07/13 12:45	02/16/13 06:14	1000
Bromomethane	<2100		6100	2100	ug/Kg	☼	02/07/13 12:45	02/16/13 06:14	1000
Carbon tetrachloride	<780		3000	780	ug/Kg	☼	02/07/13 12:45	02/16/13 06:14	1000
Chlorobenzene	<430		3000	430	ug/Kg	☼	02/07/13 12:45	02/16/13 06:14	1000
Chloroethane	<1300		6100	1300	ug/Kg	☼	02/07/13 12:45	02/16/13 06:14	1000
Chloroform	<620		3000	620	ug/Kg	☼	02/07/13 12:45	02/16/13 06:14	1000
Chloromethane	<1400		6100	1400	ug/Kg	☼	02/07/13 12:45	02/16/13 06:14	1000
cis-1,2-Dichloroethene	<370		3000	370	ug/Kg	☼	02/07/13 12:45	02/16/13 06:14	1000
cis-1,3-Dichloropropene	<540		3000	540	ug/Kg	☼	02/07/13 12:45	02/16/13 06:14	1000
Dibromochloromethane	<1000		6100	1000	ug/Kg	☼	02/07/13 12:45	02/16/13 06:14	1000
Dibromomethane	<1500		6100	1500	ug/Kg	☼	02/07/13 12:45	02/16/13 06:14	1000
Dichlorodifluoromethane	<1600		6100	1600	ug/Kg	☼	02/07/13 12:45	02/16/13 06:14	1000
Ethylbenzene	260000		760	380	ug/Kg	☼	02/07/13 12:45	02/16/13 06:14	1000
Hexachlorobutadiene	<1000		6100	1000	ug/Kg	☼	02/07/13 12:45	02/16/13 06:14	1000
Isopropyl ether	<450		6100	450	ug/Kg	☼	02/07/13 12:45	02/16/13 06:14	1000
Isopropylbenzene	24000		6100	760	ug/Kg	☼	02/07/13 12:45	02/16/13 06:14	1000
Methyl tert-butyl ether	<1300		6100	1300	ug/Kg	☼	02/07/13 12:45	02/16/13 06:14	1000
Methylene Chloride	<2100		15000	2100	ug/Kg	☼	02/07/13 12:45	02/16/13 06:14	1000
n-Butylbenzene	<390		3000	390	ug/Kg	☼	02/07/13 12:45	02/16/13 06:14	1000
N-Propylbenzene	11000		6100	530	ug/Kg	☼	02/07/13 12:45	02/16/13 06:14	1000
p-Isopropyltoluene	11000		6100	560	ug/Kg	☼	02/07/13 12:45	02/16/13 06:14	1000
sec-Butylbenzene	<470		3000	470	ug/Kg	☼	02/07/13 12:45	02/16/13 06:14	1000

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-49 6-8'

Lab Sample ID: 500-54526-18

Date Collected: 02/07/13 12:45

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 64.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	<300		3000	300	ug/Kg	☼	02/07/13 12:45	02/16/13 06:14	1000
tert-Butylbenzene	<410		3000	410	ug/Kg	☼	02/07/13 12:45	02/16/13 06:14	1000
Tetrachloroethene	<510		3000	510	ug/Kg	☼	02/07/13 12:45	02/16/13 06:14	1000
Toluene	310000		760	350	ug/Kg	☼	02/07/13 12:45	02/16/13 06:14	1000
trans-1,2-Dichloroethene	<760		3000	760	ug/Kg	☼	02/07/13 12:45	02/16/13 06:14	1000
trans-1,3-Dichloropropene	<630		3000	630	ug/Kg	☼	02/07/13 12:45	02/16/13 06:14	1000
Trichloroethene	<560		1500	560	ug/Kg	☼	02/07/13 12:45	02/16/13 06:14	1000
Trichlorofluoromethane	<1300		6100	1300	ug/Kg	☼	02/07/13 12:45	02/16/13 06:14	1000
Vinyl chloride	<320		760	320	ug/Kg	☼	02/07/13 12:45	02/16/13 06:14	1000
Xylenes, Total	860000		1500	210	ug/Kg	☼	02/07/13 12:45	02/16/13 06:14	1000
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		75 - 125				02/07/13 12:45	02/16/13 06:14	1000
4-Bromofluorobenzene (Surr)	98		75 - 120				02/07/13 12:45	02/16/13 06:14	1000
Dibromofluoromethane	98		75 - 120				02/07/13 12:45	02/16/13 06:14	1000
Toluene-d8 (Surr)	95		75 - 120				02/07/13 12:45	02/16/13 06:14	1000

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	1000000		610000	150000	ug/Kg	☼	02/07/13 12:45	02/19/13 16:59	100000
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		75 - 125				02/07/13 12:45	02/19/13 16:59	100000
4-Bromofluorobenzene (Surr)	97		75 - 120				02/07/13 12:45	02/19/13 16:59	100000
Dibromofluoromethane	92		75 - 120				02/07/13 12:45	02/19/13 16:59	100000
Toluene-d8 (Surr)	92		75 - 120				02/07/13 12:45	02/19/13 16:59	100000

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	1200000		51000	25000	ug/Kg	☼	02/14/13 07:12	02/26/13 17:05	1000
2-Methylnaphthalene	2100000		260000	66000	ug/Kg	☼	02/14/13 07:12	02/26/13 17:05	1000
Acenaphthene	790000		51000	15000	ug/Kg	☼	02/14/13 07:12	02/26/13 17:05	1000
Acenaphthylene	80000		51000	12000	ug/Kg	☼	02/14/13 07:12	02/26/13 17:05	1000
Anthracene	1200000		51000	12000	ug/Kg	☼	02/14/13 07:12	02/26/13 17:05	1000
Benzo[a]anthracene	280000		51000	11000	ug/Kg	☼	02/14/13 07:12	02/26/13 17:05	1000
Benzo[a]pyrene	150000		51000	9300	ug/Kg	☼	02/14/13 07:12	02/26/13 17:05	1000
Benzo[b]fluoranthene	190000		51000	10000	ug/Kg	☼	02/14/13 07:12	02/26/13 17:05	1000
Benzo[g,h,i]perylene	62000		51000	17000	ug/Kg	☼	02/14/13 07:12	02/26/13 17:05	1000
Benzo[k]fluoranthene	110000		51000	12000	ug/Kg	☼	02/14/13 07:12	02/26/13 17:05	1000
Chrysene	770000		51000	12000	ug/Kg	☼	02/14/13 07:12	02/26/13 17:05	1000
Dibenz(a,h)anthracene	22000 J		51000	14000	ug/Kg	☼	02/14/13 07:12	02/26/13 17:05	1000
Fluoranthene	1000000		51000	21000	ug/Kg	☼	02/14/13 07:12	02/26/13 17:05	1000
Fluorene	770000		51000	12000	ug/Kg	☼	02/14/13 07:12	02/26/13 17:05	1000
Indeno[1,2,3-cd]pyrene	52000		51000	17000	ug/Kg	☼	02/14/13 07:12	02/26/13 17:05	1000
Phenanthrene	1600000		51000	21000	ug/Kg	☼	02/14/13 07:12	02/26/13 17:05	1000
Pyrene	700000		51000	19000	ug/Kg	☼	02/14/13 07:12	02/26/13 17:05	1000
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	0	D	30 - 119				02/14/13 07:12	02/26/13 17:05	1000
Nitrobenzene-d5 (Surr)	0	D	30 - 115				02/14/13 07:12	02/26/13 17:05	1000
Terphenyl-d14 (Surr)	0	D	36 - 134				02/14/13 07:12	02/26/13 17:05	1000

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-49 6-8'

Lab Sample ID: 500-54526-18

Date Collected: 02/07/13 12:45

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 64.0

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	7000000		250000	49000	ug/Kg	☼	02/14/13 07:12	02/27/13 12:21	5000

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<9.2		26	9.2	ug/Kg	☼	02/13/13 18:40	02/15/13 16:44	1
PCB-1221	<11		26	11	ug/Kg	☼	02/13/13 18:40	02/15/13 16:44	1
PCB-1232	<11		26	11	ug/Kg	☼	02/13/13 18:40	02/15/13 16:44	1
PCB-1242	<8.5		26	8.5	ug/Kg	☼	02/13/13 18:40	02/15/13 16:44	1
PCB-1248	<10		26	10	ug/Kg	☼	02/13/13 18:40	02/15/13 16:44	1
PCB-1254	<5.6		26	5.6	ug/Kg	☼	02/13/13 18:40	02/15/13 16:44	1
PCB-1260	<13		26	13	ug/Kg	☼	02/13/13 18:40	02/15/13 16:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	48	X	50 - 116	02/13/13 18:40	02/15/13 16:44	1
DCB Decachlorobiphenyl	57		48 - 142	02/13/13 18:40	02/15/13 16:44	1

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-45 0-2'

Lab Sample ID: 500-54526-19

Date Collected: 02/07/13 09:15

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 87.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<34		200	34	ug/Kg	*	02/07/13 09:15	02/16/13 01:41	50
1,1,1-Trichloroethane	<20		98	20	ug/Kg	*	02/07/13 09:15	02/16/13 01:41	50
1,1,2,2-Tetrachloroethane	<23		98	23	ug/Kg	*	02/07/13 09:15	02/16/13 01:41	50
1,1,2-Trichloroethane	<27		98	27	ug/Kg	*	02/07/13 09:15	02/16/13 01:41	50
1,1-Dichloroethane	<18		98	18	ug/Kg	*	02/07/13 09:15	02/16/13 01:41	50
1,1-Dichloroethene	<30		98	30	ug/Kg	*	02/07/13 09:15	02/16/13 01:41	50
1,1-Dichloropropene	<34		98	34	ug/Kg	*	02/07/13 09:15	02/16/13 01:41	50
1,2,3-Trichlorobenzene	<34		200	34	ug/Kg	*	02/07/13 09:15	02/16/13 01:41	50
1,2,3-Trichloropropane	<56		200	56	ug/Kg	*	02/07/13 09:15	02/16/13 01:41	50
1,2,4-Trichlorobenzene	<37		200	37	ug/Kg	*	02/07/13 09:15	02/16/13 01:41	50
1,2,4-Trimethylbenzene	<21		200	21	ug/Kg	*	02/07/13 09:15	02/16/13 01:41	50
1,2-Dibromo-3-Chloropropane	<85		200	85	ug/Kg	*	02/07/13 09:15	02/16/13 01:41	50
1,2-Dibromoethane	<31		200	31	ug/Kg	*	02/07/13 09:15	02/16/13 01:41	50
1,2-Dichlorobenzene	<20		200	20	ug/Kg	*	02/07/13 09:15	02/16/13 01:41	50
1,2-Dichloroethane	<28		98	28	ug/Kg	*	02/07/13 09:15	02/16/13 01:41	50
1,2-Dichloropropane	<19		98	19	ug/Kg	*	02/07/13 09:15	02/16/13 01:41	50
1,3,5-Trimethylbenzene	<20		200	20	ug/Kg	*	02/07/13 09:15	02/16/13 01:41	50
1,3-Dichlorobenzene	<25		200	25	ug/Kg	*	02/07/13 09:15	02/16/13 01:41	50
1,3-Dichloropropane	<13		98	13	ug/Kg	*	02/07/13 09:15	02/16/13 01:41	50
1,4-Dichlorobenzene	<17		200	17	ug/Kg	*	02/07/13 09:15	02/16/13 01:41	50
2,2-Dichloropropane	<31		98	31	ug/Kg	*	02/07/13 09:15	02/16/13 01:41	50
2-Chlorotoluene	<20		98	20	ug/Kg	*	02/07/13 09:15	02/16/13 01:41	50
4-Chlorotoluene	<19		98	19	ug/Kg	*	02/07/13 09:15	02/16/13 01:41	50
Benzene	<7.3		24	7.3	ug/Kg	*	02/07/13 09:15	02/16/13 01:41	50
Bromobenzene	<42		200	42	ug/Kg	*	02/07/13 09:15	02/16/13 01:41	50
Bromochloromethane	<37		200	37	ug/Kg	*	02/07/13 09:15	02/16/13 01:41	50
Bromodichloromethane	<33		200	33	ug/Kg	*	02/07/13 09:15	02/16/13 01:41	50
Bromoform	<43		200	43	ug/Kg	*	02/07/13 09:15	02/16/13 01:41	50
Bromomethane	<67		200	67	ug/Kg	*	02/07/13 09:15	02/16/13 01:41	50
Carbon tetrachloride	<25		98	25	ug/Kg	*	02/07/13 09:15	02/16/13 01:41	50
Chlorobenzene	<14		98	14	ug/Kg	*	02/07/13 09:15	02/16/13 01:41	50
Chloroethane	<43		200	43	ug/Kg	*	02/07/13 09:15	02/16/13 01:41	50
Chloroform	<20		98	20	ug/Kg	*	02/07/13 09:15	02/16/13 01:41	50
Chloromethane	<45		200	45	ug/Kg	*	02/07/13 09:15	02/16/13 01:41	50
cis-1,2-Dichloroethene	<12		98	12	ug/Kg	*	02/07/13 09:15	02/16/13 01:41	50
cis-1,3-Dichloropropene	<17		98	17	ug/Kg	*	02/07/13 09:15	02/16/13 01:41	50
Dibromochloromethane	<34		200	34	ug/Kg	*	02/07/13 09:15	02/16/13 01:41	50
Dibromomethane	<47		200	47	ug/Kg	*	02/07/13 09:15	02/16/13 01:41	50
Dichlorodifluoromethane	<50		200	50	ug/Kg	*	02/07/13 09:15	02/16/13 01:41	50
Ethylbenzene	<12		24	12	ug/Kg	*	02/07/13 09:15	02/16/13 01:41	50
Hexachlorobutadiene	<34		200	34	ug/Kg	*	02/07/13 09:15	02/16/13 01:41	50
Isopropyl ether	<14		200	14	ug/Kg	*	02/07/13 09:15	02/16/13 01:41	50
Isopropylbenzene	<25		200	25	ug/Kg	*	02/07/13 09:15	02/16/13 01:41	50
Methyl tert-butyl ether	<42		200	42	ug/Kg	*	02/07/13 09:15	02/16/13 01:41	50
Methylene Chloride	<67		490	67	ug/Kg	*	02/07/13 09:15	02/16/13 01:41	50
Naphthalene	<48		200	48	ug/Kg	*	02/07/13 09:15	02/16/13 01:41	50
n-Butylbenzene	<13		98	13	ug/Kg	*	02/07/13 09:15	02/16/13 01:41	50
N-Propylbenzene	<17		200	17	ug/Kg	*	02/07/13 09:15	02/16/13 01:41	50
p-Isopropyltoluene	<18		200	18	ug/Kg	*	02/07/13 09:15	02/16/13 01:41	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-45 0-2'

Lab Sample ID: 500-54526-19

Date Collected: 02/07/13 09:15

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 87.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<15		98	15	ug/Kg	☼	02/07/13 09:15	02/16/13 01:41	50
Styrene	<9.7		98	9.7	ug/Kg	☼	02/07/13 09:15	02/16/13 01:41	50
tert-Butylbenzene	<13		98	13	ug/Kg	☼	02/07/13 09:15	02/16/13 01:41	50
Tetrachloroethene	<16		98	16	ug/Kg	☼	02/07/13 09:15	02/16/13 01:41	50
Toluene	<11		24	11	ug/Kg	☼	02/07/13 09:15	02/16/13 01:41	50
trans-1,2-Dichloroethene	<24		98	24	ug/Kg	☼	02/07/13 09:15	02/16/13 01:41	50
trans-1,3-Dichloropropene	<20		98	20	ug/Kg	☼	02/07/13 09:15	02/16/13 01:41	50
Trichloroethene	<18		49	18	ug/Kg	☼	02/07/13 09:15	02/16/13 01:41	50
Trichlorofluoromethane	<41		200	41	ug/Kg	☼	02/07/13 09:15	02/16/13 01:41	50
Vinyl chloride	<10		24	10	ug/Kg	☼	02/07/13 09:15	02/16/13 01:41	50
Xylenes, Total	<6.7		49	6.7	ug/Kg	☼	02/07/13 09:15	02/16/13 01:41	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		75 - 125				02/07/13 09:15	02/16/13 01:41	50
4-Bromofluorobenzene (Surr)	97		75 - 120				02/07/13 09:15	02/16/13 01:41	50
Dibromofluoromethane	99		75 - 120				02/07/13 09:15	02/16/13 01:41	50
Toluene-d8 (Surr)	96		75 - 120				02/07/13 09:15	02/16/13 01:41	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	150	J	180	91	ug/Kg	☼	02/14/13 07:12	02/26/13 17:28	5
2-Methylnaphthalene	<240		920	240	ug/Kg	☼	02/14/13 07:12	02/26/13 17:28	5
Acenaphthene	490		180	55	ug/Kg	☼	02/14/13 07:12	02/26/13 17:28	5
Acenaphthylene	320		180	42	ug/Kg	☼	02/14/13 07:12	02/26/13 17:28	5
Anthracene	2100		180	43	ug/Kg	☼	02/14/13 07:12	02/26/13 17:28	5
Benzo[a]anthracene	4800		180	38	ug/Kg	☼	02/14/13 07:12	02/26/13 17:28	5
Benzo[a]pyrene	4600		180	33	ug/Kg	☼	02/14/13 07:12	02/26/13 17:28	5
Benzo[b]fluoranthene	6400		180	35	ug/Kg	☼	02/14/13 07:12	02/26/13 17:28	5
Benzo[g,h,i]perylene	3600		180	62	ug/Kg	☼	02/14/13 07:12	02/26/13 17:28	5
Benzo[k]fluoranthene	2700		180	44	ug/Kg	☼	02/14/13 07:12	02/26/13 17:28	5
Chrysene	4700		180	41	ug/Kg	☼	02/14/13 07:12	02/26/13 17:28	5
Dibenz(a,h)anthracene	1100		180	51	ug/Kg	☼	02/14/13 07:12	02/26/13 17:28	5
Fluoranthene	8600		180	75	ug/Kg	☼	02/14/13 07:12	02/26/13 17:28	5
Fluorene	770		180	41	ug/Kg	☼	02/14/13 07:12	02/26/13 17:28	5
Indeno[1,2,3-cd]pyrene	3000		180	62	ug/Kg	☼	02/14/13 07:12	02/26/13 17:28	5
Naphthalene	170	J	180	35	ug/Kg	☼	02/14/13 07:12	02/26/13 17:28	5
Phenanthrene	6200		180	76	ug/Kg	☼	02/14/13 07:12	02/26/13 17:28	5
Pyrene	7800		180	66	ug/Kg	☼	02/14/13 07:12	02/26/13 17:28	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	83		30 - 119				02/14/13 07:12	02/26/13 17:28	5
Nitrobenzene-d5 (Surr)	68		30 - 115				02/14/13 07:12	02/26/13 17:28	5
Terphenyl-d14 (Surr)	97		36 - 134				02/14/13 07:12	02/26/13 17:28	5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<6.6		19	6.6	ug/Kg	☼	02/13/13 18:40	02/15/13 16:58	1
PCB-1221	<8.2		19	8.2	ug/Kg	☼	02/13/13 18:40	02/15/13 16:58	1
PCB-1232	<8.2		19	8.2	ug/Kg	☼	02/13/13 18:40	02/15/13 16:58	1
PCB-1242	<6.1		19	6.1	ug/Kg	☼	02/13/13 18:40	02/15/13 16:58	1

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-45 0-2'

Lab Sample ID: 500-54526-19

Date Collected: 02/07/13 09:15

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 87.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	<7.4		19	7.4	ug/Kg	☼	02/13/13 18:40	02/15/13 16:58	1
PCB-1254	97		19	4.0	ug/Kg	☼	02/13/13 18:40	02/15/13 16:58	1
PCB-1260	<9.2		19	9.2	ug/Kg	☼	02/13/13 18:40	02/15/13 16:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	71		50 - 116				02/13/13 18:40	02/15/13 16:58	1
DCB Decachlorobiphenyl	71		48 - 142				02/13/13 18:40	02/15/13 16:58	1

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-45 8-10'

Lab Sample ID: 500-54526-20

Date Collected: 02/07/13 09:30

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 85.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<23		140	23	ug/Kg	☼	02/07/13 09:30	02/16/13 02:04	50
1,1,1-Trichloroethane	<14		68	14	ug/Kg	☼	02/07/13 09:30	02/16/13 02:04	50
1,1,2,2-Tetrachloroethane	<16		68	16	ug/Kg	☼	02/07/13 09:30	02/16/13 02:04	50
1,1,2-Trichloroethane	<19		68	19	ug/Kg	☼	02/07/13 09:30	02/16/13 02:04	50
1,1-Dichloroethane	<13		68	13	ug/Kg	☼	02/07/13 09:30	02/16/13 02:04	50
1,1-Dichloroethene	<21		68	21	ug/Kg	☼	02/07/13 09:30	02/16/13 02:04	50
1,1-Dichloropropene	<23		68	23	ug/Kg	☼	02/07/13 09:30	02/16/13 02:04	50
1,2,3-Trichlorobenzene	<24		140	24	ug/Kg	☼	02/07/13 09:30	02/16/13 02:04	50
1,2,3-Trichloropropane	<39		140	39	ug/Kg	☼	02/07/13 09:30	02/16/13 02:04	50
1,2,4-Trichlorobenzene	<26		140	26	ug/Kg	☼	02/07/13 09:30	02/16/13 02:04	50
1,2,4-Trimethylbenzene	<14		140	14	ug/Kg	☼	02/07/13 09:30	02/16/13 02:04	50
1,2-Dibromo-3-Chloropropane	<59		140	59	ug/Kg	☼	02/07/13 09:30	02/16/13 02:04	50
1,2-Dibromoethane	<21		140	21	ug/Kg	☼	02/07/13 09:30	02/16/13 02:04	50
1,2-Dichlorobenzene	<14		140	14	ug/Kg	☼	02/07/13 09:30	02/16/13 02:04	50
1,2-Dichloroethane	<19		68	19	ug/Kg	☼	02/07/13 09:30	02/16/13 02:04	50
1,2-Dichloropropane	<13		68	13	ug/Kg	☼	02/07/13 09:30	02/16/13 02:04	50
1,3,5-Trimethylbenzene	<14		140	14	ug/Kg	☼	02/07/13 09:30	02/16/13 02:04	50
1,3-Dichlorobenzene	<17		140	17	ug/Kg	☼	02/07/13 09:30	02/16/13 02:04	50
1,3-Dichloropropane	<9.1		68	9.1	ug/Kg	☼	02/07/13 09:30	02/16/13 02:04	50
1,4-Dichlorobenzene	<12		140	12	ug/Kg	☼	02/07/13 09:30	02/16/13 02:04	50
2,2-Dichloropropane	<21		68	21	ug/Kg	☼	02/07/13 09:30	02/16/13 02:04	50
2-Chlorotoluene	<14		68	14	ug/Kg	☼	02/07/13 09:30	02/16/13 02:04	50
4-Chlorotoluene	<13		68	13	ug/Kg	☼	02/07/13 09:30	02/16/13 02:04	50
Benzene	<5.0		17	5.0	ug/Kg	☼	02/07/13 09:30	02/16/13 02:04	50
Bromobenzene	<29		140	29	ug/Kg	☼	02/07/13 09:30	02/16/13 02:04	50
Bromochloromethane	<26		140	26	ug/Kg	☼	02/07/13 09:30	02/16/13 02:04	50
Bromodichloromethane	<23		140	23	ug/Kg	☼	02/07/13 09:30	02/16/13 02:04	50
Bromoform	<30		140	30	ug/Kg	☼	02/07/13 09:30	02/16/13 02:04	50
Bromomethane	<46		140	46	ug/Kg	☼	02/07/13 09:30	02/16/13 02:04	50
Carbon tetrachloride	<17		68	17	ug/Kg	☼	02/07/13 09:30	02/16/13 02:04	50
Chlorobenzene	<9.7		68	9.7	ug/Kg	☼	02/07/13 09:30	02/16/13 02:04	50
Chloroethane	<29		140	29	ug/Kg	☼	02/07/13 09:30	02/16/13 02:04	50
Chloroform	<14		68	14	ug/Kg	☼	02/07/13 09:30	02/16/13 02:04	50
Chloromethane	<31		140	31	ug/Kg	☼	02/07/13 09:30	02/16/13 02:04	50
cis-1,2-Dichloroethene	<8.3		68	8.3	ug/Kg	☼	02/07/13 09:30	02/16/13 02:04	50
cis-1,3-Dichloropropene	<12		68	12	ug/Kg	☼	02/07/13 09:30	02/16/13 02:04	50
Dibromochloromethane	<23		140	23	ug/Kg	☼	02/07/13 09:30	02/16/13 02:04	50
Dibromomethane	<32		140	32	ug/Kg	☼	02/07/13 09:30	02/16/13 02:04	50
Dichlorodifluoromethane	<35		140	35	ug/Kg	☼	02/07/13 09:30	02/16/13 02:04	50
Ethylbenzene	<8.5		17	8.5	ug/Kg	☼	02/07/13 09:30	02/16/13 02:04	50
Hexachlorobutadiene	<23		140	23	ug/Kg	☼	02/07/13 09:30	02/16/13 02:04	50
Isopropyl ether	<9.9		140	9.9	ug/Kg	☼	02/07/13 09:30	02/16/13 02:04	50
Isopropylbenzene	<17		140	17	ug/Kg	☼	02/07/13 09:30	02/16/13 02:04	50
Methyl tert-butyl ether	<29		140	29	ug/Kg	☼	02/07/13 09:30	02/16/13 02:04	50
Methylene Chloride	<46		340	46	ug/Kg	☼	02/07/13 09:30	02/16/13 02:04	50
Naphthalene	<33		140	33	ug/Kg	☼	02/07/13 09:30	02/16/13 02:04	50
n-Butylbenzene	<8.7		68	8.7	ug/Kg	☼	02/07/13 09:30	02/16/13 02:04	50
N-Propylbenzene	<12		140	12	ug/Kg	☼	02/07/13 09:30	02/16/13 02:04	50
p-Isopropyltoluene	<13		140	13	ug/Kg	☼	02/07/13 09:30	02/16/13 02:04	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-45 8-10'

Lab Sample ID: 500-54526-20

Date Collected: 02/07/13 09:30

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 85.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<10		68	10	ug/Kg	☼	02/07/13 09:30	02/16/13 02:04	50
Styrene	<6.7		68	6.7	ug/Kg	☼	02/07/13 09:30	02/16/13 02:04	50
tert-Butylbenzene	<9.2		68	9.2	ug/Kg	☼	02/07/13 09:30	02/16/13 02:04	50
Tetrachloroethene	<11		68	11	ug/Kg	☼	02/07/13 09:30	02/16/13 02:04	50
Toluene	<7.8		17	7.8	ug/Kg	☼	02/07/13 09:30	02/16/13 02:04	50
trans-1,2-Dichloroethene	<17		68	17	ug/Kg	☼	02/07/13 09:30	02/16/13 02:04	50
trans-1,3-Dichloropropene	<14		68	14	ug/Kg	☼	02/07/13 09:30	02/16/13 02:04	50
Trichloroethene	<13		34	13	ug/Kg	☼	02/07/13 09:30	02/16/13 02:04	50
Trichlorofluoromethane	<28		140	28	ug/Kg	☼	02/07/13 09:30	02/16/13 02:04	50
Vinyl chloride	<7.0		17	7.0	ug/Kg	☼	02/07/13 09:30	02/16/13 02:04	50
Xylenes, Total	<4.6		34	4.6	ug/Kg	☼	02/07/13 09:30	02/16/13 02:04	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		75 - 125				02/07/13 09:30	02/16/13 02:04	50
4-Bromofluorobenzene (Surr)	93		75 - 120				02/07/13 09:30	02/16/13 02:04	50
Dibromofluoromethane	99		75 - 120				02/07/13 09:30	02/16/13 02:04	50
Toluene-d8 (Surr)	93		75 - 120				02/07/13 09:30	02/16/13 02:04	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<19		38	19	ug/Kg	☼	02/14/13 07:12	02/22/13 19:11	1
2-Methylnaphthalene	<49		190	49	ug/Kg	☼	02/14/13 07:12	02/22/13 19:11	1
Acenaphthene	<11		38	11	ug/Kg	☼	02/14/13 07:12	02/22/13 19:11	1
Acenaphthylene	<8.7		38	8.7	ug/Kg	☼	02/14/13 07:12	02/22/13 19:11	1
Anthracene	<8.9		38	8.9	ug/Kg	☼	02/14/13 07:12	02/22/13 19:11	1
Benzo[a]anthracene	<8.0		38	8.0	ug/Kg	☼	02/14/13 07:12	02/22/13 19:11	1
Benzo[a]pyrene	9.1 J		38	6.9	ug/Kg	☼	02/14/13 07:12	02/22/13 19:11	1
Benzo[b]fluoranthene	8.7 J		38	7.4	ug/Kg	☼	02/14/13 07:12	02/22/13 19:11	1
Benzo[g,h,i]perylene	<13		38	13	ug/Kg	☼	02/14/13 07:12	02/22/13 19:11	1
Benzo[k]fluoranthene	<9.1		38	9.1	ug/Kg	☼	02/14/13 07:12	02/22/13 19:11	1
Chrysene	<8.6		38	8.6	ug/Kg	☼	02/14/13 07:12	02/22/13 19:11	1
Dibenz(a,h)anthracene	<11		38	11	ug/Kg	☼	02/14/13 07:12	02/22/13 19:11	1
Fluoranthene	<16		38	16	ug/Kg	☼	02/14/13 07:12	02/22/13 19:11	1
Fluorene	<8.6		38	8.6	ug/Kg	☼	02/14/13 07:12	02/22/13 19:11	1
Indeno[1,2,3-cd]pyrene	<13		38	13	ug/Kg	☼	02/14/13 07:12	02/22/13 19:11	1
Naphthalene	25 J		38	7.3	ug/Kg	☼	02/14/13 07:12	02/22/13 19:11	1
Phenanthrene	<16		38	16	ug/Kg	☼	02/14/13 07:12	02/22/13 19:11	1
Pyrene	<14		38	14	ug/Kg	☼	02/14/13 07:12	02/22/13 19:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	80		30 - 119				02/14/13 07:12	02/22/13 19:11	1
Nitrobenzene-d5 (Surr)	83		30 - 115				02/14/13 07:12	02/22/13 19:11	1
Terphenyl-d14 (Surr)	110		36 - 134				02/14/13 07:12	02/22/13 19:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<6.7		19	6.7	ug/Kg	☼	02/13/13 18:40	02/15/13 17:12	1
PCB-1221	<8.4		19	8.4	ug/Kg	☼	02/13/13 18:40	02/15/13 17:12	1
PCB-1232	<8.3		19	8.3	ug/Kg	☼	02/13/13 18:40	02/15/13 17:12	1
PCB-1242	<6.3		19	6.3	ug/Kg	☼	02/13/13 18:40	02/15/13 17:12	1

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-45 8-10'

Lab Sample ID: 500-54526-20

Date Collected: 02/07/13 09:30

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 85.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	<7.5		19	7.5	ug/Kg	☼	02/13/13 18:40	02/15/13 17:12	1
PCB-1254	<4.1		19	4.1	ug/Kg	☼	02/13/13 18:40	02/15/13 17:12	1
PCB-1260	<9.3		19	9.3	ug/Kg	☼	02/13/13 18:40	02/15/13 17:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro- <i>m</i> -xylene	61		50 - 116	02/13/13 18:40	02/15/13 17:12	1
DCB Decachlorobiphenyl	77		48 - 142	02/13/13 18:40	02/15/13 17:12	1

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-46 0-2'

Lab Sample ID: 500-54526-21

Date Collected: 02/07/13 10:10

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 79.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<31		180	31	ug/Kg	*	02/07/13 10:10	02/16/13 02:26	50
1,1,1-Trichloroethane	<18		89	18	ug/Kg	*	02/07/13 10:10	02/16/13 02:26	50
1,1,2,2-Tetrachloroethane	<21		89	21	ug/Kg	*	02/07/13 10:10	02/16/13 02:26	50
1,1,2-Trichloroethane	<25		89	25	ug/Kg	*	02/07/13 10:10	02/16/13 02:26	50
1,1-Dichloroethane	<17		89	17	ug/Kg	*	02/07/13 10:10	02/16/13 02:26	50
1,1-Dichloroethene	<27		89	27	ug/Kg	*	02/07/13 10:10	02/16/13 02:26	50
1,1-Dichloropropene	<31		89	31	ug/Kg	*	02/07/13 10:10	02/16/13 02:26	50
1,2,3-Trichlorobenzene	<31		180	31	ug/Kg	*	02/07/13 10:10	02/16/13 02:26	50
1,2,3-Trichloropropane	<51		180	51	ug/Kg	*	02/07/13 10:10	02/16/13 02:26	50
1,2,4-Trichlorobenzene	<34		180	34	ug/Kg	*	02/07/13 10:10	02/16/13 02:26	50
1,2,4-Trimethylbenzene	<19		180	19	ug/Kg	*	02/07/13 10:10	02/16/13 02:26	50
1,2-Dibromo-3-Chloropropane	<78		180	78	ug/Kg	*	02/07/13 10:10	02/16/13 02:26	50
1,2-Dibromoethane	<28		180	28	ug/Kg	*	02/07/13 10:10	02/16/13 02:26	50
1,2-Dichlorobenzene	<18		180	18	ug/Kg	*	02/07/13 10:10	02/16/13 02:26	50
1,2-Dichloroethane	<25		89	25	ug/Kg	*	02/07/13 10:10	02/16/13 02:26	50
1,2-Dichloropropane	<18		89	18	ug/Kg	*	02/07/13 10:10	02/16/13 02:26	50
1,3,5-Trimethylbenzene	<18		180	18	ug/Kg	*	02/07/13 10:10	02/16/13 02:26	50
1,3-Dichlorobenzene	<23		180	23	ug/Kg	*	02/07/13 10:10	02/16/13 02:26	50
1,3-Dichloropropane	<12		89	12	ug/Kg	*	02/07/13 10:10	02/16/13 02:26	50
1,4-Dichlorobenzene	<16		180	16	ug/Kg	*	02/07/13 10:10	02/16/13 02:26	50
2,2-Dichloropropane	<28		89	28	ug/Kg	*	02/07/13 10:10	02/16/13 02:26	50
2-Chlorotoluene	<18		89	18	ug/Kg	*	02/07/13 10:10	02/16/13 02:26	50
4-Chlorotoluene	<18		89	18	ug/Kg	*	02/07/13 10:10	02/16/13 02:26	50
Benzene	<6.6		22	6.6	ug/Kg	*	02/07/13 10:10	02/16/13 02:26	50
Bromobenzene	<38		180	38	ug/Kg	*	02/07/13 10:10	02/16/13 02:26	50
Bromochloromethane	<34		180	34	ug/Kg	*	02/07/13 10:10	02/16/13 02:26	50
Bromodichloromethane	<30		180	30	ug/Kg	*	02/07/13 10:10	02/16/13 02:26	50
Bromoform	<39		180	39	ug/Kg	*	02/07/13 10:10	02/16/13 02:26	50
Bromomethane	<61		180	61	ug/Kg	*	02/07/13 10:10	02/16/13 02:26	50
Carbon tetrachloride	<23		89	23	ug/Kg	*	02/07/13 10:10	02/16/13 02:26	50
Chlorobenzene	<13		89	13	ug/Kg	*	02/07/13 10:10	02/16/13 02:26	50
Chloroethane	<39		180	39	ug/Kg	*	02/07/13 10:10	02/16/13 02:26	50
Chloroform	<18		89	18	ug/Kg	*	02/07/13 10:10	02/16/13 02:26	50
Chloromethane	<41		180	41	ug/Kg	*	02/07/13 10:10	02/16/13 02:26	50
cis-1,2-Dichloroethene	<11		89	11	ug/Kg	*	02/07/13 10:10	02/16/13 02:26	50
cis-1,3-Dichloropropene	<16		89	16	ug/Kg	*	02/07/13 10:10	02/16/13 02:26	50
Dibromochloromethane	<31		180	31	ug/Kg	*	02/07/13 10:10	02/16/13 02:26	50
Dibromomethane	<43		180	43	ug/Kg	*	02/07/13 10:10	02/16/13 02:26	50
Dichlorodifluoromethane	<46		180	46	ug/Kg	*	02/07/13 10:10	02/16/13 02:26	50
Ethylbenzene	<11		22	11	ug/Kg	*	02/07/13 10:10	02/16/13 02:26	50
Hexachlorobutadiene	<31		180	31	ug/Kg	*	02/07/13 10:10	02/16/13 02:26	50
Isopropyl ether	<13		180	13	ug/Kg	*	02/07/13 10:10	02/16/13 02:26	50
Isopropylbenzene	<22		180	22	ug/Kg	*	02/07/13 10:10	02/16/13 02:26	50
Methyl tert-butyl ether	<38		180	38	ug/Kg	*	02/07/13 10:10	02/16/13 02:26	50
Methylene Chloride	<61		450	61	ug/Kg	*	02/07/13 10:10	02/16/13 02:26	50
Naphthalene	<44		180	44	ug/Kg	*	02/07/13 10:10	02/16/13 02:26	50
n-Butylbenzene	<12		89	12	ug/Kg	*	02/07/13 10:10	02/16/13 02:26	50
N-Propylbenzene	<16		180	16	ug/Kg	*	02/07/13 10:10	02/16/13 02:26	50
p-Isopropyltoluene	<17		180	17	ug/Kg	*	02/07/13 10:10	02/16/13 02:26	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-46 0-2'

Lab Sample ID: 500-54526-21

Date Collected: 02/07/13 10:10

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 79.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<14		89	14	ug/Kg	☼	02/07/13 10:10	02/16/13 02:26	50
Styrene	<8.8		89	8.8	ug/Kg	☼	02/07/13 10:10	02/16/13 02:26	50
tert-Butylbenzene	<12		89	12	ug/Kg	☼	02/07/13 10:10	02/16/13 02:26	50
Tetrachloroethene	<15		89	15	ug/Kg	☼	02/07/13 10:10	02/16/13 02:26	50
Toluene	<10		22	10	ug/Kg	☼	02/07/13 10:10	02/16/13 02:26	50
trans-1,2-Dichloroethene	<22		89	22	ug/Kg	☼	02/07/13 10:10	02/16/13 02:26	50
trans-1,3-Dichloropropene	<19		89	19	ug/Kg	☼	02/07/13 10:10	02/16/13 02:26	50
Trichloroethene	<17		45	17	ug/Kg	☼	02/07/13 10:10	02/16/13 02:26	50
Trichlorofluoromethane	<37		180	37	ug/Kg	☼	02/07/13 10:10	02/16/13 02:26	50
Vinyl chloride	<9.3		22	9.3	ug/Kg	☼	02/07/13 10:10	02/16/13 02:26	50
Xylenes, Total	<6.1		45	6.1	ug/Kg	☼	02/07/13 10:10	02/16/13 02:26	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		75 - 125				02/07/13 10:10	02/16/13 02:26	50
4-Bromofluorobenzene (Surr)	96		75 - 120				02/07/13 10:10	02/16/13 02:26	50
Dibromofluoromethane	98		75 - 120				02/07/13 10:10	02/16/13 02:26	50
Toluene-d8 (Surr)	94		75 - 120				02/07/13 10:10	02/16/13 02:26	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<20		41	20	ug/Kg	☼	02/13/13 18:18	02/26/13 17:51	1
2-Methylnaphthalene	<53		210	53	ug/Kg	☼	02/13/13 18:18	02/26/13 17:51	1
Acenaphthene	<12		41	12	ug/Kg	☼	02/13/13 18:18	02/26/13 17:51	1
Acenaphthylene	<9.4		41	9.4	ug/Kg	☼	02/13/13 18:18	02/26/13 17:51	1
Anthracene	<9.6		41	9.6	ug/Kg	☼	02/13/13 18:18	02/26/13 17:51	1
Benzo[a]anthracene	22	J	41	8.6	ug/Kg	☼	02/13/13 18:18	02/26/13 17:51	1
Benzo[a]pyrene	30	J	41	7.5	ug/Kg	☼	02/13/13 18:18	02/26/13 17:51	1
Benzo[b]fluoranthene	33	J	41	8.0	ug/Kg	☼	02/13/13 18:18	02/26/13 17:51	1
Benzo[g,h,i]perylene	27	J	41	14	ug/Kg	☼	02/13/13 18:18	02/26/13 17:51	1
Benzo[k]fluoranthene	<9.8		41	9.8	ug/Kg	☼	02/13/13 18:18	02/26/13 17:51	1
Chrysene	25	J	41	9.2	ug/Kg	☼	02/13/13 18:18	02/26/13 17:51	1
Dibenz(a,h)anthracene	<11		41	11	ug/Kg	☼	02/13/13 18:18	02/26/13 17:51	1
Fluoranthene	27	J	41	17	ug/Kg	☼	02/13/13 18:18	02/26/13 17:51	1
Fluorene	<9.3		41	9.3	ug/Kg	☼	02/13/13 18:18	02/26/13 17:51	1
Indeno[1,2,3-cd]pyrene	23	J	41	14	ug/Kg	☼	02/13/13 18:18	02/26/13 17:51	1
Naphthalene	<7.9		41	7.9	ug/Kg	☼	02/13/13 18:18	02/26/13 17:51	1
Phenanthrene	<17		41	17	ug/Kg	☼	02/13/13 18:18	02/26/13 17:51	1
Pyrene	26	J	41	15	ug/Kg	☼	02/13/13 18:18	02/26/13 17:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	71		30 - 119				02/13/13 18:18	02/26/13 17:51	1
Nitrobenzene-d5 (Surr)	65		30 - 115				02/13/13 18:18	02/26/13 17:51	1
Terphenyl-d14 (Surr)	79		36 - 134				02/13/13 18:18	02/26/13 17:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<7.4		21	7.4	ug/Kg	☼	02/13/13 18:40	02/15/13 17:26	1
PCB-1221	<9.2		21	9.2	ug/Kg	☼	02/13/13 18:40	02/15/13 17:26	1
PCB-1232	<9.1		21	9.1	ug/Kg	☼	02/13/13 18:40	02/15/13 17:26	1
PCB-1242	<6.9		21	6.9	ug/Kg	☼	02/13/13 18:40	02/15/13 17:26	1

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-46 0-2'

Lab Sample ID: 500-54526-21

Date Collected: 02/07/13 10:10

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 79.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	<8.3		21	8.3	ug/Kg	☼	02/13/13 18:40	02/15/13 17:26	1
PCB-1254	<4.5		21	4.5	ug/Kg	☼	02/13/13 18:40	02/15/13 17:26	1
PCB-1260	<10		21	10	ug/Kg	☼	02/13/13 18:40	02/15/13 17:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro- <i>m</i> -xylene	67		50 - 116	02/13/13 18:40	02/15/13 17:26	1
DCB Decachlorobiphenyl	81		48 - 142	02/13/13 18:40	02/15/13 17:26	1



Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-46 10-12'

Lab Sample ID: 500-54526-22

Date Collected: 02/07/13 10:25

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 82.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<32		190	32	ug/Kg	*	02/07/13 10:25	02/16/13 02:49	50
1,1,1-Trichloroethane	<19		93	19	ug/Kg	*	02/07/13 10:25	02/16/13 02:49	50
1,1,1,2,2-Tetrachloroethane	<22		93	22	ug/Kg	*	02/07/13 10:25	02/16/13 02:49	50
1,1,2-Trichloroethane	<26		93	26	ug/Kg	*	02/07/13 10:25	02/16/13 02:49	50
1,1-Dichloroethane	<17		93	17	ug/Kg	*	02/07/13 10:25	02/16/13 02:49	50
1,1-Dichloroethene	<28		93	28	ug/Kg	*	02/07/13 10:25	02/16/13 02:49	50
1,1-Dichloropropene	<32		93	32	ug/Kg	*	02/07/13 10:25	02/16/13 02:49	50
1,2,3-Trichlorobenzene	<32		190	32	ug/Kg	*	02/07/13 10:25	02/16/13 02:49	50
1,2,3-Trichloropropane	<53		190	53	ug/Kg	*	02/07/13 10:25	02/16/13 02:49	50
1,2,4-Trichlorobenzene	<35		190	35	ug/Kg	*	02/07/13 10:25	02/16/13 02:49	50
1,2,4-Trimethylbenzene	<20		190	20	ug/Kg	*	02/07/13 10:25	02/16/13 02:49	50
1,2-Dibromo-3-Chloropropane	<81		190	81	ug/Kg	*	02/07/13 10:25	02/16/13 02:49	50
1,2-Dibromoethane	<29		190	29	ug/Kg	*	02/07/13 10:25	02/16/13 02:49	50
1,2-Dichlorobenzene	<19		190	19	ug/Kg	*	02/07/13 10:25	02/16/13 02:49	50
1,2-Dichloroethane	<26		93	26	ug/Kg	*	02/07/13 10:25	02/16/13 02:49	50
1,2-Dichloropropane	<18		93	18	ug/Kg	*	02/07/13 10:25	02/16/13 02:49	50
1,3,5-Trimethylbenzene	<19		190	19	ug/Kg	*	02/07/13 10:25	02/16/13 02:49	50
1,3-Dichlorobenzene	<24		190	24	ug/Kg	*	02/07/13 10:25	02/16/13 02:49	50
1,3-Dichloropropane	<12		93	12	ug/Kg	*	02/07/13 10:25	02/16/13 02:49	50
1,4-Dichlorobenzene	<16		190	16	ug/Kg	*	02/07/13 10:25	02/16/13 02:49	50
2,2-Dichloropropane	<29		93	29	ug/Kg	*	02/07/13 10:25	02/16/13 02:49	50
2-Chlorotoluene	<19		93	19	ug/Kg	*	02/07/13 10:25	02/16/13 02:49	50
4-Chlorotoluene	<18		93	18	ug/Kg	*	02/07/13 10:25	02/16/13 02:49	50
Benzene	<6.9		23	6.9	ug/Kg	*	02/07/13 10:25	02/16/13 02:49	50
Bromobenzene	<39		190	39	ug/Kg	*	02/07/13 10:25	02/16/13 02:49	50
Bromochloromethane	<35		190	35	ug/Kg	*	02/07/13 10:25	02/16/13 02:49	50
Bromodichloromethane	<31		190	31	ug/Kg	*	02/07/13 10:25	02/16/13 02:49	50
Bromoform	<41		190	41	ug/Kg	*	02/07/13 10:25	02/16/13 02:49	50
Bromomethane	<63		190	63	ug/Kg	*	02/07/13 10:25	02/16/13 02:49	50
Carbon tetrachloride	<24		93	24	ug/Kg	*	02/07/13 10:25	02/16/13 02:49	50
Chlorobenzene	<13		93	13	ug/Kg	*	02/07/13 10:25	02/16/13 02:49	50
Chloroethane	<40		190	40	ug/Kg	*	02/07/13 10:25	02/16/13 02:49	50
Chloroform	<19		93	19	ug/Kg	*	02/07/13 10:25	02/16/13 02:49	50
Chloromethane	<43		190	43	ug/Kg	*	02/07/13 10:25	02/16/13 02:49	50
cis-1,2-Dichloroethene	<11		93	11	ug/Kg	*	02/07/13 10:25	02/16/13 02:49	50
cis-1,3-Dichloropropene	<17		93	17	ug/Kg	*	02/07/13 10:25	02/16/13 02:49	50
Dibromochloromethane	<32		190	32	ug/Kg	*	02/07/13 10:25	02/16/13 02:49	50
Dibromomethane	<45		190	45	ug/Kg	*	02/07/13 10:25	02/16/13 02:49	50
Dichlorodifluoromethane	<48		190	48	ug/Kg	*	02/07/13 10:25	02/16/13 02:49	50
Ethylbenzene	<12		23	12	ug/Kg	*	02/07/13 10:25	02/16/13 02:49	50
Hexachlorobutadiene	<32		190	32	ug/Kg	*	02/07/13 10:25	02/16/13 02:49	50
Isopropyl ether	<14		190	14	ug/Kg	*	02/07/13 10:25	02/16/13 02:49	50
Isopropylbenzene	<23		190	23	ug/Kg	*	02/07/13 10:25	02/16/13 02:49	50
Methyl tert-butyl ether	<40		190	40	ug/Kg	*	02/07/13 10:25	02/16/13 02:49	50
Methylene Chloride	<63		460	63	ug/Kg	*	02/07/13 10:25	02/16/13 02:49	50
Naphthalene	<46		190	46	ug/Kg	*	02/07/13 10:25	02/16/13 02:49	50
n-Butylbenzene	<12		93	12	ug/Kg	*	02/07/13 10:25	02/16/13 02:49	50
N-Propylbenzene	<16		190	16	ug/Kg	*	02/07/13 10:25	02/16/13 02:49	50
p-Isopropyltoluene	<17		190	17	ug/Kg	*	02/07/13 10:25	02/16/13 02:49	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-46 10-12'

Lab Sample ID: 500-54526-22

Date Collected: 02/07/13 10:25

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 82.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<14		93	14	ug/Kg	☼	02/07/13 10:25	02/16/13 02:49	50
Styrene	<9.2		93	9.2	ug/Kg	☼	02/07/13 10:25	02/16/13 02:49	50
tert-Butylbenzene	<13		93	13	ug/Kg	☼	02/07/13 10:25	02/16/13 02:49	50
Tetrachloroethene	<15		93	15	ug/Kg	☼	02/07/13 10:25	02/16/13 02:49	50
Toluene	<11		23	11	ug/Kg	☼	02/07/13 10:25	02/16/13 02:49	50
trans-1,2-Dichloroethene	<23		93	23	ug/Kg	☼	02/07/13 10:25	02/16/13 02:49	50
trans-1,3-Dichloropropene	<19		93	19	ug/Kg	☼	02/07/13 10:25	02/16/13 02:49	50
Trichloroethene	<17		46	17	ug/Kg	☼	02/07/13 10:25	02/16/13 02:49	50
Trichlorofluoromethane	<38		190	38	ug/Kg	☼	02/07/13 10:25	02/16/13 02:49	50
Vinyl chloride	<9.6		23	9.6	ug/Kg	☼	02/07/13 10:25	02/16/13 02:49	50
Xylenes, Total	<6.3		46	6.3	ug/Kg	☼	02/07/13 10:25	02/16/13 02:49	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		75 - 125				02/07/13 10:25	02/16/13 02:49	50
4-Bromofluorobenzene (Surr)	93		75 - 120				02/07/13 10:25	02/16/13 02:49	50
Dibromofluoromethane	95		75 - 120				02/07/13 10:25	02/16/13 02:49	50
Toluene-d8 (Surr)	95		75 - 120				02/07/13 10:25	02/16/13 02:49	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<19		39	19	ug/Kg	☼	02/13/13 18:18	02/26/13 18:15	1
2-Methylnaphthalene	<51		200	51	ug/Kg	☼	02/13/13 18:18	02/26/13 18:15	1
Acenaphthene	<12		39	12	ug/Kg	☼	02/13/13 18:18	02/26/13 18:15	1
Acenaphthylene	<9.0		39	9.0	ug/Kg	☼	02/13/13 18:18	02/26/13 18:15	1
Anthracene	17	J	39	9.2	ug/Kg	☼	02/13/13 18:18	02/26/13 18:15	1
Benzo[a]anthracene	27	J	39	8.2	ug/Kg	☼	02/13/13 18:18	02/26/13 18:15	1
Benzo[a]pyrene	28	J	39	7.1	ug/Kg	☼	02/13/13 18:18	02/26/13 18:15	1
Benzo[b]fluoranthene	36	J	39	7.6	ug/Kg	☼	02/13/13 18:18	02/26/13 18:15	1
Benzo[g,h,i]perylene	20	J	39	13	ug/Kg	☼	02/13/13 18:18	02/26/13 18:15	1
Benzo[k]fluoranthene	18	J	39	9.3	ug/Kg	☼	02/13/13 18:18	02/26/13 18:15	1
Chrysene	39		39	8.8	ug/Kg	☼	02/13/13 18:18	02/26/13 18:15	1
Dibenz(a,h)anthracene	<11		39	11	ug/Kg	☼	02/13/13 18:18	02/26/13 18:15	1
Fluoranthene	83		39	16	ug/Kg	☼	02/13/13 18:18	02/26/13 18:15	1
Fluorene	<8.9		39	8.9	ug/Kg	☼	02/13/13 18:18	02/26/13 18:15	1
Indeno[1,2,3-cd]pyrene	17	J	39	13	ug/Kg	☼	02/13/13 18:18	02/26/13 18:15	1
Naphthalene	<7.5		39	7.5	ug/Kg	☼	02/13/13 18:18	02/26/13 18:15	1
Phenanthrene	52		39	16	ug/Kg	☼	02/13/13 18:18	02/26/13 18:15	1
Pyrene	55		39	14	ug/Kg	☼	02/13/13 18:18	02/26/13 18:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	77		30 - 119				02/13/13 18:18	02/26/13 18:15	1
Nitrobenzene-d5 (Surr)	73		30 - 115				02/13/13 18:18	02/26/13 18:15	1
Terphenyl-d14 (Surr)	75		36 - 134				02/13/13 18:18	02/26/13 18:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<6.8		19	6.8	ug/Kg	☼	02/13/13 18:40	02/15/13 17:39	1
PCB-1221	<8.4		19	8.4	ug/Kg	☼	02/13/13 18:40	02/15/13 17:39	1
PCB-1232	<8.4		19	8.4	ug/Kg	☼	02/13/13 18:40	02/15/13 17:39	1
PCB-1242	<6.3		19	6.3	ug/Kg	☼	02/13/13 18:40	02/15/13 17:39	1

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-46 10-12'

Lab Sample ID: 500-54526-22

Date Collected: 02/07/13 10:25

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 82.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	<7.6		19	7.6	ug/Kg	☼	02/13/13 18:40	02/15/13 17:39	1
PCB-1254	<4.1		19	4.1	ug/Kg	☼	02/13/13 18:40	02/15/13 17:39	1
PCB-1260	<9.4		19	9.4	ug/Kg	☼	02/13/13 18:40	02/15/13 17:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	70		50 - 116	02/13/13 18:40	02/15/13 17:39	1
DCB Decachlorobiphenyl	87		48 - 142	02/13/13 18:40	02/15/13 17:39	1

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-47 0-2'

Lab Sample ID: 500-54526-23

Date Collected: 02/07/13 10:40

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 84.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<29		170	29	ug/Kg	☼	02/07/13 10:40	02/16/13 03:12	50
1,1,1-Trichloroethane	<17		84	17	ug/Kg	☼	02/07/13 10:40	02/16/13 03:12	50
1,1,2,2-Tetrachloroethane	<20		84	20	ug/Kg	☼	02/07/13 10:40	02/16/13 03:12	50
1,1,2-Trichloroethane	<23		84	23	ug/Kg	☼	02/07/13 10:40	02/16/13 03:12	50
1,1-Dichloroethane	<15		84	15	ug/Kg	☼	02/07/13 10:40	02/16/13 03:12	50
1,1-Dichloroethene	<26		84	26	ug/Kg	☼	02/07/13 10:40	02/16/13 03:12	50
1,1-Dichloropropene	<29		84	29	ug/Kg	☼	02/07/13 10:40	02/16/13 03:12	50
1,2,3-Trichlorobenzene	<29		170	29	ug/Kg	☼	02/07/13 10:40	02/16/13 03:12	50
1,2,3-Trichloropropane	<48		170	48	ug/Kg	☼	02/07/13 10:40	02/16/13 03:12	50
1,2,4-Trichlorobenzene	<32		170	32	ug/Kg	☼	02/07/13 10:40	02/16/13 03:12	50
1,2,4-Trimethylbenzene	<18		170	18	ug/Kg	☼	02/07/13 10:40	02/16/13 03:12	50
1,2-Dibromo-3-Chloropropane	<73		170	73	ug/Kg	☼	02/07/13 10:40	02/16/13 03:12	50
1,2-Dibromoethane	<26		170	26	ug/Kg	☼	02/07/13 10:40	02/16/13 03:12	50
1,2-Dichlorobenzene	<17		170	17	ug/Kg	☼	02/07/13 10:40	02/16/13 03:12	50
1,2-Dichloroethane	<24		84	24	ug/Kg	☼	02/07/13 10:40	02/16/13 03:12	50
1,2-Dichloropropane	<16		84	16	ug/Kg	☼	02/07/13 10:40	02/16/13 03:12	50
1,3,5-Trimethylbenzene	<17		170	17	ug/Kg	☼	02/07/13 10:40	02/16/13 03:12	50
1,3-Dichlorobenzene	<21		170	21	ug/Kg	☼	02/07/13 10:40	02/16/13 03:12	50
1,3-Dichloropropane	<11		84	11	ug/Kg	☼	02/07/13 10:40	02/16/13 03:12	50
1,4-Dichlorobenzene	<15		170	15	ug/Kg	☼	02/07/13 10:40	02/16/13 03:12	50
2,2-Dichloropropane	<26		84	26	ug/Kg	☼	02/07/13 10:40	02/16/13 03:12	50
2-Chlorotoluene	<17		84	17	ug/Kg	☼	02/07/13 10:40	02/16/13 03:12	50
4-Chlorotoluene	<16		84	16	ug/Kg	☼	02/07/13 10:40	02/16/13 03:12	50
Benzene	<6.2		21	6.2	ug/Kg	☼	02/07/13 10:40	02/16/13 03:12	50
Bromobenzene	<36		170	36	ug/Kg	☼	02/07/13 10:40	02/16/13 03:12	50
Bromochloromethane	<32		170	32	ug/Kg	☼	02/07/13 10:40	02/16/13 03:12	50
Bromodichloromethane	<28		170	28	ug/Kg	☼	02/07/13 10:40	02/16/13 03:12	50
Bromoform	<37		170	37	ug/Kg	☼	02/07/13 10:40	02/16/13 03:12	50
Bromomethane	<57		170	57	ug/Kg	☼	02/07/13 10:40	02/16/13 03:12	50
Carbon tetrachloride	<21		84	21	ug/Kg	☼	02/07/13 10:40	02/16/13 03:12	50
Chlorobenzene	<12		84	12	ug/Kg	☼	02/07/13 10:40	02/16/13 03:12	50
Chloroethane	<36		170	36	ug/Kg	☼	02/07/13 10:40	02/16/13 03:12	50
Chloroform	<17		84	17	ug/Kg	☼	02/07/13 10:40	02/16/13 03:12	50
Chloromethane	<39		170	39	ug/Kg	☼	02/07/13 10:40	02/16/13 03:12	50
cis-1,2-Dichloroethene	<10		84	10	ug/Kg	☼	02/07/13 10:40	02/16/13 03:12	50
cis-1,3-Dichloropropene	<15		84	15	ug/Kg	☼	02/07/13 10:40	02/16/13 03:12	50
Dibromochloromethane	<29		170	29	ug/Kg	☼	02/07/13 10:40	02/16/13 03:12	50
Dibromomethane	<40		170	40	ug/Kg	☼	02/07/13 10:40	02/16/13 03:12	50
Dichlorodifluoromethane	<43		170	43	ug/Kg	☼	02/07/13 10:40	02/16/13 03:12	50
Ethylbenzene	<11		21	11	ug/Kg	☼	02/07/13 10:40	02/16/13 03:12	50
Hexachlorobutadiene	<29		170	29	ug/Kg	☼	02/07/13 10:40	02/16/13 03:12	50
Isopropyl ether	<12		170	12	ug/Kg	☼	02/07/13 10:40	02/16/13 03:12	50
Isopropylbenzene	<21		170	21	ug/Kg	☼	02/07/13 10:40	02/16/13 03:12	50
Methyl tert-butyl ether	<36		170	36	ug/Kg	☼	02/07/13 10:40	02/16/13 03:12	50
Methylene Chloride	<57		420	57	ug/Kg	☼	02/07/13 10:40	02/16/13 03:12	50
Naphthalene	<41		170	41	ug/Kg	☼	02/07/13 10:40	02/16/13 03:12	50
n-Butylbenzene	<11		84	11	ug/Kg	☼	02/07/13 10:40	02/16/13 03:12	50
N-Propylbenzene	<15		170	15	ug/Kg	☼	02/07/13 10:40	02/16/13 03:12	50
p-Isopropyltoluene	<15		170	15	ug/Kg	☼	02/07/13 10:40	02/16/13 03:12	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-47 0-2'

Lab Sample ID: 500-54526-23

Date Collected: 02/07/13 10:40

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 84.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<13		84	13	ug/Kg	☼	02/07/13 10:40	02/16/13 03:12	50
Styrene	<8.3		84	8.3	ug/Kg	☼	02/07/13 10:40	02/16/13 03:12	50
tert-Butylbenzene	<11		84	11	ug/Kg	☼	02/07/13 10:40	02/16/13 03:12	50
Tetrachloroethene	<14		84	14	ug/Kg	☼	02/07/13 10:40	02/16/13 03:12	50
Toluene	<9.6		21	9.6	ug/Kg	☼	02/07/13 10:40	02/16/13 03:12	50
trans-1,2-Dichloroethene	<21		84	21	ug/Kg	☼	02/07/13 10:40	02/16/13 03:12	50
trans-1,3-Dichloropropene	<17		84	17	ug/Kg	☼	02/07/13 10:40	02/16/13 03:12	50
Trichloroethene	<16		42	16	ug/Kg	☼	02/07/13 10:40	02/16/13 03:12	50
Trichlorofluoromethane	<35		170	35	ug/Kg	☼	02/07/13 10:40	02/16/13 03:12	50
Vinyl chloride	<8.7		21	8.7	ug/Kg	☼	02/07/13 10:40	02/16/13 03:12	50
Xylenes, Total	<5.7		42	5.7	ug/Kg	☼	02/07/13 10:40	02/16/13 03:12	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		75 - 125				02/07/13 10:40	02/16/13 03:12	50
4-Bromofluorobenzene (Surr)	91		75 - 120				02/07/13 10:40	02/16/13 03:12	50
Dibromofluoromethane	95		75 - 120				02/07/13 10:40	02/16/13 03:12	50
Toluene-d8 (Surr)	94		75 - 120				02/07/13 10:40	02/16/13 03:12	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<19		39	19	ug/Kg	☼	02/13/13 18:18	02/26/13 18:39	1
2-Methylnaphthalene	<51		200	51	ug/Kg	☼	02/13/13 18:18	02/26/13 18:39	1
Acenaphthene	<12		39	12	ug/Kg	☼	02/13/13 18:18	02/26/13 18:39	1
Acenaphthylene	<9.0		39	9.0	ug/Kg	☼	02/13/13 18:18	02/26/13 18:39	1
Anthracene	11	J	39	9.2	ug/Kg	☼	02/13/13 18:18	02/26/13 18:39	1
Benzo[a]anthracene	120		39	8.2	ug/Kg	☼	02/13/13 18:18	02/26/13 18:39	1
Benzo[a]pyrene	160		39	7.1	ug/Kg	☼	02/13/13 18:18	02/26/13 18:39	1
Benzo[b]fluoranthene	240		39	7.6	ug/Kg	☼	02/13/13 18:18	02/26/13 18:39	1
Benzo[g,h,i]perylene	130		39	13	ug/Kg	☼	02/13/13 18:18	02/26/13 18:39	1
Benzo[k]fluoranthene	94		39	9.3	ug/Kg	☼	02/13/13 18:18	02/26/13 18:39	1
Chrysene	140		39	8.8	ug/Kg	☼	02/13/13 18:18	02/26/13 18:39	1
Dibenz(a,h)anthracene	40		39	11	ug/Kg	☼	02/13/13 18:18	02/26/13 18:39	1
Fluoranthene	170		39	16	ug/Kg	☼	02/13/13 18:18	02/26/13 18:39	1
Fluorene	<8.9		39	8.9	ug/Kg	☼	02/13/13 18:18	02/26/13 18:39	1
Indeno[1,2,3-cd]pyrene	110		39	13	ug/Kg	☼	02/13/13 18:18	02/26/13 18:39	1
Naphthalene	<7.5		39	7.5	ug/Kg	☼	02/13/13 18:18	02/26/13 18:39	1
Phenanthrene	47		39	16	ug/Kg	☼	02/13/13 18:18	02/26/13 18:39	1
Pyrene	150		39	14	ug/Kg	☼	02/13/13 18:18	02/26/13 18:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	76		30 - 119				02/13/13 18:18	02/26/13 18:39	1
Nitrobenzene-d5 (Surr)	71		30 - 115				02/13/13 18:18	02/26/13 18:39	1
Terphenyl-d14 (Surr)	75		36 - 134				02/13/13 18:18	02/26/13 18:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<6.9		19	6.9	ug/Kg	☼	02/13/13 18:40	02/15/13 17:53	1
PCB-1221	<8.6		19	8.6	ug/Kg	☼	02/13/13 18:40	02/15/13 17:53	1
PCB-1232	<8.5		19	8.5	ug/Kg	☼	02/13/13 18:40	02/15/13 17:53	1
PCB-1242	<6.4		19	6.4	ug/Kg	☼	02/13/13 18:40	02/15/13 17:53	1

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-47 0-2'

Lab Sample ID: 500-54526-23

Date Collected: 02/07/13 10:40

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 84.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	<7.7		19	7.7	ug/Kg	☼	02/13/13 18:40	02/15/13 17:53	1
PCB-1254	<4.2		19	4.2	ug/Kg	☼	02/13/13 18:40	02/15/13 17:53	1
PCB-1260	<9.5		19	9.5	ug/Kg	☼	02/13/13 18:40	02/15/13 17:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	65		50 - 116	02/13/13 18:40	02/15/13 17:53	1
DCB Decachlorobiphenyl	83		48 - 142	02/13/13 18:40	02/15/13 17:53	1



Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-47 14-15'

Lab Sample ID: 500-54526-24

Date Collected: 02/07/13 10:55

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 82.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<26		150	26	ug/Kg	*	02/07/13 10:55	02/16/13 03:35	50
1,1,1-Trichloroethane	<15		75	15	ug/Kg	*	02/07/13 10:55	02/16/13 03:35	50
1,1,2,2-Tetrachloroethane	<17		75	17	ug/Kg	*	02/07/13 10:55	02/16/13 03:35	50
1,1,2-Trichloroethane	<21		75	21	ug/Kg	*	02/07/13 10:55	02/16/13 03:35	50
1,1-Dichloroethane	<14		75	14	ug/Kg	*	02/07/13 10:55	02/16/13 03:35	50
1,1-Dichloroethene	<23		75	23	ug/Kg	*	02/07/13 10:55	02/16/13 03:35	50
1,1-Dichloropropene	<26		75	26	ug/Kg	*	02/07/13 10:55	02/16/13 03:35	50
1,2,3-Trichlorobenzene	<26		150	26	ug/Kg	*	02/07/13 10:55	02/16/13 03:35	50
1,2,3-Trichloropropane	<43		150	43	ug/Kg	*	02/07/13 10:55	02/16/13 03:35	50
1,2,4-Trichlorobenzene	<28		150	28	ug/Kg	*	02/07/13 10:55	02/16/13 03:35	50
1,2,4-Trimethylbenzene	<16		150	16	ug/Kg	*	02/07/13 10:55	02/16/13 03:35	50
1,2-Dibromo-3-Chloropropane	<65		150	65	ug/Kg	*	02/07/13 10:55	02/16/13 03:35	50
1,2-Dibromoethane	<23		150	23	ug/Kg	*	02/07/13 10:55	02/16/13 03:35	50
1,2-Dichlorobenzene	<15		150	15	ug/Kg	*	02/07/13 10:55	02/16/13 03:35	50
1,2-Dichloroethane	<21		75	21	ug/Kg	*	02/07/13 10:55	02/16/13 03:35	50
1,2-Dichloropropane	<15		75	15	ug/Kg	*	02/07/13 10:55	02/16/13 03:35	50
1,3,5-Trimethylbenzene	<15		150	15	ug/Kg	*	02/07/13 10:55	02/16/13 03:35	50
1,3-Dichlorobenzene	<19		150	19	ug/Kg	*	02/07/13 10:55	02/16/13 03:35	50
1,3-Dichloropropane	<10		75	10	ug/Kg	*	02/07/13 10:55	02/16/13 03:35	50
1,4-Dichlorobenzene	<13		150	13	ug/Kg	*	02/07/13 10:55	02/16/13 03:35	50
2,2-Dichloropropane	<24		75	24	ug/Kg	*	02/07/13 10:55	02/16/13 03:35	50
2-Chlorotoluene	<15		75	15	ug/Kg	*	02/07/13 10:55	02/16/13 03:35	50
4-Chlorotoluene	<15		75	15	ug/Kg	*	02/07/13 10:55	02/16/13 03:35	50
Benzene	<5.5		19	5.5	ug/Kg	*	02/07/13 10:55	02/16/13 03:35	50
Bromobenzene	<32		150	32	ug/Kg	*	02/07/13 10:55	02/16/13 03:35	50
Bromochloromethane	<28		150	28	ug/Kg	*	02/07/13 10:55	02/16/13 03:35	50
Bromodichloromethane	<25		150	25	ug/Kg	*	02/07/13 10:55	02/16/13 03:35	50
Bromoform	<33		150	33	ug/Kg	*	02/07/13 10:55	02/16/13 03:35	50
Bromomethane	<51		150	51	ug/Kg	*	02/07/13 10:55	02/16/13 03:35	50
Carbon tetrachloride	<19		75	19	ug/Kg	*	02/07/13 10:55	02/16/13 03:35	50
Chlorobenzene	<11		75	11	ug/Kg	*	02/07/13 10:55	02/16/13 03:35	50
Chloroethane	<32		150	32	ug/Kg	*	02/07/13 10:55	02/16/13 03:35	50
Chloroform	<15		75	15	ug/Kg	*	02/07/13 10:55	02/16/13 03:35	50
Chloromethane	<34		150	34	ug/Kg	*	02/07/13 10:55	02/16/13 03:35	50
cis-1,2-Dichloroethene	<9.2		75	9.2	ug/Kg	*	02/07/13 10:55	02/16/13 03:35	50
cis-1,3-Dichloropropene	<13		75	13	ug/Kg	*	02/07/13 10:55	02/16/13 03:35	50
Dibromochloromethane	<26		150	26	ug/Kg	*	02/07/13 10:55	02/16/13 03:35	50
Dibromomethane	<36		150	36	ug/Kg	*	02/07/13 10:55	02/16/13 03:35	50
Dichlorodifluoromethane	<38		150	38	ug/Kg	*	02/07/13 10:55	02/16/13 03:35	50
Ethylbenzene	<9.4		19	9.4	ug/Kg	*	02/07/13 10:55	02/16/13 03:35	50
Hexachlorobutadiene	<26		150	26	ug/Kg	*	02/07/13 10:55	02/16/13 03:35	50
Isopropyl ether	<11		150	11	ug/Kg	*	02/07/13 10:55	02/16/13 03:35	50
Isopropylbenzene	<19		150	19	ug/Kg	*	02/07/13 10:55	02/16/13 03:35	50
Methyl tert-butyl ether	<32		150	32	ug/Kg	*	02/07/13 10:55	02/16/13 03:35	50
Methylene Chloride	<51		370	51	ug/Kg	*	02/07/13 10:55	02/16/13 03:35	50
Naphthalene	<37		150	37	ug/Kg	*	02/07/13 10:55	02/16/13 03:35	50
n-Butylbenzene	<9.6		75	9.6	ug/Kg	*	02/07/13 10:55	02/16/13 03:35	50
N-Propylbenzene	<13		150	13	ug/Kg	*	02/07/13 10:55	02/16/13 03:35	50
p-Isopropyltoluene	<14		150	14	ug/Kg	*	02/07/13 10:55	02/16/13 03:35	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-47 14-15'

Lab Sample ID: 500-54526-24

Date Collected: 02/07/13 10:55

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 82.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<11		75	11	ug/Kg	☼	02/07/13 10:55	02/16/13 03:35	50
Styrene	<7.4		75	7.4	ug/Kg	☼	02/07/13 10:55	02/16/13 03:35	50
tert-Butylbenzene	<10		75	10	ug/Kg	☼	02/07/13 10:55	02/16/13 03:35	50
Tetrachloroethene	<12		75	12	ug/Kg	☼	02/07/13 10:55	02/16/13 03:35	50
Toluene	<8.6		19	8.6	ug/Kg	☼	02/07/13 10:55	02/16/13 03:35	50
trans-1,2-Dichloroethene	<19		75	19	ug/Kg	☼	02/07/13 10:55	02/16/13 03:35	50
trans-1,3-Dichloropropene	<15		75	15	ug/Kg	☼	02/07/13 10:55	02/16/13 03:35	50
Trichloroethene	<14		37	14	ug/Kg	☼	02/07/13 10:55	02/16/13 03:35	50
Trichlorofluoromethane	<31		150	31	ug/Kg	☼	02/07/13 10:55	02/16/13 03:35	50
Vinyl chloride	<7.7		19	7.7	ug/Kg	☼	02/07/13 10:55	02/16/13 03:35	50
Xylenes, Total	<5.1		37	5.1	ug/Kg	☼	02/07/13 10:55	02/16/13 03:35	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		75 - 125				02/07/13 10:55	02/16/13 03:35	50
4-Bromofluorobenzene (Surr)	96		75 - 120				02/07/13 10:55	02/16/13 03:35	50
Dibromofluoromethane	93		75 - 120				02/07/13 10:55	02/16/13 03:35	50
Toluene-d8 (Surr)	91		75 - 120				02/07/13 10:55	02/16/13 03:35	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<19		39	19	ug/Kg	☼	02/13/13 18:18	02/26/13 19:03	1
2-Methylnaphthalene	<51		200	51	ug/Kg	☼	02/13/13 18:18	02/26/13 19:03	1
Acenaphthene	<12		39	12	ug/Kg	☼	02/13/13 18:18	02/26/13 19:03	1
Acenaphthylene	<9.0		39	9.0	ug/Kg	☼	02/13/13 18:18	02/26/13 19:03	1
Anthracene	<9.2		39	9.2	ug/Kg	☼	02/13/13 18:18	02/26/13 19:03	1
Benzo[a]anthracene	<8.2		39	8.2	ug/Kg	☼	02/13/13 18:18	02/26/13 19:03	1
Benzo[a]pyrene	<7.1		39	7.1	ug/Kg	☼	02/13/13 18:18	02/26/13 19:03	1
Benzo[b]fluoranthene	<7.6		39	7.6	ug/Kg	☼	02/13/13 18:18	02/26/13 19:03	1
Benzo[g,h,i]perylene	<13		39	13	ug/Kg	☼	02/13/13 18:18	02/26/13 19:03	1
Benzo[k]fluoranthene	<9.3		39	9.3	ug/Kg	☼	02/13/13 18:18	02/26/13 19:03	1
Chrysene	16 J		39	8.8	ug/Kg	☼	02/13/13 18:18	02/26/13 19:03	1
Dibenz(a,h)anthracene	<11		39	11	ug/Kg	☼	02/13/13 18:18	02/26/13 19:03	1
Fluoranthene	<16		39	16	ug/Kg	☼	02/13/13 18:18	02/26/13 19:03	1
Fluorene	<8.9		39	8.9	ug/Kg	☼	02/13/13 18:18	02/26/13 19:03	1
Indeno[1,2,3-cd]pyrene	<13		39	13	ug/Kg	☼	02/13/13 18:18	02/26/13 19:03	1
Naphthalene	9.1 J		39	7.5	ug/Kg	☼	02/13/13 18:18	02/26/13 19:03	1
Phenanthrene	24 J		39	16	ug/Kg	☼	02/13/13 18:18	02/26/13 19:03	1
Pyrene	14 J		39	14	ug/Kg	☼	02/13/13 18:18	02/26/13 19:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	70		30 - 119				02/13/13 18:18	02/26/13 19:03	1
Nitrobenzene-d5 (Surr)	64		30 - 115				02/13/13 18:18	02/26/13 19:03	1
Terphenyl-d14 (Surr)	76		36 - 134				02/13/13 18:18	02/26/13 19:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<7.1		20	7.1	ug/Kg	☼	02/13/13 18:40	02/15/13 18:07	1
PCB-1221	<8.8		20	8.8	ug/Kg	☼	02/13/13 18:40	02/15/13 18:07	1
PCB-1232	<8.7		20	8.7	ug/Kg	☼	02/13/13 18:40	02/15/13 18:07	1
PCB-1242	<6.6		20	6.6	ug/Kg	☼	02/13/13 18:40	02/15/13 18:07	1

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-47 14-15'

Lab Sample ID: 500-54526-24

Date Collected: 02/07/13 10:55

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 82.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	<7.9		20	7.9	ug/Kg	☼	02/13/13 18:40	02/15/13 18:07	1
PCB-1254	<4.3		20	4.3	ug/Kg	☼	02/13/13 18:40	02/15/13 18:07	1
PCB-1260	<9.8		20	9.8	ug/Kg	☼	02/13/13 18:40	02/15/13 18:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro- <i>m</i> -xylene	69		50 - 116	02/13/13 18:40	02/15/13 18:07	1
DCB Decachlorobiphenyl	80		48 - 142	02/13/13 18:40	02/15/13 18:07	1



Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-71 15'

Lab Sample ID: 500-54526-25

Date Collected: 02/08/13 10:15

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 84.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<610		3500	610	ug/Kg	☼	02/08/13 10:15	02/16/13 06:59	1000
1,1,1-Trichloroethane	<350		1800	350	ug/Kg	☼	02/08/13 10:15	02/16/13 06:59	1000
1,1,1,2,2-Tetrachloroethane	<410		1800	410	ug/Kg	☼	02/08/13 10:15	02/16/13 06:59	1000
1,1,2-Trichloroethane	<490		1800	490	ug/Kg	☼	02/08/13 10:15	02/16/13 06:59	1000
1,1-Dichloroethane	<330		1800	330	ug/Kg	☼	02/08/13 10:15	02/16/13 06:59	1000
1,1-Dichloroethene	<540		1800	540	ug/Kg	☼	02/08/13 10:15	02/16/13 06:59	1000
1,1-Dichloropropene	<610		1800	610	ug/Kg	☼	02/08/13 10:15	02/16/13 06:59	1000
1,2,3-Trichlorobenzene	<620		3500	620	ug/Kg	☼	02/08/13 10:15	02/16/13 06:59	1000
1,2,3-Trichloropropane	<1000		3500	1000	ug/Kg	☼	02/08/13 10:15	02/16/13 06:59	1000
1,2,4-Trichlorobenzene	<670		3500	670	ug/Kg	☼	02/08/13 10:15	02/16/13 06:59	1000
1,2,4-Trimethylbenzene	26000		3500	370	ug/Kg	☼	02/08/13 10:15	02/16/13 06:59	1000
1,2-Dibromo-3-Chloropropane	<1500		3500	1500	ug/Kg	☼	02/08/13 10:15	02/16/13 06:59	1000
1,2-Dibromoethane	<550		3500	550	ug/Kg	☼	02/08/13 10:15	02/16/13 06:59	1000
1,2-Dichlorobenzene	<360		3500	360	ug/Kg	☼	02/08/13 10:15	02/16/13 06:59	1000
1,2-Dichloroethane	<500		1800	500	ug/Kg	☼	02/08/13 10:15	02/16/13 06:59	1000
1,2-Dichloropropane	<350		1800	350	ug/Kg	☼	02/08/13 10:15	02/16/13 06:59	1000
1,3,5-Trimethylbenzene	15000		3500	360	ug/Kg	☼	02/08/13 10:15	02/16/13 06:59	1000
1,3-Dichlorobenzene	<450		3500	450	ug/Kg	☼	02/08/13 10:15	02/16/13 06:59	1000
1,3-Dichloropropane	<240		1800	240	ug/Kg	☼	02/08/13 10:15	02/16/13 06:59	1000
1,4-Dichlorobenzene	<310		3500	310	ug/Kg	☼	02/08/13 10:15	02/16/13 06:59	1000
2,2-Dichloropropane	<560		1800	560	ug/Kg	☼	02/08/13 10:15	02/16/13 06:59	1000
2-Chlorotoluene	<360		1800	360	ug/Kg	☼	02/08/13 10:15	02/16/13 06:59	1000
4-Chlorotoluene	<350		1800	350	ug/Kg	☼	02/08/13 10:15	02/16/13 06:59	1000
Benzene	1700		440	130	ug/Kg	☼	02/08/13 10:15	02/16/13 06:59	1000
Bromobenzene	<750		3500	750	ug/Kg	☼	02/08/13 10:15	02/16/13 06:59	1000
Bromochloromethane	<670		3500	670	ug/Kg	☼	02/08/13 10:15	02/16/13 06:59	1000
Bromodichloromethane	<600		3500	600	ug/Kg	☼	02/08/13 10:15	02/16/13 06:59	1000
Bromoform	<780		3500	780	ug/Kg	☼	02/08/13 10:15	02/16/13 06:59	1000
Bromomethane	<1200		3500	1200	ug/Kg	☼	02/08/13 10:15	02/16/13 06:59	1000
Carbon tetrachloride	<450		1800	450	ug/Kg	☼	02/08/13 10:15	02/16/13 06:59	1000
Chlorobenzene	<250		1800	250	ug/Kg	☼	02/08/13 10:15	02/16/13 06:59	1000
Chloroethane	<770		3500	770	ug/Kg	☼	02/08/13 10:15	02/16/13 06:59	1000
Chloroform	<360		1800	360	ug/Kg	☼	02/08/13 10:15	02/16/13 06:59	1000
Chloromethane	<810		3500	810	ug/Kg	☼	02/08/13 10:15	02/16/13 06:59	1000
cis-1,2-Dichloroethene	<220		1800	220	ug/Kg	☼	02/08/13 10:15	02/16/13 06:59	1000
cis-1,3-Dichloropropene	<310		1800	310	ug/Kg	☼	02/08/13 10:15	02/16/13 06:59	1000
Dibromochloromethane	<610		3500	610	ug/Kg	☼	02/08/13 10:15	02/16/13 06:59	1000
Dibromomethane	<850		3500	850	ug/Kg	☼	02/08/13 10:15	02/16/13 06:59	1000
Dichlorodifluoromethane	<900		3500	900	ug/Kg	☼	02/08/13 10:15	02/16/13 06:59	1000
Ethylbenzene	8500		440	220	ug/Kg	☼	02/08/13 10:15	02/16/13 06:59	1000
Hexachlorobutadiene	<610		3500	610	ug/Kg	☼	02/08/13 10:15	02/16/13 06:59	1000
Isopropyl ether	<260		3500	260	ug/Kg	☼	02/08/13 10:15	02/16/13 06:59	1000
Isopropylbenzene	1500 J		3500	440	ug/Kg	☼	02/08/13 10:15	02/16/13 06:59	1000
Methyl tert-butyl ether	<760		3500	760	ug/Kg	☼	02/08/13 10:15	02/16/13 06:59	1000
Methylene Chloride	<1200		8800	1200	ug/Kg	☼	02/08/13 10:15	02/16/13 06:59	1000
n-Butylbenzene	<230		1800	230	ug/Kg	☼	02/08/13 10:15	02/16/13 06:59	1000
N-Propylbenzene	880 J		3500	310	ug/Kg	☼	02/08/13 10:15	02/16/13 06:59	1000
p-Isopropyltoluene	<330		3500	330	ug/Kg	☼	02/08/13 10:15	02/16/13 06:59	1000
sec-Butylbenzene	<270		1800	270	ug/Kg	☼	02/08/13 10:15	02/16/13 06:59	1000

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-71 15'

Lab Sample ID: 500-54526-25

Date Collected: 02/08/13 10:15

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 84.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	<170		1800	170	ug/Kg	☼	02/08/13 10:15	02/16/13 06:59	1000
tert-Butylbenzene	<240		1800	240	ug/Kg	☼	02/08/13 10:15	02/16/13 06:59	1000
Tetrachloroethene	<290		1800	290	ug/Kg	☼	02/08/13 10:15	02/16/13 06:59	1000
Toluene	8800		440	200	ug/Kg	☼	02/08/13 10:15	02/16/13 06:59	1000
trans-1,2-Dichloroethene	<440		1800	440	ug/Kg	☼	02/08/13 10:15	02/16/13 06:59	1000
trans-1,3-Dichloropropene	<370		1800	370	ug/Kg	☼	02/08/13 10:15	02/16/13 06:59	1000
Trichloroethene	<330		880	330	ug/Kg	☼	02/08/13 10:15	02/16/13 06:59	1000
Trichlorofluoromethane	<730		3500	730	ug/Kg	☼	02/08/13 10:15	02/16/13 06:59	1000
Vinyl chloride	<180		440	180	ug/Kg	☼	02/08/13 10:15	02/16/13 06:59	1000
Xylenes, Total	41000		880	120	ug/Kg	☼	02/08/13 10:15	02/16/13 06:59	1000

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		75 - 125	02/08/13 10:15	02/16/13 06:59	1000
4-Bromofluorobenzene (Surr)	98		75 - 120	02/08/13 10:15	02/16/13 06:59	1000
Dibromofluoromethane	100		75 - 120	02/08/13 10:15	02/16/13 06:59	1000
Toluene-d8 (Surr)	93		75 - 120	02/08/13 10:15	02/16/13 06:59	1000

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	1400000		35000	8700	ug/Kg	☼	02/08/13 10:15	02/16/13 07:22	10000

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		75 - 125	02/08/13 10:15	02/16/13 07:22	10000
4-Bromofluorobenzene (Surr)	93		75 - 120	02/08/13 10:15	02/16/13 07:22	10000
Dibromofluoromethane	95		75 - 120	02/08/13 10:15	02/16/13 07:22	10000
Toluene-d8 (Surr)	93		75 - 120	02/08/13 10:15	02/16/13 07:22	10000

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	26000		380	190	ug/Kg	☼	02/13/13 18:18	02/26/13 19:27	10
2-Methylnaphthalene	53000		19000	5000	ug/Kg	☼	02/13/13 18:18	02/27/13 15:52	100
Acenaphthene	30000		380	110	ug/Kg	☼	02/13/13 18:18	02/26/13 19:27	10
Acenaphthylene	350 J		380	88	ug/Kg	☼	02/13/13 18:18	02/26/13 19:27	10
Anthracene	12000		380	90	ug/Kg	☼	02/13/13 18:18	02/26/13 19:27	10
Benzo[a]anthracene	6900		380	80	ug/Kg	☼	02/13/13 18:18	02/26/13 19:27	10
Benzo[a]pyrene	4400		380	70	ug/Kg	☼	02/13/13 18:18	02/26/13 19:27	10
Benzo[b]fluoranthene	6300		380	74	ug/Kg	☼	02/13/13 18:18	02/26/13 19:27	10
Benzo[g,h,i]perylene	2300		380	130	ug/Kg	☼	02/13/13 18:18	02/26/13 19:27	10
Benzo[k]fluoranthene	2100		380	91	ug/Kg	☼	02/13/13 18:18	02/26/13 19:27	10
Chrysene	6200		380	86	ug/Kg	☼	02/13/13 18:18	02/26/13 19:27	10
Dibenz(a,h)anthracene	670		380	110	ug/Kg	☼	02/13/13 18:18	02/26/13 19:27	10
Fluoranthene	26000		380	160	ug/Kg	☼	02/13/13 18:18	02/26/13 19:27	10
Fluorene	27000		3800	870	ug/Kg	☼	02/13/13 18:18	02/27/13 15:52	100
Indeno[1,2,3-cd]pyrene	2000		380	130	ug/Kg	☼	02/13/13 18:18	02/26/13 19:27	10
Naphthalene	190000		3800	740	ug/Kg	☼	02/13/13 18:18	02/27/13 15:52	100
Phenanthrene	80000		3800	1600	ug/Kg	☼	02/13/13 18:18	02/27/13 15:52	100
Pyrene	20000		380	140	ug/Kg	☼	02/13/13 18:18	02/26/13 19:27	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	79		30 - 119	02/13/13 18:18	02/26/13 19:27	10
Nitrobenzene-d5 (Surr)	78		30 - 115	02/13/13 18:18	02/26/13 19:27	10

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-71 15'

Date Collected: 02/08/13 10:15

Date Received: 02/13/13 10:10

Lab Sample ID: 500-54526-25

Matrix: Solid

Percent Solids: 84.0

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>Terphenyl-d14 (Surr)</i>	86		36 - 134	02/13/13 18:18	02/26/13 19:27	10

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-71 25'

Lab Sample ID: 500-54526-26

Date Collected: 02/08/13 10:35

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 84.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<27		160	27	ug/Kg	☼	02/08/13 10:35	02/16/13 03:57	50
1,1,1-Trichloroethane	<16		78	16	ug/Kg	☼	02/08/13 10:35	02/16/13 03:57	50
1,1,2,2-Tetrachloroethane	<18		78	18	ug/Kg	☼	02/08/13 10:35	02/16/13 03:57	50
1,1,2-Trichloroethane	<22		78	22	ug/Kg	☼	02/08/13 10:35	02/16/13 03:57	50
1,1-Dichloroethane	<14		78	14	ug/Kg	☼	02/08/13 10:35	02/16/13 03:57	50
1,1-Dichloroethene	<24		78	24	ug/Kg	☼	02/08/13 10:35	02/16/13 03:57	50
1,1-Dichloropropene	<27		78	27	ug/Kg	☼	02/08/13 10:35	02/16/13 03:57	50
1,2,3-Trichlorobenzene	<27		160	27	ug/Kg	☼	02/08/13 10:35	02/16/13 03:57	50
1,2,3-Trichloropropane	<45		160	45	ug/Kg	☼	02/08/13 10:35	02/16/13 03:57	50
1,2,4-Trichlorobenzene	<29		160	29	ug/Kg	☼	02/08/13 10:35	02/16/13 03:57	50
1,2,4-Trimethylbenzene	<16		160	16	ug/Kg	☼	02/08/13 10:35	02/16/13 03:57	50
1,2-Dibromo-3-Chloropropane	<68		160	68	ug/Kg	☼	02/08/13 10:35	02/16/13 03:57	50
1,2-Dibromoethane	<24		160	24	ug/Kg	☼	02/08/13 10:35	02/16/13 03:57	50
1,2-Dichlorobenzene	<16		160	16	ug/Kg	☼	02/08/13 10:35	02/16/13 03:57	50
1,2-Dichloroethane	<22		78	22	ug/Kg	☼	02/08/13 10:35	02/16/13 03:57	50
1,2-Dichloropropane	<15		78	15	ug/Kg	☼	02/08/13 10:35	02/16/13 03:57	50
1,3,5-Trimethylbenzene	<16		160	16	ug/Kg	☼	02/08/13 10:35	02/16/13 03:57	50
1,3-Dichlorobenzene	<20		160	20	ug/Kg	☼	02/08/13 10:35	02/16/13 03:57	50
1,3-Dichloropropane	<10		78	10	ug/Kg	☼	02/08/13 10:35	02/16/13 03:57	50
1,4-Dichlorobenzene	<14		160	14	ug/Kg	☼	02/08/13 10:35	02/16/13 03:57	50
2,2-Dichloropropane	<25		78	25	ug/Kg	☼	02/08/13 10:35	02/16/13 03:57	50
2-Chlorotoluene	<16		78	16	ug/Kg	☼	02/08/13 10:35	02/16/13 03:57	50
4-Chlorotoluene	<15		78	15	ug/Kg	☼	02/08/13 10:35	02/16/13 03:57	50
Benzene	36		19	5.8	ug/Kg	☼	02/08/13 10:35	02/16/13 03:57	50
Bromobenzene	<33		160	33	ug/Kg	☼	02/08/13 10:35	02/16/13 03:57	50
Bromochloromethane	<29		160	29	ug/Kg	☼	02/08/13 10:35	02/16/13 03:57	50
Bromodichloromethane	<26		160	26	ug/Kg	☼	02/08/13 10:35	02/16/13 03:57	50
Bromoform	<34		160	34	ug/Kg	☼	02/08/13 10:35	02/16/13 03:57	50
Bromomethane	<53		160	53	ug/Kg	☼	02/08/13 10:35	02/16/13 03:57	50
Carbon tetrachloride	<20		78	20	ug/Kg	☼	02/08/13 10:35	02/16/13 03:57	50
Chlorobenzene	<11		78	11	ug/Kg	☼	02/08/13 10:35	02/16/13 03:57	50
Chloroethane	<34		160	34	ug/Kg	☼	02/08/13 10:35	02/16/13 03:57	50
Chloroform	<16		78	16	ug/Kg	☼	02/08/13 10:35	02/16/13 03:57	50
Chloromethane	<36		160	36	ug/Kg	☼	02/08/13 10:35	02/16/13 03:57	50
cis-1,2-Dichloroethene	<9.6		78	9.6	ug/Kg	☼	02/08/13 10:35	02/16/13 03:57	50
cis-1,3-Dichloropropene	<14		78	14	ug/Kg	☼	02/08/13 10:35	02/16/13 03:57	50
Dibromochloromethane	<27		160	27	ug/Kg	☼	02/08/13 10:35	02/16/13 03:57	50
Dibromomethane	<37		160	37	ug/Kg	☼	02/08/13 10:35	02/16/13 03:57	50
Dichlorodifluoromethane	<40		160	40	ug/Kg	☼	02/08/13 10:35	02/16/13 03:57	50
Ethylbenzene	<9.8		19	9.8	ug/Kg	☼	02/08/13 10:35	02/16/13 03:57	50
Hexachlorobutadiene	<27		160	27	ug/Kg	☼	02/08/13 10:35	02/16/13 03:57	50
Isopropyl ether	<11		160	11	ug/Kg	☼	02/08/13 10:35	02/16/13 03:57	50
Isopropylbenzene	<20		160	20	ug/Kg	☼	02/08/13 10:35	02/16/13 03:57	50
Methyl tert-butyl ether	<33		160	33	ug/Kg	☼	02/08/13 10:35	02/16/13 03:57	50
Methylene Chloride	<53		390	53	ug/Kg	☼	02/08/13 10:35	02/16/13 03:57	50
Naphthalene	510		160	38	ug/Kg	☼	02/08/13 10:35	02/16/13 03:57	50
n-Butylbenzene	<10		78	10	ug/Kg	☼	02/08/13 10:35	02/16/13 03:57	50
N-Propylbenzene	<14		160	14	ug/Kg	☼	02/08/13 10:35	02/16/13 03:57	50
p-Isopropyltoluene	<14		160	14	ug/Kg	☼	02/08/13 10:35	02/16/13 03:57	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-71 25'

Lab Sample ID: 500-54526-26

Date Collected: 02/08/13 10:35

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 84.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<12		78	12	ug/Kg	☼	02/08/13 10:35	02/16/13 03:57	50
Styrene	<7.7		78	7.7	ug/Kg	☼	02/08/13 10:35	02/16/13 03:57	50
tert-Butylbenzene	<11		78	11	ug/Kg	☼	02/08/13 10:35	02/16/13 03:57	50
Tetrachloroethene	<13		78	13	ug/Kg	☼	02/08/13 10:35	02/16/13 03:57	50
Toluene	<9.0		19	9.0	ug/Kg	☼	02/08/13 10:35	02/16/13 03:57	50
trans-1,2-Dichloroethene	<19		78	19	ug/Kg	☼	02/08/13 10:35	02/16/13 03:57	50
trans-1,3-Dichloropropene	<16		78	16	ug/Kg	☼	02/08/13 10:35	02/16/13 03:57	50
Trichloroethene	<14		39	14	ug/Kg	☼	02/08/13 10:35	02/16/13 03:57	50
Trichlorofluoromethane	<32		160	32	ug/Kg	☼	02/08/13 10:35	02/16/13 03:57	50
Vinyl chloride	<8.1		19	8.1	ug/Kg	☼	02/08/13 10:35	02/16/13 03:57	50
Xylenes, Total	32	J	39	5.3	ug/Kg	☼	02/08/13 10:35	02/16/13 03:57	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		75 - 125	02/08/13 10:35	02/16/13 03:57	50
4-Bromofluorobenzene (Surr)	94		75 - 120	02/08/13 10:35	02/16/13 03:57	50
Dibromofluoromethane	98		75 - 120	02/08/13 10:35	02/16/13 03:57	50
Toluene-d8 (Surr)	93		75 - 120	02/08/13 10:35	02/16/13 03:57	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	35	J	37	18	ug/Kg	☼	02/13/13 18:18	02/26/13 19:50	1
2-Methylnaphthalene	51	J	190	48	ug/Kg	☼	02/13/13 18:18	02/26/13 19:50	1
Acenaphthene	45		37	11	ug/Kg	☼	02/13/13 18:18	02/26/13 19:50	1
Acenaphthylene	<8.5		37	8.5	ug/Kg	☼	02/13/13 18:18	02/26/13 19:50	1
Anthracene	<8.7		37	8.7	ug/Kg	☼	02/13/13 18:18	02/26/13 19:50	1
Benzo[a]anthracene	9.4	J	37	7.8	ug/Kg	☼	02/13/13 18:18	02/26/13 19:50	1
Benzo[a]pyrene	<6.8		37	6.8	ug/Kg	☼	02/13/13 18:18	02/26/13 19:50	1
Benzo[b]fluoranthene	<7.2		37	7.2	ug/Kg	☼	02/13/13 18:18	02/26/13 19:50	1
Benzo[g,h,i]perylene	<13		37	13	ug/Kg	☼	02/13/13 18:18	02/26/13 19:50	1
Benzo[k]fluoranthene	<8.9		37	8.9	ug/Kg	☼	02/13/13 18:18	02/26/13 19:50	1
Chrysene	22	J	37	8.4	ug/Kg	☼	02/13/13 18:18	02/26/13 19:50	1
Dibenz(a,h)anthracene	<10		37	10	ug/Kg	☼	02/13/13 18:18	02/26/13 19:50	1
Fluoranthene	55		37	15	ug/Kg	☼	02/13/13 18:18	02/26/13 19:50	1
Fluorene	29	J	37	8.4	ug/Kg	☼	02/13/13 18:18	02/26/13 19:50	1
Indeno[1,2,3-cd]pyrene	<13		37	13	ug/Kg	☼	02/13/13 18:18	02/26/13 19:50	1
Naphthalene	170		37	7.2	ug/Kg	☼	02/13/13 18:18	02/26/13 19:50	1
Phenanthrene	100		37	16	ug/Kg	☼	02/13/13 18:18	02/26/13 19:50	1
Pyrene	40		37	13	ug/Kg	☼	02/13/13 18:18	02/26/13 19:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	77		30 - 119	02/13/13 18:18	02/26/13 19:50	1
Nitrobenzene-d5 (Surr)	68		30 - 115	02/13/13 18:18	02/26/13 19:50	1
Terphenyl-d14 (Surr)	90		36 - 134	02/13/13 18:18	02/26/13 19:50	1

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-80 15'

Lab Sample ID: 500-54526-27

Date Collected: 02/08/13 12:35

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 82.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<26		150	26	ug/Kg	*	02/08/13 12:35	02/16/13 04:20	50
1,1,1-Trichloroethane	<15		75	15	ug/Kg	*	02/08/13 12:35	02/16/13 04:20	50
1,1,1,2,2-Tetrachloroethane	<18		75	18	ug/Kg	*	02/08/13 12:35	02/16/13 04:20	50
1,1,1,2-Trichloroethane	<21		75	21	ug/Kg	*	02/08/13 12:35	02/16/13 04:20	50
1,1-Dichloroethane	<14		75	14	ug/Kg	*	02/08/13 12:35	02/16/13 04:20	50
1,1-Dichloroethene	<23		75	23	ug/Kg	*	02/08/13 12:35	02/16/13 04:20	50
1,1-Dichloropropene	<26		75	26	ug/Kg	*	02/08/13 12:35	02/16/13 04:20	50
1,2,3-Trichlorobenzene	<26		150	26	ug/Kg	*	02/08/13 12:35	02/16/13 04:20	50
1,2,3-Trichloropropane	<43		150	43	ug/Kg	*	02/08/13 12:35	02/16/13 04:20	50
1,2,4-Trichlorobenzene	<28		150	28	ug/Kg	*	02/08/13 12:35	02/16/13 04:20	50
1,2,4-Trimethylbenzene	<16		150	16	ug/Kg	*	02/08/13 12:35	02/16/13 04:20	50
1,2-Dibromo-3-Chloropropane	<65		150	65	ug/Kg	*	02/08/13 12:35	02/16/13 04:20	50
1,2-Dibromoethane	<24		150	24	ug/Kg	*	02/08/13 12:35	02/16/13 04:20	50
1,2-Dichlorobenzene	<15		150	15	ug/Kg	*	02/08/13 12:35	02/16/13 04:20	50
1,2-Dichloroethane	<21		75	21	ug/Kg	*	02/08/13 12:35	02/16/13 04:20	50
1,2-Dichloropropane	<15		75	15	ug/Kg	*	02/08/13 12:35	02/16/13 04:20	50
1,3,5-Trimethylbenzene	<15		150	15	ug/Kg	*	02/08/13 12:35	02/16/13 04:20	50
1,3-Dichlorobenzene	<19		150	19	ug/Kg	*	02/08/13 12:35	02/16/13 04:20	50
1,3-Dichloropropane	<10		75	10	ug/Kg	*	02/08/13 12:35	02/16/13 04:20	50
1,4-Dichlorobenzene	<13		150	13	ug/Kg	*	02/08/13 12:35	02/16/13 04:20	50
2,2-Dichloropropane	<24		75	24	ug/Kg	*	02/08/13 12:35	02/16/13 04:20	50
2-Chlorotoluene	<16		75	16	ug/Kg	*	02/08/13 12:35	02/16/13 04:20	50
4-Chlorotoluene	<15		75	15	ug/Kg	*	02/08/13 12:35	02/16/13 04:20	50
Benzene	<5.6		19	5.6	ug/Kg	*	02/08/13 12:35	02/16/13 04:20	50
Bromobenzene	<32		150	32	ug/Kg	*	02/08/13 12:35	02/16/13 04:20	50
Bromochloromethane	<28		150	28	ug/Kg	*	02/08/13 12:35	02/16/13 04:20	50
Bromodichloromethane	<25		150	25	ug/Kg	*	02/08/13 12:35	02/16/13 04:20	50
Bromoform	<33		150	33	ug/Kg	*	02/08/13 12:35	02/16/13 04:20	50
Bromomethane	<51		150	51	ug/Kg	*	02/08/13 12:35	02/16/13 04:20	50
Carbon tetrachloride	<19		75	19	ug/Kg	*	02/08/13 12:35	02/16/13 04:20	50
Chlorobenzene	<11		75	11	ug/Kg	*	02/08/13 12:35	02/16/13 04:20	50
Chloroethane	<33		150	33	ug/Kg	*	02/08/13 12:35	02/16/13 04:20	50
Chloroform	<15		75	15	ug/Kg	*	02/08/13 12:35	02/16/13 04:20	50
Chloromethane	<35		150	35	ug/Kg	*	02/08/13 12:35	02/16/13 04:20	50
cis-1,2-Dichloroethene	<9.2		75	9.2	ug/Kg	*	02/08/13 12:35	02/16/13 04:20	50
cis-1,3-Dichloropropene	<13		75	13	ug/Kg	*	02/08/13 12:35	02/16/13 04:20	50
Dibromochloromethane	<26		150	26	ug/Kg	*	02/08/13 12:35	02/16/13 04:20	50
Dibromomethane	<36		150	36	ug/Kg	*	02/08/13 12:35	02/16/13 04:20	50
Dichlorodifluoromethane	<39		150	39	ug/Kg	*	02/08/13 12:35	02/16/13 04:20	50
Ethylbenzene	<9.5		19	9.5	ug/Kg	*	02/08/13 12:35	02/16/13 04:20	50
Hexachlorobutadiene	<26		150	26	ug/Kg	*	02/08/13 12:35	02/16/13 04:20	50
Isopropyl ether	<11		150	11	ug/Kg	*	02/08/13 12:35	02/16/13 04:20	50
Isopropylbenzene	<19		150	19	ug/Kg	*	02/08/13 12:35	02/16/13 04:20	50
Methyl tert-butyl ether	<32		150	32	ug/Kg	*	02/08/13 12:35	02/16/13 04:20	50
Methylene Chloride	<51		380	51	ug/Kg	*	02/08/13 12:35	02/16/13 04:20	50
Naphthalene	<37		150	37	ug/Kg	*	02/08/13 12:35	02/16/13 04:20	50
n-Butylbenzene	<9.7		75	9.7	ug/Kg	*	02/08/13 12:35	02/16/13 04:20	50
N-Propylbenzene	<13		150	13	ug/Kg	*	02/08/13 12:35	02/16/13 04:20	50
p-Isopropyltoluene	<14		150	14	ug/Kg	*	02/08/13 12:35	02/16/13 04:20	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-80 15'

Lab Sample ID: 500-54526-27

Date Collected: 02/08/13 12:35

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 82.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<12		75	12	ug/Kg	☼	02/08/13 12:35	02/16/13 04:20	50
Styrene	<7.4		75	7.4	ug/Kg	☼	02/08/13 12:35	02/16/13 04:20	50
tert-Butylbenzene	<10		75	10	ug/Kg	☼	02/08/13 12:35	02/16/13 04:20	50
Tetrachloroethene	<13		75	13	ug/Kg	☼	02/08/13 12:35	02/16/13 04:20	50
Toluene	<8.6		19	8.6	ug/Kg	☼	02/08/13 12:35	02/16/13 04:20	50
trans-1,2-Dichloroethene	<19		75	19	ug/Kg	☼	02/08/13 12:35	02/16/13 04:20	50
trans-1,3-Dichloropropene	<16		75	16	ug/Kg	☼	02/08/13 12:35	02/16/13 04:20	50
Trichloroethene	<14		38	14	ug/Kg	☼	02/08/13 12:35	02/16/13 04:20	50
Trichlorofluoromethane	<31		150	31	ug/Kg	☼	02/08/13 12:35	02/16/13 04:20	50
Vinyl chloride	<7.8		19	7.8	ug/Kg	☼	02/08/13 12:35	02/16/13 04:20	50
Xylenes, Total	<5.1		38	5.1	ug/Kg	☼	02/08/13 12:35	02/16/13 04:20	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		75 - 125				02/08/13 12:35	02/16/13 04:20	50
4-Bromofluorobenzene (Surr)	92		75 - 120				02/08/13 12:35	02/16/13 04:20	50
Dibromofluoromethane	95		75 - 120				02/08/13 12:35	02/16/13 04:20	50
Toluene-d8 (Surr)	93		75 - 120				02/08/13 12:35	02/16/13 04:20	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<19		39	19	ug/Kg	☼	02/13/13 18:18	02/26/13 20:14	1
2-Methylnaphthalene	<51		200	51	ug/Kg	☼	02/13/13 18:18	02/26/13 20:14	1
Acenaphthene	<12		39	12	ug/Kg	☼	02/13/13 18:18	02/26/13 20:14	1
Acenaphthylene	<9.0		39	9.0	ug/Kg	☼	02/13/13 18:18	02/26/13 20:14	1
Anthracene	<9.2		39	9.2	ug/Kg	☼	02/13/13 18:18	02/26/13 20:14	1
Benzo[a]anthracene	8.2 J		39	8.2	ug/Kg	☼	02/13/13 18:18	02/26/13 20:14	1
Benzo[a]pyrene	<7.1		39	7.1	ug/Kg	☼	02/13/13 18:18	02/26/13 20:14	1
Benzo[b]fluoranthene	13 J		39	7.6	ug/Kg	☼	02/13/13 18:18	02/26/13 20:14	1
Benzo[g,h,i]perylene	<13		39	13	ug/Kg	☼	02/13/13 18:18	02/26/13 20:14	1
Benzo[k]fluoranthene	<9.3		39	9.3	ug/Kg	☼	02/13/13 18:18	02/26/13 20:14	1
Chrysene	14 J		39	8.9	ug/Kg	☼	02/13/13 18:18	02/26/13 20:14	1
Dibenz(a,h)anthracene	<11		39	11	ug/Kg	☼	02/13/13 18:18	02/26/13 20:14	1
Fluoranthene	24 J		39	16	ug/Kg	☼	02/13/13 18:18	02/26/13 20:14	1
Fluorene	<8.9		39	8.9	ug/Kg	☼	02/13/13 18:18	02/26/13 20:14	1
Indeno[1,2,3-cd]pyrene	<13		39	13	ug/Kg	☼	02/13/13 18:18	02/26/13 20:14	1
Naphthalene	<7.6		39	7.6	ug/Kg	☼	02/13/13 18:18	02/26/13 20:14	1
Phenanthrene	18 J		39	16	ug/Kg	☼	02/13/13 18:18	02/26/13 20:14	1
Pyrene	16 J		39	14	ug/Kg	☼	02/13/13 18:18	02/26/13 20:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	64		30 - 119				02/13/13 18:18	02/26/13 20:14	1
Nitrobenzene-d5 (Surr)	58		30 - 115				02/13/13 18:18	02/26/13 20:14	1
Terphenyl-d14 (Surr)	78		36 - 134				02/13/13 18:18	02/26/13 20:14	1

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-84 15'

Lab Sample ID: 500-54526-28

Date Collected: 02/11/13 08:55

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 85.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<25		140	25	ug/Kg	☼	02/11/13 08:55	02/16/13 04:43	50
1,1,1-Trichloroethane	<14		72	14	ug/Kg	☼	02/11/13 08:55	02/16/13 04:43	50
1,1,1,2,2-Tetrachloroethane	<17		72	17	ug/Kg	☼	02/11/13 08:55	02/16/13 04:43	50
1,1,2-Trichloroethane	<20		72	20	ug/Kg	☼	02/11/13 08:55	02/16/13 04:43	50
1,1-Dichloroethane	<13		72	13	ug/Kg	☼	02/11/13 08:55	02/16/13 04:43	50
1,1-Dichloroethene	<22		72	22	ug/Kg	☼	02/11/13 08:55	02/16/13 04:43	50
1,1-Dichloropropene	<25		72	25	ug/Kg	☼	02/11/13 08:55	02/16/13 04:43	50
1,2,3-Trichlorobenzene	<25		140	25	ug/Kg	☼	02/11/13 08:55	02/16/13 04:43	50
1,2,3-Trichloropropane	<41		140	41	ug/Kg	☼	02/11/13 08:55	02/16/13 04:43	50
1,2,4-Trichlorobenzene	<27		140	27	ug/Kg	☼	02/11/13 08:55	02/16/13 04:43	50
1,2,4-Trimethylbenzene	<15		140	15	ug/Kg	☼	02/11/13 08:55	02/16/13 04:43	50
1,2-Dibromo-3-Chloropropane	<63		140	63	ug/Kg	☼	02/11/13 08:55	02/16/13 04:43	50
1,2-Dibromoethane	<23		140	23	ug/Kg	☼	02/11/13 08:55	02/16/13 04:43	50
1,2-Dichlorobenzene	<15		140	15	ug/Kg	☼	02/11/13 08:55	02/16/13 04:43	50
1,2-Dichloroethane	<20		72	20	ug/Kg	☼	02/11/13 08:55	02/16/13 04:43	50
1,2-Dichloropropane	<14		72	14	ug/Kg	☼	02/11/13 08:55	02/16/13 04:43	50
1,3,5-Trimethylbenzene	<15		140	15	ug/Kg	☼	02/11/13 08:55	02/16/13 04:43	50
1,3-Dichlorobenzene	<18		140	18	ug/Kg	☼	02/11/13 08:55	02/16/13 04:43	50
1,3-Dichloropropane	<9.6		72	9.6	ug/Kg	☼	02/11/13 08:55	02/16/13 04:43	50
1,4-Dichlorobenzene	<13		140	13	ug/Kg	☼	02/11/13 08:55	02/16/13 04:43	50
2,2-Dichloropropane	<23		72	23	ug/Kg	☼	02/11/13 08:55	02/16/13 04:43	50
2-Chlorotoluene	<15		72	15	ug/Kg	☼	02/11/13 08:55	02/16/13 04:43	50
4-Chlorotoluene	<14		72	14	ug/Kg	☼	02/11/13 08:55	02/16/13 04:43	50
Benzene	<5.3		18	5.3	ug/Kg	☼	02/11/13 08:55	02/16/13 04:43	50
Bromobenzene	<31		140	31	ug/Kg	☼	02/11/13 08:55	02/16/13 04:43	50
Bromochloromethane	<27		140	27	ug/Kg	☼	02/11/13 08:55	02/16/13 04:43	50
Bromodichloromethane	<24		140	24	ug/Kg	☼	02/11/13 08:55	02/16/13 04:43	50
Bromoform	<32		140	32	ug/Kg	☼	02/11/13 08:55	02/16/13 04:43	50
Bromomethane	<49		140	49	ug/Kg	☼	02/11/13 08:55	02/16/13 04:43	50
Carbon tetrachloride	<18		72	18	ug/Kg	☼	02/11/13 08:55	02/16/13 04:43	50
Chlorobenzene	<10		72	10	ug/Kg	☼	02/11/13 08:55	02/16/13 04:43	50
Chloroethane	<31		140	31	ug/Kg	☼	02/11/13 08:55	02/16/13 04:43	50
Chloroform	<15		72	15	ug/Kg	☼	02/11/13 08:55	02/16/13 04:43	50
Chloromethane	<33		140	33	ug/Kg	☼	02/11/13 08:55	02/16/13 04:43	50
cis-1,2-Dichloroethene	<8.8		72	8.8	ug/Kg	☼	02/11/13 08:55	02/16/13 04:43	50
cis-1,3-Dichloropropene	<13		72	13	ug/Kg	☼	02/11/13 08:55	02/16/13 04:43	50
Dibromochloromethane	<25		140	25	ug/Kg	☼	02/11/13 08:55	02/16/13 04:43	50
Dibromomethane	<35		140	35	ug/Kg	☼	02/11/13 08:55	02/16/13 04:43	50
Dichlorodifluoromethane	<37		140	37	ug/Kg	☼	02/11/13 08:55	02/16/13 04:43	50
Ethylbenzene	<9.1		18	9.1	ug/Kg	☼	02/11/13 08:55	02/16/13 04:43	50
Hexachlorobutadiene	<25		140	25	ug/Kg	☼	02/11/13 08:55	02/16/13 04:43	50
Isopropyl ether	<11		140	11	ug/Kg	☼	02/11/13 08:55	02/16/13 04:43	50
Isopropylbenzene	<18		140	18	ug/Kg	☼	02/11/13 08:55	02/16/13 04:43	50
Methyl tert-butyl ether	<31		140	31	ug/Kg	☼	02/11/13 08:55	02/16/13 04:43	50
Methylene Chloride	<49		360	49	ug/Kg	☼	02/11/13 08:55	02/16/13 04:43	50
Naphthalene	<36		140	36	ug/Kg	☼	02/11/13 08:55	02/16/13 04:43	50
n-Butylbenzene	<9.3		72	9.3	ug/Kg	☼	02/11/13 08:55	02/16/13 04:43	50
N-Propylbenzene	<13		140	13	ug/Kg	☼	02/11/13 08:55	02/16/13 04:43	50
p-Isopropyltoluene	<13		140	13	ug/Kg	☼	02/11/13 08:55	02/16/13 04:43	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-84 15'

Lab Sample ID: 500-54526-28

Date Collected: 02/11/13 08:55

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 85.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<11		72	11	ug/Kg	☼	02/11/13 08:55	02/16/13 04:43	50
Styrene	<7.1		72	7.1	ug/Kg	☼	02/11/13 08:55	02/16/13 04:43	50
tert-Butylbenzene	<9.8		72	9.8	ug/Kg	☼	02/11/13 08:55	02/16/13 04:43	50
Tetrachloroethene	<12		72	12	ug/Kg	☼	02/11/13 08:55	02/16/13 04:43	50
Toluene	<8.3		18	8.3	ug/Kg	☼	02/11/13 08:55	02/16/13 04:43	50
trans-1,2-Dichloroethene	<18		72	18	ug/Kg	☼	02/11/13 08:55	02/16/13 04:43	50
trans-1,3-Dichloropropene	<15		72	15	ug/Kg	☼	02/11/13 08:55	02/16/13 04:43	50
Trichloroethene	<13		36	13	ug/Kg	☼	02/11/13 08:55	02/16/13 04:43	50
Trichlorofluoromethane	<30		140	30	ug/Kg	☼	02/11/13 08:55	02/16/13 04:43	50
Vinyl chloride	<7.5		18	7.5	ug/Kg	☼	02/11/13 08:55	02/16/13 04:43	50
Xylenes, Total	<4.9		36	4.9	ug/Kg	☼	02/11/13 08:55	02/16/13 04:43	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		75 - 125				02/11/13 08:55	02/16/13 04:43	50
4-Bromofluorobenzene (Surr)	93		75 - 120				02/11/13 08:55	02/16/13 04:43	50
Dibromofluoromethane	96		75 - 120				02/11/13 08:55	02/16/13 04:43	50
Toluene-d8 (Surr)	91		75 - 120				02/11/13 08:55	02/16/13 04:43	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<19		38	19	ug/Kg	☼	02/13/13 18:18	02/26/13 20:37	1
2-Methylnaphthalene	<50		190	50	ug/Kg	☼	02/13/13 18:18	02/26/13 20:37	1
Acenaphthene	<11		38	11	ug/Kg	☼	02/13/13 18:18	02/26/13 20:37	1
Acenaphthylene	<8.8		38	8.8	ug/Kg	☼	02/13/13 18:18	02/26/13 20:37	1
Anthracene	<9.0		38	9.0	ug/Kg	☼	02/13/13 18:18	02/26/13 20:37	1
Benzo[a]anthracene	<8.0		38	8.0	ug/Kg	☼	02/13/13 18:18	02/26/13 20:37	1
Benzo[a]pyrene	<7.0		38	7.0	ug/Kg	☼	02/13/13 18:18	02/26/13 20:37	1
Benzo[b]fluoranthene	<7.5		38	7.5	ug/Kg	☼	02/13/13 18:18	02/26/13 20:37	1
Benzo[g,h,i]perylene	<13		38	13	ug/Kg	☼	02/13/13 18:18	02/26/13 20:37	1
Benzo[k]fluoranthene	<9.2		38	9.2	ug/Kg	☼	02/13/13 18:18	02/26/13 20:37	1
Chrysene	14	J	38	8.7	ug/Kg	☼	02/13/13 18:18	02/26/13 20:37	1
Dibenz(a,h)anthracene	<11		38	11	ug/Kg	☼	02/13/13 18:18	02/26/13 20:37	1
Fluoranthene	<16		38	16	ug/Kg	☼	02/13/13 18:18	02/26/13 20:37	1
Fluorene	<8.7		38	8.7	ug/Kg	☼	02/13/13 18:18	02/26/13 20:37	1
Indeno[1,2,3-cd]pyrene	<13		38	13	ug/Kg	☼	02/13/13 18:18	02/26/13 20:37	1
Naphthalene	<7.4		38	7.4	ug/Kg	☼	02/13/13 18:18	02/26/13 20:37	1
Phenanthrene	<16		38	16	ug/Kg	☼	02/13/13 18:18	02/26/13 20:37	1
Pyrene	14	J	38	14	ug/Kg	☼	02/13/13 18:18	02/26/13 20:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	65		30 - 119				02/13/13 18:18	02/26/13 20:37	1
Nitrobenzene-d5 (Surr)	61		30 - 115				02/13/13 18:18	02/26/13 20:37	1
Terphenyl-d14 (Surr)	83		36 - 134				02/13/13 18:18	02/26/13 20:37	1

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-86 15'

Lab Sample ID: 500-54526-29

Date Collected: 02/11/13 10:30

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 83.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<30		180	30	ug/Kg	*	02/11/13 10:30	02/19/13 14:20	50
1,1,1-Trichloroethane	<18		88	18	ug/Kg	*	02/11/13 10:30	02/19/13 14:20	50
1,1,2,2-Tetrachloroethane	<21		88	21	ug/Kg	*	02/11/13 10:30	02/19/13 14:20	50
1,1,2-Trichloroethane	<25		88	25	ug/Kg	*	02/11/13 10:30	02/19/13 14:20	50
1,1-Dichloroethane	<16		88	16	ug/Kg	*	02/11/13 10:30	02/19/13 14:20	50
1,1-Dichloroethene	<27		88	27	ug/Kg	*	02/11/13 10:30	02/19/13 14:20	50
1,1-Dichloropropene	<30		88	30	ug/Kg	*	02/11/13 10:30	02/19/13 14:20	50
1,2,3-Trichlorobenzene	<31		180	31	ug/Kg	*	02/11/13 10:30	02/19/13 14:20	50
1,2,3-Trichloropropane	<50		180	50	ug/Kg	*	02/11/13 10:30	02/19/13 14:20	50
1,2,4-Trichlorobenzene	<33		180	33	ug/Kg	*	02/11/13 10:30	02/19/13 14:20	50
1,2,4-Trimethylbenzene	<19		180	19	ug/Kg	*	02/11/13 10:30	02/19/13 14:20	50
1,2-Dibromo-3-Chloropropane	<77		180	77	ug/Kg	*	02/11/13 10:30	02/19/13 14:20	50
1,2-Dibromoethane	<28		180	28	ug/Kg	*	02/11/13 10:30	02/19/13 14:20	50
1,2-Dichlorobenzene	<18		180	18	ug/Kg	*	02/11/13 10:30	02/19/13 14:20	50
1,2-Dichloroethane	<25		88	25	ug/Kg	*	02/11/13 10:30	02/19/13 14:20	50
1,2-Dichloropropane	<17		88	17	ug/Kg	*	02/11/13 10:30	02/19/13 14:20	50
1,3,5-Trimethylbenzene	<18		180	18	ug/Kg	*	02/11/13 10:30	02/19/13 14:20	50
1,3-Dichlorobenzene	<23		180	23	ug/Kg	*	02/11/13 10:30	02/19/13 14:20	50
1,3-Dichloropropane	<12		88	12	ug/Kg	*	02/11/13 10:30	02/19/13 14:20	50
1,4-Dichlorobenzene	<15		180	15	ug/Kg	*	02/11/13 10:30	02/19/13 14:20	50
2,2-Dichloropropane	<28		88	28	ug/Kg	*	02/11/13 10:30	02/19/13 14:20	50
2-Chlorotoluene	<18		88	18	ug/Kg	*	02/11/13 10:30	02/19/13 14:20	50
4-Chlorotoluene	<17		88	17	ug/Kg	*	02/11/13 10:30	02/19/13 14:20	50
Benzene	<6.5		22	6.5	ug/Kg	*	02/11/13 10:30	02/19/13 14:20	50
Bromobenzene	<37		180	37	ug/Kg	*	02/11/13 10:30	02/19/13 14:20	50
Bromochloromethane	<33		180	33	ug/Kg	*	02/11/13 10:30	02/19/13 14:20	50
Bromodichloromethane	<30		180	30	ug/Kg	*	02/11/13 10:30	02/19/13 14:20	50
Bromoform	<39		180	39	ug/Kg	*	02/11/13 10:30	02/19/13 14:20	50
Bromomethane	<60		180	60	ug/Kg	*	02/11/13 10:30	02/19/13 14:20	50
Carbon tetrachloride	<23		88	23	ug/Kg	*	02/11/13 10:30	02/19/13 14:20	50
Chlorobenzene	<13		88	13	ug/Kg	*	02/11/13 10:30	02/19/13 14:20	50
Chloroethane	<38		180	38	ug/Kg	*	02/11/13 10:30	02/19/13 14:20	50
Chloroform	<18		88	18	ug/Kg	*	02/11/13 10:30	02/19/13 14:20	50
Chloromethane	<41		180	41	ug/Kg	*	02/11/13 10:30	02/19/13 14:20	50
cis-1,2-Dichloroethene	<11		88	11	ug/Kg	*	02/11/13 10:30	02/19/13 14:20	50
cis-1,3-Dichloropropene	<16		88	16	ug/Kg	*	02/11/13 10:30	02/19/13 14:20	50
Dibromochloromethane	<30		180	30	ug/Kg	*	02/11/13 10:30	02/19/13 14:20	50
Dibromomethane	<42		180	42	ug/Kg	*	02/11/13 10:30	02/19/13 14:20	50
Dichlorodifluoromethane	<45		180	45	ug/Kg	*	02/11/13 10:30	02/19/13 14:20	50
Ethylbenzene	<11		22	11	ug/Kg	*	02/11/13 10:30	02/19/13 14:20	50
Hexachlorobutadiene	<30		180	30	ug/Kg	*	02/11/13 10:30	02/19/13 14:20	50
Isopropyl ether	<13		180	13	ug/Kg	*	02/11/13 10:30	02/19/13 14:20	50
Isopropylbenzene	<22		180	22	ug/Kg	*	02/11/13 10:30	02/19/13 14:20	50
Methyl tert-butyl ether	<38		180	38	ug/Kg	*	02/11/13 10:30	02/19/13 14:20	50
Methylene Chloride	<60		440	60	ug/Kg	*	02/11/13 10:30	02/19/13 14:20	50
Naphthalene	<43		180	43	ug/Kg	*	02/11/13 10:30	02/19/13 14:20	50
n-Butylbenzene	<11		88	11	ug/Kg	*	02/11/13 10:30	02/19/13 14:20	50
N-Propylbenzene	<15		180	15	ug/Kg	*	02/11/13 10:30	02/19/13 14:20	50
p-Isopropyltoluene	<16		180	16	ug/Kg	*	02/11/13 10:30	02/19/13 14:20	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-86 15'

Lab Sample ID: 500-54526-29

Date Collected: 02/11/13 10:30

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 83.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<14		88	14	ug/Kg	☼	02/11/13 10:30	02/19/13 14:20	50
Styrene	<8.7		88	8.7	ug/Kg	☼	02/11/13 10:30	02/19/13 14:20	50
tert-Butylbenzene	<12		88	12	ug/Kg	☼	02/11/13 10:30	02/19/13 14:20	50
Tetrachloroethene	<15		88	15	ug/Kg	☼	02/11/13 10:30	02/19/13 14:20	50
Toluene	<10		22	10	ug/Kg	☼	02/11/13 10:30	02/19/13 14:20	50
trans-1,2-Dichloroethene	<22		88	22	ug/Kg	☼	02/11/13 10:30	02/19/13 14:20	50
trans-1,3-Dichloropropene	<18		88	18	ug/Kg	☼	02/11/13 10:30	02/19/13 14:20	50
Trichloroethene	<16		44	16	ug/Kg	☼	02/11/13 10:30	02/19/13 14:20	50
Trichlorofluoromethane	<37		180	37	ug/Kg	☼	02/11/13 10:30	02/19/13 14:20	50
Vinyl chloride	<9.1		22	9.1	ug/Kg	☼	02/11/13 10:30	02/19/13 14:20	50
Xylenes, Total	<6.0		44	6.0	ug/Kg	☼	02/11/13 10:30	02/19/13 14:20	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		75 - 125				02/11/13 10:30	02/19/13 14:20	50
4-Bromofluorobenzene (Surr)	95		75 - 120				02/11/13 10:30	02/19/13 14:20	50
Dibromofluoromethane	89		75 - 120				02/11/13 10:30	02/19/13 14:20	50
Toluene-d8 (Surr)	93		75 - 120				02/11/13 10:30	02/19/13 14:20	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<19		38	19	ug/Kg	☼	02/13/13 18:18	02/26/13 21:01	1
2-Methylnaphthalene	<50		190	50	ug/Kg	☼	02/13/13 18:18	02/26/13 21:01	1
Acenaphthene	<12		38	12	ug/Kg	☼	02/13/13 18:18	02/26/13 21:01	1
Acenaphthylene	<8.8		38	8.8	ug/Kg	☼	02/13/13 18:18	02/26/13 21:01	1
Anthracene	130		38	9.1	ug/Kg	☼	02/13/13 18:18	02/26/13 21:01	1
Benzo[a]anthracene	39		38	8.1	ug/Kg	☼	02/13/13 18:18	02/26/13 21:01	1
Benzo[a]pyrene	24 J		38	7.0	ug/Kg	☼	02/13/13 18:18	02/26/13 21:01	1
Benzo[b]fluoranthene	34 J		38	7.5	ug/Kg	☼	02/13/13 18:18	02/26/13 21:01	1
Benzo[g,h,i]perylene	<13		38	13	ug/Kg	☼	02/13/13 18:18	02/26/13 21:01	1
Benzo[k]fluoranthene	18 J		38	9.2	ug/Kg	☼	02/13/13 18:18	02/26/13 21:01	1
Chrysene	61		38	8.7	ug/Kg	☼	02/13/13 18:18	02/26/13 21:01	1
Dibenz(a,h)anthracene	<11		38	11	ug/Kg	☼	02/13/13 18:18	02/26/13 21:01	1
Fluoranthene	160		38	16	ug/Kg	☼	02/13/13 18:18	02/26/13 21:01	1
Fluorene	34 J		38	8.8	ug/Kg	☼	02/13/13 18:18	02/26/13 21:01	1
Indeno[1,2,3-cd]pyrene	<13		38	13	ug/Kg	☼	02/13/13 18:18	02/26/13 21:01	1
Naphthalene	8.1 J		38	7.4	ug/Kg	☼	02/13/13 18:18	02/26/13 21:01	1
Phenanthrene	220		38	16	ug/Kg	☼	02/13/13 18:18	02/26/13 21:01	1
Pyrene	110		38	14	ug/Kg	☼	02/13/13 18:18	02/26/13 21:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	42		30 - 119				02/13/13 18:18	02/26/13 21:01	1
Nitrobenzene-d5 (Surr)	39		30 - 115				02/13/13 18:18	02/26/13 21:01	1
Terphenyl-d14 (Surr)	59		36 - 134				02/13/13 18:18	02/26/13 21:01	1

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-87 15'

Lab Sample ID: 500-54526-30

Date Collected: 02/11/13 11:30

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 81.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<120		690	120	ug/Kg	*	02/11/13 11:30	02/19/13 17:21	200
1,1,1-Trichloroethane	<69		350	69	ug/Kg	*	02/11/13 11:30	02/19/13 17:21	200
1,1,1,2,2-Tetrachloroethane	<81		350	81	ug/Kg	*	02/11/13 11:30	02/19/13 17:21	200
1,1,2-Trichloroethane	<96		350	96	ug/Kg	*	02/11/13 11:30	02/19/13 17:21	200
1,1-Dichloroethane	<64		350	64	ug/Kg	*	02/11/13 11:30	02/19/13 17:21	200
1,1-Dichloroethene	<110		350	110	ug/Kg	*	02/11/13 11:30	02/19/13 17:21	200
1,1-Dichloropropene	<120		350	120	ug/Kg	*	02/11/13 11:30	02/19/13 17:21	200
1,2,3-Trichlorobenzene	<120		690	120	ug/Kg	*	02/11/13 11:30	02/19/13 17:21	200
1,2,3-Trichloropropane	<200		690	200	ug/Kg	*	02/11/13 11:30	02/19/13 17:21	200
1,2,4-Trichlorobenzene	<130		690	130	ug/Kg	*	02/11/13 11:30	02/19/13 17:21	200
1,2,4-Trimethylbenzene	14000		690	73	ug/Kg	*	02/11/13 11:30	02/19/13 17:21	200
1,2-Dibromo-3-Chloropropane	<300		690	300	ug/Kg	*	02/11/13 11:30	02/19/13 17:21	200
1,2-Dibromoethane	<110		690	110	ug/Kg	*	02/11/13 11:30	02/19/13 17:21	200
1,2-Dichlorobenzene	<71		690	71	ug/Kg	*	02/11/13 11:30	02/19/13 17:21	200
1,2-Dichloroethane	<98		350	98	ug/Kg	*	02/11/13 11:30	02/19/13 17:21	200
1,2-Dichloropropane	<68		350	68	ug/Kg	*	02/11/13 11:30	02/19/13 17:21	200
1,3,5-Trimethylbenzene	7700		690	71	ug/Kg	*	02/11/13 11:30	02/19/13 17:21	200
1,3-Dichlorobenzene	<89		690	89	ug/Kg	*	02/11/13 11:30	02/19/13 17:21	200
1,3-Dichloropropane	<46		350	46	ug/Kg	*	02/11/13 11:30	02/19/13 17:21	200
1,4-Dichlorobenzene	<60		690	60	ug/Kg	*	02/11/13 11:30	02/19/13 17:21	200
2,2-Dichloropropane	<110		350	110	ug/Kg	*	02/11/13 11:30	02/19/13 17:21	200
2-Chlorotoluene	<71		350	71	ug/Kg	*	02/11/13 11:30	02/19/13 17:21	200
4-Chlorotoluene	<68		350	68	ug/Kg	*	02/11/13 11:30	02/19/13 17:21	200
Benzene	1300		86	26	ug/Kg	*	02/11/13 11:30	02/19/13 17:21	200
Bromobenzene	<150		690	150	ug/Kg	*	02/11/13 11:30	02/19/13 17:21	200
Bromochloromethane	<130		690	130	ug/Kg	*	02/11/13 11:30	02/19/13 17:21	200
Bromodichloromethane	<120		690	120	ug/Kg	*	02/11/13 11:30	02/19/13 17:21	200
Bromoform	<150		690	150	ug/Kg	*	02/11/13 11:30	02/19/13 17:21	200
Bromomethane	<240		690	240	ug/Kg	*	02/11/13 11:30	02/19/13 17:21	200
Carbon tetrachloride	<89		350	89	ug/Kg	*	02/11/13 11:30	02/19/13 17:21	200
Chlorobenzene	<49		350	49	ug/Kg	*	02/11/13 11:30	02/19/13 17:21	200
Chloroethane	<150		690	150	ug/Kg	*	02/11/13 11:30	02/19/13 17:21	200
Chloroform	<71		350	71	ug/Kg	*	02/11/13 11:30	02/19/13 17:21	200
Chloromethane	<160		690	160	ug/Kg	*	02/11/13 11:30	02/19/13 17:21	200
cis-1,2-Dichloroethene	<42		350	42	ug/Kg	*	02/11/13 11:30	02/19/13 17:21	200
cis-1,3-Dichloropropene	<61		350	61	ug/Kg	*	02/11/13 11:30	02/19/13 17:21	200
Dibromochloromethane	<120		690	120	ug/Kg	*	02/11/13 11:30	02/19/13 17:21	200
Dibromomethane	<170		690	170	ug/Kg	*	02/11/13 11:30	02/19/13 17:21	200
Dichlorodifluoromethane	<180		690	180	ug/Kg	*	02/11/13 11:30	02/19/13 17:21	200
Ethylbenzene	8100		86	43	ug/Kg	*	02/11/13 11:30	02/19/13 17:21	200
Hexachlorobutadiene	<120		690	120	ug/Kg	*	02/11/13 11:30	02/19/13 17:21	200
Isopropyl ether	<51		690	51	ug/Kg	*	02/11/13 11:30	02/19/13 17:21	200
Isopropylbenzene	960		690	87	ug/Kg	*	02/11/13 11:30	02/19/13 17:21	200
Methyl tert-butyl ether	<150		690	150	ug/Kg	*	02/11/13 11:30	02/19/13 17:21	200
Methylene Chloride	<240		1700	240	ug/Kg	*	02/11/13 11:30	02/19/13 17:21	200
n-Butylbenzene	<45		350	45	ug/Kg	*	02/11/13 11:30	02/19/13 17:21	200
N-Propylbenzene	430 J		690	60	ug/Kg	*	02/11/13 11:30	02/19/13 17:21	200
p-Isopropyltoluene	440 J		690	64	ug/Kg	*	02/11/13 11:30	02/19/13 17:21	200
sec-Butylbenzene	<53		350	53	ug/Kg	*	02/11/13 11:30	02/19/13 17:21	200

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-87 15'

Lab Sample ID: 500-54526-30

Date Collected: 02/11/13 11:30

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 81.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	670		350	34	ug/Kg	☼	02/11/13 11:30	02/19/13 17:21	200
tert-Butylbenzene	<47		350	47	ug/Kg	☼	02/11/13 11:30	02/19/13 17:21	200
Tetrachloroethene	<58		350	58	ug/Kg	☼	02/11/13 11:30	02/19/13 17:21	200
Toluene	8700		86	40	ug/Kg	☼	02/11/13 11:30	02/19/13 17:21	200
trans-1,2-Dichloroethene	<86		350	86	ug/Kg	☼	02/11/13 11:30	02/19/13 17:21	200
trans-1,3-Dichloropropene	<72		350	72	ug/Kg	☼	02/11/13 11:30	02/19/13 17:21	200
Trichloroethene	<64		170	64	ug/Kg	☼	02/11/13 11:30	02/19/13 17:21	200
Trichlorofluoromethane	<140		690	140	ug/Kg	☼	02/11/13 11:30	02/19/13 17:21	200
Vinyl chloride	<36		86	36	ug/Kg	☼	02/11/13 11:30	02/19/13 17:21	200
Xylenes, Total	33000		170	24	ug/Kg	☼	02/11/13 11:30	02/19/13 17:21	200
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		75 - 125				02/11/13 11:30	02/19/13 17:21	200
4-Bromofluorobenzene (Surr)	95		75 - 120				02/11/13 11:30	02/19/13 17:21	200
Dibromofluoromethane	96		75 - 120				02/11/13 11:30	02/19/13 17:21	200
Toluene-d8 (Surr)	93		75 - 120				02/11/13 11:30	02/19/13 17:21	200

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	100000		35000	8500	ug/Kg	☼	02/11/13 11:30	02/21/13 18:59	10000
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		75 - 125				02/11/13 11:30	02/21/13 18:59	10000
4-Bromofluorobenzene (Surr)	94		75 - 120				02/11/13 11:30	02/21/13 18:59	10000
Dibromofluoromethane	101		75 - 120				02/11/13 11:30	02/21/13 18:59	10000
Toluene-d8 (Surr)	96		75 - 120				02/11/13 11:30	02/21/13 18:59	10000

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	99000		4100	2000	ug/Kg	☼	02/13/13 18:18	02/27/13 13:31	100
2-Methylnaphthalene	200000		20000	5300	ug/Kg	☼	02/13/13 18:18	02/27/13 13:31	100
Acenaphthene	47000		4100	1200	ug/Kg	☼	02/13/13 18:18	02/27/13 13:31	100
Acenaphthylene	6500		4100	940	ug/Kg	☼	02/13/13 18:18	02/27/13 13:31	100
Anthracene	120000		4100	960	ug/Kg	☼	02/13/13 18:18	02/27/13 13:31	100
Benzo[a]anthracene	17000		4100	850	ug/Kg	☼	02/13/13 18:18	02/27/13 13:31	100
Benzo[a]pyrene	8400		4100	740	ug/Kg	☼	02/13/13 18:18	02/27/13 13:31	100
Benzo[b]fluoranthene	11000		4100	790	ug/Kg	☼	02/13/13 18:18	02/27/13 13:31	100
Benzo[g,h,i]perylene	3100 J		4100	1400	ug/Kg	☼	02/13/13 18:18	02/27/13 13:31	100
Benzo[k]fluoranthene	5800		4100	970	ug/Kg	☼	02/13/13 18:18	02/27/13 13:31	100
Chrysene	30000		4100	920	ug/Kg	☼	02/13/13 18:18	02/27/13 13:31	100
Dibenz(a,h)anthracene	1700 J		4100	1100	ug/Kg	☼	02/13/13 18:18	02/27/13 13:31	100
Fluoranthene	61000		4100	1700	ug/Kg	☼	02/13/13 18:18	02/27/13 13:31	100
Fluorene	51000		4100	930	ug/Kg	☼	02/13/13 18:18	02/27/13 13:31	100
Indeno[1,2,3-cd]pyrene	3700 J		4100	1400	ug/Kg	☼	02/13/13 18:18	02/27/13 13:31	100
Phenanthrene	120000		4100	1700	ug/Kg	☼	02/13/13 18:18	02/27/13 13:31	100
Pyrene	45000		4100	1500	ug/Kg	☼	02/13/13 18:18	02/27/13 13:31	100
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	0	D	30 - 119				02/13/13 18:18	02/27/13 13:31	100
Nitrobenzene-d5 (Surr)	0	D	30 - 115				02/13/13 18:18	02/27/13 13:31	100
Terphenyl-d14 (Surr)	0	D	36 - 134				02/13/13 18:18	02/27/13 13:31	100

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-87 15'

Lab Sample ID: 500-54526-30

Date Collected: 02/11/13 11:30

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 81.0

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	2500000		41000	7900	ug/Kg	☼	02/13/13 18:18	02/27/13 16:15	1000

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-87 30'

Lab Sample ID: 500-54526-31

Date Collected: 02/11/13 12:15

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 82.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<29		170	29	ug/Kg	*	02/11/13 12:15	02/19/13 14:43	50
1,1,1-Trichloroethane	<17		85	17	ug/Kg	*	02/11/13 12:15	02/19/13 14:43	50
1,1,2,2-Tetrachloroethane	<20		85	20	ug/Kg	*	02/11/13 12:15	02/19/13 14:43	50
1,1,2-Trichloroethane	<24		85	24	ug/Kg	*	02/11/13 12:15	02/19/13 14:43	50
1,1-Dichloroethane	<16		85	16	ug/Kg	*	02/11/13 12:15	02/19/13 14:43	50
1,1-Dichloroethene	<26		85	26	ug/Kg	*	02/11/13 12:15	02/19/13 14:43	50
1,1-Dichloropropene	<29		85	29	ug/Kg	*	02/11/13 12:15	02/19/13 14:43	50
1,2,3-Trichlorobenzene	<30		170	30	ug/Kg	*	02/11/13 12:15	02/19/13 14:43	50
1,2,3-Trichloropropane	<49		170	49	ug/Kg	*	02/11/13 12:15	02/19/13 14:43	50
1,2,4-Trichlorobenzene	<32		170	32	ug/Kg	*	02/11/13 12:15	02/19/13 14:43	50
1,2,4-Trimethylbenzene	<18		170	18	ug/Kg	*	02/11/13 12:15	02/19/13 14:43	50
1,2-Dibromo-3-Chloropropane	<74		170	74	ug/Kg	*	02/11/13 12:15	02/19/13 14:43	50
1,2-Dibromoethane	<27		170	27	ug/Kg	*	02/11/13 12:15	02/19/13 14:43	50
1,2-Dichlorobenzene	<17		170	17	ug/Kg	*	02/11/13 12:15	02/19/13 14:43	50
1,2-Dichloroethane	<24		85	24	ug/Kg	*	02/11/13 12:15	02/19/13 14:43	50
1,2-Dichloropropane	<17		85	17	ug/Kg	*	02/11/13 12:15	02/19/13 14:43	50
1,3,5-Trimethylbenzene	<18		170	18	ug/Kg	*	02/11/13 12:15	02/19/13 14:43	50
1,3-Dichlorobenzene	<22		170	22	ug/Kg	*	02/11/13 12:15	02/19/13 14:43	50
1,3-Dichloropropane	<11		85	11	ug/Kg	*	02/11/13 12:15	02/19/13 14:43	50
1,4-Dichlorobenzene	<15		170	15	ug/Kg	*	02/11/13 12:15	02/19/13 14:43	50
2,2-Dichloropropane	<27		85	27	ug/Kg	*	02/11/13 12:15	02/19/13 14:43	50
2-Chlorotoluene	<18		85	18	ug/Kg	*	02/11/13 12:15	02/19/13 14:43	50
4-Chlorotoluene	<17		85	17	ug/Kg	*	02/11/13 12:15	02/19/13 14:43	50
Benzene	<6.3		21	6.3	ug/Kg	*	02/11/13 12:15	02/19/13 14:43	50
Bromobenzene	<36		170	36	ug/Kg	*	02/11/13 12:15	02/19/13 14:43	50
Bromochloromethane	<32		170	32	ug/Kg	*	02/11/13 12:15	02/19/13 14:43	50
Bromodichloromethane	<29		170	29	ug/Kg	*	02/11/13 12:15	02/19/13 14:43	50
Bromoform	<38		170	38	ug/Kg	*	02/11/13 12:15	02/19/13 14:43	50
Bromomethane	<58		170	58	ug/Kg	*	02/11/13 12:15	02/19/13 14:43	50
Carbon tetrachloride	<22		85	22	ug/Kg	*	02/11/13 12:15	02/19/13 14:43	50
Chlorobenzene	<12		85	12	ug/Kg	*	02/11/13 12:15	02/19/13 14:43	50
Chloroethane	<37		170	37	ug/Kg	*	02/11/13 12:15	02/19/13 14:43	50
Chloroform	<17		85	17	ug/Kg	*	02/11/13 12:15	02/19/13 14:43	50
Chloromethane	<39		170	39	ug/Kg	*	02/11/13 12:15	02/19/13 14:43	50
cis-1,2-Dichloroethene	<10		85	10	ug/Kg	*	02/11/13 12:15	02/19/13 14:43	50
cis-1,3-Dichloropropene	<15		85	15	ug/Kg	*	02/11/13 12:15	02/19/13 14:43	50
Dibromochloromethane	<29		170	29	ug/Kg	*	02/11/13 12:15	02/19/13 14:43	50
Dibromomethane	<41		170	41	ug/Kg	*	02/11/13 12:15	02/19/13 14:43	50
Dichlorodifluoromethane	<44		170	44	ug/Kg	*	02/11/13 12:15	02/19/13 14:43	50
Ethylbenzene	<11		21	11	ug/Kg	*	02/11/13 12:15	02/19/13 14:43	50
Hexachlorobutadiene	<29		170	29	ug/Kg	*	02/11/13 12:15	02/19/13 14:43	50
Isopropyl ether	<13		170	13	ug/Kg	*	02/11/13 12:15	02/19/13 14:43	50
Isopropylbenzene	<21		170	21	ug/Kg	*	02/11/13 12:15	02/19/13 14:43	50
Methyl tert-butyl ether	<37		170	37	ug/Kg	*	02/11/13 12:15	02/19/13 14:43	50
Methylene Chloride	<58		430	58	ug/Kg	*	02/11/13 12:15	02/19/13 14:43	50
Naphthalene	<42		170	42	ug/Kg	*	02/11/13 12:15	02/19/13 14:43	50
n-Butylbenzene	<11		85	11	ug/Kg	*	02/11/13 12:15	02/19/13 14:43	50
N-Propylbenzene	<15		170	15	ug/Kg	*	02/11/13 12:15	02/19/13 14:43	50
p-Isopropyltoluene	<16		170	16	ug/Kg	*	02/11/13 12:15	02/19/13 14:43	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-87 30'

Lab Sample ID: 500-54526-31

Date Collected: 02/11/13 12:15

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 82.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<13		85	13	ug/Kg	☼	02/11/13 12:15	02/19/13 14:43	50
Styrene	<8.4		85	8.4	ug/Kg	☼	02/11/13 12:15	02/19/13 14:43	50
tert-Butylbenzene	<12		85	12	ug/Kg	☼	02/11/13 12:15	02/19/13 14:43	50
Tetrachloroethene	<14		85	14	ug/Kg	☼	02/11/13 12:15	02/19/13 14:43	50
Toluene	<9.8		21	9.8	ug/Kg	☼	02/11/13 12:15	02/19/13 14:43	50
trans-1,2-Dichloroethene	<21		85	21	ug/Kg	☼	02/11/13 12:15	02/19/13 14:43	50
trans-1,3-Dichloropropene	<18		85	18	ug/Kg	☼	02/11/13 12:15	02/19/13 14:43	50
Trichloroethene	<16		43	16	ug/Kg	☼	02/11/13 12:15	02/19/13 14:43	50
Trichlorofluoromethane	<35		170	35	ug/Kg	☼	02/11/13 12:15	02/19/13 14:43	50
Vinyl chloride	<8.9		21	8.9	ug/Kg	☼	02/11/13 12:15	02/19/13 14:43	50
Xylenes, Total	<5.8		43	5.8	ug/Kg	☼	02/11/13 12:15	02/19/13 14:43	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		75 - 125				02/11/13 12:15	02/19/13 14:43	50
4-Bromofluorobenzene (Surr)	95		75 - 120				02/11/13 12:15	02/19/13 14:43	50
Dibromofluoromethane	90		75 - 120				02/11/13 12:15	02/19/13 14:43	50
Toluene-d8 (Surr)	89		75 - 120				02/11/13 12:15	02/19/13 14:43	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<19		37	19	ug/Kg	☼	02/13/13 18:18	02/27/13 13:55	1
2-Methylnaphthalene	<49		190	49	ug/Kg	☼	02/13/13 18:18	02/27/13 13:55	1
Acenaphthene	<11		37	11	ug/Kg	☼	02/13/13 18:18	02/27/13 13:55	1
Acenaphthylene	<8.7		37	8.7	ug/Kg	☼	02/13/13 18:18	02/27/13 13:55	1
Anthracene	<8.9		37	8.9	ug/Kg	☼	02/13/13 18:18	02/27/13 13:55	1
Benzo[a]anthracene	10	J	37	7.9	ug/Kg	☼	02/13/13 18:18	02/27/13 13:55	1
Benzo[a]pyrene	8.7	J	37	6.9	ug/Kg	☼	02/13/13 18:18	02/27/13 13:55	1
Benzo[b]fluoranthene	12	J	37	7.3	ug/Kg	☼	02/13/13 18:18	02/27/13 13:55	1
Benzo[g,h,i]perylene	14	J	37	13	ug/Kg	☼	02/13/13 18:18	02/27/13 13:55	1
Benzo[k]fluoranthene	<9.0		37	9.0	ug/Kg	☼	02/13/13 18:18	02/27/13 13:55	1
Chrysene	19	J	37	8.5	ug/Kg	☼	02/13/13 18:18	02/27/13 13:55	1
Dibenz(a,h)anthracene	<11		37	11	ug/Kg	☼	02/13/13 18:18	02/27/13 13:55	1
Fluoranthene	24	J	37	15	ug/Kg	☼	02/13/13 18:18	02/27/13 13:55	1
Fluorene	<8.6		37	8.6	ug/Kg	☼	02/13/13 18:18	02/27/13 13:55	1
Indeno[1,2,3-cd]pyrene	<13		37	13	ug/Kg	☼	02/13/13 18:18	02/27/13 13:55	1
Naphthalene	50		37	7.3	ug/Kg	☼	02/13/13 18:18	02/27/13 13:55	1
Phenanthrene	26	J	37	16	ug/Kg	☼	02/13/13 18:18	02/27/13 13:55	1
Pyrene	21	J	37	14	ug/Kg	☼	02/13/13 18:18	02/27/13 13:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	58		30 - 119				02/13/13 18:18	02/27/13 13:55	1
Nitrobenzene-d5 (Surr)	52		30 - 115				02/13/13 18:18	02/27/13 13:55	1
Terphenyl-d14 (Surr)	71		36 - 134				02/13/13 18:18	02/27/13 13:55	1

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-81 15'

Lab Sample ID: 500-54526-32

Date Collected: 02/11/13 12:40

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 83.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<30		170	30	ug/Kg	*	02/11/13 12:40	02/19/13 15:06	50
1,1,1-Trichloroethane	<17		87	17	ug/Kg	*	02/11/13 12:40	02/19/13 15:06	50
1,1,2,2-Tetrachloroethane	<20		87	20	ug/Kg	*	02/11/13 12:40	02/19/13 15:06	50
1,1,2-Trichloroethane	<24		87	24	ug/Kg	*	02/11/13 12:40	02/19/13 15:06	50
1,1-Dichloroethane	<16		87	16	ug/Kg	*	02/11/13 12:40	02/19/13 15:06	50
1,1-Dichloroethene	<27		87	27	ug/Kg	*	02/11/13 12:40	02/19/13 15:06	50
1,1-Dichloropropene	<30		87	30	ug/Kg	*	02/11/13 12:40	02/19/13 15:06	50
1,2,3-Trichlorobenzene	<30		170	30	ug/Kg	*	02/11/13 12:40	02/19/13 15:06	50
1,2,3-Trichloropropane	<50		170	50	ug/Kg	*	02/11/13 12:40	02/19/13 15:06	50
1,2,4-Trichlorobenzene	<33		170	33	ug/Kg	*	02/11/13 12:40	02/19/13 15:06	50
1,2,4-Trimethylbenzene	<18		170	18	ug/Kg	*	02/11/13 12:40	02/19/13 15:06	50
1,2-Dibromo-3-Chloropropane	<75		170	75	ug/Kg	*	02/11/13 12:40	02/19/13 15:06	50
1,2-Dibromoethane	<27		170	27	ug/Kg	*	02/11/13 12:40	02/19/13 15:06	50
1,2-Dichlorobenzene	<18		170	18	ug/Kg	*	02/11/13 12:40	02/19/13 15:06	50
1,2-Dichloroethane	<25		87	25	ug/Kg	*	02/11/13 12:40	02/19/13 15:06	50
1,2-Dichloropropane	<17		87	17	ug/Kg	*	02/11/13 12:40	02/19/13 15:06	50
1,3,5-Trimethylbenzene	47	J	170	18	ug/Kg	*	02/11/13 12:40	02/19/13 15:06	50
1,3-Dichlorobenzene	<22		170	22	ug/Kg	*	02/11/13 12:40	02/19/13 15:06	50
1,3-Dichloropropane	<12		87	12	ug/Kg	*	02/11/13 12:40	02/19/13 15:06	50
1,4-Dichlorobenzene	<15		170	15	ug/Kg	*	02/11/13 12:40	02/19/13 15:06	50
2,2-Dichloropropane	<27		87	27	ug/Kg	*	02/11/13 12:40	02/19/13 15:06	50
2-Chlorotoluene	<18		87	18	ug/Kg	*	02/11/13 12:40	02/19/13 15:06	50
4-Chlorotoluene	<17		87	17	ug/Kg	*	02/11/13 12:40	02/19/13 15:06	50
Benzene	<6.4		22	6.4	ug/Kg	*	02/11/13 12:40	02/19/13 15:06	50
Bromobenzene	<37		170	37	ug/Kg	*	02/11/13 12:40	02/19/13 15:06	50
Bromochloromethane	<33		170	33	ug/Kg	*	02/11/13 12:40	02/19/13 15:06	50
Bromodichloromethane	<29		170	29	ug/Kg	*	02/11/13 12:40	02/19/13 15:06	50
Bromoform	<38		170	38	ug/Kg	*	02/11/13 12:40	02/19/13 15:06	50
Bromomethane	<59		170	59	ug/Kg	*	02/11/13 12:40	02/19/13 15:06	50
Carbon tetrachloride	<22		87	22	ug/Kg	*	02/11/13 12:40	02/19/13 15:06	50
Chlorobenzene	<12		87	12	ug/Kg	*	02/11/13 12:40	02/19/13 15:06	50
Chloroethane	<38		170	38	ug/Kg	*	02/11/13 12:40	02/19/13 15:06	50
Chloroform	<18		87	18	ug/Kg	*	02/11/13 12:40	02/19/13 15:06	50
Chloromethane	<40		170	40	ug/Kg	*	02/11/13 12:40	02/19/13 15:06	50
cis-1,2-Dichloroethene	<11		87	11	ug/Kg	*	02/11/13 12:40	02/19/13 15:06	50
cis-1,3-Dichloropropene	<15		87	15	ug/Kg	*	02/11/13 12:40	02/19/13 15:06	50
Dibromochloromethane	<30		170	30	ug/Kg	*	02/11/13 12:40	02/19/13 15:06	50
Dibromomethane	<42		170	42	ug/Kg	*	02/11/13 12:40	02/19/13 15:06	50
Dichlorodifluoromethane	<44		170	44	ug/Kg	*	02/11/13 12:40	02/19/13 15:06	50
Ethylbenzene	440		22	11	ug/Kg	*	02/11/13 12:40	02/19/13 15:06	50
Hexachlorobutadiene	<30		170	30	ug/Kg	*	02/11/13 12:40	02/19/13 15:06	50
Isopropyl ether	<13		170	13	ug/Kg	*	02/11/13 12:40	02/19/13 15:06	50
Isopropylbenzene	240		170	22	ug/Kg	*	02/11/13 12:40	02/19/13 15:06	50
Methyl tert-butyl ether	<37		170	37	ug/Kg	*	02/11/13 12:40	02/19/13 15:06	50
Methylene Chloride	<59		430	59	ug/Kg	*	02/11/13 12:40	02/19/13 15:06	50
Naphthalene	<43		170	43	ug/Kg	*	02/11/13 12:40	02/19/13 15:06	50
n-Butylbenzene	<11		87	11	ug/Kg	*	02/11/13 12:40	02/19/13 15:06	50
N-Propylbenzene	<15		170	15	ug/Kg	*	02/11/13 12:40	02/19/13 15:06	50
p-Isopropyltoluene	<16		170	16	ug/Kg	*	02/11/13 12:40	02/19/13 15:06	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-81 15'

Lab Sample ID: 500-54526-32

Date Collected: 02/11/13 12:40

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 83.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<13		87	13	ug/Kg	☼	02/11/13 12:40	02/19/13 15:06	50
Styrene	<8.6		87	8.6	ug/Kg	☼	02/11/13 12:40	02/19/13 15:06	50
tert-Butylbenzene	<12		87	12	ug/Kg	☼	02/11/13 12:40	02/19/13 15:06	50
Tetrachloroethene	<14		87	14	ug/Kg	☼	02/11/13 12:40	02/19/13 15:06	50
Toluene	<10		22	10	ug/Kg	☼	02/11/13 12:40	02/19/13 15:06	50
trans-1,2-Dichloroethene	<22		87	22	ug/Kg	☼	02/11/13 12:40	02/19/13 15:06	50
trans-1,3-Dichloropropene	<18		87	18	ug/Kg	☼	02/11/13 12:40	02/19/13 15:06	50
Trichloroethene	<16		43	16	ug/Kg	☼	02/11/13 12:40	02/19/13 15:06	50
Trichlorofluoromethane	<36		170	36	ug/Kg	☼	02/11/13 12:40	02/19/13 15:06	50
Vinyl chloride	<9.0		22	9.0	ug/Kg	☼	02/11/13 12:40	02/19/13 15:06	50
Xylenes, Total	<5.9		43	5.9	ug/Kg	☼	02/11/13 12:40	02/19/13 15:06	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		75 - 125				02/11/13 12:40	02/19/13 15:06	50
4-Bromofluorobenzene (Surr)	97		75 - 120				02/11/13 12:40	02/19/13 15:06	50
Dibromofluoromethane	92		75 - 120				02/11/13 12:40	02/19/13 15:06	50
Toluene-d8 (Surr)	91		75 - 120				02/11/13 12:40	02/19/13 15:06	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	160	J	200	52	ug/Kg	☼	02/13/13 18:18	02/27/13 14:18	1
Acenaphthylene	190		39	9.1	ug/Kg	☼	02/13/13 18:18	02/27/13 14:18	1
Anthracene	410		39	9.3	ug/Kg	☼	02/13/13 18:18	02/27/13 14:18	1
Benzo[a]anthracene	<8.3		39	8.3	ug/Kg	☼	02/13/13 18:18	02/27/13 14:18	1
Benzo[a]pyrene	<7.2		39	7.2	ug/Kg	☼	02/13/13 18:18	02/27/13 14:18	1
Benzo[b]fluoranthene	<7.7		39	7.7	ug/Kg	☼	02/13/13 18:18	02/27/13 14:18	1
Benzo[g,h,i]perylene	<13		39	13	ug/Kg	☼	02/13/13 18:18	02/27/13 14:18	1
Benzo[k]fluoranthene	<9.5		39	9.5	ug/Kg	☼	02/13/13 18:18	02/27/13 14:18	1
Chrysene	23	J	39	9.0	ug/Kg	☼	02/13/13 18:18	02/27/13 14:18	1
Dibenz(a,h)anthracene	<11		39	11	ug/Kg	☼	02/13/13 18:18	02/27/13 14:18	1
Fluoranthene	92		39	16	ug/Kg	☼	02/13/13 18:18	02/27/13 14:18	1
Indeno[1,2,3-cd]pyrene	<13		39	13	ug/Kg	☼	02/13/13 18:18	02/27/13 14:18	1
Naphthalene	87		39	7.7	ug/Kg	☼	02/13/13 18:18	02/27/13 14:18	1
Pyrene	37	J	39	14	ug/Kg	☼	02/13/13 18:18	02/27/13 14:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	60		30 - 119				02/13/13 18:18	02/27/13 14:18	1
Nitrobenzene-d5 (Surr)	53		30 - 115				02/13/13 18:18	02/27/13 14:18	1
Terphenyl-d14 (Surr)	68		36 - 134				02/13/13 18:18	02/27/13 14:18	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	4300		390	200	ug/Kg	☼	02/13/13 18:18	02/27/13 14:42	10
Acenaphthene	10000		390	120	ug/Kg	☼	02/13/13 18:18	02/27/13 14:42	10
Fluorene	4800		390	90	ug/Kg	☼	02/13/13 18:18	02/27/13 14:42	10
Phenanthrene	6600		390	170	ug/Kg	☼	02/13/13 18:18	02/27/13 14:42	10

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-76 15'

Lab Sample ID: 500-54526-33

Date Collected: 02/11/13 13:05

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 80.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<31		180	31	ug/Kg	*	02/11/13 13:05	02/19/13 15:29	50
1,1,1-Trichloroethane	<18		91	18	ug/Kg	*	02/11/13 13:05	02/19/13 15:29	50
1,1,2,2-Tetrachloroethane	<21		91	21	ug/Kg	*	02/11/13 13:05	02/19/13 15:29	50
1,1,2-Trichloroethane	<25		91	25	ug/Kg	*	02/11/13 13:05	02/19/13 15:29	50
1,1-Dichloroethane	<17		91	17	ug/Kg	*	02/11/13 13:05	02/19/13 15:29	50
1,1-Dichloroethene	<28		91	28	ug/Kg	*	02/11/13 13:05	02/19/13 15:29	50
1,1-Dichloropropene	<31		91	31	ug/Kg	*	02/11/13 13:05	02/19/13 15:29	50
1,2,3-Trichlorobenzene	<32		180	32	ug/Kg	*	02/11/13 13:05	02/19/13 15:29	50
1,2,3-Trichloropropane	<52		180	52	ug/Kg	*	02/11/13 13:05	02/19/13 15:29	50
1,2,4-Trichlorobenzene	<34		180	34	ug/Kg	*	02/11/13 13:05	02/19/13 15:29	50
1,2,4-Trimethylbenzene	<19		180	19	ug/Kg	*	02/11/13 13:05	02/19/13 15:29	50
1,2-Dibromo-3-Chloropropane	<79		180	79	ug/Kg	*	02/11/13 13:05	02/19/13 15:29	50
1,2-Dibromoethane	<29		180	29	ug/Kg	*	02/11/13 13:05	02/19/13 15:29	50
1,2-Dichlorobenzene	<19		180	19	ug/Kg	*	02/11/13 13:05	02/19/13 15:29	50
1,2-Dichloroethane	<26		91	26	ug/Kg	*	02/11/13 13:05	02/19/13 15:29	50
1,2-Dichloropropane	<18		91	18	ug/Kg	*	02/11/13 13:05	02/19/13 15:29	50
1,3,5-Trimethylbenzene	<19		180	19	ug/Kg	*	02/11/13 13:05	02/19/13 15:29	50
1,3-Dichlorobenzene	<23		180	23	ug/Kg	*	02/11/13 13:05	02/19/13 15:29	50
1,3-Dichloropropane	<12		91	12	ug/Kg	*	02/11/13 13:05	02/19/13 15:29	50
1,4-Dichlorobenzene	<16		180	16	ug/Kg	*	02/11/13 13:05	02/19/13 15:29	50
2,2-Dichloropropane	<29		91	29	ug/Kg	*	02/11/13 13:05	02/19/13 15:29	50
2-Chlorotoluene	<19		91	19	ug/Kg	*	02/11/13 13:05	02/19/13 15:29	50
4-Chlorotoluene	<18		91	18	ug/Kg	*	02/11/13 13:05	02/19/13 15:29	50
Benzene	<6.7		23	6.7	ug/Kg	*	02/11/13 13:05	02/19/13 15:29	50
Bromobenzene	<39		180	39	ug/Kg	*	02/11/13 13:05	02/19/13 15:29	50
Bromochloromethane	<34		180	34	ug/Kg	*	02/11/13 13:05	02/19/13 15:29	50
Bromodichloromethane	<31		180	31	ug/Kg	*	02/11/13 13:05	02/19/13 15:29	50
Bromoform	<40		180	40	ug/Kg	*	02/11/13 13:05	02/19/13 15:29	50
Bromomethane	<62		180	62	ug/Kg	*	02/11/13 13:05	02/19/13 15:29	50
Carbon tetrachloride	<23		91	23	ug/Kg	*	02/11/13 13:05	02/19/13 15:29	50
Chlorobenzene	<13		91	13	ug/Kg	*	02/11/13 13:05	02/19/13 15:29	50
Chloroethane	<40		180	40	ug/Kg	*	02/11/13 13:05	02/19/13 15:29	50
Chloroform	<19		91	19	ug/Kg	*	02/11/13 13:05	02/19/13 15:29	50
Chloromethane	<42		180	42	ug/Kg	*	02/11/13 13:05	02/19/13 15:29	50
cis-1,2-Dichloroethene	<11		91	11	ug/Kg	*	02/11/13 13:05	02/19/13 15:29	50
cis-1,3-Dichloropropene	<16		91	16	ug/Kg	*	02/11/13 13:05	02/19/13 15:29	50
Dibromochloromethane	<31		180	31	ug/Kg	*	02/11/13 13:05	02/19/13 15:29	50
Dibromomethane	<44		180	44	ug/Kg	*	02/11/13 13:05	02/19/13 15:29	50
Dichlorodifluoromethane	<47		180	47	ug/Kg	*	02/11/13 13:05	02/19/13 15:29	50
Ethylbenzene	<11		23	11	ug/Kg	*	02/11/13 13:05	02/19/13 15:29	50
Hexachlorobutadiene	<31		180	31	ug/Kg	*	02/11/13 13:05	02/19/13 15:29	50
Isopropyl ether	<13		180	13	ug/Kg	*	02/11/13 13:05	02/19/13 15:29	50
Isopropylbenzene	<23		180	23	ug/Kg	*	02/11/13 13:05	02/19/13 15:29	50
Methyl tert-butyl ether	<39		180	39	ug/Kg	*	02/11/13 13:05	02/19/13 15:29	50
Methylene Chloride	<62		450	62	ug/Kg	*	02/11/13 13:05	02/19/13 15:29	50
Naphthalene	<45		180	45	ug/Kg	*	02/11/13 13:05	02/19/13 15:29	50
n-Butylbenzene	<12		91	12	ug/Kg	*	02/11/13 13:05	02/19/13 15:29	50
N-Propylbenzene	<16		180	16	ug/Kg	*	02/11/13 13:05	02/19/13 15:29	50
p-Isopropyltoluene	<17		180	17	ug/Kg	*	02/11/13 13:05	02/19/13 15:29	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-76 15'

Lab Sample ID: 500-54526-33

Date Collected: 02/11/13 13:05

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 80.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<14		91	14	ug/Kg	☼	02/11/13 13:05	02/19/13 15:29	50
Styrene	<9.0		91	9.0	ug/Kg	☼	02/11/13 13:05	02/19/13 15:29	50
tert-Butylbenzene	<12		91	12	ug/Kg	☼	02/11/13 13:05	02/19/13 15:29	50
Tetrachloroethene	<15		91	15	ug/Kg	☼	02/11/13 13:05	02/19/13 15:29	50
Toluene	<10		23	10	ug/Kg	☼	02/11/13 13:05	02/19/13 15:29	50
trans-1,2-Dichloroethene	<23		91	23	ug/Kg	☼	02/11/13 13:05	02/19/13 15:29	50
trans-1,3-Dichloropropene	<19		91	19	ug/Kg	☼	02/11/13 13:05	02/19/13 15:29	50
Trichloroethene	<17		45	17	ug/Kg	☼	02/11/13 13:05	02/19/13 15:29	50
Trichlorofluoromethane	<38		180	38	ug/Kg	☼	02/11/13 13:05	02/19/13 15:29	50
Vinyl chloride	<9.5		23	9.5	ug/Kg	☼	02/11/13 13:05	02/19/13 15:29	50
Xylenes, Total	<6.2		45	6.2	ug/Kg	☼	02/11/13 13:05	02/19/13 15:29	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		75 - 125				02/11/13 13:05	02/19/13 15:29	50
4-Bromofluorobenzene (Surr)	93		75 - 120				02/11/13 13:05	02/19/13 15:29	50
Dibromofluoromethane	91		75 - 120				02/11/13 13:05	02/19/13 15:29	50
Toluene-d8 (Surr)	92		75 - 120				02/11/13 13:05	02/19/13 15:29	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<20		40	20	ug/Kg	☼	02/13/13 18:18	02/27/13 15:05	1
2-Methylnaphthalene	<52		200	52	ug/Kg	☼	02/13/13 18:18	02/27/13 15:05	1
Acenaphthene	<12		40	12	ug/Kg	☼	02/13/13 18:18	02/27/13 15:05	1
Acenaphthylene	<9.2		40	9.2	ug/Kg	☼	02/13/13 18:18	02/27/13 15:05	1
Anthracene	15 J		40	9.4	ug/Kg	☼	02/13/13 18:18	02/27/13 15:05	1
Benzo[a]anthracene	<8.4		40	8.4	ug/Kg	☼	02/13/13 18:18	02/27/13 15:05	1
Benzo[a]pyrene	<7.3		40	7.3	ug/Kg	☼	02/13/13 18:18	02/27/13 15:05	1
Benzo[b]fluoranthene	<7.8		40	7.8	ug/Kg	☼	02/13/13 18:18	02/27/13 15:05	1
Benzo[g,h,i]perylene	<14		40	14	ug/Kg	☼	02/13/13 18:18	02/27/13 15:05	1
Benzo[k]fluoranthene	<9.6		40	9.6	ug/Kg	☼	02/13/13 18:18	02/27/13 15:05	1
Chrysene	20 J		40	9.1	ug/Kg	☼	02/13/13 18:18	02/27/13 15:05	1
Dibenz(a,h)anthracene	<11		40	11	ug/Kg	☼	02/13/13 18:18	02/27/13 15:05	1
Fluoranthene	23 J		40	16	ug/Kg	☼	02/13/13 18:18	02/27/13 15:05	1
Fluorene	<9.1		40	9.1	ug/Kg	☼	02/13/13 18:18	02/27/13 15:05	1
Indeno[1,2,3-cd]pyrene	<14		40	14	ug/Kg	☼	02/13/13 18:18	02/27/13 15:05	1
Naphthalene	20 J		40	7.7	ug/Kg	☼	02/13/13 18:18	02/27/13 15:05	1
Phenanthrene	33 J		40	17	ug/Kg	☼	02/13/13 18:18	02/27/13 15:05	1
Pyrene	19 J		40	15	ug/Kg	☼	02/13/13 18:18	02/27/13 15:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	38		30 - 119				02/13/13 18:18	02/27/13 15:05	1
Nitrobenzene-d5 (Surr)	33		30 - 115				02/13/13 18:18	02/27/13 15:05	1
Terphenyl-d14 (Surr)	48		36 - 134				02/13/13 18:18	02/27/13 15:05	1

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-69 15'

Lab Sample ID: 500-54526-34

Date Collected: 02/11/13 14:10

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 83.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<30		170	30	ug/Kg	*	02/11/13 14:10	02/19/13 15:51	50
1,1,1-Trichloroethane	<17		87	17	ug/Kg	*	02/11/13 14:10	02/19/13 15:51	50
1,1,2,2-Tetrachloroethane	<20		87	20	ug/Kg	*	02/11/13 14:10	02/19/13 15:51	50
1,1,2-Trichloroethane	<24		87	24	ug/Kg	*	02/11/13 14:10	02/19/13 15:51	50
1,1-Dichloroethane	<16		87	16	ug/Kg	*	02/11/13 14:10	02/19/13 15:51	50
1,1-Dichloroethene	<27		87	27	ug/Kg	*	02/11/13 14:10	02/19/13 15:51	50
1,1-Dichloropropene	<30		87	30	ug/Kg	*	02/11/13 14:10	02/19/13 15:51	50
1,2,3-Trichlorobenzene	<30		170	30	ug/Kg	*	02/11/13 14:10	02/19/13 15:51	50
1,2,3-Trichloropropane	<50		170	50	ug/Kg	*	02/11/13 14:10	02/19/13 15:51	50
1,2,4-Trichlorobenzene	<33		170	33	ug/Kg	*	02/11/13 14:10	02/19/13 15:51	50
1,2,4-Trimethylbenzene	<18		170	18	ug/Kg	*	02/11/13 14:10	02/19/13 15:51	50
1,2-Dibromo-3-Chloropropane	<75		170	75	ug/Kg	*	02/11/13 14:10	02/19/13 15:51	50
1,2-Dibromoethane	<27		170	27	ug/Kg	*	02/11/13 14:10	02/19/13 15:51	50
1,2-Dichlorobenzene	<18		170	18	ug/Kg	*	02/11/13 14:10	02/19/13 15:51	50
1,2-Dichloroethane	<25		87	25	ug/Kg	*	02/11/13 14:10	02/19/13 15:51	50
1,2-Dichloropropane	<17		87	17	ug/Kg	*	02/11/13 14:10	02/19/13 15:51	50
1,3,5-Trimethylbenzene	<18		170	18	ug/Kg	*	02/11/13 14:10	02/19/13 15:51	50
1,3-Dichlorobenzene	<22		170	22	ug/Kg	*	02/11/13 14:10	02/19/13 15:51	50
1,3-Dichloropropane	<12		87	12	ug/Kg	*	02/11/13 14:10	02/19/13 15:51	50
1,4-Dichlorobenzene	<15		170	15	ug/Kg	*	02/11/13 14:10	02/19/13 15:51	50
2,2-Dichloropropane	<27		87	27	ug/Kg	*	02/11/13 14:10	02/19/13 15:51	50
2-Chlorotoluene	<18		87	18	ug/Kg	*	02/11/13 14:10	02/19/13 15:51	50
4-Chlorotoluene	<17		87	17	ug/Kg	*	02/11/13 14:10	02/19/13 15:51	50
Benzene	<6.4		22	6.4	ug/Kg	*	02/11/13 14:10	02/19/13 15:51	50
Bromobenzene	<37		170	37	ug/Kg	*	02/11/13 14:10	02/19/13 15:51	50
Bromochloromethane	<33		170	33	ug/Kg	*	02/11/13 14:10	02/19/13 15:51	50
Bromodichloromethane	<29		170	29	ug/Kg	*	02/11/13 14:10	02/19/13 15:51	50
Bromoform	<38		170	38	ug/Kg	*	02/11/13 14:10	02/19/13 15:51	50
Bromomethane	<59		170	59	ug/Kg	*	02/11/13 14:10	02/19/13 15:51	50
Carbon tetrachloride	<22		87	22	ug/Kg	*	02/11/13 14:10	02/19/13 15:51	50
Chlorobenzene	<12		87	12	ug/Kg	*	02/11/13 14:10	02/19/13 15:51	50
Chloroethane	<38		170	38	ug/Kg	*	02/11/13 14:10	02/19/13 15:51	50
Chloroform	<18		87	18	ug/Kg	*	02/11/13 14:10	02/19/13 15:51	50
Chloromethane	<40		170	40	ug/Kg	*	02/11/13 14:10	02/19/13 15:51	50
cis-1,2-Dichloroethene	<11		87	11	ug/Kg	*	02/11/13 14:10	02/19/13 15:51	50
cis-1,3-Dichloropropene	<15		87	15	ug/Kg	*	02/11/13 14:10	02/19/13 15:51	50
Dibromochloromethane	<30		170	30	ug/Kg	*	02/11/13 14:10	02/19/13 15:51	50
Dibromomethane	<42		170	42	ug/Kg	*	02/11/13 14:10	02/19/13 15:51	50
Dichlorodifluoromethane	<44		170	44	ug/Kg	*	02/11/13 14:10	02/19/13 15:51	50
Ethylbenzene	<11		22	11	ug/Kg	*	02/11/13 14:10	02/19/13 15:51	50
Hexachlorobutadiene	<30		170	30	ug/Kg	*	02/11/13 14:10	02/19/13 15:51	50
Isopropyl ether	<13		170	13	ug/Kg	*	02/11/13 14:10	02/19/13 15:51	50
Isopropylbenzene	<22		170	22	ug/Kg	*	02/11/13 14:10	02/19/13 15:51	50
Methyl tert-butyl ether	<37		170	37	ug/Kg	*	02/11/13 14:10	02/19/13 15:51	50
Methylene Chloride	<59		430	59	ug/Kg	*	02/11/13 14:10	02/19/13 15:51	50
Naphthalene	<43		170	43	ug/Kg	*	02/11/13 14:10	02/19/13 15:51	50
n-Butylbenzene	<11		87	11	ug/Kg	*	02/11/13 14:10	02/19/13 15:51	50
N-Propylbenzene	<15		170	15	ug/Kg	*	02/11/13 14:10	02/19/13 15:51	50
p-Isopropyltoluene	<16		170	16	ug/Kg	*	02/11/13 14:10	02/19/13 15:51	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-69 15'

Lab Sample ID: 500-54526-34

Date Collected: 02/11/13 14:10

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 83.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<13		87	13	ug/Kg	☼	02/11/13 14:10	02/19/13 15:51	50
Styrene	<8.5		87	8.5	ug/Kg	☼	02/11/13 14:10	02/19/13 15:51	50
tert-Butylbenzene	<12		87	12	ug/Kg	☼	02/11/13 14:10	02/19/13 15:51	50
Tetrachloroethene	<14		87	14	ug/Kg	☼	02/11/13 14:10	02/19/13 15:51	50
Toluene	<9.9		22	9.9	ug/Kg	☼	02/11/13 14:10	02/19/13 15:51	50
trans-1,2-Dichloroethene	<22		87	22	ug/Kg	☼	02/11/13 14:10	02/19/13 15:51	50
trans-1,3-Dichloropropene	<18		87	18	ug/Kg	☼	02/11/13 14:10	02/19/13 15:51	50
Trichloroethene	<16		43	16	ug/Kg	☼	02/11/13 14:10	02/19/13 15:51	50
Trichlorofluoromethane	<36		170	36	ug/Kg	☼	02/11/13 14:10	02/19/13 15:51	50
Vinyl chloride	<9.0		22	9.0	ug/Kg	☼	02/11/13 14:10	02/19/13 15:51	50
Xylenes, Total	<5.9		43	5.9	ug/Kg	☼	02/11/13 14:10	02/19/13 15:51	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		75 - 125				02/11/13 14:10	02/19/13 15:51	50
4-Bromofluorobenzene (Surr)	92		75 - 120				02/11/13 14:10	02/19/13 15:51	50
Dibromofluoromethane	85		75 - 120				02/11/13 14:10	02/19/13 15:51	50
Toluene-d8 (Surr)	89		75 - 120				02/11/13 14:10	02/19/13 15:51	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<20		40	20	ug/Kg	☼	02/13/13 18:18	02/27/13 15:28	1
2-Methylnaphthalene	<52		200	52	ug/Kg	☼	02/13/13 18:18	02/27/13 15:28	1
Acenaphthene	<12		40	12	ug/Kg	☼	02/13/13 18:18	02/27/13 15:28	1
Acenaphthylene	<9.2		40	9.2	ug/Kg	☼	02/13/13 18:18	02/27/13 15:28	1
Anthracene	<9.4		40	9.4	ug/Kg	☼	02/13/13 18:18	02/27/13 15:28	1
Benzo[a]anthracene	8.9	J	40	8.4	ug/Kg	☼	02/13/13 18:18	02/27/13 15:28	1
Benzo[a]pyrene	7.7	J	40	7.3	ug/Kg	☼	02/13/13 18:18	02/27/13 15:28	1
Benzo[b]fluoranthene	13	J	40	7.8	ug/Kg	☼	02/13/13 18:18	02/27/13 15:28	1
Benzo[g,h,i]perylene	<13		40	13	ug/Kg	☼	02/13/13 18:18	02/27/13 15:28	1
Benzo[k]fluoranthene	<9.5		40	9.5	ug/Kg	☼	02/13/13 18:18	02/27/13 15:28	1
Chrysene	19	J	40	9.0	ug/Kg	☼	02/13/13 18:18	02/27/13 15:28	1
Dibenz(a,h)anthracene	<11		40	11	ug/Kg	☼	02/13/13 18:18	02/27/13 15:28	1
Fluoranthene	16	J	40	16	ug/Kg	☼	02/13/13 18:18	02/27/13 15:28	1
Fluorene	<9.1		40	9.1	ug/Kg	☼	02/13/13 18:18	02/27/13 15:28	1
Indeno[1,2,3-cd]pyrene	<13		40	13	ug/Kg	☼	02/13/13 18:18	02/27/13 15:28	1
Naphthalene	<7.7		40	7.7	ug/Kg	☼	02/13/13 18:18	02/27/13 15:28	1
Phenanthrene	<17		40	17	ug/Kg	☼	02/13/13 18:18	02/27/13 15:28	1
Pyrene	22	J	40	14	ug/Kg	☼	02/13/13 18:18	02/27/13 15:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	57		30 - 119				02/13/13 18:18	02/27/13 15:28	1
Nitrobenzene-d5 (Surr)	50		30 - 115				02/13/13 18:18	02/27/13 15:28	1
Terphenyl-d14 (Surr)	66		36 - 134				02/13/13 18:18	02/27/13 15:28	1

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: TB-1
Date Collected: 02/11/13 00:00
Date Received: 02/13/13 10:10

Lab Sample ID: 500-54526-35
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<17		100	17	ug/Kg		02/11/13 00:00	02/19/13 16:14	50
1,1,1-Trichloroethane	<10		50	10	ug/Kg		02/11/13 00:00	02/19/13 16:14	50
1,1,2,2-Tetrachloroethane	<12		50	12	ug/Kg		02/11/13 00:00	02/19/13 16:14	50
1,1,2-Trichloroethane	<14		50	14	ug/Kg		02/11/13 00:00	02/19/13 16:14	50
1,1-Dichloroethane	<9.3		50	9.3	ug/Kg		02/11/13 00:00	02/19/13 16:14	50
1,1-Dichloroethene	<15		50	15	ug/Kg		02/11/13 00:00	02/19/13 16:14	50
1,1-Dichloropropene	<17		50	17	ug/Kg		02/11/13 00:00	02/19/13 16:14	50
1,2,3-Trichlorobenzene	<18		100	18	ug/Kg		02/11/13 00:00	02/19/13 16:14	50
1,2,3-Trichloropropane	<29		100	29	ug/Kg		02/11/13 00:00	02/19/13 16:14	50
1,2,4-Trichlorobenzene	<19		100	19	ug/Kg		02/11/13 00:00	02/19/13 16:14	50
1,2,4-Trimethylbenzene	<11		100	11	ug/Kg		02/11/13 00:00	02/19/13 16:14	50
1,2-Dibromo-3-Chloropropane	<44		100	44	ug/Kg		02/11/13 00:00	02/19/13 16:14	50
1,2-Dibromoethane	<16		100	16	ug/Kg		02/11/13 00:00	02/19/13 16:14	50
1,2-Dichlorobenzene	<10		100	10	ug/Kg		02/11/13 00:00	02/19/13 16:14	50
1,2-Dichloroethane	<14		50	14	ug/Kg		02/11/13 00:00	02/19/13 16:14	50
1,2-Dichloropropane	<9.8		50	9.8	ug/Kg		02/11/13 00:00	02/19/13 16:14	50
1,3,5-Trimethylbenzene	<10		100	10	ug/Kg		02/11/13 00:00	02/19/13 16:14	50
1,3-Dichlorobenzene	<13		100	13	ug/Kg		02/11/13 00:00	02/19/13 16:14	50
1,3-Dichloropropane	<6.7		50	6.7	ug/Kg		02/11/13 00:00	02/19/13 16:14	50
1,4-Dichlorobenzene	<8.7		100	8.7	ug/Kg		02/11/13 00:00	02/19/13 16:14	50
2,2-Dichloropropane	<16		50	16	ug/Kg		02/11/13 00:00	02/19/13 16:14	50
2-Chlorotoluene	<10		50	10	ug/Kg		02/11/13 00:00	02/19/13 16:14	50
4-Chlorotoluene	<9.9		50	9.9	ug/Kg		02/11/13 00:00	02/19/13 16:14	50
Benzene	<3.7		13	3.7	ug/Kg		02/11/13 00:00	02/19/13 16:14	50
Bromobenzene	<21		100	21	ug/Kg		02/11/13 00:00	02/19/13 16:14	50
Bromochloromethane	<19		100	19	ug/Kg		02/11/13 00:00	02/19/13 16:14	50
Bromodichloromethane	<17		100	17	ug/Kg		02/11/13 00:00	02/19/13 16:14	50
Bromoform	<22		100	22	ug/Kg		02/11/13 00:00	02/19/13 16:14	50
Bromomethane	<34		100	34	ug/Kg		02/11/13 00:00	02/19/13 16:14	50
Carbon tetrachloride	<13		50	13	ug/Kg		02/11/13 00:00	02/19/13 16:14	50
Chlorobenzene	<7.2		50	7.2	ug/Kg		02/11/13 00:00	02/19/13 16:14	50
Chloroethane	<22		100	22	ug/Kg		02/11/13 00:00	02/19/13 16:14	50
Chloroform	<10		50	10	ug/Kg		02/11/13 00:00	02/19/13 16:14	50
Chloromethane	<23		100	23	ug/Kg		02/11/13 00:00	02/19/13 16:14	50
cis-1,2-Dichloroethene	<6.2		50	6.2	ug/Kg		02/11/13 00:00	02/19/13 16:14	50
cis-1,3-Dichloropropene	<8.9		50	8.9	ug/Kg		02/11/13 00:00	02/19/13 16:14	50
Dibromochloromethane	<17		100	17	ug/Kg		02/11/13 00:00	02/19/13 16:14	50
Dibromomethane	<24		100	24	ug/Kg		02/11/13 00:00	02/19/13 16:14	50
Dichlorodifluoromethane	<26		100	26	ug/Kg		02/11/13 00:00	02/19/13 16:14	50
Ethylbenzene	<6.3		13	6.3	ug/Kg		02/11/13 00:00	02/19/13 16:14	50
Hexachlorobutadiene	<17		100	17	ug/Kg		02/11/13 00:00	02/19/13 16:14	50
Isopropyl ether	<7.4		100	7.4	ug/Kg		02/11/13 00:00	02/19/13 16:14	50
Isopropylbenzene	<13		100	13	ug/Kg		02/11/13 00:00	02/19/13 16:14	50
Methyl tert-butyl ether	<22		100	22	ug/Kg		02/11/13 00:00	02/19/13 16:14	50
Methylene Chloride	<34		250	34	ug/Kg		02/11/13 00:00	02/19/13 16:14	50
Naphthalene	<25		100	25	ug/Kg		02/11/13 00:00	02/19/13 16:14	50
n-Butylbenzene	<6.5		50	6.5	ug/Kg		02/11/13 00:00	02/19/13 16:14	50
N-Propylbenzene	<8.8		100	8.8	ug/Kg		02/11/13 00:00	02/19/13 16:14	50
p-Isopropyltoluene	<9.3		100	9.3	ug/Kg		02/11/13 00:00	02/19/13 16:14	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: TB-1

Lab Sample ID: 500-54526-35

Date Collected: 02/11/13 00:00

Matrix: Solid

Date Received: 02/13/13 10:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<7.7		50	7.7	ug/Kg		02/11/13 00:00	02/19/13 16:14	50
Styrene	<4.9		50	4.9	ug/Kg		02/11/13 00:00	02/19/13 16:14	50
tert-Butylbenzene	<6.8		50	6.8	ug/Kg		02/11/13 00:00	02/19/13 16:14	50
Tetrachloroethene	<8.4		50	8.4	ug/Kg		02/11/13 00:00	02/19/13 16:14	50
Toluene	<5.8		13	5.8	ug/Kg		02/11/13 00:00	02/19/13 16:14	50
trans-1,2-Dichloroethene	<13		50	13	ug/Kg		02/11/13 00:00	02/19/13 16:14	50
trans-1,3-Dichloropropene	<10		50	10	ug/Kg		02/11/13 00:00	02/19/13 16:14	50
Trichloroethene	<9.3		25	9.3	ug/Kg		02/11/13 00:00	02/19/13 16:14	50
Trichlorofluoromethane	<21		100	21	ug/Kg		02/11/13 00:00	02/19/13 16:14	50
Vinyl chloride	<5.2		13	5.2	ug/Kg		02/11/13 00:00	02/19/13 16:14	50
Xylenes, Total	<3.4		25	3.4	ug/Kg		02/11/13 00:00	02/19/13 16:14	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		75 - 125	02/11/13 00:00	02/19/13 16:14	50
4-Bromofluorobenzene (Surr)	92		75 - 120	02/11/13 00:00	02/19/13 16:14	50
Dibromofluoromethane	90		75 - 120	02/11/13 00:00	02/19/13 16:14	50
Toluene-d8 (Surr)	89		75 - 120	02/11/13 00:00	02/19/13 16:14	50

Definitions/Glossary

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Qualifiers

GC/MS 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.

GC/MS 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.
D	Sample results are obtained from a dilution; the surrogate or matrix spike recoveries reported are calculated from diluted samples.
F	RPD of the MS and MSD exceeds the control limits
D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.

GC Semi VOA

Qualifier	Qualifier Description
X	Surrogate is outside control limits

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
DER	Duplicate error ratio (normalized absolute difference)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
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
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

QC Association Summary

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

GC/MS VOA

Prep Batch: 177578

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-54526-1	B-55 0-2'	Total/NA	Solid	5035	
500-54526-1 MS	B-55 0-2'	Total/NA	Solid	5035	
500-54526-1 MSD	B-55 0-2'	Total/NA	Solid	5035	
500-54526-2	B-55 14-15'	Total/NA	Solid	5035	
500-54526-3	B-57 0-2'	Total/NA	Solid	5035	
500-54526-3 - DL	B-57 0-2'	Total/NA	Solid	5035	
500-54526-4	B-57 8-10'	Total/NA	Solid	5035	
500-54526-5	B-59 0-2'	Total/NA	Solid	5035	
500-54526-6	B-59 6-8'	Total/NA	Solid	5035	
500-54526-7	B-62 0-2'	Total/NA	Solid	5035	
500-54526-8	B-62 11-12'	Total/NA	Solid	5035	
500-54526-9	B-97 15'	Total/NA	Solid	5035	
500-54526-10	B-113 15'	Total/NA	Solid	5035	
500-54526-10 MS	B-113 15'	Total/NA	Solid	5035	
500-54526-10 MSD	B-113 15'	Total/NA	Solid	5035	
500-54526-11	B-108 15'	Total/NA	Solid	5035	
500-54526-11 - DL	B-108 15'	Total/NA	Solid	5035	
500-54526-12	B-48 0-2'	Total/NA	Solid	5035	
500-54526-13	B-48 10-12'	Total/NA	Solid	5035	
500-54526-14	B-50 0-2'	Total/NA	Solid	5035	
500-54526-15	B-50 6-8'	Total/NA	Solid	5035	
500-54526-15 - DL	B-50 6-8'	Total/NA	Solid	5035	
500-54526-16	B-50 15'	Total/NA	Solid	5035	
500-54526-17	B-49 0-2'	Total/NA	Solid	5035	
500-54526-18	B-49 6-8'	Total/NA	Solid	5035	
500-54526-18 - DL	B-49 6-8'	Total/NA	Solid	5035	
LB3 500-177578/19-A LB3	Method Blank	Total/NA	Solid	5035	
LCS 500-177578/20-A	Lab Control Sample	Total/NA	Solid	5035	

Prep Batch: 177579

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-54526-19	B-45 0-2'	Total/NA	Solid	5035	
500-54526-20	B-45 8-10'	Total/NA	Solid	5035	
500-54526-21	B-46 0-2'	Total/NA	Solid	5035	
500-54526-22	B-46 10-12'	Total/NA	Solid	5035	
500-54526-23	B-47 0-2'	Total/NA	Solid	5035	
500-54526-24	B-47 14-15'	Total/NA	Solid	5035	
500-54526-25	B-71 15'	Total/NA	Solid	5035	
500-54526-25 - DL	B-71 15'	Total/NA	Solid	5035	
500-54526-26	B-71 25'	Total/NA	Solid	5035	
500-54526-27	B-80 15'	Total/NA	Solid	5035	
500-54526-28	B-84 15'	Total/NA	Solid	5035	
500-54526-29	B-86 15'	Total/NA	Solid	5035	
500-54526-30	B-87 15'	Total/NA	Solid	5035	
500-54526-30 - DL	B-87 15'	Total/NA	Solid	5035	
500-54526-31	B-87 30'	Total/NA	Solid	5035	
500-54526-32	B-81 15'	Total/NA	Solid	5035	
500-54526-33	B-76 15'	Total/NA	Solid	5035	
500-54526-34	B-69 15'	Total/NA	Solid	5035	
500-54526-35	TB-1	Total/NA	Solid	5035	
LB3 500-177579/18-A LB3	Method Blank	Total/NA	Solid	5035	

TestAmerica Chicago

QC Association Summary

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

GC/MS VOA (Continued)

Prep Batch: 177579 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 500-177579/19-A	Lab Control Sample	Total/NA	Solid	5035	

Analysis Batch: 177596

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-54526-1	B-55 0-2'	Total/NA	Solid	8260B	177578
500-54526-1 MS	B-55 0-2'	Total/NA	Solid	8260B	177578
500-54526-1 MSD	B-55 0-2'	Total/NA	Solid	8260B	177578
500-54526-2	B-55 14-15'	Total/NA	Solid	8260B	177578
500-54526-3	B-57 0-2'	Total/NA	Solid	8260B	177578
500-54526-3 - DL	B-57 0-2'	Total/NA	Solid	8260B	177578
500-54526-4	B-57 8-10'	Total/NA	Solid	8260B	177578
500-54526-5	B-59 0-2'	Total/NA	Solid	8260B	177578
500-54526-6	B-59 6-8'	Total/NA	Solid	8260B	177578
500-54526-7	B-62 0-2'	Total/NA	Solid	8260B	177578
500-54526-8	B-62 11-12'	Total/NA	Solid	8260B	177578
500-54526-9	B-97 15'	Total/NA	Solid	8260B	177578
LCS 500-177596/4	Lab Control Sample	Total/NA	Solid	8260B	
MB 500-177596/6	Method Blank	Total/NA	Solid	8260B	

Analysis Batch: 177772

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-54526-10	B-113 15'	Total/NA	Solid	8260B	177578
500-54526-10 MS	B-113 15'	Total/NA	Solid	8260B	177578
500-54526-10 MSD	B-113 15'	Total/NA	Solid	8260B	177578
500-54526-11	B-108 15'	Total/NA	Solid	8260B	177578
500-54526-12	B-48 0-2'	Total/NA	Solid	8260B	177578
500-54526-13	B-48 10-12'	Total/NA	Solid	8260B	177578
500-54526-14	B-50 0-2'	Total/NA	Solid	8260B	177578
500-54526-15	B-50 6-8'	Total/NA	Solid	8260B	177578
500-54526-15 - DL	B-50 6-8'	Total/NA	Solid	8260B	177578
500-54526-16	B-50 15'	Total/NA	Solid	8260B	177578
500-54526-17	B-49 0-2'	Total/NA	Solid	8260B	177578
500-54526-18	B-49 6-8'	Total/NA	Solid	8260B	177578
500-54526-19	B-45 0-2'	Total/NA	Solid	8260B	177579
500-54526-20	B-45 8-10'	Total/NA	Solid	8260B	177579
500-54526-21	B-46 0-2'	Total/NA	Solid	8260B	177579
500-54526-22	B-46 10-12'	Total/NA	Solid	8260B	177579
500-54526-23	B-47 0-2'	Total/NA	Solid	8260B	177579
500-54526-24	B-47 14-15'	Total/NA	Solid	8260B	177579
500-54526-25	B-71 15'	Total/NA	Solid	8260B	177579
500-54526-25 - DL	B-71 15'	Total/NA	Solid	8260B	177579
500-54526-26	B-71 25'	Total/NA	Solid	8260B	177579
500-54526-27	B-80 15'	Total/NA	Solid	8260B	177579
500-54526-28	B-84 15'	Total/NA	Solid	8260B	177579
LB3 500-177578/19-A LB3	Method Blank	Total/NA	Solid	8260B	177578
LCS 500-177578/20-A	Lab Control Sample	Total/NA	Solid	8260B	177578
LCS 500-177772/4	Lab Control Sample	Total/NA	Solid	8260B	
MB 500-177772/6	Method Blank	Total/NA	Solid	8260B	

QC Association Summary

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

GC/MS VOA (Continued)

Analysis Batch: 177955

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-54526-11 - DL	B-108 15'	Total/NA	Solid	8260B	177578
500-54526-18 - DL	B-49 6-8'	Total/NA	Solid	8260B	177578
500-54526-29	B-86 15'	Total/NA	Solid	8260B	177579
500-54526-30	B-87 15'	Total/NA	Solid	8260B	177579
500-54526-31	B-87 30'	Total/NA	Solid	8260B	177579
500-54526-32	B-81 15'	Total/NA	Solid	8260B	177579
500-54526-33	B-76 15'	Total/NA	Solid	8260B	177579
500-54526-34	B-69 15'	Total/NA	Solid	8260B	177579
500-54526-35	TB-1	Total/NA	Solid	8260B	177579
LB3 500-177579/18-A LB3	Method Blank	Total/NA	Solid	8260B	177579
LCS 500-177579/19-A	Lab Control Sample	Total/NA	Solid	8260B	177579
LCS 500-177955/4	Lab Control Sample	Total/NA	Solid	8260B	177579
MB 500-177955/6	Method Blank	Total/NA	Solid	8260B	177579

Analysis Batch: 178184

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-54526-30 - DL	B-87 15'	Total/NA	Solid	8260B	177579
LCS 500-178184/5	Lab Control Sample	Total/NA	Solid	8260B	177579
MB 500-178184/7	Method Blank	Total/NA	Solid	8260B	177579

GC/MS Semi VOA

Prep Batch: 177562

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-54526-21	B-46 0-2'	Total/NA	Solid	3541	177562
500-54526-22	B-46 10-12'	Total/NA	Solid	3541	177562
500-54526-23	B-47 0-2'	Total/NA	Solid	3541	177562
500-54526-24	B-47 14-15'	Total/NA	Solid	3541	177562
500-54526-25	B-71 15'	Total/NA	Solid	3541	177562
500-54526-26	B-71 25'	Total/NA	Solid	3541	177562
500-54526-27	B-80 15'	Total/NA	Solid	3541	177562
500-54526-28	B-84 15'	Total/NA	Solid	3541	177562
500-54526-29	B-86 15'	Total/NA	Solid	3541	177562
500-54526-30	B-87 15'	Total/NA	Solid	3541	177562
500-54526-30 - DL	B-87 15'	Total/NA	Solid	3541	177562
500-54526-31	B-87 30'	Total/NA	Solid	3541	177562
500-54526-32	B-81 15'	Total/NA	Solid	3541	177562
500-54526-32 - DL	B-81 15'	Total/NA	Solid	3541	177562
500-54526-33	B-76 15'	Total/NA	Solid	3541	177562
500-54526-34	B-69 15'	Total/NA	Solid	3541	177562
LCS 500-177562/2-A	Lab Control Sample	Total/NA	Solid	3541	177562
MB 500-177562/1-A	Method Blank	Total/NA	Solid	3541	177562

Prep Batch: 177592

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-54526-1	B-55 0-2'	Total/NA	Solid	3541	177592
500-54526-2	B-55 14-15'	Total/NA	Solid	3541	177592
500-54526-2 MS	B-55 14-15'	Total/NA	Solid	3541	177592
500-54526-2 MSD	B-55 14-15'	Total/NA	Solid	3541	177592
500-54526-3	B-57 0-2'	Total/NA	Solid	3541	177592

TestAmerica Chicago

QC Association Summary

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

GC/MS Semi VOA (Continued)

Prep Batch: 177592 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-54526-3 - DL	B-57 0-2'	Total/NA	Solid	3541	
500-54526-4	B-57 8-10'	Total/NA	Solid	3541	
500-54526-5	B-59 0-2'	Total/NA	Solid	3541	
500-54526-5 - DL	B-59 0-2'	Total/NA	Solid	3541	
500-54526-6	B-59 6-8'	Total/NA	Solid	3541	
500-54526-7	B-62 0-2'	Total/NA	Solid	3541	
500-54526-8	B-62 11-12'	Total/NA	Solid	3541	
500-54526-9	B-97 15'	Total/NA	Solid	3541	
500-54526-10	B-113 15'	Total/NA	Solid	3541	
500-54526-11	B-108 15'	Total/NA	Solid	3541	
500-54526-12	B-48 0-2'	Total/NA	Solid	3541	
500-54526-13	B-48 10-12'	Total/NA	Solid	3541	
500-54526-14	B-50 0-2'	Total/NA	Solid	3541	
500-54526-15	B-50 6-8'	Total/NA	Solid	3541	
500-54526-15 - DL	B-50 6-8'	Total/NA	Solid	3541	
500-54526-16	B-50 15'	Total/NA	Solid	3541	
500-54526-17	B-49 0-2'	Total/NA	Solid	3541	
500-54526-17 - DL	B-49 0-2'	Total/NA	Solid	3541	
500-54526-18	B-49 6-8'	Total/NA	Solid	3541	
500-54526-18 - DL	B-49 6-8'	Total/NA	Solid	3541	
500-54526-19	B-45 0-2'	Total/NA	Solid	3541	
500-54526-20	B-45 8-10'	Total/NA	Solid	3541	
LCS 500-177592/2-A	Lab Control Sample	Total/NA	Solid	3541	
MB 500-177592/1-A	Method Blank	Total/NA	Solid	3541	

Analysis Batch: 177621

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 500-177562/2-A	Lab Control Sample	Total/NA	Solid	8270D	177562
MB 500-177562/1-A	Method Blank	Total/NA	Solid	8270D	177562

Analysis Batch: 178332

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-54526-2	B-55 14-15'	Total/NA	Solid	8270D	177592
500-54526-2 MS	B-55 14-15'	Total/NA	Solid	8270D	177592
500-54526-2 MSD	B-55 14-15'	Total/NA	Solid	8270D	177592
500-54526-3	B-57 0-2'	Total/NA	Solid	8270D	177592
500-54526-4	B-57 8-10'	Total/NA	Solid	8270D	177592
500-54526-5	B-59 0-2'	Total/NA	Solid	8270D	177592
500-54526-6	B-59 6-8'	Total/NA	Solid	8270D	177592
500-54526-9	B-97 15'	Total/NA	Solid	8270D	177592
500-54526-10	B-113 15'	Total/NA	Solid	8270D	177592
500-54526-11	B-108 15'	Total/NA	Solid	8270D	177592
500-54526-13	B-48 10-12'	Total/NA	Solid	8270D	177592
500-54526-20	B-45 8-10'	Total/NA	Solid	8270D	177592
LCS 500-177592/2-A	Lab Control Sample	Total/NA	Solid	8270D	177592
MB 500-177592/1-A	Method Blank	Total/NA	Solid	8270D	177592

Analysis Batch: 178560

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-54526-1	B-55 0-2'	Total/NA	Solid	8270D	177592
500-54526-3 - DL	B-57 0-2'	Total/NA	Solid	8270D	177592

TestAmerica Chicago



QC Association Summary

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

GC/MS Semi VOA (Continued)

Analysis Batch: 178560 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-54526-5 - DL	B-59 0-2'	Total/NA	Solid	8270D	177592
500-54526-7	B-62 0-2'	Total/NA	Solid	8270D	177592
500-54526-8	B-62 11-12'	Total/NA	Solid	8270D	177592
500-54526-11	B-108 15'	Total/NA	Solid	8270D	177592
500-54526-12	B-48 0-2'	Total/NA	Solid	8270D	177592
500-54526-14	B-50 0-2'	Total/NA	Solid	8270D	177592
500-54526-15	B-50 6-8'	Total/NA	Solid	8270D	177592
500-54526-16	B-50 15'	Total/NA	Solid	8270D	177592
500-54526-17	B-49 0-2'	Total/NA	Solid	8270D	177592
500-54526-18	B-49 6-8'	Total/NA	Solid	8270D	177592
500-54526-19	B-45 0-2'	Total/NA	Solid	8270D	177592
500-54526-21	B-46 0-2'	Total/NA	Solid	8270D	177562
500-54526-22	B-46 10-12'	Total/NA	Solid	8270D	177562
500-54526-23	B-47 0-2'	Total/NA	Solid	8270D	177562
500-54526-24	B-47 14-15'	Total/NA	Solid	8270D	177562
500-54526-25	B-71 15'	Total/NA	Solid	8270D	177562
500-54526-26	B-71 25'	Total/NA	Solid	8270D	177562
500-54526-27	B-80 15'	Total/NA	Solid	8270D	177562
500-54526-28	B-84 15'	Total/NA	Solid	8270D	177562
500-54526-29	B-86 15'	Total/NA	Solid	8270D	177562

Analysis Batch: 178666

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-54526-15 - DL	B-50 6-8'	Total/NA	Solid	8270D	177592
500-54526-17 - DL	B-49 0-2'	Total/NA	Solid	8270D	177592
500-54526-18 - DL	B-49 6-8'	Total/NA	Solid	8270D	177592
500-54526-25	B-71 15'	Total/NA	Solid	8270D	177562
500-54526-30	B-87 15'	Total/NA	Solid	8270D	177562
500-54526-30 - DL	B-87 15'	Total/NA	Solid	8270D	177562
500-54526-31	B-87 30'	Total/NA	Solid	8270D	177562
500-54526-32	B-81 15'	Total/NA	Solid	8270D	177562
500-54526-32 - DL	B-81 15'	Total/NA	Solid	8270D	177562
500-54526-33	B-76 15'	Total/NA	Solid	8270D	177562
500-54526-34	B-69 15'	Total/NA	Solid	8270D	177562

GC Semi VOA

Prep Batch: 177563

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-54526-1	B-55 0-2'	Total/NA	Solid	3541	
500-54526-2	B-55 14-15'	Total/NA	Solid	3541	
500-54526-3	B-57 0-2'	Total/NA	Solid	3541	
500-54526-4	B-57 8-10'	Total/NA	Solid	3541	
500-54526-4 MS	B-57 8-10'	Total/NA	Solid	3541	
500-54526-4 MSD	B-57 8-10'	Total/NA	Solid	3541	
500-54526-5	B-59 0-2'	Total/NA	Solid	3541	
500-54526-6	B-59 6-8'	Total/NA	Solid	3541	
500-54526-7	B-62 0-2'	Total/NA	Solid	3541	
500-54526-8	B-62 11-12'	Total/NA	Solid	3541	
500-54526-12	B-48 0-2'	Total/NA	Solid	3541	

TestAmerica Chicago

QC Association Summary

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

GC Semi VOA (Continued)

Prep Batch: 177563 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-54526-13	B-48 10-12'	Total/NA	Solid	3541	
500-54526-14	B-50 0-2'	Total/NA	Solid	3541	
500-54526-15	B-50 6-8'	Total/NA	Solid	3541	
500-54526-17	B-49 0-2'	Total/NA	Solid	3541	
500-54526-18	B-49 6-8'	Total/NA	Solid	3541	
500-54526-19	B-45 0-2'	Total/NA	Solid	3541	
500-54526-20	B-45 8-10'	Total/NA	Solid	3541	
500-54526-21	B-46 0-2'	Total/NA	Solid	3541	
500-54526-22	B-46 10-12'	Total/NA	Solid	3541	
500-54526-23	B-47 0-2'	Total/NA	Solid	3541	
500-54526-24	B-47 14-15'	Total/NA	Solid	3541	
LCS 500-177563/2-A	Lab Control Sample	Total/NA	Solid	3541	
MB 500-177563/1-A	Method Blank	Total/NA	Solid	3541	

Analysis Batch: 177748

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-54526-1	B-55 0-2'	Total/NA	Solid	8082	177563
500-54526-2	B-55 14-15'	Total/NA	Solid	8082	177563
500-54526-3	B-57 0-2'	Total/NA	Solid	8082	177563
500-54526-4	B-57 8-10'	Total/NA	Solid	8082	177563
500-54526-4 MS	B-57 8-10'	Total/NA	Solid	8082	177563
500-54526-4 MSD	B-57 8-10'	Total/NA	Solid	8082	177563
500-54526-5	B-59 0-2'	Total/NA	Solid	8082	177563
500-54526-6	B-59 6-8'	Total/NA	Solid	8082	177563
500-54526-7	B-62 0-2'	Total/NA	Solid	8082	177563
500-54526-8	B-62 11-12'	Total/NA	Solid	8082	177563
500-54526-12	B-48 0-2'	Total/NA	Solid	8082	177563
500-54526-13	B-48 10-12'	Total/NA	Solid	8082	177563
500-54526-14	B-50 0-2'	Total/NA	Solid	8082	177563
500-54526-15	B-50 6-8'	Total/NA	Solid	8082	177563
500-54526-17	B-49 0-2'	Total/NA	Solid	8082	177563
500-54526-18	B-49 6-8'	Total/NA	Solid	8082	177563
500-54526-19	B-45 0-2'	Total/NA	Solid	8082	177563
500-54526-20	B-45 8-10'	Total/NA	Solid	8082	177563
500-54526-21	B-46 0-2'	Total/NA	Solid	8082	177563
500-54526-22	B-46 10-12'	Total/NA	Solid	8082	177563
500-54526-23	B-47 0-2'	Total/NA	Solid	8082	177563
500-54526-24	B-47 14-15'	Total/NA	Solid	8082	177563
LCS 500-177563/2-A	Lab Control Sample	Total/NA	Solid	8082	177563
MB 500-177563/1-A	Method Blank	Total/NA	Solid	8082	177563

General Chemistry

Analysis Batch: 177474

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-54526-1	B-55 0-2'	Total/NA	Solid	Moisture	
500-54526-2	B-55 14-15'	Total/NA	Solid	Moisture	
500-54526-3	B-57 0-2'	Total/NA	Solid	Moisture	
500-54526-4	B-57 8-10'	Total/NA	Solid	Moisture	
500-54526-5	B-59 0-2'	Total/NA	Solid	Moisture	

TestAmerica Chicago

QC Association Summary

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

General Chemistry (Continued)

Analysis Batch: 177474 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-54526-6	B-59 6-8'	Total/NA	Solid	Moisture	
500-54526-7	B-62 0-2'	Total/NA	Solid	Moisture	
500-54526-8	B-62 11-12'	Total/NA	Solid	Moisture	
500-54526-9	B-97 15'	Total/NA	Solid	Moisture	
500-54526-10	B-113 15'	Total/NA	Solid	Moisture	
500-54526-11	B-108 15'	Total/NA	Solid	Moisture	
500-54526-12	B-48 0-2'	Total/NA	Solid	Moisture	
500-54526-13	B-48 10-12'	Total/NA	Solid	Moisture	
500-54526-14	B-50 0-2'	Total/NA	Solid	Moisture	
500-54526-15	B-50 6-8'	Total/NA	Solid	Moisture	
500-54526-16	B-50 15'	Total/NA	Solid	Moisture	
500-54526-17	B-49 0-2'	Total/NA	Solid	Moisture	
500-54526-18	B-49 6-8'	Total/NA	Solid	Moisture	
500-54526-19	B-45 0-2'	Total/NA	Solid	Moisture	
500-54526-20	B-45 8-10'	Total/NA	Solid	Moisture	

Analysis Batch: 177528

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-54526-21	B-46 0-2'	Total/NA	Solid	Moisture	
500-54526-21 DU	B-46 0-2'	Total/NA	Solid	Moisture	
500-54526-22	B-46 10-12'	Total/NA	Solid	Moisture	
500-54526-23	B-47 0-2'	Total/NA	Solid	Moisture	
500-54526-24	B-47 14-15'	Total/NA	Solid	Moisture	
500-54526-25	B-71 15'	Total/NA	Solid	Moisture	
500-54526-26	B-71 25'	Total/NA	Solid	Moisture	
500-54526-27	B-80 15'	Total/NA	Solid	Moisture	
500-54526-28	B-84 15'	Total/NA	Solid	Moisture	
500-54526-29	B-86 15'	Total/NA	Solid	Moisture	
500-54526-30	B-87 15'	Total/NA	Solid	Moisture	
500-54526-31	B-87 30'	Total/NA	Solid	Moisture	
500-54526-32	B-81 15'	Total/NA	Solid	Moisture	
500-54526-33	B-76 15'	Total/NA	Solid	Moisture	
500-54526-34	B-69 15'	Total/NA	Solid	Moisture	

Surrogate Summary

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		12DCE (75-125)	BFB (75-120)	DBFM (75-120)	TOL (75-120)
500-54526-1	B-55 0-2'	99	90	91	91
500-54526-1 MS	B-55 0-2'	105	97	104	95
500-54526-1 MSD	B-55 0-2'	99	98	98	92
500-54526-2	B-55 14-15'	102	95	92	95
500-54526-3	B-57 0-2'	102	90	93	93
500-54526-3 - DL	B-57 0-2'	100	93	93	89
500-54526-4	B-57 8-10'	102	95	95	97
500-54526-5	B-59 0-2'	102	96	94	93
500-54526-6	B-59 6-8'	103	96	93	95
500-54526-7	B-62 0-2'	101	97	94	97
500-54526-8	B-62 11-12'	105	94	96	98
500-54526-9	B-97 15'	101	95	91	93
500-54526-10	B-113 15'	103	93	93	96
500-54526-10 MS	B-113 15'	98	92	99	93
500-54526-10 MSD	B-113 15'	97	93	102	92
500-54526-11	B-108 15'	104	92	98	94
500-54526-11 - DL	B-108 15'	106	95	95	93
500-54526-12	B-48 0-2'	106	97	95	92
500-54526-13	B-48 10-12'	106	95	93	97
500-54526-14	B-50 0-2'	103	96	96	94
500-54526-15	B-50 6-8'	106	95	98	94
500-54526-15 - DL	B-50 6-8'	104	94	95	95
500-54526-16	B-50 15'	104	95	94	93
500-54526-17	B-49 0-2'	109	97	97	96
500-54526-18	B-49 6-8'	107	98	98	95
500-54526-18 - DL	B-49 6-8'	107	97	92	92
500-54526-19	B-45 0-2'	108	97	99	96
500-54526-20	B-45 8-10'	107	93	99	93
500-54526-21	B-46 0-2'	105	96	98	94
500-54526-22	B-46 10-12'	104	93	95	95
500-54526-23	B-47 0-2'	104	91	95	94
500-54526-24	B-47 14-15'	108	96	93	91
500-54526-25	B-71 15'	106	98	100	93
500-54526-25 - DL	B-71 15'	104	93	95	93
500-54526-26	B-71 25'	106	94	98	93
500-54526-27	B-80 15'	103	92	95	93
500-54526-28	B-84 15'	102	93	96	91
500-54526-29	B-86 15'	102	95	89	93
500-54526-30	B-87 15'	106	95	96	93
500-54526-30 - DL	B-87 15'	107	94	101	96
500-54526-31	B-87 30'	105	95	90	89
500-54526-32	B-81 15'	106	97	92	91
500-54526-33	B-76 15'	107	93	91	92
500-54526-34	B-69 15'	102	92	85	89
500-54526-35	TB-1	104	92	90	89
LB3 500-177578/19-A LB3	Method Blank	105	95	95	95
LB3 500-177579/18-A LB3	Method Blank	106	97	88	91
LCS 500-177578/20-A	Lab Control Sample	99	93	99	96
LCS 500-177579/19-A	Lab Control Sample	103	95	93	93

TestAmerica Chicago

Surrogate Summary

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		12DCE (75-125)	BFB (75-120)	DBFM (75-120)	TOL (75-120)
LCS 500-177596/4	Lab Control Sample	98	95	91	93
LCS 500-177772/4	Lab Control Sample	99	93	96	94
LCS 500-177955/4	Lab Control Sample	95	94	90	90
LCS 500-178184/5	Lab Control Sample	103	99	99	99
MB 500-177596/6	Method Blank	102	96	92	94
MB 500-177772/6	Method Blank	99	94	93	93
MB 500-177955/6	Method Blank	99	93	86	90
MB 500-178184/7	Method Blank	105	90	99	97

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
 BFB = 4-Bromofluorobenzene (Surr)
 DBFM = Dibromofluoromethane
 TOL = Toluene-d8 (Surr)

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		FBP (30-119)	NBZ (30-115)	TPH (36-134)
500-54526-1	B-55 0-2'	52	47	51
500-54526-2	B-55 14-15'	57	51	93
500-54526-2 MS	B-55 14-15'	67	60	75
500-54526-2 MSD	B-55 14-15'	58	59	64
500-54526-3	B-57 0-2'	96	64	100
500-54526-3 - DL	B-57 0-2'	0 D	0 D	0 D
500-54526-4	B-57 8-10'	77	76	100
500-54526-5	B-59 0-2'	76	69	95
500-54526-5 - DL	B-59 0-2'	80	70	102
500-54526-6	B-59 6-8'	80	66	101
500-54526-7	B-62 0-2'	77	66	115
500-54526-8	B-62 11-12'	78	72	95
500-54526-9	B-97 15'	64	53	81
500-54526-10	B-113 15'	71	59	87
500-54526-11	B-108 15'	74	50	111
500-54526-11	B-108 15'	85	71	107
500-54526-12	B-48 0-2'	80	63	95
500-54526-13	B-48 10-12'	50	44	78
500-54526-14	B-50 0-2'	79	66	100
500-54526-15	B-50 6-8'	90	76	95
500-54526-15 - DL	B-50 6-8'	93	77	97
500-54526-16	B-50 15'	80	74	90
500-54526-17	B-49 0-2'	84	71	112
500-54526-17 - DL	B-49 0-2'	101	79	118
500-54526-18	B-49 6-8'	0 D	0 D	0 D
500-54526-18 - DL	B-49 6-8'	0 D	0 D	0 D
500-54526-19	B-45 0-2'	83	68	97
500-54526-20	B-45 8-10'	80	83	110

TestAmerica Chicago

Surrogate Summary

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		FBP (30-119)	NBZ (30-115)	TPH (36-134)
500-54526-21	B-46 0-2'	71	65	79
500-54526-22	B-46 10-12'	77	73	75
500-54526-23	B-47 0-2'	76	71	75
500-54526-24	B-47 14-15'	70	64	76
500-54526-25	B-71 15'	79	78	86
500-54526-25	B-71 15'	0 D	0 D	0 D
500-54526-26	B-71 25'	77	68	90
500-54526-27	B-80 15'	64	58	78
500-54526-28	B-84 15'	65	61	83
500-54526-29	B-86 15'	42	39	59
500-54526-30	B-87 15'	0 D	0 D	0 D
500-54526-30 - DL	B-87 15'	0 D	0 D	0 D
500-54526-31	B-87 30'	58	52	71
500-54526-32	B-81 15'	60	53	68
500-54526-32 - DL	B-81 15'	65	51	80
500-54526-33	B-76 15'	38	33	48
500-54526-34	B-69 15'	57	50	66
LCS 500-177562/2-A	Lab Control Sample	74	77	88
LCS 500-177592/2-A	Lab Control Sample	104	87	98
MB 500-177562/1-A	Method Blank	79	86	92
MB 500-177592/1-A	Method Blank	91	94	97

Surrogate Legend

- FBP = 2-Fluorobiphenyl
- NBZ = Nitrobenzene-d5 (Surr)
- TPH = Terphenyl-d14 (Surr)

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		TCX1 (50-116)	DCB1 (48-142)
500-54526-1	B-55 0-2'	58	75
500-54526-2	B-55 14-15'	55	83
500-54526-3	B-57 0-2'	51	61
500-54526-4	B-57 8-10'	59	88
500-54526-4 MS	B-57 8-10'	77	98
500-54526-4 MSD	B-57 8-10'	70	98
500-54526-5	B-59 0-2'	67	89
500-54526-6	B-59 6-8'	62	82
500-54526-7	B-62 0-2'	70	74
500-54526-8	B-62 11-12'	51	68
500-54526-12	B-48 0-2'	63	79
500-54526-13	B-48 10-12'	59	74
500-54526-14	B-50 0-2'	66	72
500-54526-15	B-50 6-8'	64	76
500-54526-17	B-49 0-2'	61	209 X
500-54526-18	B-49 6-8'	48 X	57

TestAmerica Chicago

Surrogate Summary

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

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

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TCX1	DCB1
		(50-116)	(48-142)
500-54526-19	B-45 0-2'	71	71
500-54526-20	B-45 8-10'	61	77
500-54526-21	B-46 0-2'	67	81
500-54526-22	B-46 10-12'	70	87
500-54526-23	B-47 0-2'	65	83
500-54526-24	B-47 14-15'	69	80
LCS 500-177563/2-A	Lab Control Sample	76	88
MB 500-177563/1-A	Method Blank	71	91

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCB = DCB Decachlorobiphenyl

QC Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

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

Lab Sample ID: LB3 500-177578/19-A LB3

Matrix: Solid

Analysis Batch: 177772

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 177578

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<17		100	17	ug/Kg		02/14/13 01:00	02/15/13 22:40	50
1,1,1-Trichloroethane	<10		50	10	ug/Kg		02/14/13 01:00	02/15/13 22:40	50
1,1,2,2-Tetrachloroethane	<12		50	12	ug/Kg		02/14/13 01:00	02/15/13 22:40	50
1,1,2-Trichloroethane	<14		50	14	ug/Kg		02/14/13 01:00	02/15/13 22:40	50
1,1-Dichloroethane	<9.3		50	9.3	ug/Kg		02/14/13 01:00	02/15/13 22:40	50
1,1-Dichloroethene	<15		50	15	ug/Kg		02/14/13 01:00	02/15/13 22:40	50
1,1-Dichloropropene	<17		50	17	ug/Kg		02/14/13 01:00	02/15/13 22:40	50
1,2,3-Trichlorobenzene	<18		100	18	ug/Kg		02/14/13 01:00	02/15/13 22:40	50
1,2,3-Trichloropropane	<29		100	29	ug/Kg		02/14/13 01:00	02/15/13 22:40	50
1,2,4-Trichlorobenzene	<19		100	19	ug/Kg		02/14/13 01:00	02/15/13 22:40	50
1,2,4-Trimethylbenzene	<11		100	11	ug/Kg		02/14/13 01:00	02/15/13 22:40	50
1,2-Dibromo-3-Chloropropane	<44		100	44	ug/Kg		02/14/13 01:00	02/15/13 22:40	50
1,2-Dibromoethane	<16		100	16	ug/Kg		02/14/13 01:00	02/15/13 22:40	50
1,2-Dichlorobenzene	<10		100	10	ug/Kg		02/14/13 01:00	02/15/13 22:40	50
1,2-Dichloroethane	<14		50	14	ug/Kg		02/14/13 01:00	02/15/13 22:40	50
1,2-Dichloropropane	<9.8		50	9.8	ug/Kg		02/14/13 01:00	02/15/13 22:40	50
1,3,5-Trimethylbenzene	<10		100	10	ug/Kg		02/14/13 01:00	02/15/13 22:40	50
1,3-Dichlorobenzene	<13		100	13	ug/Kg		02/14/13 01:00	02/15/13 22:40	50
1,3-Dichloropropane	<6.7		50	6.7	ug/Kg		02/14/13 01:00	02/15/13 22:40	50
1,4-Dichlorobenzene	<8.7		100	8.7	ug/Kg		02/14/13 01:00	02/15/13 22:40	50
2,2-Dichloropropane	<16		50	16	ug/Kg		02/14/13 01:00	02/15/13 22:40	50
2-Chlorotoluene	<10		50	10	ug/Kg		02/14/13 01:00	02/15/13 22:40	50
4-Chlorotoluene	<9.9		50	9.9	ug/Kg		02/14/13 01:00	02/15/13 22:40	50
Benzene	<3.7		13	3.7	ug/Kg		02/14/13 01:00	02/15/13 22:40	50
Bromobenzene	<21		100	21	ug/Kg		02/14/13 01:00	02/15/13 22:40	50
Bromochloromethane	<19		100	19	ug/Kg		02/14/13 01:00	02/15/13 22:40	50
Bromodichloromethane	<17		100	17	ug/Kg		02/14/13 01:00	02/15/13 22:40	50
Bromoform	<22		100	22	ug/Kg		02/14/13 01:00	02/15/13 22:40	50
Bromomethane	<34		100	34	ug/Kg		02/14/13 01:00	02/15/13 22:40	50
Carbon tetrachloride	<13		50	13	ug/Kg		02/14/13 01:00	02/15/13 22:40	50
Chlorobenzene	<7.2		50	7.2	ug/Kg		02/14/13 01:00	02/15/13 22:40	50
Chloroethane	<22		100	22	ug/Kg		02/14/13 01:00	02/15/13 22:40	50
Chloroform	<10		50	10	ug/Kg		02/14/13 01:00	02/15/13 22:40	50
Chloromethane	<23		100	23	ug/Kg		02/14/13 01:00	02/15/13 22:40	50
cis-1,2-Dichloroethene	<6.2		50	6.2	ug/Kg		02/14/13 01:00	02/15/13 22:40	50
cis-1,3-Dichloropropene	<8.9		50	8.9	ug/Kg		02/14/13 01:00	02/15/13 22:40	50
Dibromochloromethane	<17		100	17	ug/Kg		02/14/13 01:00	02/15/13 22:40	50
Dibromomethane	<24		100	24	ug/Kg		02/14/13 01:00	02/15/13 22:40	50
Dichlorodifluoromethane	<26		100	26	ug/Kg		02/14/13 01:00	02/15/13 22:40	50
Ethylbenzene	<6.3		13	6.3	ug/Kg		02/14/13 01:00	02/15/13 22:40	50
Hexachlorobutadiene	<17		100	17	ug/Kg		02/14/13 01:00	02/15/13 22:40	50
Isopropyl ether	<7.4		100	7.4	ug/Kg		02/14/13 01:00	02/15/13 22:40	50
Isopropylbenzene	<13		100	13	ug/Kg		02/14/13 01:00	02/15/13 22:40	50
Methyl tert-butyl ether	<22		100	22	ug/Kg		02/14/13 01:00	02/15/13 22:40	50
Methylene Chloride	<34		250	34	ug/Kg		02/14/13 01:00	02/15/13 22:40	50
Naphthalene	<25		100	25	ug/Kg		02/14/13 01:00	02/15/13 22:40	50
n-Butylbenzene	<6.5		50	6.5	ug/Kg		02/14/13 01:00	02/15/13 22:40	50
N-Propylbenzene	<8.8		100	8.8	ug/Kg		02/14/13 01:00	02/15/13 22:40	50

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

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

Lab Sample ID: LB3 500-177578/19-A LB3

Matrix: Solid

Analysis Batch: 177772

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 177578

Analyte	LB3	LB3	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
p-Isopropyltoluene	<9.3		100	9.3	ug/Kg		02/14/13 01:00	02/15/13 22:40	50
sec-Butylbenzene	<7.7		50	7.7	ug/Kg		02/14/13 01:00	02/15/13 22:40	50
Styrene	<4.9		50	4.9	ug/Kg		02/14/13 01:00	02/15/13 22:40	50
tert-Butylbenzene	<6.8		50	6.8	ug/Kg		02/14/13 01:00	02/15/13 22:40	50
Tetrachloroethene	<8.4		50	8.4	ug/Kg		02/14/13 01:00	02/15/13 22:40	50
Toluene	<5.8		13	5.8	ug/Kg		02/14/13 01:00	02/15/13 22:40	50
trans-1,2-Dichloroethene	<13		50	13	ug/Kg		02/14/13 01:00	02/15/13 22:40	50
trans-1,3-Dichloropropene	<10		50	10	ug/Kg		02/14/13 01:00	02/15/13 22:40	50
Trichloroethene	<9.3		25	9.3	ug/Kg		02/14/13 01:00	02/15/13 22:40	50
Trichlorofluoromethane	<21		100	21	ug/Kg		02/14/13 01:00	02/15/13 22:40	50
Vinyl chloride	<5.2		13	5.2	ug/Kg		02/14/13 01:00	02/15/13 22:40	50
Xylenes, Total	<3.4		25	3.4	ug/Kg		02/14/13 01:00	02/15/13 22:40	50

Surrogate	LB3	LB3	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	105		75 - 125	02/14/13 01:00	02/15/13 22:40	50
4-Bromofluorobenzene (Surr)	95		75 - 120	02/14/13 01:00	02/15/13 22:40	50
Dibromofluoromethane	95		75 - 120	02/14/13 01:00	02/15/13 22:40	50
Toluene-d8 (Surr)	95		75 - 120	02/14/13 01:00	02/15/13 22:40	50

Lab Sample ID: LCS 500-177578/20-A

Matrix: Solid

Analysis Batch: 177772

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 177578

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
1,1,1,2-Tetrachloroethane	2500	2360		ug/Kg		94	75 - 120
1,1,1-Trichloroethane	2500	2500		ug/Kg		100	70 - 123
1,1,2,2-Tetrachloroethane	2500	2320		ug/Kg		93	70 - 128
1,1,2-Trichloroethane	2500	2180		ug/Kg		87	69 - 120
1,1-Dichloroethane	2500	2450		ug/Kg		98	68 - 121
1,1-Dichloroethene	2500	2200		ug/Kg		88	58 - 122
1,1-Dichloropropene	2500	2260		ug/Kg		91	70 - 120
1,2,3-Trichlorobenzene	2500	1800		ug/Kg		72	56 - 137
1,2,3-Trichloropropene	2500	2070		ug/Kg		83	70 - 120
1,2,4-Trichlorobenzene	2500	1740		ug/Kg		69	65 - 121
1,2,4-Trimethylbenzene	2500	2280		ug/Kg		91	75 - 121
1,2-Dibromo-3-Chloropropane	2500	1960		ug/Kg		79	60 - 121
1,2-Dibromoethane	2500	2270		ug/Kg		91	70 - 120
1,2-Dichlorobenzene	2500	2150		ug/Kg		86	75 - 120
1,2-Dichloroethane	2500	2410		ug/Kg		96	69 - 120
1,2-Dichloropropane	2500	2350		ug/Kg		94	70 - 120
1,3,5-Trimethylbenzene	2500	2380		ug/Kg		95	75 - 123
1,3-Dichlorobenzene	2500	2140		ug/Kg		85	70 - 120
1,3-Dichloropropane	2500	2130		ug/Kg		85	70 - 120
1,4-Dichlorobenzene	2500	2290		ug/Kg		91	75 - 120
2,2-Dichloropropane	2500	2390		ug/Kg		95	67 - 125
2-Chlorotoluene	2500	2220		ug/Kg		89	70 - 120
4-Chlorotoluene	2500	2110		ug/Kg		84	70 - 120
Benzene	2500	2290		ug/Kg		91	70 - 120

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

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

Lab Sample ID: LCS 500-177578/20-A

Matrix: Solid

Analysis Batch: 177772

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 177578

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromobenzene	2500	2470		ug/Kg		99	70 - 120
Bromochloromethane	2500	2550		ug/Kg		102	67 - 122
Bromodichloromethane	2500	2250		ug/Kg		90	70 - 120
Bromoform	2500	2260		ug/Kg		90	70 - 125
Bromomethane	2500	2480		ug/Kg		99	50 - 150
Carbon tetrachloride	2500	2600		ug/Kg		104	70 - 125
Chlorobenzene	2500	2110		ug/Kg		84	70 - 120
Chloroethane	2500	2040		ug/Kg		82	50 - 150
Chloroform	2500	2460		ug/Kg		98	70 - 120
Chloromethane	2500	1970		ug/Kg		79	50 - 134
cis-1,2-Dichloroethene	2500	2430		ug/Kg		97	70 - 120
cis-1,3-Dichloropropene	2690	2430		ug/Kg		90	70 - 120
Dibromochloromethane	2500	2320		ug/Kg		93	70 - 120
Dibromomethane	2500	2400		ug/Kg		96	70 - 120
Dichlorodifluoromethane	2500	1640		ug/Kg		65	40 - 140
Ethylbenzene	2500	2260		ug/Kg		90	75 - 120
Hexachlorobutadiene	2500	2050		ug/Kg		82	70 - 135
Isopropylbenzene	2500	2210		ug/Kg		88	70 - 120
Methyl tert-butyl ether	2500	2230		ug/Kg		89	58 - 122
Methylene Chloride	2500	2350		ug/Kg		94	65 - 125
Naphthalene	2500	1810		ug/Kg		72	55 - 132
n-Butylbenzene	2500	2040		ug/Kg		82	75 - 120
N-Propylbenzene	2500	2130		ug/Kg		85	70 - 120
p-Isopropyltoluene	2500	2120		ug/Kg		85	70 - 120
sec-Butylbenzene	2500	2130		ug/Kg		85	70 - 120
Styrene	2500	2270		ug/Kg		91	75 - 120
tert-Butylbenzene	2500	2160		ug/Kg		86	70 - 120
Tetrachloroethene	2500	2370		ug/Kg		95	70 - 123
Toluene	2500	2220		ug/Kg		89	70 - 120
trans-1,2-Dichloroethene	2500	2520		ug/Kg		101	70 - 124
trans-1,3-Dichloropropene	2430	2250		ug/Kg		93	70 - 120
Trichloroethene	2500	2340		ug/Kg		93	70 - 120
Trichlorofluoromethane	2500	2100		ug/Kg		84	63 - 134
Vinyl chloride	2500	2020		ug/Kg		81	62 - 138
Xylenes, Total	7500	6270		ug/Kg		84	70 - 120

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	99		75 - 125
4-Bromofluorobenzene (Surr)	93		75 - 120
Dibromofluoromethane	99		75 - 120
Toluene-d8 (Surr)	96		75 - 120

Lab Sample ID: 500-54526-1 MS

Matrix: Solid

Analysis Batch: 177596

Client Sample ID: B-55 0-2'

Prep Type: Total/NA

Prep Batch: 177578

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	<55		8010	8500		ug/Kg	☼	106	75 - 120

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

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

Lab Sample ID: 500-54526-1 MS

Matrix: Solid

Analysis Batch: 177596

Client Sample ID: B-55 0-2'

Prep Type: Total/NA

Prep Batch: 177578

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier	Added	Result	Qualifier				
1,1,1-Trichloroethane	<32		8010	8490		ug/Kg	*	106	70 - 123
1,1,1,2,2-Tetrachloroethane	<38		8010	8630		ug/Kg	*	108	70 - 128
1,1,2-Trichloroethane	<45		8010	7830		ug/Kg	*	98	69 - 120
1,1-Dichloroethane	<30		8010	8430		ug/Kg	*	105	68 - 121
1,1-Dichloroethene	<49		8010	7750		ug/Kg	*	97	58 - 122
1,1-Dichloropropene	<55		8010	7940		ug/Kg	*	99	70 - 120
1,2,3-Trichlorobenzene	<56		8010	6920		ug/Kg	*	86	56 - 137
1,2,3-Trichloropropane	<92		8010	7430		ug/Kg	*	93	70 - 120
1,2,4-Trichlorobenzene	<61		8010	6300		ug/Kg	*	79	65 - 121
1,2,4-Trimethylbenzene	460		8010	8270		ug/Kg	*	98	75 - 121
1,2-Dibromo-3-Chloropropane	<140		8010	7730		ug/Kg	*	97	60 - 121
1,2-Dibromoethane	<50		8010	8090		ug/Kg	*	101	70 - 120
1,2-Dichlorobenzene	<33		8010	7700		ug/Kg	*	96	75 - 120
1,2-Dichloroethane	<46		8010	8490		ug/Kg	*	106	69 - 120
1,2-Dichloropropane	<31		8010	8300		ug/Kg	*	104	70 - 120
1,3,5-Trimethylbenzene	200	J	8010	8310		ug/Kg	*	101	75 - 123
1,3-Dichlorobenzene	<41		8010	7360		ug/Kg	*	92	70 - 120
1,3-Dichloropropane	<21		8010	7820		ug/Kg	*	98	70 - 120
1,4-Dichlorobenzene	<28		8010	7850		ug/Kg	*	98	75 - 120
2,2-Dichloropropane	<51		8010	7950		ug/Kg	*	99	67 - 125
2-Chlorotoluene	<33		8010	7530		ug/Kg	*	94	70 - 120
4-Chlorotoluene	<32		8010	7190		ug/Kg	*	90	70 - 120
Benzene	<12		8010	7900		ug/Kg	*	99	70 - 120
Bromobenzene	<68		8010	8390		ug/Kg	*	105	70 - 120
Bromochloromethane	<61		8010	9180		ug/Kg	*	115	67 - 122
Bromodichloromethane	<54		8010	7980		ug/Kg	*	100	70 - 120
Bromoform	<71		8010	8190		ug/Kg	*	102	70 - 125
Bromomethane	<110		8010	8330		ug/Kg	*	104	50 - 150
Carbon tetrachloride	<41		8010	8850		ug/Kg	*	110	70 - 125
Chlorobenzene	<23		8010	7400		ug/Kg	*	92	70 - 120
Chloroethane	<70		8010	6160		ug/Kg	*	77	50 - 150
Chloroform	<33		8010	8490		ug/Kg	*	106	70 - 120
Chloromethane	<74		8010	6180		ug/Kg	*	77	50 - 134
cis-1,2-Dichloroethene	<20		8010	8400		ug/Kg	*	105	70 - 120
cis-1,3-Dichloropropene	<29		8610	8520		ug/Kg	*	99	70 - 120
Dibromochloromethane	<55		8010	8390		ug/Kg	*	105	70 - 120
Dibromomethane	<77		8010	8420		ug/Kg	*	105	70 - 120
Dichlorodifluoromethane	<82		8010	4030		ug/Kg	*	50	40 - 140
Ethylbenzene	79		8010	8120		ug/Kg	*	100	75 - 120
Hexachlorobutadiene	<55		8010	7110		ug/Kg	*	89	70 - 135
Isopropylbenzene	<40		8010	7670		ug/Kg	*	96	70 - 120
Methyl tert-butyl ether	<69		8010	7950		ug/Kg	*	99	58 - 122
Methylene Chloride	<110		8010	8270		ug/Kg	*	103	65 - 125
Naphthalene	700		8010	8790		ug/Kg	*	101	55 - 132
n-Butylbenzene	<21		8010	7070		ug/Kg	*	88	75 - 120
N-Propylbenzene	<28		8010	7210		ug/Kg	*	90	70 - 120
p-Isopropyltoluene	<30		8010	7310		ug/Kg	*	91	70 - 120
sec-Butylbenzene	<25		8010	7360		ug/Kg	*	92	70 - 120

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

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

Lab Sample ID: 500-54526-1 MS

Matrix: Solid

Analysis Batch: 177596

Client Sample ID: B-55 0-2'

Prep Type: Total/NA

Prep Batch: 177578

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier	Added	Result	Qualifier				
Styrene	<16		8010	8080		ug/Kg	☼	101	75 - 120
tert-Butylbenzene	<22		8010	7650		ug/Kg	☼	95	70 - 120
Tetrachloroethene	<27		8010	8230		ug/Kg	☼	103	70 - 123
Toluene	220		8010	7800		ug/Kg	☼	95	70 - 120
trans-1,2-Dichloroethene	<40		8010	8610		ug/Kg	☼	108	70 - 124
trans-1,3-Dichloropropene	<33		7790	7750		ug/Kg	☼	99	70 - 120
Trichloroethene	<30		8010	8070		ug/Kg	☼	101	70 - 120
Trichlorofluoromethane	<67		8010	8160		ug/Kg	☼	102	63 - 134
Vinyl chloride	<17		8010	6810		ug/Kg	☼	85	62 - 138
Xylenes, Total	860		24000	23000		ug/Kg	☼	92	70 - 120
MS MS									
Surrogate	%Recovery	Qualifier	Limits						
1,2-Dichloroethane-d4 (Surr)	105		75 - 125						
4-Bromofluorobenzene (Surr)	97		75 - 120						
Dibromofluoromethane	104		75 - 120						
Toluene-d8 (Surr)	95		75 - 120						

Lab Sample ID: 500-54526-1 MSD

Matrix: Solid

Analysis Batch: 177596

Client Sample ID: B-55 0-2'

Prep Type: Total/NA

Prep Batch: 177578

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
	Result	Qualifier	Added	Result	Qualifier						
1,1,1,2-Tetrachloroethane	<55		8010	8400		ug/Kg	☼	105	75 - 120	1	30
1,1,1-Trichloroethane	<32		8010	8080		ug/Kg	☼	101	70 - 123	5	30
1,1,1,2,2-Tetrachloroethane	<38		8010	8110		ug/Kg	☼	101	70 - 128	6	30
1,1,1,2-Trichloroethane	<45		8010	7350		ug/Kg	☼	92	69 - 120	6	30
1,1-Dichloroethane	<30		8010	7870		ug/Kg	☼	98	68 - 121	7	30
1,1-Dichloroethene	<49		8010	6990		ug/Kg	☼	87	58 - 122	10	30
1,1-Dichloropropene	<55		8010	7380		ug/Kg	☼	92	70 - 120	7	30
1,2,3-Trichlorobenzene	<56		8010	6990		ug/Kg	☼	87	56 - 137	1	30
1,2,3-Trichloropropane	<92		8010	7340		ug/Kg	☼	92	70 - 120	1	30
1,2,4-Trichlorobenzene	<61		8010	6490		ug/Kg	☼	81	65 - 121	3	30
1,2,4-Trimethylbenzene	460		8010	8140		ug/Kg	☼	96	75 - 121	2	30
1,2-Dibromo-3-Chloropropane	<140		8010	7700		ug/Kg	☼	96	60 - 121	0	30
1,2-Dibromoethane	<50		8010	7870		ug/Kg	☼	98	70 - 120	3	30
1,2-Dichlorobenzene	<33		8010	7550		ug/Kg	☼	94	75 - 120	2	30
1,2-Dichloroethane	<46		8010	8010		ug/Kg	☼	100	69 - 120	6	30
1,2-Dichloropropane	<31		8010	7980		ug/Kg	☼	100	70 - 120	4	30
1,3,5-Trimethylbenzene	200 J		8010	8020		ug/Kg	☼	98	75 - 123	4	30
1,3-Dichlorobenzene	<41		8010	7040		ug/Kg	☼	88	70 - 120	4	30
1,3-Dichloropropane	<21		8010	7460		ug/Kg	☼	93	70 - 120	5	30
1,4-Dichlorobenzene	<28		8010	7570		ug/Kg	☼	94	75 - 120	4	30
2,2-Dichloropropane	<51		8010	7790		ug/Kg	☼	97	67 - 125	2	30
2-Chlorotoluene	<33		8010	7230		ug/Kg	☼	90	70 - 120	4	30
4-Chlorotoluene	<32		8010	7060		ug/Kg	☼	88	70 - 120	2	30
Benzene	<12		8010	7460		ug/Kg	☼	93	70 - 120	6	30
Bromobenzene	<68		8010	8150		ug/Kg	☼	102	70 - 120	3	30
Bromochloromethane	<61		8010	8530		ug/Kg	☼	106	67 - 122	7	30

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

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

Lab Sample ID: 500-54526-1 MSD

Matrix: Solid

Analysis Batch: 177596

Client Sample ID: B-55 0-2'

Prep Type: Total/NA

Prep Batch: 177578

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Bromodichloromethane	<54		8010	7630		ug/Kg	*	95	70 - 120	5	30
Bromoform	<71		8010	8030		ug/Kg	*	100	70 - 125	2	30
Bromomethane	<110		8010	7800		ug/Kg	*	97	50 - 150	7	30
Carbon tetrachloride	<41		8010	8410		ug/Kg	*	105	70 - 125	5	30
Chlorobenzene	<23		8010	7180		ug/Kg	*	90	70 - 120	3	30
Chloroethane	<70		8010	5700		ug/Kg	*	71	50 - 150	8	30
Chloroform	<33		8010	8080		ug/Kg	*	101	70 - 120	5	30
Chloromethane	<74		8010	6050		ug/Kg	*	75	50 - 134	2	30
cis-1,2-Dichloroethene	<20		8010	7970		ug/Kg	*	99	70 - 120	5	30
cis-1,3-Dichloropropene	<29		8610	8230		ug/Kg	*	96	70 - 120	3	30
Dibromochloromethane	<55		8010	8050		ug/Kg	*	100	70 - 120	4	30
Dibromomethane	<77		8010	8050		ug/Kg	*	100	70 - 120	5	30
Dichlorodifluoromethane	<82		8010	3830		ug/Kg	*	48	40 - 140	5	30
Ethylbenzene	79		8010	7900		ug/Kg	*	98	75 - 120	3	30
Hexachlorobutadiene	<55		8010	7280		ug/Kg	*	91	70 - 135	2	30
Isopropylbenzene	<40		8010	7260		ug/Kg	*	91	70 - 120	5	30
Methyl tert-butyl ether	<69		8010	7470		ug/Kg	*	93	58 - 122	6	30
Methylene Chloride	<110		8010	8050		ug/Kg	*	100	65 - 125	3	30
Naphthalene	700		8010	8520		ug/Kg	*	98	55 - 132	3	30
n-Butylbenzene	<21		8010	6980		ug/Kg	*	87	75 - 120	1	30
N-Propylbenzene	<28		8010	6900		ug/Kg	*	86	70 - 120	4	30
p-Isopropyltoluene	<30		8010	7180		ug/Kg	*	90	70 - 120	2	30
sec-Butylbenzene	<25		8010	7110		ug/Kg	*	89	70 - 120	4	30
Styrene	<16		8010	7910		ug/Kg	*	99	75 - 120	2	30
tert-Butylbenzene	<22		8010	7340		ug/Kg	*	92	70 - 120	4	30
Tetrachloroethene	<27		8010	7830		ug/Kg	*	98	70 - 123	5	30
Toluene	220		8010	7530		ug/Kg	*	91	70 - 120	4	30
trans-1,2-Dichloroethene	<40		8010	8140		ug/Kg	*	102	70 - 124	6	30
trans-1,3-Dichloropropene	<33		7790	7330		ug/Kg	*	94	70 - 120	6	30
Trichloroethene	<30		8010	7690		ug/Kg	*	96	70 - 120	5	30
Trichlorofluoromethane	<67		8010	7830		ug/Kg	*	98	63 - 134	4	30
Vinyl chloride	<17		8010	6560		ug/Kg	*	82	62 - 138	4	30
Xylenes, Total	860		24000	22300		ug/Kg	*	89	70 - 120	3	30

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	99		75 - 125
4-Bromofluorobenzene (Surr)	98		75 - 120
Dibromofluoromethane	98		75 - 120
Toluene-d8 (Surr)	92		75 - 120

Lab Sample ID: 500-54526-10 MS

Matrix: Solid

Analysis Batch: 177772

Client Sample ID: B-113 15'

Prep Type: Total/NA

Prep Batch: 177578

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
1,1,1,2-Tetrachloroethane	<25		3640	4000		ug/Kg	*	110	75 - 120		
1,1,1,1-Trichloroethane	<15		3640	4000		ug/Kg	*	110	70 - 123		
1,1,1,2-Tetrachloroethane	<17		3640	3810		ug/Kg	*	105	70 - 128		

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

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

Lab Sample ID: 500-54526-10 MS

Matrix: Solid

Analysis Batch: 177772

Client Sample ID: B-113 15'

Prep Type: Total/NA

Prep Batch: 177578

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier	Added	Result	Qualifier				
1,1,2-Trichloroethane	<20		3640	3660		ug/Kg	*	101	69 - 120
1,1-Dichloroethane	<13		3640	3890		ug/Kg	*	107	68 - 121
1,1-Dichloroethene	<22		3640	3400		ug/Kg	*	93	58 - 122
1,1-Dichloropropene	<25		3640	3680		ug/Kg	*	101	70 - 120
1,2,3-Trichlorobenzene	<25		3640	3260		ug/Kg	*	89	56 - 137
1,2,3-Trichloropropane	<42		3640	3440		ug/Kg	*	94	70 - 120
1,2,4-Trichlorobenzene	<28		3640	3080		ug/Kg	*	85	65 - 121
1,2,4-Trimethylbenzene	<15		3640	3740		ug/Kg	*	103	75 - 121
1,2-Dibromo-3-Chloropropane	<63		3640	3540		ug/Kg	*	97	60 - 121
1,2-Dibromoethane	<23		3640	3600		ug/Kg	*	99	70 - 120
1,2-Dichlorobenzene	<15		3640	3680		ug/Kg	*	101	75 - 120
1,2-Dichloroethane	<21		3640	3750		ug/Kg	*	103	69 - 120
1,2-Dichloropropane	<14		3640	3730		ug/Kg	*	102	70 - 120
1,3,5-Trimethylbenzene	<15		3640	3840		ug/Kg	*	106	75 - 123
1,3-Dichlorobenzene	<19		3640	3430		ug/Kg	*	94	70 - 120
1,3-Dichloropropane	<9.8		3640	3600		ug/Kg	*	99	70 - 120
1,4-Dichlorobenzene	<13		3640	3750		ug/Kg	*	103	75 - 120
2,2-Dichloropropane	<23		3640	3680		ug/Kg	*	101	67 - 125
2-Chlorotoluene	<15		3640	3520		ug/Kg	*	97	70 - 120
4-Chlorotoluene	<14		3640	3320		ug/Kg	*	91	70 - 120
Benzene	<5.4		3640	3540		ug/Kg	*	97	70 - 120
Bromobenzene	<31		3640	3930		ug/Kg	*	108	70 - 120
Bromochloromethane	<28		3640	4080		ug/Kg	*	112	67 - 122
Bromodichloromethane	<25		3640	3590		ug/Kg	*	99	70 - 120
Bromoform	<32		3640	3920		ug/Kg	*	108	70 - 125
Bromomethane	<50		3640	3980		ug/Kg	*	109	50 - 150
Carbon tetrachloride	<19		3640	3990		ug/Kg	*	110	70 - 125
Chlorobenzene	<10		3640	3470		ug/Kg	*	95	70 - 120
Chloroethane	<32		3640	2860		ug/Kg	*	79	50 - 150
Chloroform	<15		3640	3880		ug/Kg	*	107	70 - 120
Chloromethane	<34		3640	3910		ug/Kg	*	107	50 - 134
cis-1,2-Dichloroethene	<9.0		3640	3820		ug/Kg	*	105	70 - 120
cis-1,3-Dichloropropene	<13		3910	3880		ug/Kg	*	99	70 - 120
Dibromochloromethane	<25		3640	3990		ug/Kg	*	110	70 - 120
Dibromomethane	<35		3640	3800		ug/Kg	*	104	70 - 120
Dichlorodifluoromethane	<37		3640	3760		ug/Kg	*	103	40 - 140
Ethylbenzene	<9.2		3640	3740		ug/Kg	*	103	75 - 120
Hexachlorobutadiene	<25		3640	3600		ug/Kg	*	99	70 - 135
Isopropylbenzene	<18		3640	3550		ug/Kg	*	97	70 - 120
Methyl tert-butyl ether	<31		3640	3610		ug/Kg	*	99	58 - 122
Methylene Chloride	<50		3640	3720		ug/Kg	*	102	65 - 125
Naphthalene	<36		3640	3900		ug/Kg	*	107	55 - 132
n-Butylbenzene	<9.4		3640	3330		ug/Kg	*	92	75 - 120
N-Propylbenzene	<13		3640	3360		ug/Kg	*	92	70 - 120
p-Isopropyltoluene	<13		3640	3480		ug/Kg	*	96	70 - 120
sec-Butylbenzene	<11		3640	3530		ug/Kg	*	97	70 - 120
Styrene	<7.2		3640	3770		ug/Kg	*	104	75 - 120
tert-Butylbenzene	<9.9		3640	3570		ug/Kg	*	98	70 - 120

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

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

Lab Sample ID: 500-54526-10 MS

Matrix: Solid

Analysis Batch: 177772

Client Sample ID: B-113 15'

Prep Type: Total/NA

Prep Batch: 177578

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier	Added	Result	Qualifier				
Tetrachloroethene	<12		3640	3930		ug/Kg	☼	108	70 - 123
Toluene	<8.4		3640	3530		ug/Kg	☼	97	70 - 120
trans-1,2-Dichloroethene	<18		3640	3840		ug/Kg	☼	106	70 - 124
trans-1,3-Dichloropropene	<15		3540	3500		ug/Kg	☼	99	70 - 120
Trichloroethene	<14		3640	3800		ug/Kg	☼	104	70 - 120
Trichlorofluoromethane	<30		3640	3840		ug/Kg	☼	105	63 - 134
Vinyl chloride	<7.6		3640	3830		ug/Kg	☼	105	62 - 138
Xylenes, Total	9.7	J	10900	10400		ug/Kg	☼	95	70 - 120

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	98		75 - 125
4-Bromofluorobenzene (Surr)	92		75 - 120
Dibromofluoromethane	99		75 - 120
Toluene-d8 (Surr)	93		75 - 120

Lab Sample ID: 500-54526-10 MSD

Matrix: Solid

Analysis Batch: 177772

Client Sample ID: B-113 15'

Prep Type: Total/NA

Prep Batch: 177578

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
	Result	Qualifier	Added	Result	Qualifier						
1,1,1,2-Tetrachloroethane	<25		3640	4040		ug/Kg	☼	111	75 - 120	1	30
1,1,1-Trichloroethane	<15		3640	3790		ug/Kg	☼	104	70 - 123	5	30
1,1,1,2,2-Tetrachloroethane	<17		3640	3870		ug/Kg	☼	106	70 - 128	1	30
1,1,1,2-Trichloroethane	<20		3640	3490		ug/Kg	☼	96	69 - 120	5	30
1,1-Dichloroethane	<13		3640	3740		ug/Kg	☼	103	68 - 121	4	30
1,1-Dichloroethene	<22		3640	3400		ug/Kg	☼	93	58 - 122	0	30
1,1-Dichloropropene	<25		3640	3500		ug/Kg	☼	96	70 - 120	5	30
1,2,3-Trichlorobenzene	<25		3640	3160		ug/Kg	☼	87	56 - 137	3	30
1,2,3-Trichloropropane	<42		3640	3430		ug/Kg	☼	94	70 - 120	0	30
1,2,4-Trichlorobenzene	<28		3640	2970		ug/Kg	☼	82	65 - 121	3	30
1,2,4-Trimethylbenzene	<15		3640	3600		ug/Kg	☼	99	75 - 121	4	30
1,2-Dibromo-3-Chloropropane	<63		3640	3380		ug/Kg	☼	93	60 - 121	5	30
1,2-Dibromoethane	<23		3640	3550		ug/Kg	☼	97	70 - 120	2	30
1,2-Dichlorobenzene	<15		3640	3540		ug/Kg	☼	97	75 - 120	4	30
1,2-Dichloroethane	<21		3640	3730		ug/Kg	☼	102	69 - 120	1	30
1,2-Dichloropropane	<14		3640	3680		ug/Kg	☼	101	70 - 120	1	30
1,3,5-Trimethylbenzene	<15		3640	3740		ug/Kg	☼	103	75 - 123	3	30
1,3-Dichlorobenzene	<19		3640	3380		ug/Kg	☼	93	70 - 120	2	30
1,3-Dichloropropane	<9.8		3640	3560		ug/Kg	☼	98	70 - 120	1	30
1,4-Dichlorobenzene	<13		3640	3650		ug/Kg	☼	100	75 - 120	3	30
2,2-Dichloropropane	<23		3640	3460		ug/Kg	☼	95	67 - 125	6	30
2-Chlorotoluene	<15		3640	3430		ug/Kg	☼	94	70 - 120	3	30
4-Chlorotoluene	<14		3640	3230		ug/Kg	☼	89	70 - 120	3	30
Benzene	<5.4		3640	3460		ug/Kg	☼	95	70 - 120	2	30
Bromobenzene	<31		3640	3830		ug/Kg	☼	105	70 - 120	3	30
Bromochloromethane	<28		3640	4180		ug/Kg	☼	115	67 - 122	2	30
Bromodichloromethane	<25		3640	3630		ug/Kg	☼	100	70 - 120	1	30
Bromoform	<32		3640	3710		ug/Kg	☼	102	70 - 125	6	30

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

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

Lab Sample ID: 500-54526-10 MSD

Matrix: Solid

Analysis Batch: 177772

Client Sample ID: B-113 15'

Prep Type: Total/NA

Prep Batch: 177578

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Bromomethane	<50		3640	4240		ug/Kg	*	117	50 - 150	6	30
Carbon tetrachloride	<19		3640	3850		ug/Kg	*	106	70 - 125	3	30
Chlorobenzene	<10		3640	3410		ug/Kg	*	94	70 - 120	2	30
Chloroethane	<32		3640	2960		ug/Kg	*	81	50 - 150	4	30
Chloroform	<15		3640	3760		ug/Kg	*	103	70 - 120	3	30
Chloromethane	<34		3640	3900		ug/Kg	*	107	50 - 134	0	30
cis-1,2-Dichloroethene	<9.0		3640	3760		ug/Kg	*	103	70 - 120	2	30
cis-1,3-Dichloropropene	<13		3910	3760		ug/Kg	*	96	70 - 120	3	30
Dibromochloromethane	<25		3640	3830		ug/Kg	*	105	70 - 120	4	30
Dibromomethane	<35		3640	3600		ug/Kg	*	99	70 - 120	5	30
Dichlorodifluoromethane	<37		3640	3760		ug/Kg	*	103	40 - 140	0	30
Ethylbenzene	<9.2		3640	3680		ug/Kg	*	101	75 - 120	2	30
Hexachlorobutadiene	<25		3640	3300		ug/Kg	*	91	70 - 135	9	30
Isopropylbenzene	<18		3640	3500		ug/Kg	*	96	70 - 120	1	30
Methyl tert-butyl ether	<31		3640	3650		ug/Kg	*	100	58 - 122	1	30
Methylene Chloride	<50		3640	3610		ug/Kg	*	99	65 - 125	3	30
Naphthalene	<36		3640	3630		ug/Kg	*	100	55 - 132	7	30
n-Butylbenzene	<9.4		3640	3200		ug/Kg	*	88	75 - 120	4	30
N-Propylbenzene	<13		3640	3240		ug/Kg	*	89	70 - 120	4	30
p-Isopropyltoluene	<13		3640	3350		ug/Kg	*	92	70 - 120	4	30
sec-Butylbenzene	<11		3640	3370		ug/Kg	*	93	70 - 120	5	30
Styrene	<7.2		3640	3720		ug/Kg	*	102	75 - 120	1	30
tert-Butylbenzene	<9.9		3640	3530		ug/Kg	*	97	70 - 120	1	30
Tetrachloroethene	<12		3640	3820		ug/Kg	*	105	70 - 123	3	30
Toluene	<8.4		3640	3360		ug/Kg	*	92	70 - 120	5	30
trans-1,2-Dichloroethene	<18		3640	3770		ug/Kg	*	103	70 - 124	2	30
trans-1,3-Dichloropropene	<15		3540	3500		ug/Kg	*	99	70 - 120	0	30
Trichloroethene	<14		3640	3560		ug/Kg	*	98	70 - 120	7	30
Trichlorofluoromethane	<30		3640	3770		ug/Kg	*	103	63 - 134	2	30
Vinyl chloride	<7.6		3640	3770		ug/Kg	*	104	62 - 138	2	30
Xylenes, Total	9.7	J	10900	10300		ug/Kg	*	94	70 - 120	1	30

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	97		75 - 125
4-Bromofluorobenzene (Surr)	93		75 - 120
Dibromofluoromethane	102		75 - 120
Toluene-d8 (Surr)	92		75 - 120

Lab Sample ID: LB3 500-177579/18-A LB3

Matrix: Solid

Analysis Batch: 177955

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 177579

Analyte	LB3	LB3	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1,2-Tetrachloroethane	<17		100	17	ug/Kg		02/14/13 01:00	02/19/13 13:36	50
1,1,1,1-Trichloroethane	<10		50	10	ug/Kg		02/14/13 01:00	02/19/13 13:36	50
1,1,1,2,2-Tetrachloroethane	<12		50	12	ug/Kg		02/14/13 01:00	02/19/13 13:36	50
1,1,1,2-Trichloroethane	<14		50	14	ug/Kg		02/14/13 01:00	02/19/13 13:36	50
1,1-Dichloroethane	<9.3		50	9.3	ug/Kg		02/14/13 01:00	02/19/13 13:36	50

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

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

Lab Sample ID: LB3 500-177579/18-A LB3

Matrix: Solid

Analysis Batch: 177955

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 177579

Analyte	LB3	LB3	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1-Dichloroethene	<15		50	15	ug/Kg		02/14/13 01:00	02/19/13 13:36	50
1,1-Dichloropropene	<17		50	17	ug/Kg		02/14/13 01:00	02/19/13 13:36	50
1,2,3-Trichlorobenzene	<18		100	18	ug/Kg		02/14/13 01:00	02/19/13 13:36	50
1,2,3-Trichloropropane	<29		100	29	ug/Kg		02/14/13 01:00	02/19/13 13:36	50
1,2,4-Trichlorobenzene	<19		100	19	ug/Kg		02/14/13 01:00	02/19/13 13:36	50
1,2,4-Trimethylbenzene	<11		100	11	ug/Kg		02/14/13 01:00	02/19/13 13:36	50
1,2-Dibromo-3-Chloropropane	<44		100	44	ug/Kg		02/14/13 01:00	02/19/13 13:36	50
1,2-Dibromoethane	<16		100	16	ug/Kg		02/14/13 01:00	02/19/13 13:36	50
1,2-Dichlorobenzene	<10		100	10	ug/Kg		02/14/13 01:00	02/19/13 13:36	50
1,2-Dichloroethane	<14		50	14	ug/Kg		02/14/13 01:00	02/19/13 13:36	50
1,2-Dichloropropane	<9.8		50	9.8	ug/Kg		02/14/13 01:00	02/19/13 13:36	50
1,3,5-Trimethylbenzene	<10		100	10	ug/Kg		02/14/13 01:00	02/19/13 13:36	50
1,3-Dichlorobenzene	<13		100	13	ug/Kg		02/14/13 01:00	02/19/13 13:36	50
1,3-Dichloropropane	<6.7		50	6.7	ug/Kg		02/14/13 01:00	02/19/13 13:36	50
1,4-Dichlorobenzene	<8.7		100	8.7	ug/Kg		02/14/13 01:00	02/19/13 13:36	50
2,2-Dichloropropane	<16		50	16	ug/Kg		02/14/13 01:00	02/19/13 13:36	50
2-Chlorotoluene	<10		50	10	ug/Kg		02/14/13 01:00	02/19/13 13:36	50
4-Chlorotoluene	<9.9		50	9.9	ug/Kg		02/14/13 01:00	02/19/13 13:36	50
Benzene	<3.7		13	3.7	ug/Kg		02/14/13 01:00	02/19/13 13:36	50
Bromobenzene	<21		100	21	ug/Kg		02/14/13 01:00	02/19/13 13:36	50
Bromochloromethane	<19		100	19	ug/Kg		02/14/13 01:00	02/19/13 13:36	50
Bromodichloromethane	<17		100	17	ug/Kg		02/14/13 01:00	02/19/13 13:36	50
Bromoform	<22		100	22	ug/Kg		02/14/13 01:00	02/19/13 13:36	50
Bromomethane	<34		100	34	ug/Kg		02/14/13 01:00	02/19/13 13:36	50
Carbon tetrachloride	<13		50	13	ug/Kg		02/14/13 01:00	02/19/13 13:36	50
Chlorobenzene	<7.2		50	7.2	ug/Kg		02/14/13 01:00	02/19/13 13:36	50
Chloroethane	<22		100	22	ug/Kg		02/14/13 01:00	02/19/13 13:36	50
Chloroform	<10		50	10	ug/Kg		02/14/13 01:00	02/19/13 13:36	50
Chloromethane	<23		100	23	ug/Kg		02/14/13 01:00	02/19/13 13:36	50
cis-1,2-Dichloroethene	<6.2		50	6.2	ug/Kg		02/14/13 01:00	02/19/13 13:36	50
cis-1,3-Dichloropropene	<8.9		50	8.9	ug/Kg		02/14/13 01:00	02/19/13 13:36	50
Dibromochloromethane	<17		100	17	ug/Kg		02/14/13 01:00	02/19/13 13:36	50
Dibromomethane	<24		100	24	ug/Kg		02/14/13 01:00	02/19/13 13:36	50
Dichlorodifluoromethane	<26		100	26	ug/Kg		02/14/13 01:00	02/19/13 13:36	50
Ethylbenzene	<6.3		13	6.3	ug/Kg		02/14/13 01:00	02/19/13 13:36	50
Hexachlorobutadiene	<17		100	17	ug/Kg		02/14/13 01:00	02/19/13 13:36	50
Isopropyl ether	<7.4		100	7.4	ug/Kg		02/14/13 01:00	02/19/13 13:36	50
Isopropylbenzene	<13		100	13	ug/Kg		02/14/13 01:00	02/19/13 13:36	50
Methyl tert-butyl ether	<22		100	22	ug/Kg		02/14/13 01:00	02/19/13 13:36	50
Methylene Chloride	<34		250	34	ug/Kg		02/14/13 01:00	02/19/13 13:36	50
Naphthalene	<25		100	25	ug/Kg		02/14/13 01:00	02/19/13 13:36	50
n-Butylbenzene	<6.5		50	6.5	ug/Kg		02/14/13 01:00	02/19/13 13:36	50
N-Propylbenzene	<8.8		100	8.8	ug/Kg		02/14/13 01:00	02/19/13 13:36	50
p-Isopropyltoluene	<9.3		100	9.3	ug/Kg		02/14/13 01:00	02/19/13 13:36	50
sec-Butylbenzene	<7.7		50	7.7	ug/Kg		02/14/13 01:00	02/19/13 13:36	50
Styrene	<4.9		50	4.9	ug/Kg		02/14/13 01:00	02/19/13 13:36	50
tert-Butylbenzene	<6.8		50	6.8	ug/Kg		02/14/13 01:00	02/19/13 13:36	50
Tetrachloroethene	<8.4		50	8.4	ug/Kg		02/14/13 01:00	02/19/13 13:36	50

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

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

Lab Sample ID: LB3 500-177579/18-A LB3

Matrix: Solid

Analysis Batch: 177955

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 177579

Analyte	LB3 LB3		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Toluene	<5.8		13	5.8	ug/Kg		02/14/13 01:00	02/19/13 13:36	50
trans-1,2-Dichloroethene	<13		50	13	ug/Kg		02/14/13 01:00	02/19/13 13:36	50
trans-1,3-Dichloropropene	<10		50	10	ug/Kg		02/14/13 01:00	02/19/13 13:36	50
Trichloroethene	<9.3		25	9.3	ug/Kg		02/14/13 01:00	02/19/13 13:36	50
Trichlorofluoromethane	<21		100	21	ug/Kg		02/14/13 01:00	02/19/13 13:36	50
Vinyl chloride	<5.2		13	5.2	ug/Kg		02/14/13 01:00	02/19/13 13:36	50
Xylenes, Total	<3.4		25	3.4	ug/Kg		02/14/13 01:00	02/19/13 13:36	50

Surrogate	LB3 LB3		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	106		75 - 125	02/14/13 01:00	02/19/13 13:36	50
4-Bromofluorobenzene (Surr)	97		75 - 120	02/14/13 01:00	02/19/13 13:36	50
Dibromofluoromethane	88		75 - 120	02/14/13 01:00	02/19/13 13:36	50
Toluene-d8 (Surr)	91		75 - 120	02/14/13 01:00	02/19/13 13:36	50

Lab Sample ID: LCS 500-177579/19-A

Matrix: Solid

Analysis Batch: 177955

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 177579

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	2500	2090		ug/Kg		84	70 - 123
1,1,1,2-Tetrachloroethane	2500	2160		ug/Kg		86	70 - 128
1,1,2-Trichloroethane	2500	2020		ug/Kg		81	69 - 120
1,1-Dichloroethane	2500	2070		ug/Kg		83	68 - 121
1,1-Dichloroethene	2500	1880		ug/Kg		75	58 - 122
1,1-Dichloropropene	2500	1990		ug/Kg		80	70 - 120
1,2,3-Trichlorobenzene	2500	1980		ug/Kg		79	56 - 137
1,2,3-Trichloropropane	2500	1960		ug/Kg		78	70 - 120
1,2,4-Trichlorobenzene	2500	1890		ug/Kg		76	65 - 121
1,2,4-Trimethylbenzene	2500	2090		ug/Kg		84	75 - 121
1,2-Dibromo-3-Chloropropane	2500	2150		ug/Kg		86	60 - 121
1,2-Dibromoethane	2500	2290		ug/Kg		92	70 - 120
1,2-Dichlorobenzene	2500	2040		ug/Kg		82	75 - 120
1,2-Dichloroethane	2500	2360		ug/Kg		94	69 - 120
1,2-Dichloropropane	2500	2150		ug/Kg		86	70 - 120
1,3,5-Trimethylbenzene	2500	2160		ug/Kg		86	75 - 123
1,3-Dichlorobenzene	2500	2000		ug/Kg		80	70 - 120
1,3-Dichloropropane	2500	2160		ug/Kg		87	70 - 120
1,4-Dichlorobenzene	2500	2140		ug/Kg		86	75 - 120
2,2-Dichloropropane	2500	2000		ug/Kg		80	67 - 125
2-Chlorotoluene	2500	1970		ug/Kg		79	70 - 120
4-Chlorotoluene	2500	1940		ug/Kg		78	70 - 120
Benzene	2500	2080		ug/Kg		83	70 - 120
Bromobenzene	2500	2150		ug/Kg		86	70 - 120
Bromochloromethane	2500	2380		ug/Kg		95	67 - 122
Bromodichloromethane	2500	2160		ug/Kg		86	70 - 120
Bromoform	2500	2300		ug/Kg		92	70 - 125
Bromomethane	2500	2100		ug/Kg		84	50 - 150

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

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

Lab Sample ID: LCS 500-177579/19-A

Matrix: Solid

Analysis Batch: 177955

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 177579

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Carbon tetrachloride	2500	2320		ug/Kg		93	70 - 125
Chlorobenzene	2500	2040		ug/Kg		81	70 - 120
Chloroethane	2500	1700		ug/Kg		68	50 - 150
Chloroform	2500	2140		ug/Kg		86	70 - 120
Chloromethane	2500	1690		ug/Kg		67	50 - 134
cis-1,2-Dichloroethene	2500	2080		ug/Kg		83	70 - 120
cis-1,3-Dichloropropene	2690	2350		ug/Kg		87	70 - 120
Dibromochloromethane	2500	2320		ug/Kg		93	70 - 120
Dibromomethane	2500	2330		ug/Kg		93	70 - 120
Dichlorodifluoromethane	2500	1390		ug/Kg		56	40 - 140
Ethylbenzene	2500	2220		ug/Kg		89	75 - 120
Hexachlorobutadiene	2500	2080		ug/Kg		83	70 - 135
Isopropylbenzene	2500	1960		ug/Kg		78	70 - 120
Methyl tert-butyl ether	2500	2070		ug/Kg		83	58 - 122
Methylene Chloride	2500	2130		ug/Kg		85	65 - 125
Naphthalene	2500	1920		ug/Kg		77	55 - 132
n-Butylbenzene	2500	1930		ug/Kg		77	75 - 120
N-Propylbenzene	2500	1890		ug/Kg		76	70 - 120
p-Isopropyltoluene	2500	1960		ug/Kg		78	70 - 120
sec-Butylbenzene	2500	1920		ug/Kg		77	70 - 120
Styrene	2500	2210		ug/Kg		88	75 - 120
tert-Butylbenzene	2500	1960		ug/Kg		79	70 - 120
Tetrachloroethene	2500	2390		ug/Kg		96	70 - 123
Toluene	2500	2080		ug/Kg		83	70 - 120
trans-1,2-Dichloroethene	2500	2130		ug/Kg		85	70 - 124
trans-1,3-Dichloropropene	2430	2200		ug/Kg		91	70 - 120
Trichloroethene	2500	2230		ug/Kg		89	70 - 120
Trichlorofluoromethane	2500	1840		ug/Kg		74	63 - 134
Vinyl chloride	2500	1670		ug/Kg		67	62 - 138
Xylenes, Total	7500	6000		ug/Kg		80	70 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	103		75 - 125
4-Bromofluorobenzene (Surr)	95		75 - 120
Dibromofluoromethane	93		75 - 120
Toluene-d8 (Surr)	93		75 - 120

Lab Sample ID: MB 500-177596/6

Matrix: Solid

Analysis Batch: 177596

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.35		2.0	0.35	ug/Kg			02/14/13 09:58	1
1,1,1-Trichloroethane	<0.20		1.0	0.20	ug/Kg			02/14/13 09:58	1
1,1,2,2-Tetrachloroethane	<0.23		1.0	0.23	ug/Kg			02/14/13 09:58	1
1,1,2-Trichloroethane	<0.28		1.0	0.28	ug/Kg			02/14/13 09:58	1
1,1-Dichloroethane	<0.19		1.0	0.19	ug/Kg			02/14/13 09:58	1
1,1-Dichloroethene	<0.31		1.0	0.31	ug/Kg			02/14/13 09:58	1

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

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

Lab Sample ID: MB 500-177596/6

Matrix: Solid

Analysis Batch: 177596

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1-Dichloropropene	<0.34		1.0	0.34	ug/Kg			02/14/13 09:58	1
1,2,3-Trichlorobenzene	<0.35		2.0	0.35	ug/Kg			02/14/13 09:58	1
1,2,3-Trichloropropane	<0.57		2.0	0.57	ug/Kg			02/14/13 09:58	1
1,2,4-Trichlorobenzene	<0.38		2.0	0.38	ug/Kg			02/14/13 09:58	1
1,2,4-Trimethylbenzene	<0.21		2.0	0.21	ug/Kg			02/14/13 09:58	1
1,2-Dibromo-3-Chloropropane	<0.87		2.0	0.87	ug/Kg			02/14/13 09:58	1
1,2-Dibromoethane	<0.31		2.0	0.31	ug/Kg			02/14/13 09:58	1
1,2-Dichlorobenzene	<0.21		2.0	0.21	ug/Kg			02/14/13 09:58	1
1,2-Dichloroethane	<0.29		1.0	0.29	ug/Kg			02/14/13 09:58	1
1,2-Dichloropropane	<0.20		1.0	0.20	ug/Kg			02/14/13 09:58	1
1,3,5-Trimethylbenzene	<0.21		2.0	0.21	ug/Kg			02/14/13 09:58	1
1,3-Dichlorobenzene	<0.26		2.0	0.26	ug/Kg			02/14/13 09:58	1
1,3-Dichloropropane	<0.13		1.0	0.13	ug/Kg			02/14/13 09:58	1
1,4-Dichlorobenzene	<0.17		2.0	0.17	ug/Kg			02/14/13 09:58	1
2,2-Dichloropropane	<0.32		1.0	0.32	ug/Kg			02/14/13 09:58	1
2-Chlorotoluene	<0.21		1.0	0.21	ug/Kg			02/14/13 09:58	1
4-Chlorotoluene	<0.20		1.0	0.20	ug/Kg			02/14/13 09:58	1
Benzene	<0.074		0.25	0.074	ug/Kg			02/14/13 09:58	1
Bromobenzene	<0.43		2.0	0.43	ug/Kg			02/14/13 09:58	1
Bromochloromethane	<0.38		2.0	0.38	ug/Kg			02/14/13 09:58	1
Bromodichloromethane	<0.34		2.0	0.34	ug/Kg			02/14/13 09:58	1
Bromoform	<0.44		2.0	0.44	ug/Kg			02/14/13 09:58	1
Bromomethane	<0.68		2.0	0.68	ug/Kg			02/14/13 09:58	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/Kg			02/14/13 09:58	1
Chlorobenzene	<0.14		1.0	0.14	ug/Kg			02/14/13 09:58	1
Chloroethane	<0.44		2.0	0.44	ug/Kg			02/14/13 09:58	1
Chloroform	<0.21		1.0	0.21	ug/Kg			02/14/13 09:58	1
Chloromethane	<0.46		2.0	0.46	ug/Kg			02/14/13 09:58	1
cis-1,2-Dichloroethene	<0.12		1.0	0.12	ug/Kg			02/14/13 09:58	1
cis-1,3-Dichloropropene	<0.18		1.0	0.18	ug/Kg			02/14/13 09:58	1
Dibromochloromethane	<0.35		2.0	0.35	ug/Kg			02/14/13 09:58	1
Dibromomethane	<0.48		2.0	0.48	ug/Kg			02/14/13 09:58	1
Dichlorodifluoromethane	<0.51		2.0	0.51	ug/Kg			02/14/13 09:58	1
Ethylbenzene	<0.13		0.25	0.13	ug/Kg			02/14/13 09:58	1
Hexachlorobutadiene	<0.35		2.0	0.35	ug/Kg			02/14/13 09:58	1
Isopropyl ether	<0.15		2.0	0.15	ug/Kg			02/14/13 09:58	1
Isopropylbenzene	<0.25		2.0	0.25	ug/Kg			02/14/13 09:58	1
Methyl tert-butyl ether	<0.43		2.0	0.43	ug/Kg			02/14/13 09:58	1
Methylene Chloride	<0.68		5.0	0.68	ug/Kg			02/14/13 09:58	1
Naphthalene	<0.49		2.0	0.49	ug/Kg			02/14/13 09:58	1
n-Butylbenzene	<0.13		1.0	0.13	ug/Kg			02/14/13 09:58	1
N-Propylbenzene	<0.18		2.0	0.18	ug/Kg			02/14/13 09:58	1
p-Isopropyltoluene	<0.19		2.0	0.19	ug/Kg			02/14/13 09:58	1
sec-Butylbenzene	<0.15		1.0	0.15	ug/Kg			02/14/13 09:58	1
Styrene	<0.099		1.0	0.099	ug/Kg			02/14/13 09:58	1
tert-Butylbenzene	<0.14		1.0	0.14	ug/Kg			02/14/13 09:58	1
Tetrachloroethene	<0.17		1.0	0.17	ug/Kg			02/14/13 09:58	1
Toluene	<0.12		0.25	0.12	ug/Kg			02/14/13 09:58	1

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

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

Lab Sample ID: MB 500-177596/6

Matrix: Solid

Analysis Batch: 177596

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	<0.25		1.0	0.25	ug/Kg			02/14/13 09:58	1
trans-1,3-Dichloropropene	<0.21		1.0	0.21	ug/Kg			02/14/13 09:58	1
Trichloroethene	<0.19		0.50	0.19	ug/Kg			02/14/13 09:58	1
Trichlorofluoromethane	<0.42		2.0	0.42	ug/Kg			02/14/13 09:58	1
Vinyl chloride	<0.10		0.25	0.10	ug/Kg			02/14/13 09:58	1
Xylenes, Total	<0.068		0.50	0.068	ug/Kg			02/14/13 09:58	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		75 - 125		02/14/13 09:58	1
4-Bromofluorobenzene (Surr)	96		75 - 120		02/14/13 09:58	1
Dibromofluoromethane	92		75 - 120		02/14/13 09:58	1
Toluene-d8 (Surr)	94		75 - 120		02/14/13 09:58	1

Lab Sample ID: LCS 500-177596/4

Matrix: Solid

Analysis Batch: 177596

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	50.0	53.0		ug/Kg		106	75 - 120
1,1,1-Trichloroethane	50.0	48.5		ug/Kg		97	70 - 123
1,1,1,2,2-Tetrachloroethane	50.0	49.5		ug/Kg		99	70 - 128
1,1,2-Trichloroethane	50.0	43.1		ug/Kg		86	69 - 120
1,1-Dichloroethane	50.0	46.2		ug/Kg		92	68 - 121
1,1-Dichloroethene	50.0	43.3		ug/Kg		87	58 - 122
1,1-Dichloropropene	50.0	45.8		ug/Kg		92	70 - 120
1,2,3-Trichlorobenzene	50.0	41.2		ug/Kg		82	56 - 137
1,2,3-Trichloropropane	50.0	45.8		ug/Kg		92	70 - 120
1,2,4-Trichlorobenzene	50.0	40.8		ug/Kg		82	65 - 121
1,2,4-Trimethylbenzene	50.0	49.7		ug/Kg		99	75 - 121
1,2-Dibromo-3-Chloropropane	50.0	43.6		ug/Kg		87	60 - 121
1,2-Dibromoethane	50.0	46.8		ug/Kg		94	70 - 120
1,2-Dichlorobenzene	50.0	47.2		ug/Kg		94	75 - 120
1,2-Dichloroethane	50.0	49.0		ug/Kg		98	69 - 120
1,2-Dichloropropane	50.0	49.2		ug/Kg		98	70 - 120
1,3,5-Trimethylbenzene	50.0	50.6		ug/Kg		101	75 - 123
1,3-Dichlorobenzene	50.0	45.6		ug/Kg		91	70 - 120
1,3-Dichloropropane	50.0	47.0		ug/Kg		94	70 - 120
1,4-Dichlorobenzene	50.0	49.5		ug/Kg		99	75 - 120
2,2-Dichloropropane	50.0	49.7		ug/Kg		99	67 - 125
2-Chlorotoluene	50.0	45.8		ug/Kg		92	70 - 120
4-Chlorotoluene	50.0	45.3		ug/Kg		91	70 - 120
Benzene	50.0	47.0		ug/Kg		94	70 - 120
Bromobenzene	50.0	49.9		ug/Kg		100	70 - 120
Bromochloromethane	50.0	49.8		ug/Kg		100	67 - 122
Bromodichloromethane	50.0	48.1		ug/Kg		96	70 - 120
Bromoform	50.0	49.4		ug/Kg		99	70 - 125
Bromomethane	50.0	48.7		ug/Kg		97	50 - 150
Carbon tetrachloride	50.0	54.8		ug/Kg		110	70 - 125

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

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

Lab Sample ID: LCS 500-177596/4

Matrix: Solid

Analysis Batch: 177596

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chlorobenzene	50.0	46.6		ug/Kg		93	70 - 120
Chloroethane	50.0	39.2		ug/Kg		78	50 - 150
Chloroform	50.0	47.0		ug/Kg		94	70 - 120
Chloromethane	50.0	35.7		ug/Kg		71	50 - 134
cis-1,2-Dichloroethene	50.0	46.6		ug/Kg		93	70 - 120
cis-1,3-Dichloropropene	53.8	51.3		ug/Kg		95	70 - 120
Dibromochloromethane	50.0	51.9		ug/Kg		104	70 - 120
Dibromomethane	50.0	48.9		ug/Kg		98	70 - 120
Dichlorodifluoromethane	50.0	25.2		ug/Kg		50	40 - 140
Ethylbenzene	50.0	51.4		ug/Kg		103	75 - 120
Hexachlorobutadiene	50.0	47.1		ug/Kg		94	70 - 135
Isopropylbenzene	50.0	46.2		ug/Kg		92	70 - 120
Methyl tert-butyl ether	50.0	41.4		ug/Kg		83	58 - 122
Methylene Chloride	50.0	43.4		ug/Kg		87	65 - 125
Naphthalene	50.0	41.6		ug/Kg		83	55 - 132
n-Butylbenzene	50.0	47.6		ug/Kg		95	75 - 120
N-Propylbenzene	50.0	45.2		ug/Kg		90	70 - 120
p-Isopropyltoluene	50.0	46.7		ug/Kg		93	70 - 120
sec-Butylbenzene	50.0	46.9		ug/Kg		94	70 - 120
Styrene	50.0	51.4		ug/Kg		103	75 - 120
tert-Butylbenzene	50.0	47.0		ug/Kg		94	70 - 120
Tetrachloroethene	50.0	53.1		ug/Kg		106	70 - 123
Toluene	50.0	46.4		ug/Kg		93	70 - 120
trans-1,2-Dichloroethene	50.0	48.3		ug/Kg		97	70 - 124
trans-1,3-Dichloropropene	48.6	48.0		ug/Kg		99	70 - 120
Trichloroethene	50.0	50.2		ug/Kg		100	70 - 120
Trichlorofluoromethane	50.0	48.6		ug/Kg		97	63 - 134
Vinyl chloride	50.0	39.7		ug/Kg		79	62 - 138
Xylenes, Total	150	140		ug/Kg		93	70 - 120

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	98		75 - 125
4-Bromofluorobenzene (Surr)	95		75 - 120
Dibromofluoromethane	91		75 - 120
Toluene-d8 (Surr)	93		75 - 120

Lab Sample ID: MB 500-177772/6

Matrix: Solid

Analysis Batch: 177772

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1,2-Tetrachloroethane	<0.35		2.0	0.35	ug/Kg			02/15/13 22:18	1
1,1,1-Trichloroethane	<0.20		1.0	0.20	ug/Kg			02/15/13 22:18	1
1,1,2,2-Tetrachloroethane	<0.23		1.0	0.23	ug/Kg			02/15/13 22:18	1
1,1,2-Trichloroethane	<0.28		1.0	0.28	ug/Kg			02/15/13 22:18	1
1,1-Dichloroethane	<0.19		1.0	0.19	ug/Kg			02/15/13 22:18	1
1,1-Dichloroethene	<0.31		1.0	0.31	ug/Kg			02/15/13 22:18	1
1,1-Dichloropropene	<0.34		1.0	0.34	ug/Kg			02/15/13 22:18	1

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

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

Lab Sample ID: MB 500-177772/6

Matrix: Solid

Analysis Batch: 177772

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,2,3-Trichlorobenzene	<0.35		2.0	0.35	ug/Kg			02/15/13 22:18	1
1,2,3-Trichloropropane	<0.57		2.0	0.57	ug/Kg			02/15/13 22:18	1
1,2,4-Trichlorobenzene	<0.38		2.0	0.38	ug/Kg			02/15/13 22:18	1
1,2,4-Trimethylbenzene	<0.21		2.0	0.21	ug/Kg			02/15/13 22:18	1
1,2-Dibromo-3-Chloropropane	<0.87		2.0	0.87	ug/Kg			02/15/13 22:18	1
1,2-Dibromoethane	<0.31		2.0	0.31	ug/Kg			02/15/13 22:18	1
1,2-Dichlorobenzene	<0.21		2.0	0.21	ug/Kg			02/15/13 22:18	1
1,2-Dichloroethane	<0.29		1.0	0.29	ug/Kg			02/15/13 22:18	1
1,2-Dichloropropane	<0.20		1.0	0.20	ug/Kg			02/15/13 22:18	1
1,3,5-Trimethylbenzene	<0.21		2.0	0.21	ug/Kg			02/15/13 22:18	1
1,3-Dichlorobenzene	<0.26		2.0	0.26	ug/Kg			02/15/13 22:18	1
1,3-Dichloropropane	<0.13		1.0	0.13	ug/Kg			02/15/13 22:18	1
1,4-Dichlorobenzene	<0.17		2.0	0.17	ug/Kg			02/15/13 22:18	1
2,2-Dichloropropane	<0.32		1.0	0.32	ug/Kg			02/15/13 22:18	1
2-Chlorotoluene	<0.21		1.0	0.21	ug/Kg			02/15/13 22:18	1
4-Chlorotoluene	<0.20		1.0	0.20	ug/Kg			02/15/13 22:18	1
Benzene	<0.074		0.25	0.074	ug/Kg			02/15/13 22:18	1
Bromobenzene	<0.43		2.0	0.43	ug/Kg			02/15/13 22:18	1
Bromochloromethane	<0.38		2.0	0.38	ug/Kg			02/15/13 22:18	1
Bromodichloromethane	<0.34		2.0	0.34	ug/Kg			02/15/13 22:18	1
Bromoform	<0.44		2.0	0.44	ug/Kg			02/15/13 22:18	1
Bromomethane	<0.68		2.0	0.68	ug/Kg			02/15/13 22:18	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/Kg			02/15/13 22:18	1
Chlorobenzene	<0.14		1.0	0.14	ug/Kg			02/15/13 22:18	1
Chloroethane	<0.44		2.0	0.44	ug/Kg			02/15/13 22:18	1
Chloroform	<0.21		1.0	0.21	ug/Kg			02/15/13 22:18	1
Chloromethane	<0.46		2.0	0.46	ug/Kg			02/15/13 22:18	1
cis-1,2-Dichloroethene	<0.12		1.0	0.12	ug/Kg			02/15/13 22:18	1
cis-1,3-Dichloropropene	<0.18		1.0	0.18	ug/Kg			02/15/13 22:18	1
Dibromochloromethane	<0.35		2.0	0.35	ug/Kg			02/15/13 22:18	1
Dibromomethane	<0.48		2.0	0.48	ug/Kg			02/15/13 22:18	1
Dichlorodifluoromethane	<0.51		2.0	0.51	ug/Kg			02/15/13 22:18	1
Ethylbenzene	<0.13		0.25	0.13	ug/Kg			02/15/13 22:18	1
Hexachlorobutadiene	<0.35		2.0	0.35	ug/Kg			02/15/13 22:18	1
Isopropyl ether	<0.15		2.0	0.15	ug/Kg			02/15/13 22:18	1
Isopropylbenzene	<0.25		2.0	0.25	ug/Kg			02/15/13 22:18	1
Methyl tert-butyl ether	<0.43		2.0	0.43	ug/Kg			02/15/13 22:18	1
Methylene Chloride	<0.68		5.0	0.68	ug/Kg			02/15/13 22:18	1
Naphthalene	<0.49		2.0	0.49	ug/Kg			02/15/13 22:18	1
n-Butylbenzene	<0.13		1.0	0.13	ug/Kg			02/15/13 22:18	1
N-Propylbenzene	<0.18		2.0	0.18	ug/Kg			02/15/13 22:18	1
p-Isopropyltoluene	<0.19		2.0	0.19	ug/Kg			02/15/13 22:18	1
sec-Butylbenzene	<0.15		1.0	0.15	ug/Kg			02/15/13 22:18	1
Styrene	<0.099		1.0	0.099	ug/Kg			02/15/13 22:18	1
tert-Butylbenzene	<0.14		1.0	0.14	ug/Kg			02/15/13 22:18	1
Tetrachloroethene	<0.17		1.0	0.17	ug/Kg			02/15/13 22:18	1
Toluene	<0.12		0.25	0.12	ug/Kg			02/15/13 22:18	1
trans-1,2-Dichloroethene	<0.25		1.0	0.25	ug/Kg			02/15/13 22:18	1

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

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

Lab Sample ID: MB 500-17772/6

Matrix: Solid

Analysis Batch: 17772

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	<0.21		1.0	0.21	ug/Kg			02/15/13 22:18	1
Trichloroethene	<0.19		0.50	0.19	ug/Kg			02/15/13 22:18	1
Trichlorofluoromethane	<0.42		2.0	0.42	ug/Kg			02/15/13 22:18	1
Vinyl chloride	<0.10		0.25	0.10	ug/Kg			02/15/13 22:18	1
Xylenes, Total	<0.068		0.50	0.068	ug/Kg			02/15/13 22:18	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		75 - 125		02/15/13 22:18	1
4-Bromofluorobenzene (Surr)	94		75 - 120		02/15/13 22:18	1
Dibromofluoromethane	93		75 - 120		02/15/13 22:18	1
Toluene-d8 (Surr)	93		75 - 120		02/15/13 22:18	1

Lab Sample ID: LCS 500-17772/4

Matrix: Solid

Analysis Batch: 17772

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	50.0	56.0		ug/Kg		112	75 - 120
1,1,1-Trichloroethane	50.0	53.4		ug/Kg		107	70 - 123
1,1,2,2-Tetrachloroethane	50.0	53.7		ug/Kg		107	70 - 128
1,1,2-Trichloroethane	50.0	48.2		ug/Kg		96	69 - 120
1,1-Dichloroethane	50.0	53.3		ug/Kg		107	68 - 121
1,1-Dichloroethene	50.0	47.9		ug/Kg		96	58 - 122
1,1-Dichloropropene	50.0	50.4		ug/Kg		101	70 - 120
1,2,3-Trichlorobenzene	50.0	42.6		ug/Kg		85	56 - 137
1,2,3-Trichloropropane	50.0	45.4		ug/Kg		91	70 - 120
1,2,4-Trichlorobenzene	50.0	41.0		ug/Kg		82	65 - 121
1,2,4-Trimethylbenzene	50.0	53.5		ug/Kg		107	75 - 121
1,2-Dibromo-3-Chloropropane	50.0	44.6		ug/Kg		89	60 - 121
1,2-Dibromoethane	50.0	52.5		ug/Kg		105	70 - 120
1,2-Dichlorobenzene	50.0	50.8		ug/Kg		102	75 - 120
1,2-Dichloroethane	50.0	55.1		ug/Kg		110	69 - 120
1,2-Dichloropropane	50.0	53.9		ug/Kg		108	70 - 120
1,3,5-Trimethylbenzene	50.0	54.7		ug/Kg		109	75 - 123
1,3-Dichlorobenzene	50.0	48.4		ug/Kg		97	70 - 120
1,3-Dichloropropane	50.0	49.9		ug/Kg		100	70 - 120
1,4-Dichlorobenzene	50.0	52.5		ug/Kg		105	75 - 120
2,2-Dichloropropane	50.0	52.2		ug/Kg		104	67 - 125
2-Chlorotoluene	50.0	50.7		ug/Kg		101	70 - 120
4-Chlorotoluene	50.0	48.1		ug/Kg		96	70 - 120
Benzene	50.0	51.2		ug/Kg		102	70 - 120
Bromobenzene	50.0	55.3		ug/Kg		111	70 - 120
Bromochloromethane	50.0	56.0		ug/Kg		112	67 - 122
Bromodichloromethane	50.0	52.2		ug/Kg		104	70 - 120
Bromoform	50.0	52.1		ug/Kg		104	70 - 125
Bromomethane	50.0	59.0		ug/Kg		118	50 - 150
Carbon tetrachloride	50.0	58.0		ug/Kg		116	70 - 125
Chlorobenzene	50.0	49.6		ug/Kg		99	70 - 120

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

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

Lab Sample ID: LCS 500-177772/4

Matrix: Solid

Analysis Batch: 177772

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloroethane	50.0	45.6		ug/Kg		91	50 - 150
Chloroform	50.0	53.9		ug/Kg		108	70 - 120
Chloromethane	50.0	51.8		ug/Kg		104	50 - 134
cis-1,2-Dichloroethene	50.0	53.3		ug/Kg		107	70 - 120
cis-1,3-Dichloropropene	53.8	56.1		ug/Kg		104	70 - 120
Dibromochloromethane	50.0	54.5		ug/Kg		109	70 - 120
Dibromomethane	50.0	54.1		ug/Kg		108	70 - 120
Dichlorodifluoromethane	50.0	51.2		ug/Kg		102	40 - 140
Ethylbenzene	50.0	53.1		ug/Kg		106	75 - 120
Hexachlorobutadiene	50.0	48.3		ug/Kg		97	70 - 135
Isopropylbenzene	50.0	50.0		ug/Kg		100	70 - 120
Methyl tert-butyl ether	50.0	50.1		ug/Kg		100	58 - 122
Methylene Chloride	50.0	51.2		ug/Kg		102	65 - 125
Naphthalene	50.0	42.6		ug/Kg		85	55 - 132
n-Butylbenzene	50.0	47.5		ug/Kg		95	75 - 120
N-Propylbenzene	50.0	48.3		ug/Kg		97	70 - 120
p-Isopropyltoluene	50.0	49.3		ug/Kg		99	70 - 120
sec-Butylbenzene	50.0	49.2		ug/Kg		98	70 - 120
Styrene	50.0	53.4		ug/Kg		107	75 - 120
tert-Butylbenzene	50.0	50.2		ug/Kg		100	70 - 120
Tetrachloroethene	50.0	54.7		ug/Kg		109	70 - 123
Toluene	50.0	50.9		ug/Kg		102	70 - 120
trans-1,2-Dichloroethene	50.0	53.7		ug/Kg		107	70 - 124
trans-1,3-Dichloropropene	48.6	51.6		ug/Kg		106	70 - 120
Trichloroethene	50.0	53.9		ug/Kg		108	70 - 120
Trichlorofluoromethane	50.0	52.3		ug/Kg		105	63 - 134
Vinyl chloride	50.0	50.8		ug/Kg		102	62 - 138
Xylenes, Total	150	148		ug/Kg		98	70 - 120

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	99		75 - 125
4-Bromofluorobenzene (Surr)	93		75 - 120
Dibromofluoromethane	96		75 - 120
Toluene-d8 (Surr)	94		75 - 120

Lab Sample ID: MB 500-177955/6

Matrix: Solid

Analysis Batch: 177955

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1,2-Tetrachloroethane	<0.35		2.0	0.35	ug/Kg			02/19/13 10:36	1
1,1,1-Trichloroethane	<0.20		1.0	0.20	ug/Kg			02/19/13 10:36	1
1,1,2,2-Tetrachloroethane	<0.23		1.0	0.23	ug/Kg			02/19/13 10:36	1
1,1,2-Trichloroethane	<0.28		1.0	0.28	ug/Kg			02/19/13 10:36	1
1,1-Dichloroethane	<0.19		1.0	0.19	ug/Kg			02/19/13 10:36	1
1,1-Dichloroethene	<0.31		1.0	0.31	ug/Kg			02/19/13 10:36	1
1,1-Dichloropropene	<0.34		1.0	0.34	ug/Kg			02/19/13 10:36	1
1,2,3-Trichlorobenzene	<0.35		2.0	0.35	ug/Kg			02/19/13 10:36	1

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

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

Lab Sample ID: MB 500-177955/6

Matrix: Solid

Analysis Batch: 177955

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,2,3-Trichloropropane	<0.57		2.0	0.57	ug/Kg			02/19/13 10:36	1
1,2,4-Trichlorobenzene	<0.38		2.0	0.38	ug/Kg			02/19/13 10:36	1
1,2,4-Trimethylbenzene	<0.21		2.0	0.21	ug/Kg			02/19/13 10:36	1
1,2-Dibromo-3-Chloropropane	<0.87		2.0	0.87	ug/Kg			02/19/13 10:36	1
1,2-Dibromoethane	<0.31		2.0	0.31	ug/Kg			02/19/13 10:36	1
1,2-Dichlorobenzene	<0.21		2.0	0.21	ug/Kg			02/19/13 10:36	1
1,2-Dichloroethane	<0.29		1.0	0.29	ug/Kg			02/19/13 10:36	1
1,2-Dichloropropane	<0.20		1.0	0.20	ug/Kg			02/19/13 10:36	1
1,3,5-Trimethylbenzene	<0.21		2.0	0.21	ug/Kg			02/19/13 10:36	1
1,3-Dichlorobenzene	<0.26		2.0	0.26	ug/Kg			02/19/13 10:36	1
1,3-Dichloropropane	<0.13		1.0	0.13	ug/Kg			02/19/13 10:36	1
1,4-Dichlorobenzene	<0.17		2.0	0.17	ug/Kg			02/19/13 10:36	1
2,2-Dichloropropane	<0.32		1.0	0.32	ug/Kg			02/19/13 10:36	1
2-Chlorotoluene	<0.21		1.0	0.21	ug/Kg			02/19/13 10:36	1
4-Chlorotoluene	<0.20		1.0	0.20	ug/Kg			02/19/13 10:36	1
Benzene	<0.074		0.25	0.074	ug/Kg			02/19/13 10:36	1
Bromobenzene	<0.43		2.0	0.43	ug/Kg			02/19/13 10:36	1
Bromochloromethane	<0.38		2.0	0.38	ug/Kg			02/19/13 10:36	1
Bromodichloromethane	<0.34		2.0	0.34	ug/Kg			02/19/13 10:36	1
Bromoform	<0.44		2.0	0.44	ug/Kg			02/19/13 10:36	1
Bromomethane	<0.68		2.0	0.68	ug/Kg			02/19/13 10:36	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/Kg			02/19/13 10:36	1
Chlorobenzene	<0.14		1.0	0.14	ug/Kg			02/19/13 10:36	1
Chloroethane	<0.44		2.0	0.44	ug/Kg			02/19/13 10:36	1
Chloroform	<0.21		1.0	0.21	ug/Kg			02/19/13 10:36	1
Chloromethane	<0.46		2.0	0.46	ug/Kg			02/19/13 10:36	1
cis-1,2-Dichloroethene	<0.12		1.0	0.12	ug/Kg			02/19/13 10:36	1
cis-1,3-Dichloropropene	<0.18		1.0	0.18	ug/Kg			02/19/13 10:36	1
Dibromochloromethane	<0.35		2.0	0.35	ug/Kg			02/19/13 10:36	1
Dibromomethane	<0.48		2.0	0.48	ug/Kg			02/19/13 10:36	1
Dichlorodifluoromethane	<0.51		2.0	0.51	ug/Kg			02/19/13 10:36	1
Ethylbenzene	<0.13		0.25	0.13	ug/Kg			02/19/13 10:36	1
Hexachlorobutadiene	<0.35		2.0	0.35	ug/Kg			02/19/13 10:36	1
Isopropyl ether	<0.15		2.0	0.15	ug/Kg			02/19/13 10:36	1
Isopropylbenzene	<0.25		2.0	0.25	ug/Kg			02/19/13 10:36	1
Methyl tert-butyl ether	<0.43		2.0	0.43	ug/Kg			02/19/13 10:36	1
Methylene Chloride	<0.68		5.0	0.68	ug/Kg			02/19/13 10:36	1
Naphthalene	<0.49		2.0	0.49	ug/Kg			02/19/13 10:36	1
n-Butylbenzene	<0.13		1.0	0.13	ug/Kg			02/19/13 10:36	1
N-Propylbenzene	<0.18		2.0	0.18	ug/Kg			02/19/13 10:36	1
p-Isopropyltoluene	<0.19		2.0	0.19	ug/Kg			02/19/13 10:36	1
sec-Butylbenzene	<0.15		1.0	0.15	ug/Kg			02/19/13 10:36	1
Styrene	<0.099		1.0	0.099	ug/Kg			02/19/13 10:36	1
tert-Butylbenzene	<0.14		1.0	0.14	ug/Kg			02/19/13 10:36	1
Tetrachloroethene	<0.17		1.0	0.17	ug/Kg			02/19/13 10:36	1
Toluene	<0.12		0.25	0.12	ug/Kg			02/19/13 10:36	1
trans-1,2-Dichloroethene	<0.25		1.0	0.25	ug/Kg			02/19/13 10:36	1
trans-1,3-Dichloropropene	<0.21		1.0	0.21	ug/Kg			02/19/13 10:36	1

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

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

Lab Sample ID: MB 500-177955/6

Matrix: Solid

Analysis Batch: 177955

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	<0.19		0.50	0.19	ug/Kg			02/19/13 10:36	1
Trichlorofluoromethane	<0.42		2.0	0.42	ug/Kg			02/19/13 10:36	1
Vinyl chloride	<0.10		0.25	0.10	ug/Kg			02/19/13 10:36	1
Xylenes, Total	<0.068		0.50	0.068	ug/Kg			02/19/13 10:36	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		75 - 125		02/19/13 10:36	1
4-Bromofluorobenzene (Surr)	93		75 - 120		02/19/13 10:36	1
Dibromofluoromethane	86		75 - 120		02/19/13 10:36	1
Toluene-d8 (Surr)	90		75 - 120		02/19/13 10:36	1

Lab Sample ID: LCS 500-177955/4

Matrix: Solid

Analysis Batch: 177955

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	50.0	48.7		ug/Kg		97	75 - 120
1,1,1-Trichloroethane	50.0	44.3		ug/Kg		89	70 - 123
1,1,1,2,2-Tetrachloroethane	50.0	48.1		ug/Kg		96	70 - 128
1,1,2-Trichloroethane	50.0	42.7		ug/Kg		85	69 - 120
1,1-Dichloroethane	50.0	43.5		ug/Kg		87	68 - 121
1,1-Dichloroethene	50.0	38.3		ug/Kg		77	58 - 122
1,1-Dichloropropene	50.0	42.8		ug/Kg		86	70 - 120
1,2,3-Trichlorobenzene	50.0	44.1		ug/Kg		88	56 - 137
1,2,3-Trichloropropane	50.0	43.9		ug/Kg		88	70 - 120
1,2,4-Trichlorobenzene	50.0	42.5		ug/Kg		85	65 - 121
1,2,4-Trimethylbenzene	50.0	46.0		ug/Kg		92	75 - 121
1,2-Dibromo-3-Chloropropane	50.0	44.5		ug/Kg		89	60 - 121
1,2-Dibromoethane	50.0	45.8		ug/Kg		92	70 - 120
1,2-Dichlorobenzene	50.0	46.1		ug/Kg		92	75 - 120
1,2-Dichloroethane	50.0	47.9		ug/Kg		96	69 - 120
1,2-Dichloropropane	50.0	47.2		ug/Kg		94	70 - 120
1,3,5-Trimethylbenzene	50.0	47.5		ug/Kg		95	75 - 123
1,3-Dichlorobenzene	50.0	44.8		ug/Kg		90	70 - 120
1,3-Dichloropropane	50.0	46.4		ug/Kg		93	70 - 120
1,4-Dichlorobenzene	50.0	47.8		ug/Kg		96	75 - 120
2,2-Dichloropropane	50.0	42.2		ug/Kg		84	67 - 125
2-Chlorotoluene	50.0	44.2		ug/Kg		88	70 - 120
4-Chlorotoluene	50.0	43.2		ug/Kg		86	70 - 120
Benzene	50.0	43.2		ug/Kg		86	70 - 120
Bromobenzene	50.0	49.8		ug/Kg		100	70 - 120
Bromochloromethane	50.0	49.2		ug/Kg		98	67 - 122
Bromodichloromethane	50.0	46.3		ug/Kg		93	70 - 120
Bromoform	50.0	49.8		ug/Kg		100	70 - 125
Bromomethane	50.0	48.7		ug/Kg		97	50 - 150
Carbon tetrachloride	50.0	48.0		ug/Kg		96	70 - 125
Chlorobenzene	50.0	43.5		ug/Kg		87	70 - 120
Chloroethane	50.0	37.8		ug/Kg		76	50 - 150

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

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

Lab Sample ID: LCS 500-177955/4

Matrix: Solid

Analysis Batch: 177955

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloroform	50.0	44.0		ug/Kg		88	70 - 120
Chloromethane	50.0	44.4		ug/Kg		89	50 - 134
cis-1,2-Dichloroethene	50.0	43.5		ug/Kg		87	70 - 120
cis-1,3-Dichloropropene	53.8	50.6		ug/Kg		94	70 - 120
Dibromochloromethane	50.0	51.6		ug/Kg		103	70 - 120
Dibromomethane	50.0	46.8		ug/Kg		94	70 - 120
Dichlorodifluoromethane	50.0	42.4		ug/Kg		85	40 - 140
Ethylbenzene	50.0	47.0		ug/Kg		94	75 - 120
Hexachlorobutadiene	50.0	45.3		ug/Kg		91	70 - 135
Isopropylbenzene	50.0	43.4		ug/Kg		87	70 - 120
Methyl tert-butyl ether	50.0	41.3		ug/Kg		83	58 - 122
Methylene Chloride	50.0	41.6		ug/Kg		83	65 - 125
Naphthalene	50.0	44.0		ug/Kg		88	55 - 132
n-Butylbenzene	50.0	44.0		ug/Kg		88	75 - 120
N-Propylbenzene	50.0	42.4		ug/Kg		85	70 - 120
p-Isopropyltoluene	50.0	43.6		ug/Kg		87	70 - 120
sec-Butylbenzene	50.0	43.0		ug/Kg		86	70 - 120
Styrene	50.0	47.7		ug/Kg		95	75 - 120
tert-Butylbenzene	50.0	44.3		ug/Kg		89	70 - 120
Tetrachloroethene	50.0	50.8		ug/Kg		102	70 - 123
Toluene	50.0	43.1		ug/Kg		86	70 - 120
trans-1,2-Dichloroethene	50.0	44.4		ug/Kg		89	70 - 124
trans-1,3-Dichloropropene	48.6	47.2		ug/Kg		97	70 - 120
Trichloroethene	50.0	46.9		ug/Kg		94	70 - 120
Trichlorofluoromethane	50.0	45.9		ug/Kg		92	63 - 134
Vinyl chloride	50.0	42.6		ug/Kg		85	62 - 138
Xylenes, Total	150	129		ug/Kg		86	70 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	95		75 - 125
4-Bromofluorobenzene (Surr)	94		75 - 120
Dibromofluoromethane	90		75 - 120
Toluene-d8 (Surr)	90		75 - 120

Lab Sample ID: MB 500-178184/7

Matrix: Solid

Analysis Batch: 178184

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.35		2.0	0.35	ug/Kg			02/21/13 10:18	1
1,1,1-Trichloroethane	<0.20		1.0	0.20	ug/Kg			02/21/13 10:18	1
1,1,2,2-Tetrachloroethane	<0.23		1.0	0.23	ug/Kg			02/21/13 10:18	1
1,1,2-Trichloroethane	<0.28		1.0	0.28	ug/Kg			02/21/13 10:18	1
1,1-Dichloroethane	<0.19		1.0	0.19	ug/Kg			02/21/13 10:18	1
1,1-Dichloroethene	<0.31		1.0	0.31	ug/Kg			02/21/13 10:18	1
1,1-Dichloropropene	<0.34		1.0	0.34	ug/Kg			02/21/13 10:18	1
1,2,3-Trichlorobenzene	<0.35		2.0	0.35	ug/Kg			02/21/13 10:18	1
1,2,3-Trichloropropane	<0.57		2.0	0.57	ug/Kg			02/21/13 10:18	1

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

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

Lab Sample ID: MB 500-178184/7

Matrix: Solid

Analysis Batch: 178184

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,2,4-Trichlorobenzene	<0.38		2.0	0.38	ug/Kg			02/21/13 10:18	1
1,2,4-Trimethylbenzene	<0.21		2.0	0.21	ug/Kg			02/21/13 10:18	1
1,2-Dibromo-3-Chloropropane	<0.87		2.0	0.87	ug/Kg			02/21/13 10:18	1
1,2-Dibromoethane	<0.31		2.0	0.31	ug/Kg			02/21/13 10:18	1
1,2-Dichlorobenzene	<0.21		2.0	0.21	ug/Kg			02/21/13 10:18	1
1,2-Dichloroethane	<0.29		1.0	0.29	ug/Kg			02/21/13 10:18	1
1,2-Dichloropropane	<0.20		1.0	0.20	ug/Kg			02/21/13 10:18	1
1,3,5-Trimethylbenzene	<0.21		2.0	0.21	ug/Kg			02/21/13 10:18	1
1,3-Dichlorobenzene	<0.26		2.0	0.26	ug/Kg			02/21/13 10:18	1
1,3-Dichloropropane	<0.13		1.0	0.13	ug/Kg			02/21/13 10:18	1
1,4-Dichlorobenzene	<0.17		2.0	0.17	ug/Kg			02/21/13 10:18	1
2,2-Dichloropropane	<0.32		1.0	0.32	ug/Kg			02/21/13 10:18	1
2-Chlorotoluene	<0.21		1.0	0.21	ug/Kg			02/21/13 10:18	1
4-Chlorotoluene	<0.20		1.0	0.20	ug/Kg			02/21/13 10:18	1
Benzene	<0.074		0.25	0.074	ug/Kg			02/21/13 10:18	1
Bromobenzene	<0.43		2.0	0.43	ug/Kg			02/21/13 10:18	1
Bromochloromethane	<0.38		2.0	0.38	ug/Kg			02/21/13 10:18	1
Bromodichloromethane	<0.34		2.0	0.34	ug/Kg			02/21/13 10:18	1
Bromoform	<0.44		2.0	0.44	ug/Kg			02/21/13 10:18	1
Bromomethane	<0.68		2.0	0.68	ug/Kg			02/21/13 10:18	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/Kg			02/21/13 10:18	1
Chlorobenzene	<0.14		1.0	0.14	ug/Kg			02/21/13 10:18	1
Chloroethane	<0.44		2.0	0.44	ug/Kg			02/21/13 10:18	1
Chloroform	<0.21		1.0	0.21	ug/Kg			02/21/13 10:18	1
Chloromethane	<0.46		2.0	0.46	ug/Kg			02/21/13 10:18	1
cis-1,2-Dichloroethene	<0.12		1.0	0.12	ug/Kg			02/21/13 10:18	1
cis-1,3-Dichloropropene	<0.18		1.0	0.18	ug/Kg			02/21/13 10:18	1
Dibromochloromethane	<0.35		2.0	0.35	ug/Kg			02/21/13 10:18	1
Dibromomethane	<0.48		2.0	0.48	ug/Kg			02/21/13 10:18	1
Dichlorodifluoromethane	<0.51		2.0	0.51	ug/Kg			02/21/13 10:18	1
Ethylbenzene	<0.13		0.25	0.13	ug/Kg			02/21/13 10:18	1
Hexachlorobutadiene	<0.35		2.0	0.35	ug/Kg			02/21/13 10:18	1
Isopropyl ether	<0.15		2.0	0.15	ug/Kg			02/21/13 10:18	1
Isopropylbenzene	<0.25		2.0	0.25	ug/Kg			02/21/13 10:18	1
Methyl tert-butyl ether	<0.43		2.0	0.43	ug/Kg			02/21/13 10:18	1
Methylene Chloride	<0.68		5.0	0.68	ug/Kg			02/21/13 10:18	1
Naphthalene	<0.49		2.0	0.49	ug/Kg			02/21/13 10:18	1
n-Butylbenzene	<0.13		1.0	0.13	ug/Kg			02/21/13 10:18	1
N-Propylbenzene	<0.18		2.0	0.18	ug/Kg			02/21/13 10:18	1
p-Isopropyltoluene	<0.19		2.0	0.19	ug/Kg			02/21/13 10:18	1
sec-Butylbenzene	<0.15		1.0	0.15	ug/Kg			02/21/13 10:18	1
Styrene	<0.099		1.0	0.099	ug/Kg			02/21/13 10:18	1
tert-Butylbenzene	<0.14		1.0	0.14	ug/Kg			02/21/13 10:18	1
Tetrachloroethene	<0.17		1.0	0.17	ug/Kg			02/21/13 10:18	1
Toluene	<0.12		0.25	0.12	ug/Kg			02/21/13 10:18	1
trans-1,2-Dichloroethene	<0.25		1.0	0.25	ug/Kg			02/21/13 10:18	1
trans-1,3-Dichloropropene	<0.21		1.0	0.21	ug/Kg			02/21/13 10:18	1
Trichloroethene	<0.19		0.50	0.19	ug/Kg			02/21/13 10:18	1

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

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

Lab Sample ID: MB 500-178184/7

Matrix: Solid

Analysis Batch: 178184

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	<0.42		2.0	0.42	ug/Kg			02/21/13 10:18	1
Vinyl chloride	<0.10		0.25	0.10	ug/Kg			02/21/13 10:18	1
Xylenes, Total	<0.068		0.50	0.068	ug/Kg			02/21/13 10:18	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		75 - 125		02/21/13 10:18	1
4-Bromofluorobenzene (Surr)	90		75 - 120		02/21/13 10:18	1
Dibromofluoromethane	99		75 - 120		02/21/13 10:18	1
Toluene-d8 (Surr)	97		75 - 120		02/21/13 10:18	1

Lab Sample ID: LCS 500-178184/5

Matrix: Solid

Analysis Batch: 178184

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	50.0	48.2		ug/Kg		96	75 - 120
1,1,1-Trichloroethane	50.0	51.4		ug/Kg		103	70 - 123
1,1,1,2,2-Tetrachloroethane	50.0	45.1		ug/Kg		90	70 - 128
1,1,2-Trichloroethane	50.0	46.9		ug/Kg		94	69 - 120
1,1-Dichloroethane	50.0	49.5		ug/Kg		99	68 - 121
1,1-Dichloroethene	50.0	48.3		ug/Kg		97	58 - 122
1,1-Dichloropropene	50.0	48.0		ug/Kg		96	70 - 120
1,2,3-Trichlorobenzene	50.0	42.9		ug/Kg		86	56 - 137
1,2,3-Trichloropropane	50.0	44.4		ug/Kg		89	70 - 120
1,2,4-Trichlorobenzene	50.0	40.0		ug/Kg		80	65 - 121
1,2,4-Trimethylbenzene	50.0	44.8		ug/Kg		90	75 - 121
1,2-Dibromo-3-Chloropropane	50.0	43.8		ug/Kg		88	60 - 121
1,2-Dibromoethane	50.0	49.0		ug/Kg		98	70 - 120
1,2-Dichlorobenzene	50.0	44.6		ug/Kg		89	75 - 120
1,2-Dichloroethane	50.0	48.7		ug/Kg		97	69 - 120
1,2-Dichloropropane	50.0	48.7		ug/Kg		97	70 - 120
1,3,5-Trimethylbenzene	50.0	45.9		ug/Kg		92	75 - 123
1,3-Dichlorobenzene	50.0	48.2		ug/Kg		96	70 - 120
1,3-Dichloropropane	50.0	44.7		ug/Kg		89	70 - 120
1,4-Dichlorobenzene	50.0	47.6		ug/Kg		95	75 - 120
2,2-Dichloropropane	50.0	50.8		ug/Kg		102	67 - 125
2-Chlorotoluene	50.0	41.6		ug/Kg		83	70 - 120
4-Chlorotoluene	50.0	41.3		ug/Kg		83	70 - 120
Benzene	50.0	48.9		ug/Kg		98	70 - 120
Bromobenzene	50.0	44.7		ug/Kg		89	70 - 120
Bromochloromethane	50.0	48.0		ug/Kg		96	67 - 122
Bromodichloromethane	50.0	49.2		ug/Kg		98	70 - 120
Bromoform	50.0	50.2		ug/Kg		100	70 - 125
Bromomethane	50.0	48.6		ug/Kg		97	50 - 150
Carbon tetrachloride	50.0	55.0		ug/Kg		110	70 - 125
Chlorobenzene	50.0	45.3		ug/Kg		91	70 - 120
Chloroethane	50.0	47.3		ug/Kg		95	50 - 150
Chloroform	50.0	50.7		ug/Kg		101	70 - 120

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

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

Lab Sample ID: LCS 500-178184/5

Matrix: Solid

Analysis Batch: 178184

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloromethane	50.0	44.3		ug/Kg		89	50 - 134
cis-1,2-Dichloroethene	50.0	50.4		ug/Kg		101	70 - 120
cis-1,3-Dichloropropene	53.8	52.9		ug/Kg		98	70 - 120
Dibromochloromethane	50.0	49.2		ug/Kg		98	70 - 120
Dibromomethane	50.0	48.2		ug/Kg		96	70 - 120
Dichlorodifluoromethane	50.0	44.2		ug/Kg		88	40 - 140
Ethylbenzene	50.0	46.7		ug/Kg		93	75 - 120
Hexachlorobutadiene	50.0	43.6		ug/Kg		87	70 - 135
Isopropylbenzene	50.0	40.8		ug/Kg		82	70 - 120
Methyl tert-butyl ether	50.0	50.9		ug/Kg		102	58 - 122
Methylene Chloride	50.0	49.8		ug/Kg		100	65 - 125
Naphthalene	50.0	47.0		ug/Kg		94	55 - 132
n-Butylbenzene	50.0	47.4		ug/Kg		95	75 - 120
N-Propylbenzene	50.0	40.0		ug/Kg		80	70 - 120
p-Isopropyltoluene	50.0	46.3		ug/Kg		93	70 - 120
sec-Butylbenzene	50.0	44.3		ug/Kg		89	70 - 120
Styrene	50.0	49.4		ug/Kg		99	75 - 120
tert-Butylbenzene	50.0	41.6		ug/Kg		83	70 - 120
Tetrachloroethene	50.0	45.0		ug/Kg		90	70 - 123
Toluene	50.0	48.3		ug/Kg		97	70 - 120
trans-1,2-Dichloroethene	50.0	51.1		ug/Kg		102	70 - 124
trans-1,3-Dichloropropene	48.6	51.1		ug/Kg		105	70 - 120
Trichloroethene	50.0	49.4		ug/Kg		99	70 - 120
Trichlorofluoromethane	50.0	50.8		ug/Kg		102	63 - 134
Vinyl chloride	50.0	53.2		ug/Kg		106	62 - 138
Xylenes, Total	150	135		ug/Kg		90	70 - 120

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	103		75 - 125
4-Bromofluorobenzene (Surr)	99		75 - 120
Dibromofluoromethane	99		75 - 120
Toluene-d8 (Surr)	99		75 - 120

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 500-177562/1-A

Matrix: Solid

Analysis Batch: 177621

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 177562

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1-Methylnaphthalene	<17		33	17	ug/Kg		02/13/13 18:18	02/14/13 13:46	1
2-Methylnaphthalene	<43		170	43	ug/Kg		02/13/13 18:18	02/14/13 13:46	1
Acenaphthene	<9.9		33	9.9	ug/Kg		02/13/13 18:18	02/14/13 13:46	1
Acenaphthylene	<7.6		33	7.6	ug/Kg		02/13/13 18:18	02/14/13 13:46	1
Anthracene	<7.8		33	7.8	ug/Kg		02/13/13 18:18	02/14/13 13:46	1
Benzo[a]anthracene	<7.0		33	7.0	ug/Kg		02/13/13 18:18	02/14/13 13:46	1
Benzo[a]pyrene	<6.1		33	6.1	ug/Kg		02/13/13 18:18	02/14/13 13:46	1
Benzo[b]fluoranthene	<6.5		33	6.5	ug/Kg		02/13/13 18:18	02/14/13 13:46	1

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 500-177562/1-A

Matrix: Solid

Analysis Batch: 177621

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 177562

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzo[g,h,i]perylene	<11		33	11	ug/Kg		02/13/13 18:18	02/14/13 13:46	1
Benzo[k]fluoranthene	<7.9		33	7.9	ug/Kg		02/13/13 18:18	02/14/13 13:46	1
Chrysene	<7.5		33	7.5	ug/Kg		02/13/13 18:18	02/14/13 13:46	1
Dibenz(a,h)anthracene	<9.3		33	9.3	ug/Kg		02/13/13 18:18	02/14/13 13:46	1
Fluoranthene	<14		33	14	ug/Kg		02/13/13 18:18	02/14/13 13:46	1
Fluorene	<7.6		33	7.6	ug/Kg		02/13/13 18:18	02/14/13 13:46	1
Indeno[1,2,3-cd]pyrene	<11		33	11	ug/Kg		02/13/13 18:18	02/14/13 13:46	1
Naphthalene	<6.4		33	6.4	ug/Kg		02/13/13 18:18	02/14/13 13:46	1
Phenanthrene	<14		33	14	ug/Kg		02/13/13 18:18	02/14/13 13:46	1
Pyrene	<12		33	12	ug/Kg		02/13/13 18:18	02/14/13 13:46	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
2-Fluorobiphenyl	79		30 - 119	02/13/13 18:18	02/14/13 13:46	1
Nitrobenzene-d5 (Surr)	86		30 - 115	02/13/13 18:18	02/14/13 13:46	1
Terphenyl-d14 (Surr)	92		36 - 134	02/13/13 18:18	02/14/13 13:46	1

Lab Sample ID: LCS 500-177562/2-A

Matrix: Solid

Analysis Batch: 177621

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 177562

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	1670	1090		ug/Kg		65	53 - 110
Acenaphthylene	1670	1180		ug/Kg		71	51 - 110
Anthracene	1670	1270		ug/Kg		76	52 - 110
Benzo[a]anthracene	1670	1230		ug/Kg		74	57 - 110
Benzo[a]pyrene	1670	1210		ug/Kg		73	56 - 110
Benzo[b]fluoranthene	1670	1140		ug/Kg		68	50 - 110
Benzo[g,h,i]perylene	1670	1110		ug/Kg		66	54 - 117
Benzo[k]fluoranthene	1670	1310		ug/Kg		79	43 - 121
Chrysene	1670	1270		ug/Kg		76	54 - 110
Dibenz(a,h)anthracene	1670	1100		ug/Kg		66	52 - 118
Fluoranthene	1670	1230		ug/Kg		74	55 - 113
Fluorene	1670	1160		ug/Kg		69	52 - 112
Indeno[1,2,3-cd]pyrene	1670	1120		ug/Kg		67	53 - 116
Naphthalene	1670	1150		ug/Kg		69	48 - 110
Phenanthrene	1670	1260		ug/Kg		75	51 - 116
Pyrene	1670	1270		ug/Kg		76	50 - 112

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
2-Fluorobiphenyl	74		30 - 119
Nitrobenzene-d5 (Surr)	77		30 - 115
Terphenyl-d14 (Surr)	88		36 - 134

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 500-177592/1-A

Matrix: Solid

Analysis Batch: 178332

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 177592

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<17		33	17	ug/Kg		02/14/13 07:12	02/22/13 11:45	1
2-Methylnaphthalene	<43		170	43	ug/Kg		02/14/13 07:12	02/22/13 11:45	1
Acenaphthene	<9.9		33	9.9	ug/Kg		02/14/13 07:12	02/22/13 11:45	1
Acenaphthylene	<7.6		33	7.6	ug/Kg		02/14/13 07:12	02/22/13 11:45	1
Anthracene	<7.8		33	7.8	ug/Kg		02/14/13 07:12	02/22/13 11:45	1
Benzo[a]anthracene	<7.0		33	7.0	ug/Kg		02/14/13 07:12	02/22/13 11:45	1
Benzo[a]pyrene	<6.1		33	6.1	ug/Kg		02/14/13 07:12	02/22/13 11:45	1
Benzo[b]fluoranthene	<6.5		33	6.5	ug/Kg		02/14/13 07:12	02/22/13 11:45	1
Benzo[g,h,i]perylene	<11		33	11	ug/Kg		02/14/13 07:12	02/22/13 11:45	1
Benzo[k]fluoranthene	<7.9		33	7.9	ug/Kg		02/14/13 07:12	02/22/13 11:45	1
Chrysene	<7.5		33	7.5	ug/Kg		02/14/13 07:12	02/22/13 11:45	1
Dibenz(a,h)anthracene	<9.3		33	9.3	ug/Kg		02/14/13 07:12	02/22/13 11:45	1
Fluoranthene	<14		33	14	ug/Kg		02/14/13 07:12	02/22/13 11:45	1
Fluorene	<7.6		33	7.6	ug/Kg		02/14/13 07:12	02/22/13 11:45	1
Indeno[1,2,3-cd]pyrene	<11		33	11	ug/Kg		02/14/13 07:12	02/22/13 11:45	1
Naphthalene	<6.4		33	6.4	ug/Kg		02/14/13 07:12	02/22/13 11:45	1
Phenanthrene	<14		33	14	ug/Kg		02/14/13 07:12	02/22/13 11:45	1
Pyrene	<12		33	12	ug/Kg		02/14/13 07:12	02/22/13 11:45	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	91		30 - 119	02/14/13 07:12	02/22/13 11:45	1
Nitrobenzene-d5 (Surr)	94		30 - 115	02/14/13 07:12	02/22/13 11:45	1
Terphenyl-d14 (Surr)	97		36 - 134	02/14/13 07:12	02/22/13 11:45	1

Lab Sample ID: LCS 500-177592/2-A

Matrix: Solid

Analysis Batch: 178332

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 177592

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Methylnaphthalene	1670	1350		ug/Kg		81	51 - 110
Acenaphthene	1670	1490		ug/Kg		90	53 - 110
Acenaphthylene	1670	1500		ug/Kg		90	51 - 110
Anthracene	1670	1420		ug/Kg		85	52 - 110
Benzo[a]anthracene	1670	1460		ug/Kg		88	57 - 110
Benzo[a]pyrene	1670	1510		ug/Kg		91	56 - 110
Benzo[b]fluoranthene	1670	1460		ug/Kg		88	50 - 110
Benzo[g,h,i]perylene	1670	1420		ug/Kg		85	54 - 117
Benzo[k]fluoranthene	1670	1370		ug/Kg		82	43 - 121
Chrysene	1670	1370		ug/Kg		82	54 - 110
Dibenz(a,h)anthracene	1670	1550		ug/Kg		93	52 - 118
Fluoranthene	1670	1560		ug/Kg		94	55 - 113
Fluorene	1670	1600		ug/Kg		96	52 - 112
Indeno[1,2,3-cd]pyrene	1670	1480		ug/Kg		89	53 - 116
Naphthalene	1670	1310		ug/Kg		78	48 - 110
Phenanthrene	1670	1500		ug/Kg		90	51 - 116
Pyrene	1670	1510		ug/Kg		91	50 - 112

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-177592/2-A

Matrix: Solid

Analysis Batch: 178332

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 177592

<i>Surrogate</i>	<i>LCS</i> <i>%Recovery</i>	<i>LCS</i> <i>Qualifier</i>	<i>Limits</i>
2-Fluorobiphenyl	104		30 - 119
Nitrobenzene-d5 (Surr)	87		30 - 115
Terphenyl-d14 (Surr)	98		36 - 134

Lab Sample ID: 500-54526-2 MS

Matrix: Solid

Analysis Batch: 178332

Client Sample ID: B-55 14-15'

Prep Type: Total/NA

Prep Batch: 177592

<i>Analyte</i>	<i>Sample</i> <i>Result</i>	<i>Sample</i> <i>Qualifier</i>	<i>Spike</i> <i>Added</i>	<i>MS</i> <i>Result</i>	<i>MS</i> <i>Qualifier</i>	<i>Unit</i>	<i>D</i>	<i>%Rec</i>	<i>%Rec.</i> <i>Limits</i>
2-Methylnaphthalene	<50		1870	1180		ug/Kg	*	63	51 - 110
Acenaphthene	<12		1870	1130		ug/Kg	*	60	53 - 110
Acenaphthylene	<8.9		1870	1160		ug/Kg	*	62	51 - 110
Anthracene	<9.1		1870	1220		ug/Kg	*	65	52 - 110
Benzo[a]anthracene	<8.1		1870	1270		ug/Kg	*	68	57 - 110
Benzo[a]pyrene	<7.0		1870	1350		ug/Kg	*	72	56 - 110
Benzo[b]fluoranthene	<7.5		1870	1390		ug/Kg	*	75	50 - 110
Benzo[g,h,i]perylene	<13		1870	1710		ug/Kg	*	92	54 - 117
Benzo[k]fluoranthene	<9.2		1870	1310		ug/Kg	*	70	43 - 121
Chrysene	10	J	1870	1180		ug/Kg	*	63	54 - 110
Dibenz(a,h)anthracene	<11		1870	1900		ug/Kg	*	102	52 - 118
Fluoranthene	<16		1870	1110		ug/Kg	*	59	55 - 113
Fluorene	<8.8		1870	1360		ug/Kg	*	73	52 - 112
Indeno[1,2,3-cd]pyrene	<13		1870	1830		ug/Kg	*	98	53 - 116
Naphthalene	20	J	1870	986		ug/Kg	*	52	48 - 110
Phenanthrene	17	J	1870	1510		ug/Kg	*	80	51 - 116
Pyrene	<14		1870	1280		ug/Kg	*	69	50 - 112

<i>Surrogate</i>	<i>MS</i> <i>%Recovery</i>	<i>MS</i> <i>Qualifier</i>	<i>Limits</i>
2-Fluorobiphenyl	67		30 - 119
Nitrobenzene-d5 (Surr)	60		30 - 115
Terphenyl-d14 (Surr)	75		36 - 134

Lab Sample ID: 500-54526-2 MSD

Matrix: Solid

Analysis Batch: 178332

Client Sample ID: B-55 14-15'

Prep Type: Total/NA

Prep Batch: 177592

<i>Analyte</i>	<i>Sample</i> <i>Result</i>	<i>Sample</i> <i>Qualifier</i>	<i>Spike</i> <i>Added</i>	<i>MSD</i> <i>Result</i>	<i>MSD</i> <i>Qualifier</i>	<i>Unit</i>	<i>D</i>	<i>%Rec</i>	<i>%Rec.</i> <i>Limits</i>	<i>RPD</i>	<i>RPD</i> <i>Limit</i>
2-Methylnaphthalene	<50		1910	1150		ug/Kg	*	61	51 - 110	2	30
Acenaphthene	<12		1910	1190		ug/Kg	*	62	53 - 110	5	30
Acenaphthylene	<8.9		1910	1220		ug/Kg	*	64	51 - 110	6	30
Anthracene	<9.1		1910	1330		ug/Kg	*	70	52 - 110	9	30
Benzo[a]anthracene	<8.1		1910	1230		ug/Kg	*	64	57 - 110	4	30
Benzo[a]pyrene	<7.0		1910	1340		ug/Kg	*	70	56 - 110	1	30
Benzo[b]fluoranthene	<7.5		1910	1240		ug/Kg	*	65	50 - 110	11	30
Benzo[g,h,i]perylene	<13		1910	1260		ug/Kg	*	66	54 - 117	30	30
Benzo[k]fluoranthene	<9.2		1910	1330		ug/Kg	*	70	43 - 121	1	30
Chrysene	10	J	1910	1250		ug/Kg	*	65	54 - 110	6	30
Dibenz(a,h)anthracene	<11		1910	1390	F	ug/Kg	*	73	52 - 118	31	30

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 500-54526-2 MSD

Matrix: Solid

Analysis Batch: 178332

Client Sample ID: B-55 14-15'

Prep Type: Total/NA

Prep Batch: 177592

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.		RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits	RPD		
Fluoranthene	<16		1910	1140		ug/Kg	*	60	55 - 113	3	30	
Fluorene	<8.8		1910	1310		ug/Kg	*	69	52 - 112	3	30	
Indeno[1,2,3-cd]pyrene	<13		1910	1340	F	ug/Kg	*	70	53 - 116	31	30	
Naphthalene	20	J	1910	1050		ug/Kg	*	54	48 - 110	6	30	
Phenanthrene	17	J	1910	1400		ug/Kg	*	72	51 - 116	7	30	
Pyrene	<14		1910	1160		ug/Kg	*	61	50 - 112	10	30	
Surrogate	%Recovery	MSD Qualifier	Limits									
2-Fluorobiphenyl	58		30 - 119									
Nitrobenzene-d5 (Surr)	59		30 - 115									
Terphenyl-d14 (Surr)	64		36 - 134									

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

Lab Sample ID: MB 500-177563/1-A

Matrix: Solid

Analysis Batch: 177748

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 177563

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
PCB-1016	<5.9		17	5.9	ug/Kg		02/13/13 18:40	02/15/13 12:32	1
PCB-1221	<7.3		17	7.3	ug/Kg		02/13/13 18:40	02/15/13 12:32	1
PCB-1232	<7.3		17	7.3	ug/Kg		02/13/13 18:40	02/15/13 12:32	1
PCB-1242	<5.5		17	5.5	ug/Kg		02/13/13 18:40	02/15/13 12:32	1
PCB-1248	<6.6		17	6.6	ug/Kg		02/13/13 18:40	02/15/13 12:32	1
PCB-1254	<3.6		17	3.6	ug/Kg		02/13/13 18:40	02/15/13 12:32	1
PCB-1260	<8.2		17	8.2	ug/Kg		02/13/13 18:40	02/15/13 12:32	1
Surrogate	%Recovery	MB Qualifier	Limits						
Tetrachloro-m-xylene	71		50 - 116						
DCB Decachlorobiphenyl	91		48 - 142						

Lab Sample ID: LCS 500-177563/2-A

Matrix: Solid

Analysis Batch: 177748

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 177563

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec.	
		Result	Qualifier				Limits	RPD
PCB-1016	167	129		ug/Kg		77	59 - 110	
PCB-1260	167	146		ug/Kg		88	69 - 120	
Surrogate	%Recovery	LCS Qualifier	Limits					
Tetrachloro-m-xylene	76		50 - 116					
DCB Decachlorobiphenyl	88		48 - 142					

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

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

Lab Sample ID: 500-54526-4 MS

Matrix: Solid

Analysis Batch: 177748

Client Sample ID: B-57 8-10'

Prep Type: Total/NA

Prep Batch: 177563

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.	Limits
	Result	Qualifier	Added	Result	Qualifier					
PCB-1016	<6.8		188	155		ug/Kg	☼	83		59 - 110
PCB-1260	<9.4		188	175		ug/Kg	☼	93		69 - 120
MS MS										
Surrogate	%Recovery	Qualifier	Limits							
Tetrachloro-m-xylene	77		50 - 116							
DCB Decachlorobiphenyl	98		48 - 142							

Lab Sample ID: 500-54526-4 MSD

Matrix: Solid

Analysis Batch: 177748

Client Sample ID: B-57 8-10'

Prep Type: Total/NA

Prep Batch: 177563

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	Limits	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier							
PCB-1016	<6.8		191	154		ug/Kg	☼	81		59 - 110	1	30
PCB-1260	<9.4		191	182		ug/Kg	☼	95		69 - 120	4	30
MSD MSD												
Surrogate	%Recovery	Qualifier	Limits									
Tetrachloro-m-xylene	70		50 - 116									
DCB Decachlorobiphenyl	98		48 - 142									

Lab Chronicle

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-55 0-2'

Lab Sample ID: 500-54526-1

Date Collected: 02/04/13 10:15

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 84.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			177578	02/04/13 10:15	WRE	TAL CHI
Total/NA	Analysis	8260B		50	177596	02/14/13 15:41	BDA	TAL CHI
Total/NA	Prep	3541			177592	02/14/13 07:12	STW	TAL CHI
Total/NA	Analysis	8270D		1	178560	02/26/13 11:57	AD	TAL CHI
Total/NA	Prep	3541			177563	02/13/13 18:40	DEA	TAL CHI
Total/NA	Analysis	8082		1	177748	02/15/13 13:00	GMO	TAL CHI
Total/NA	Analysis	Moisture		1	177474	02/13/13 13:02	CMV	TAL CHI

Client Sample ID: B-55 14-15'

Lab Sample ID: 500-54526-2

Date Collected: 02/04/13 15:50

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 85.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			177578	02/04/13 15:50	WRE	TAL CHI
Total/NA	Analysis	8260B		50	177596	02/14/13 16:04	BDA	TAL CHI
Total/NA	Prep	3541			177592	02/14/13 07:12	STW	TAL CHI
Total/NA	Analysis	8270D		1	178332	02/22/13 14:46	PMF	TAL CHI
Total/NA	Prep	3541			177563	02/13/13 18:40	DEA	TAL CHI
Total/NA	Analysis	8082		1	177748	02/15/13 13:14	GMO	TAL CHI
Total/NA	Analysis	Moisture		1	177474	02/13/13 13:02	CMV	TAL CHI

Client Sample ID: B-57 0-2'

Lab Sample ID: 500-54526-3

Date Collected: 02/04/13 11:40

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 84.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			177578	02/04/13 11:40	WRE	TAL CHI
Total/NA	Analysis	8260B		200	177596	02/14/13 18:42	BDA	TAL CHI
Total/NA	Prep	5035	DL		177578	02/04/13 11:40	WRE	TAL CHI
Total/NA	Analysis	8260B	DL	2000	177596	02/14/13 19:05	BDA	TAL CHI
Total/NA	Prep	3541			177592	02/14/13 07:12	STW	TAL CHI
Total/NA	Analysis	8270D		50	178332	02/22/13 20:19	PMF	TAL CHI
Total/NA	Prep	3541	DL		177592	02/14/13 07:12	STW	TAL CHI
Total/NA	Analysis	8270D	DL	250	178560	02/26/13 12:20	AD	TAL CHI
Total/NA	Prep	3541			177563	02/13/13 18:40	DEA	TAL CHI
Total/NA	Analysis	8082		1	177748	02/15/13 13:28	GMO	TAL CHI
Total/NA	Analysis	Moisture		1	177474	02/13/13 13:02	CMV	TAL CHI

Lab Chronicle

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-57 8-10'

Lab Sample ID: 500-54526-4

Date Collected: 02/04/13 16:00

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 86.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			177578	02/04/13 16:00	WRE	TAL CHI
Total/NA	Analysis	8260B		50	177596	02/14/13 16:26	BDA	TAL CHI
Total/NA	Prep	3541			177592	02/14/13 07:12	STW	TAL CHI
Total/NA	Analysis	8270D		1	178332	02/22/13 15:08	PMF	TAL CHI
Total/NA	Prep	3541			177563	02/13/13 18:40	DEA	TAL CHI
Total/NA	Analysis	8082		1	177748	02/15/13 13:42	GMO	TAL CHI
Total/NA	Analysis	Moisture		1	177474	02/13/13 13:02	CMV	TAL CHI

Client Sample ID: B-59 0-2'

Lab Sample ID: 500-54526-5

Date Collected: 02/04/13 12:55

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 80.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			177578	02/04/13 12:55	WRE	TAL CHI
Total/NA	Analysis	8260B		50	177596	02/14/13 16:49	BDA	TAL CHI
Total/NA	Prep	3541			177592	02/14/13 07:12	STW	TAL CHI
Total/NA	Analysis	8270D		1	178332	02/22/13 15:30	PMF	TAL CHI
Total/NA	Prep	3541	DL		177592	02/14/13 07:12	STW	TAL CHI
Total/NA	Analysis	8270D	DL	2	178560	02/26/13 12:44	AD	TAL CHI
Total/NA	Prep	3541			177563	02/13/13 18:40	DEA	TAL CHI
Total/NA	Analysis	8082		1	177748	02/15/13 14:24	GMO	TAL CHI
Total/NA	Analysis	Moisture		1	177474	02/13/13 13:02	CMV	TAL CHI

Client Sample ID: B-59 6-8'

Lab Sample ID: 500-54526-6

Date Collected: 02/04/13 16:10

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 85.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			177578	02/04/13 16:10	WRE	TAL CHI
Total/NA	Analysis	8260B		50	177596	02/14/13 17:11	BDA	TAL CHI
Total/NA	Prep	3541			177592	02/14/13 07:12	STW	TAL CHI
Total/NA	Analysis	8270D		1	178332	02/22/13 15:52	PMF	TAL CHI
Total/NA	Prep	3541			177563	02/13/13 18:40	DEA	TAL CHI
Total/NA	Analysis	8082		1	177748	02/15/13 14:38	GMO	TAL CHI
Total/NA	Analysis	Moisture		1	177474	02/13/13 13:02	CMV	TAL CHI

Client Sample ID: B-62 0-2'

Lab Sample ID: 500-54526-7

Date Collected: 02/04/13 14:40

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 91.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			177578	02/04/13 14:40	WRE	TAL CHI
Total/NA	Analysis	8260B		50	177596	02/14/13 17:34	BDA	TAL CHI

TestAmerica Chicago

Lab Chronicle

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-62 0-2'

Lab Sample ID: 500-54526-7

Date Collected: 02/04/13 14:40

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 91.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			177592	02/14/13 07:12	STW	TAL CHI
Total/NA	Analysis	8270D		1	178560	02/26/13 13:07	AD	TAL CHI
Total/NA	Prep	3541			177563	02/13/13 18:40	DEA	TAL CHI
Total/NA	Analysis	8082		1	177748	02/15/13 14:52	GMO	TAL CHI
Total/NA	Analysis	Moisture		1	177474	02/13/13 13:02	CMV	TAL CHI

Client Sample ID: B-62 11-12'

Lab Sample ID: 500-54526-8

Date Collected: 02/04/13 16:20

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 84.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			177578	02/04/13 16:20	WRE	TAL CHI
Total/NA	Analysis	8260B		50	177596	02/14/13 17:57	BDA	TAL CHI
Total/NA	Prep	3541			177592	02/14/13 07:12	STW	TAL CHI
Total/NA	Analysis	8270D		1	178560	02/26/13 13:31	AD	TAL CHI
Total/NA	Prep	3541			177563	02/13/13 18:40	DEA	TAL CHI
Total/NA	Analysis	8082		1	177748	02/15/13 15:06	GMO	TAL CHI
Total/NA	Analysis	Moisture		1	177474	02/13/13 13:02	CMV	TAL CHI

Client Sample ID: B-97 15'

Lab Sample ID: 500-54526-9

Date Collected: 02/06/13 09:55

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 84.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			177578	02/06/13 09:55	WRE	TAL CHI
Total/NA	Analysis	8260B		50	177596	02/14/13 18:20	BDA	TAL CHI
Total/NA	Prep	3541			177592	02/14/13 07:12	STW	TAL CHI
Total/NA	Analysis	8270D		1	178332	02/22/13 16:36	PMF	TAL CHI
Total/NA	Analysis	Moisture		1	177474	02/13/13 13:02	CMV	TAL CHI

Client Sample ID: B-113 15'

Lab Sample ID: 500-54526-10

Date Collected: 02/06/13 13:20

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 88.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			177578	02/06/13 13:20	WRE	TAL CHI
Total/NA	Analysis	8260B		50	177772	02/15/13 23:26	BDA	TAL CHI
Total/NA	Prep	3541			177592	02/14/13 07:12	STW	TAL CHI
Total/NA	Analysis	8270D		1	178332	02/22/13 16:59	PMF	TAL CHI
Total/NA	Analysis	Moisture		1	177474	02/13/13 13:02	CMV	TAL CHI

Lab Chronicle

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-108 15'

Lab Sample ID: 500-54526-11

Date Collected: 02/06/13 14:15

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 88.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			177578	02/06/13 14:15	WRE	TAL CHI
Total/NA	Analysis	8260B		50	177772	02/16/13 05:06	BDA	TAL CHI
Total/NA	Prep	5035	DL		177578	02/06/13 14:15	WRE	TAL CHI
Total/NA	Analysis	8260B	DL	500	177955	02/19/13 16:37	BDA	TAL CHI
Total/NA	Prep	3541			177592	02/14/13 07:12	STW	TAL CHI
Total/NA	Analysis	8270D		1	178332	02/22/13 17:21	PMF	TAL CHI
Total/NA	Analysis	8270D		5	178560	02/26/13 13:55	AD	TAL CHI
Total/NA	Analysis	Moisture		1	177474	02/13/13 13:02	CMV	TAL CHI

Client Sample ID: B-48 0-2'

Lab Sample ID: 500-54526-12

Date Collected: 02/07/13 11:05

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 86.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			177578	02/07/13 11:05	WRE	TAL CHI
Total/NA	Analysis	8260B		50	177772	02/15/13 23:48	BDA	TAL CHI
Total/NA	Prep	3541			177592	02/14/13 07:12	STW	TAL CHI
Total/NA	Analysis	8270D		5	178560	02/26/13 14:18	AD	TAL CHI
Total/NA	Prep	3541			177563	02/13/13 18:40	DEA	TAL CHI
Total/NA	Analysis	8082		1	177748	02/15/13 15:34	GMO	TAL CHI
Total/NA	Analysis	Moisture		1	177474	02/13/13 13:02	CMV	TAL CHI

Client Sample ID: B-48 10-12'

Lab Sample ID: 500-54526-13

Date Collected: 02/07/13 11:20

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 83.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			177578	02/07/13 11:20	WRE	TAL CHI
Total/NA	Analysis	8260B		50	177772	02/16/13 00:11	BDA	TAL CHI
Total/NA	Prep	3541			177592	02/14/13 07:12	STW	TAL CHI
Total/NA	Analysis	8270D		1	178332	02/22/13 17:43	PMF	TAL CHI
Total/NA	Prep	3541			177563	02/13/13 18:40	DEA	TAL CHI
Total/NA	Analysis	8082		1	177748	02/15/13 15:48	GMO	TAL CHI
Total/NA	Analysis	Moisture		1	177474	02/13/13 13:02	CMV	TAL CHI

Client Sample ID: B-50 0-2'

Lab Sample ID: 500-54526-14

Date Collected: 02/07/13 12:10

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 87.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			177578	02/07/13 12:10	WRE	TAL CHI
Total/NA	Analysis	8260B		50	177772	02/16/13 00:33	BDA	TAL CHI
Total/NA	Prep	3541			177592	02/14/13 07:12	STW	TAL CHI

TestAmerica Chicago

Lab Chronicle

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-50 0-2'

Lab Sample ID: 500-54526-14

Date Collected: 02/07/13 12:10

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 87.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8270D		10	178560	02/26/13 15:53	AD	TAL CHI
Total/NA	Prep	3541			177563	02/13/13 18:40	DEA	TAL CHI
Total/NA	Analysis	8082		1	177748	02/15/13 16:02	GMO	TAL CHI
Total/NA	Analysis	Moisture		1	177474	02/13/13 13:02	CMV	TAL CHI

Client Sample ID: B-50 6-8'

Lab Sample ID: 500-54526-15

Date Collected: 02/07/13 12:15

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 86.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			177578	02/07/13 12:15	WRE	TAL CHI
Total/NA	Analysis	8260B		100	177772	02/16/13 05:28	BDA	TAL CHI
Total/NA	Prep	5035	DL		177578	02/07/13 12:15	WRE	TAL CHI
Total/NA	Analysis	8260B	DL	1000	177772	02/16/13 05:51	BDA	TAL CHI
Total/NA	Prep	3541			177592	02/14/13 07:12	STW	TAL CHI
Total/NA	Analysis	8270D		10	178560	02/26/13 15:06	AD	TAL CHI
Total/NA	Prep	3541	DL		177592	02/14/13 07:12	STW	TAL CHI
Total/NA	Analysis	8270D	DL	50	178666	02/27/13 11:34	AD	TAL CHI
Total/NA	Prep	3541			177563	02/13/13 18:40	DEA	TAL CHI
Total/NA	Analysis	8082		1	177748	02/15/13 16:16	GMO	TAL CHI
Total/NA	Analysis	Moisture		1	177474	02/13/13 13:02	CMV	TAL CHI

Client Sample ID: B-50 15'

Lab Sample ID: 500-54526-16

Date Collected: 02/07/13 12:20

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 85.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			177578	02/07/13 12:20	WRE	TAL CHI
Total/NA	Analysis	8260B		50	177772	02/16/13 00:56	BDA	TAL CHI
Total/NA	Prep	3541			177592	02/14/13 07:12	STW	TAL CHI
Total/NA	Analysis	8270D		1	178560	02/26/13 15:30	AD	TAL CHI
Total/NA	Analysis	Moisture		1	177474	02/13/13 13:02	CMV	TAL CHI

Client Sample ID: B-49 0-2'

Lab Sample ID: 500-54526-17

Date Collected: 02/07/13 12:40

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 81.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			177578	02/07/13 12:40	WRE	TAL CHI
Total/NA	Analysis	8260B		50	177772	02/16/13 01:19	BDA	TAL CHI
Total/NA	Prep	3541			177592	02/14/13 07:12	STW	TAL CHI
Total/NA	Analysis	8270D		5	178560	02/26/13 16:18	AD	TAL CHI
Total/NA	Prep	3541	DL		177592	02/14/13 07:12	STW	TAL CHI

TestAmerica Chicago

Lab Chronicle

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-49 0-2'

Lab Sample ID: 500-54526-17

Date Collected: 02/07/13 12:40

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 81.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8270D	DL	25	178666	02/27/13 11:57	AD	TAL CHI
Total/NA	Prep	3541			177563	02/13/13 18:40	DEA	TAL CHI
Total/NA	Analysis	8082		1	177748	02/15/13 16:30	GMO	TAL CHI
Total/NA	Analysis	Moisture		1	177474	02/13/13 13:02	CMV	TAL CHI

Client Sample ID: B-49 6-8'

Lab Sample ID: 500-54526-18

Date Collected: 02/07/13 12:45

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 64.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			177578	02/07/13 12:45	WRE	TAL CHI
Total/NA	Analysis	8260B		1000	177772	02/16/13 06:14	BDA	TAL CHI
Total/NA	Prep	5035	DL		177578	02/07/13 12:45	WRE	TAL CHI
Total/NA	Analysis	8260B	DL	100000	177955	02/19/13 16:59	BDA	TAL CHI
Total/NA	Prep	3541			177592	02/14/13 07:12	STW	TAL CHI
Total/NA	Analysis	8270D		1000	178560	02/26/13 17:05	AD	TAL CHI
Total/NA	Prep	3541	DL		177592	02/14/13 07:12	STW	TAL CHI
Total/NA	Analysis	8270D	DL	5000	178666	02/27/13 12:21	AD	TAL CHI
Total/NA	Prep	3541			177563	02/13/13 18:40	DEA	TAL CHI
Total/NA	Analysis	8082		1	177748	02/15/13 16:44	GMO	TAL CHI
Total/NA	Analysis	Moisture		1	177474	02/13/13 13:02	CMV	TAL CHI

Client Sample ID: B-45 0-2'

Lab Sample ID: 500-54526-19

Date Collected: 02/07/13 09:15

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 87.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			177579	02/07/13 09:15	WRE	TAL CHI
Total/NA	Analysis	8260B		50	177772	02/16/13 01:41	BDA	TAL CHI
Total/NA	Prep	3541			177592	02/14/13 07:12	STW	TAL CHI
Total/NA	Analysis	8270D		5	178560	02/26/13 17:28	AD	TAL CHI
Total/NA	Prep	3541			177563	02/13/13 18:40	DEA	TAL CHI
Total/NA	Analysis	8082		1	177748	02/15/13 16:58	GMO	TAL CHI
Total/NA	Analysis	Moisture		1	177474	02/13/13 13:02	CMV	TAL CHI

Client Sample ID: B-45 8-10'

Lab Sample ID: 500-54526-20

Date Collected: 02/07/13 09:30

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 85.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			177579	02/07/13 09:30	WRE	TAL CHI
Total/NA	Analysis	8260B		50	177772	02/16/13 02:04	BDA	TAL CHI
Total/NA	Prep	3541			177592	02/14/13 07:12	STW	TAL CHI

TestAmerica Chicago

Lab Chronicle

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-45 8-10'

Lab Sample ID: 500-54526-20

Date Collected: 02/07/13 09:30

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 85.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8270D		1	178332	02/22/13 19:11	PMF	TAL CHI
Total/NA	Prep	3541			177563	02/13/13 18:40	DEA	TAL CHI
Total/NA	Analysis	8082		1	177748	02/15/13 17:12	GMO	TAL CHI
Total/NA	Analysis	Moisture		1	177474	02/13/13 13:02	CMV	TAL CHI

Client Sample ID: B-46 0-2'

Lab Sample ID: 500-54526-21

Date Collected: 02/07/13 10:10

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 79.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			177579	02/07/13 10:10	WRE	TAL CHI
Total/NA	Analysis	8260B		50	177772	02/16/13 02:26	BDA	TAL CHI
Total/NA	Prep	3541			177562	02/13/13 18:18	DEA	TAL CHI
Total/NA	Analysis	8270D		1	178560	02/26/13 17:51	AD	TAL CHI
Total/NA	Prep	3541			177563	02/13/13 18:40	DEA	TAL CHI
Total/NA	Analysis	8082		1	177748	02/15/13 17:26	GMO	TAL CHI
Total/NA	Analysis	Moisture		1	177528	02/13/13 13:27	CMV	TAL CHI

Client Sample ID: B-46 10-12'

Lab Sample ID: 500-54526-22

Date Collected: 02/07/13 10:25

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 82.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			177579	02/07/13 10:25	WRE	TAL CHI
Total/NA	Analysis	8260B		50	177772	02/16/13 02:49	BDA	TAL CHI
Total/NA	Prep	3541			177562	02/13/13 18:18	DEA	TAL CHI
Total/NA	Analysis	8270D		1	178560	02/26/13 18:15	AD	TAL CHI
Total/NA	Prep	3541			177563	02/13/13 18:40	DEA	TAL CHI
Total/NA	Analysis	8082		1	177748	02/15/13 17:39	GMO	TAL CHI
Total/NA	Analysis	Moisture		1	177528	02/13/13 13:27	CMV	TAL CHI

Client Sample ID: B-47 0-2'

Lab Sample ID: 500-54526-23

Date Collected: 02/07/13 10:40

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 84.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			177579	02/07/13 10:40	WRE	TAL CHI
Total/NA	Analysis	8260B		50	177772	02/16/13 03:12	BDA	TAL CHI
Total/NA	Prep	3541			177562	02/13/13 18:18	DEA	TAL CHI
Total/NA	Analysis	8270D		1	178560	02/26/13 18:39	AD	TAL CHI
Total/NA	Prep	3541			177563	02/13/13 18:40	DEA	TAL CHI
Total/NA	Analysis	8082		1	177748	02/15/13 17:53	GMO	TAL CHI
Total/NA	Analysis	Moisture		1	177528	02/13/13 13:27	CMV	TAL CHI

TestAmerica Chicago

Lab Chronicle

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-47 14-15'

Lab Sample ID: 500-54526-24

Date Collected: 02/07/13 10:55

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 82.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			177579	02/07/13 10:55	WRE	TAL CHI
Total/NA	Analysis	8260B		50	177772	02/16/13 03:35	BDA	TAL CHI
Total/NA	Prep	3541			177562	02/13/13 18:18	DEA	TAL CHI
Total/NA	Analysis	8270D		1	178560	02/26/13 19:03	AD	TAL CHI
Total/NA	Prep	3541			177563	02/13/13 18:40	DEA	TAL CHI
Total/NA	Analysis	8082		1	177748	02/15/13 18:07	GMO	TAL CHI
Total/NA	Analysis	Moisture		1	177528	02/13/13 13:27	CMV	TAL CHI

Client Sample ID: B-71 15'

Lab Sample ID: 500-54526-25

Date Collected: 02/08/13 10:15

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 84.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			177579	02/08/13 10:15	WRE	TAL CHI
Total/NA	Analysis	8260B		1000	177772	02/16/13 06:59	BDA	TAL CHI
Total/NA	Prep	5035	DL		177579	02/08/13 10:15	WRE	TAL CHI
Total/NA	Analysis	8260B	DL	10000	177772	02/16/13 07:22	BDA	TAL CHI
Total/NA	Prep	3541			177562	02/13/13 18:18	DEA	TAL CHI
Total/NA	Analysis	8270D		10	178560	02/26/13 19:27	AD	TAL CHI
Total/NA	Analysis	8270D		100	178666	02/27/13 15:52	AD	TAL CHI
Total/NA	Analysis	Moisture		1	177528	02/13/13 13:27	CMV	TAL CHI

Client Sample ID: B-71 25'

Lab Sample ID: 500-54526-26

Date Collected: 02/08/13 10:35

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 84.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			177579	02/08/13 10:35	WRE	TAL CHI
Total/NA	Analysis	8260B		50	177772	02/16/13 03:57	BDA	TAL CHI
Total/NA	Prep	3541			177562	02/13/13 18:18	DEA	TAL CHI
Total/NA	Analysis	8270D		1	178560	02/26/13 19:50	AD	TAL CHI
Total/NA	Analysis	Moisture		1	177528	02/13/13 13:27	CMV	TAL CHI

Client Sample ID: B-80 15'

Lab Sample ID: 500-54526-27

Date Collected: 02/08/13 12:35

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 82.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			177579	02/08/13 12:35	WRE	TAL CHI
Total/NA	Analysis	8260B		50	177772	02/16/13 04:20	BDA	TAL CHI
Total/NA	Prep	3541			177562	02/13/13 18:18	DEA	TAL CHI
Total/NA	Analysis	8270D		1	178560	02/26/13 20:14	AD	TAL CHI

TestAmerica Chicago

Lab Chronicle

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-80 15'

Lab Sample ID: 500-54526-27

Date Collected: 02/08/13 12:35

Matrix: Solid

Date Received: 02/13/13 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	177528	02/13/13 13:27	CMV	TAL CHI

Client Sample ID: B-84 15'

Lab Sample ID: 500-54526-28

Date Collected: 02/11/13 08:55

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 85.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			177579	02/11/13 08:55	WRE	TAL CHI
Total/NA	Analysis	8260B		50	177772	02/16/13 04:43	BDA	TAL CHI
Total/NA	Prep	3541			177562	02/13/13 18:18	DEA	TAL CHI
Total/NA	Analysis	8270D		1	178560	02/26/13 20:37	AD	TAL CHI
Total/NA	Analysis	Moisture		1	177528	02/13/13 13:27	CMV	TAL CHI

Client Sample ID: B-86 15'

Lab Sample ID: 500-54526-29

Date Collected: 02/11/13 10:30

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 83.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			177579	02/11/13 10:30	WRE	TAL CHI
Total/NA	Analysis	8260B		50	177955	02/19/13 14:20	BDA	TAL CHI
Total/NA	Prep	3541			177562	02/13/13 18:18	DEA	TAL CHI
Total/NA	Analysis	8270D		1	178560	02/26/13 21:01	AD	TAL CHI
Total/NA	Analysis	Moisture		1	177528	02/13/13 13:27	CMV	TAL CHI

Client Sample ID: B-87 15'

Lab Sample ID: 500-54526-30

Date Collected: 02/11/13 11:30

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 81.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			177579	02/11/13 11:30	WRE	TAL CHI
Total/NA	Analysis	8260B		200	177955	02/19/13 17:21	BDA	TAL CHI
Total/NA	Prep	5035	DL		177579	02/11/13 11:30	WRE	TAL CHI
Total/NA	Analysis	8260B	DL	10000	178184	02/21/13 18:59	BDA	TAL CHI
Total/NA	Prep	3541			177562	02/13/13 18:18	DEA	TAL CHI
Total/NA	Analysis	8270D		100	178666	02/27/13 13:31	AD	TAL CHI
Total/NA	Prep	3541	DL		177562	02/13/13 18:18	DEA	TAL CHI
Total/NA	Analysis	8270D	DL	1000	178666	02/27/13 16:15	AD	TAL CHI
Total/NA	Analysis	Moisture		1	177528	02/13/13 13:27	CMV	TAL CHI

Lab Chronicle

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: B-87 30'

Lab Sample ID: 500-54526-31

Date Collected: 02/11/13 12:15

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 82.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			177579	02/11/13 12:15	WRE	TAL CHI
Total/NA	Analysis	8260B		50	177955	02/19/13 14:43	BDA	TAL CHI
Total/NA	Prep	3541			177562	02/13/13 18:18	DEA	TAL CHI
Total/NA	Analysis	8270D		1	178666	02/27/13 13:55	AD	TAL CHI
Total/NA	Analysis	Moisture		1	177528	02/13/13 13:27	CMV	TAL CHI

Client Sample ID: B-81 15'

Lab Sample ID: 500-54526-32

Date Collected: 02/11/13 12:40

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 83.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			177579	02/11/13 12:40	WRE	TAL CHI
Total/NA	Analysis	8260B		50	177955	02/19/13 15:06	BDA	TAL CHI
Total/NA	Prep	3541			177562	02/13/13 18:18	DEA	TAL CHI
Total/NA	Analysis	8270D		1	178666	02/27/13 14:18	AD	TAL CHI
Total/NA	Prep	3541	DL		177562	02/13/13 18:18	DEA	TAL CHI
Total/NA	Analysis	8270D	DL	10	178666	02/27/13 14:42	AD	TAL CHI
Total/NA	Analysis	Moisture		1	177528	02/13/13 13:27	CMV	TAL CHI

Client Sample ID: B-76 15'

Lab Sample ID: 500-54526-33

Date Collected: 02/11/13 13:05

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 80.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			177579	02/11/13 13:05	WRE	TAL CHI
Total/NA	Analysis	8260B		50	177955	02/19/13 15:29	BDA	TAL CHI
Total/NA	Prep	3541			177562	02/13/13 18:18	DEA	TAL CHI
Total/NA	Analysis	8270D		1	178666	02/27/13 15:05	AD	TAL CHI
Total/NA	Analysis	Moisture		1	177528	02/13/13 13:27	CMV	TAL CHI

Client Sample ID: B-69 15'

Lab Sample ID: 500-54526-34

Date Collected: 02/11/13 14:10

Matrix: Solid

Date Received: 02/13/13 10:10

Percent Solids: 83.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			177579	02/11/13 14:10	WRE	TAL CHI
Total/NA	Analysis	8260B		50	177955	02/19/13 15:51	BDA	TAL CHI
Total/NA	Prep	3541			177562	02/13/13 18:18	DEA	TAL CHI
Total/NA	Analysis	8270D		1	178666	02/27/13 15:28	AD	TAL CHI
Total/NA	Analysis	Moisture		1	177528	02/13/13 13:29	CMV	TAL CHI

Lab Chronicle

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Client Sample ID: TB-1

Lab Sample ID: 500-54526-35

Date Collected: 02/11/13 00:00

Matrix: Solid

Date Received: 02/13/13 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			177579	02/11/13 00:00	WRE	TAL CHI
Total/NA	Analysis	8260B		50	177955	02/19/13 16:14	BDA	TAL CHI

Laboratory References:

TAL CHI = TestAmerica Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

Certification Summary

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54526-1

Laboratory: TestAmerica Chicago

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Alabama	State Program	4	40461	04-30-13
California	NELAP	9	01132CA	04-30-13
Georgia	State Program	4	N/A	04-30-13
Georgia	State Program	4	939	04-30-13
Hawaii	State Program	9	N/A	04-30-13
Illinois	NELAP	5	100201	04-30-13
Indiana	State Program	5	C-IL-02	04-30-13
Iowa	State Program	7	82	05-01-14
Kansas	NELAP	7	E-10161	10-31-13
Kentucky	State Program	4	90023	12-31-13
Kentucky (UST)	State Program	4	66	04-11-13
Louisiana	NELAP	6	30720	06-30-13
Massachusetts	State Program	1	M-IL035	06-30-13
Mississippi	State Program	4	N/A	04-30-13
North Carolina DENR	State Program	4	291	12-31-13
North Dakota	State Program	8	R-194	04-30-13
Oklahoma	State Program	6	8908	08-31-13
South Carolina	State Program	4	77001	04-30-13
Texas	NELAP	6	T104704252-09-TX	02-28-13
USDA	Federal		P330-12-00038	02-06-15
Virginia	NELAP	3	460142	06-14-13
Wisconsin	State Program	5	999580010	08-31-13
Wyoming	State Program	8	8TMS-Q	04-30-13

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

2417 Bond Street, University Park, IL 60484
 Phone: 708.534.5200 Fax: 708.534.5211

Report To (optional) Mike Noel
 Contact: Mike Noel
 Company: Tetra Tech
 Address: 175 N. CORPORATE DR
Bloomfield WI Suite 100
 Address: 262792-1282
 Phone: 262792-1282
 Fax: 262792-1310
 E-Mail:

Bill To (optional)
 Contact:
 Company: Beazer
 Address:
 Address:
 Phone:
 Fax:
 PO#/Reference#

Chain of Custody Record

Lab Job #: 500-54526
 Chain of Custody Number:
 Page 1 of 4
 Temperature °C of Cooler: (1.6)(2.1)(1.9)

Client		Client Project #		Preservative		Parameter		Matrix		Preservative Key 1. HCL, Cool to 4° 2. H2SO4, Cool to 4° 3. HNO3, Cool to 4° 4. NaOH, Cool to 4° 5. NaOH/Zn, Cool to 4° 6. NaHSO4 7. Cool to 4° 8. None 9. Other	
Project Name		Lab Project #		Sampler		Lab PM		Matrix			
Project Location/State		Lab Project #		Sampler		Lab PM		Matrix			
TETRA TECH		117-2201289.02		9 8 8 8		VOC PAH PCB		DRY WEIGHT		Comments Do NOT analyze FOR PCB ↓	
Beazer Oak Creek											
Oak Creek, WI											
Ashley A. Weimer											
Lab ID	MS/MSD	Sample ID	2013 Sampling		# of Containers	Matrix	VOC	PAH	PCB		DRY WEIGHT
			Date	Time							
1	B-55	0-2'	2-4	10:15	3	SO	✓	✓	✓		✓
2	B-55	14-15'		15:50	3		✓	✓	✓		✓
3	B-57	0-2'		11:40	3		✓	✓	✓		✓
4	B-57	8-10'		16:00	3		✓	✓	✓		✓
5	B-59	0-2'		12:55	3		✓	✓	✓	✓	
6	B-59	6-8'		16:10	3		✓	✓	✓	✓	
7	B-62	0-2'		14:40	3		✓	✓	✓	✓	
8	B-62	11-12'	↓	16:20	3		✓	✓	✓	✓	
9	B-97	15'	2-6	9:55	3		✓	✓	✓	✓	
10	B-113	15'	↓	13:20	3	↓	✓	✓	✓	✓	

Turnaround Time Required (Business Days)
 ___ 1 Day ___ 2 Days ___ 5 Days ___ 7 Days X 10 Days ___ 15 Days ___ Other

Requested Due Date

Sample Disposal
 Return to Client Disposal by Lab Archive for ___ Months (A fee may be assessed if samples are retained longer than 1 month)

Relinquished By <u>Mark Whaley</u>	Company <u>Tetra Tech</u>	Date <u>2/12/13</u>	Time <u>12:00</u>	Received By <u>Fed Ex</u>	Company <u>TA</u>	Date <u>2/13/13</u>	Time <u>1010</u>	Lab Courier
Relinquished By	Company	Date	Time	Received By	Company	Date	Time	Shipped <u>FX</u>
Relinquished By	Company	Date	Time	Received By	Company	Date	Time	Hand Delivered

- Matrix Key
- WW - Wastewater
 - W - Water
 - S - Soil
 - SL - Sludge
 - MS - Miscellaneous
 - OL - Oil
 - A - Air
 - SE - Sediment
 - SO - Soil
 - L - Leachate
 - WI - Wipe
 - DW - Drinking Water
 - C - Other

Client Comments
PAH + PCB analyzed from same container

Lab Comments:

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

2417 Bond Street, University Park, IL 60484
Phone: 708.534.5200 Fax: 708.534.5211

Report To (optional)
Contact: Mike WOI
Company: Tetra Tech
Address: 175 N. CORPORATE DR SUITE 100
BROOKFIELD, WI 53005
Phone: (262) 792-1282
Fax: (262) 792-1310
E-Mail:

Bill To (optional)
Contact: _____
Company: Beazer
Address: _____
Phone: _____
Fax: _____
PO#/Reference#

Chain of Custody Record

Lab Job #: 500-54526
Chain of Custody Number: _____
Page 4 of 4
Temperature °C of Cooler: _____

Client		Client Project #		Preservative		Parameter		Preservative Key			
<u>Tetra Tech</u>		<u>117-2201289.02</u>		<u>9</u>	<u>8</u>	<u>8</u>	<u>8</u>	1. HCL, Cool to 4° 2. H2SO4, Cool to 4° 3. HNO3, Cool to 4° 4. NaOH, Cool to 4° 5. NaOH/Zn, Cool to 4° 6. NaHSO4 7. Cool to 4° 8. None 9. Other			
Project Name		Lab Project #		# of Containers	Matrix	Comments					
<u>Beazer Oak Creek</u>											
Project Location/State		Lab PM									
<u>Oak Creek, WI</u>		<u>Ashley A. Weimer</u>									
Lab ID	MS/MSD	Sample ID	2013 Sampling		# of Containers	Matrix					
			Date	Time							
<u>11</u>		<u>B-108 15'</u>	<u>2-6</u>	<u>14:15</u>	<u>3 SD</u>	<u>VOC</u>	<u>PAH</u>	<u>PCB</u>	<u>DRY Weight</u>		
<u>12</u>		<u>B-48 0-2'</u>	<u>2-7</u>	<u>11:05</u>	<u>3</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>		
<u>13</u>		<u>B-48 10-12'</u>		<u>11:20</u>	<u>3</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>		
<u>14</u>		<u>B-50 0-2'</u>		<u>12:10</u>	<u>3</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>		
<u>15</u>		<u>B-50 6-8'</u>		<u>12:45</u>	<u>3</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>		
<u>16</u>		<u>B-50 15'</u>		<u>12:20</u>	<u>3</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>		
<u>17</u>		<u>B-49 0-2'</u>		<u>12:40</u>	<u>3</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>		
<u>18</u>		<u>B-49 6-8'</u>		<u>12:45</u>	<u>3</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>		
<u>19</u>		<u>B-45 0-2'</u>		<u>09:15</u>	<u>3</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>		
<u>20</u>		<u>B-45 8-10'</u>		<u>09:30</u>	<u>3</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>		

Turnaround Time Required (Business Days)
 ___ 1 Day ___ 2 Days ___ 5 Days ___ 7 Days X 10 Days ___ 15 Days ___ Other
 Requested Due Date _____
 Sample Disposal: Return to Client Disposal by Lab Archive for _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Relinquished By: <u>Mark Harty</u> Company: <u>Tetra Tech</u> Date: <u>2/12/13</u> Time: <u>12:00</u>	Received By: <u>Fed Ex</u> Company: _____ Date: _____ Time: _____	Lab Courier: _____ Shipped: <u>FX</u> Hand Delivered: _____
Relinquished By: _____ Company: _____ Date: _____ Time: _____	Received By: <u>JST</u> Company: <u>TA</u> Date: <u>2/13/13</u> Time: <u>1010</u>	
Relinquished By: _____ Company: _____ Date: _____ Time: _____	Received By: _____ Company: _____ Date: _____ Time: _____	

Matrix Key
 WW - Wastewater SE - Sediment
 W - Water SO - Soil
 S - Soil L - Leachate
 SL - Sludge WI - Wipe
 MS - Miscellaneous DW - Drinking Water
 OL - Oil O - Other
 A - Air

Client Comments:
PAH + PCB analyzed from same container

Lab Comments:

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

2417 Bond Street, University Park, IL 60484
 Phone: 708.534.5200 Fax: 708.534.5211

Report To (optional) Mike Noel
 Contact: Mike Noel
 Company: Tetra Tech
 Address: 175 N. CORPORATE DR
BROOKFIELD, WISCONSIN SUITE 100
 Address: BROOKFIELD, WISCONSIN SUITE 100
 Phone: (202) 792-1282
 Fax: (202) 792-1310
 E-Mail:

Bill To (optional)
 Contact:
 Company: Beazer
 Address:
 Address:
 Phone:
 Fax:
 PO#/Reference#

Chain of Custody Record

Lab Job #: 500-54526

Chain of Custody Number:

Page 3 of 4

Temperature °C of Cooler:

Client		Client Project #		Preservative		Parameter		Matrix		Preservative Key	
Project Name		Lab Project #		Sampler		Lab PM		Matrix			
Tetra Tech		117-2201289.02		9 8 8 8		VOC PAH PCB		Dry Weight		1. HCL, Cool to 4° 2. H2SO4, Cool to 4° 3. HNO3, Cool to 4° 4. NaOH, Cool to 4° 5. NaOH/Zn, Cool to 4° 6. NaHSO4 7. Cool to 4° 8. None 9. Other	
Beazer Oak Creek				Ashley A. Wamer							
Lab ID	MS/MSD	Sample ID	2013 Sampling		# of Containers	Matrix	Comments				
			Date	Time							
21		B-46 0-2	2-7	10:10	3	SD	✓	✓	✓	✓	
22		B-46 10-12	↓	10:25	3		✓	✓	✓	✓	
23		B-47 0-2	↓	10:40	3		✓	✓	✓	✓	
24		B-47 14-15	↓	10:55	3		✓	✓	✓	✓	
25		B-71 15'	2-8	10:15	3		✓	✓	✓	✓	
26		B-71 25'	↓	10:35	3		✓	✓	✓	✓	
27		B-80 15'	↓	12:35	3		✓	✓	✓	✓	
28		B-84 15'	2-11	8:55	3		✓	✓	✓	✓	
29		B-86 15'	↓	10:30	3		✓	✓	✓	✓	
30		B-87 15'	↓	11:30	3		✓	✓	✓	✓	

Turnaround Time Required (Business Days)

___ 1 Day ___ 2 Days ___ 5 Days ___ 7 Days 10 Days ___ 15 Days ___ Other

Requested Due Date

Sample Disposal

Return to Client Disposal by Lab Archive for ___ Months (A fee may be assessed if samples are retained longer than 1 month)

Relinquished By	Company	Date	Time	Received By	Company	Date	Time
<i>[Signature]</i>	Tetra Tech	2/12/13	12:00	Ex			
Relinquished By	Company	Date	Time	Received By	Company	Date	Time
				<i>[Signature]</i>	TA	2/13/13	10:10
Relinquished By	Company	Date	Time	Received By	Company	Date	Time

Lab Courier:
 Shipped: FX
 Hand Delivered:

Matrix Key
 WW - Wastewater SE - Sediment
 W - Water SO - Soil
 S - Soil L - Leachate
 SL - Sludge WL - Wipe
 MS - Miscellaneous DW - Drinking Water
 OL - Oil O - Other
 A - Air

Client Comments
PAH + PCB analyzed from same container

Lab Comments:

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

2417 Bond Street, University Park, IL 30484
 Phone: 708.534.5200 Fax: 708.534.5211

Report To (optional)
 Contact: Mike Noel
 Company: Tetra Tech
 Address: 75N. Corporate Dr Suite 100
Brookfield, WI 53015
 Address: Brookfield, WI 53015
 Phone: (202) 792-1282
 Fax: (202) 792-1310
 E-Mail:

Bill To (optional)
 Contact: _____
 Company: Reazer
 Address: _____
 Address: _____
 Phone: _____
 Fax: _____
 PO#/Reference#

Chain of Custody Record

Lab Job #: 500-54526

Chain of Custody Number: _____

Page 4 of 4

Temperature °C of Cooler: _____

Client		Client Project #		Preservative			Parameter			Preservative Key 1. HCL, Cool to 4° 2. H2SC4, Cool to 4° 3. HNO3, Cool to 4° 4. NaOH, Cool to 4° 5. NaOH/Zn, Cool to 4° 6. NaHSO4 7. Cool to 4° 8. None 9. Other
Project Name		Lab Project #		# of Containers	Matrix	VOC	PAH	Dry Weight		
Project Location/State		Lab PM								
Supplier										
Lab ID	MIS/MSD	Sample ID	2013 Sampling Date	Time					Comments	
31		B-87 30'	2-11	12:15	3 SD	✓	✓	✓		
32		B-81 15'	↓	12:40	3 ↓	✓	✓	✓		
33		B-76 15'	↓	13:05	3 ↓	✓	✓	✓		
34		B-69 15'	↓	14:10	3 ↓	✓	✓	✓		
35		TB-1	—	—	1 —	✓				

Turnaround Time Required (Business Days)

___ 1 Day ___ 2 Days ___ 5 Days ___ 7 Days 10 Days ___ 15 Days ___ Other

Sample Disposal

Return to Client Disposal by Lab Archive for ___ Months (A fee may be assessed if samples are retained longer than 1 month)

Relinquished By <u>Mark Marley</u>	Company <u>Tetra Tech</u>	Date <u>2/12/13</u>	Time <u>12:00</u>	Received By <u>Fed Ex</u>	Company <u>TA</u>	Date <u>2/13/13</u>	Time <u>10:10</u>
Relinquished By	Company	Date	Time	Received By	Company	Date	Time
Relinquished By	Company	Date	Time	Received By	Company	Date	Time

Lab Courier: _____
 Shipped: EX
 Hand Delivered: _____

Matrix Key

- WW - Wastewater
- W - Water
- S - Soil
- SL - Sludge
- MS - Miscellaneous
- OL - Oil
- A - Air
- SE - Sediment
- SO - Soil
- L - Leachate
- WI - Wipe
- DW - Drinking Water
- O - Other

Client Comments

Lab Comments:

Login Sample Receipt Checklist

Client: Tetra Tech GEO

Job Number: 500-54526-1

Login Number: 54526

List Source: TestAmerica Chicago

List Number: 1

Creator: Lunt, Jeff T

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	1.6,2.1,1.9
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	
There are no discrepancies between the containers received 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	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



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ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Chicago
2417 Bond Street
University Park, IL 60484
Tel: (708)534-5200

TestAmerica Job ID: 500-54673-1
Client Project/Site: Beazer Oak Creek - 117-2201289.02

For:
Tetra Tech GEO
175 N Corporate Drive
Suite 100
Brookfield, Wisconsin 53045

Attn: Michael Noel



Authorized for release by:
3/4/2013 4:08:46 PM

Sandie Fredrick
Project Manager I
sandie.fredrick@testamericainc.com

LINKS

Review your project
results through
TotalAccess

Have a Question?



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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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Case Narrative

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54673-1

Job ID: 500-54673-1

Laboratory: TestAmerica Chicago

Narrative

Job Narrative 500-54673-1

Comments

No additional comments.

Receipt

The samples were received on 2/19/2013 10:20 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 1.5° C.

GC/MS VOA

Method(s) 5035: Extract vials have < 8 grams of soil in 10 ml MeOH

Method(s) 8260B: The following sample(s) was diluted to bring the concentration of target analytes within the calibration range: B-53 12-14' (500-54673-5), B-99 15' (500-54673-2). Elevated reporting limits (RLs) are provided.

No other analytical or quality issues were noted.

GC/MS Semi VOA

Method(s) 8270D: One surrogate failed to meet control limits for the following samples B-53 0-2' (500-54673-4), yet had at least ten percent recovery. No further action was required.

Method(s) 8270D: Due to the level of dilution required for the following samples, surrogate recoveries are not reported: B-99 15' (500-54673-2).

Method(s) 8270D: The following samples were diluted due to the abundance of target and non-target analytes: B-100 15' (500-54673-12), B-52 0-2' (500-54673-6), B-53 0-2' (500-54673-4), B-99 15' (500-54673-2). Elevated reporting limits (RLs) are provided.

No other analytical or quality issues were noted.

GC Semi VOA

Method(s) 8082: The following samples were diluted to bring the concentration of target analytes within the calibration range: B-52 0-2' (500-54673-6), B-53 0-2' (500-54673-4). Elevated reporting limits (RLs) are provided.

No other 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: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54673-1

Client Sample ID: B-68 15'

Lab Sample ID: 500-54673-1

No Detections

Client Sample ID: B-99 15'

Lab Sample ID: 500-54673-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	9500		1600	160	ug/Kg	500	*	8260B	Total/NA
1,3,5-Trimethylbenzene	5900		1600	160	ug/Kg	500	*	8260B	Total/NA
Benzene	4700		190	58	ug/Kg	500	*	8260B	Total/NA
Ethylbenzene	5300		190	98	ug/Kg	500	*	8260B	Total/NA
Isopropylbenzene	580	J	1600	190	ug/Kg	500	*	8260B	Total/NA
N-Propylbenzene	430	J	1600	140	ug/Kg	500	*	8260B	Total/NA
Toluene	1600		190	89	ug/Kg	500	*	8260B	Total/NA
Xylenes, Total	26000		390	53	ug/Kg	500	*	8260B	Total/NA
Naphthalene - DL	380000		16000	3800	ug/Kg	5000	*	8260B	Total/NA
1-Methylnaphthalene	60000		1900	960	ug/Kg	50	*	8270D	Total/NA
2-Methylnaphthalene	120000		9700	2500	ug/Kg	50	*	8270D	Total/NA
Acenaphthene	34000		1900	580	ug/Kg	50	*	8270D	Total/NA
Acenaphthylene	4100		1900	440	ug/Kg	50	*	8270D	Total/NA
Anthracene	27000		1900	460	ug/Kg	50	*	8270D	Total/NA
Benzo[a]anthracene	18000		1900	410	ug/Kg	50	*	8270D	Total/NA
Benzo[a]pyrene	15000		1900	350	ug/Kg	50	*	8270D	Total/NA
Benzo[b]fluoranthene	18000		1900	380	ug/Kg	50	*	8270D	Total/NA
Benzo[g,h,i]perylene	8400		1900	650	ug/Kg	50	*	8270D	Total/NA
Benzo[k]fluoranthene	7100		1900	460	ug/Kg	50	*	8270D	Total/NA
Chrysene	21000		1900	440	ug/Kg	50	*	8270D	Total/NA
Dibenz(a,h)anthracene	2700		1900	540	ug/Kg	50	*	8270D	Total/NA
Fluoranthene	63000		1900	790	ug/Kg	50	*	8270D	Total/NA
Fluorene	40000		1900	440	ug/Kg	50	*	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	7100		1900	650	ug/Kg	50	*	8270D	Total/NA
Phenanthrene	110000		1900	810	ug/Kg	50	*	8270D	Total/NA
Pyrene	42000		1900	700	ug/Kg	50	*	8270D	Total/NA
Naphthalene - DL	230000		9600	1900	ug/Kg	250	*	8270D	Total/NA

Client Sample ID: B-99 20'

Lab Sample ID: 500-54673-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	23		17	5.1	ug/Kg	50	*	8260B	Total/NA
Xylenes, Total	35		34	4.7	ug/Kg	50	*	8260B	Total/NA
Anthracene	9.6	J	37	8.7	ug/Kg	1	*	8270D	Total/NA
Chrysene	14	J	37	8.3	ug/Kg	1	*	8270D	Total/NA
Fluoranthene	29	J	37	15	ug/Kg	1	*	8270D	Total/NA
Naphthalene	69		37	7.1	ug/Kg	1	*	8270D	Total/NA
Phenanthrene	26	J	37	15	ug/Kg	1	*	8270D	Total/NA
Pyrene	20	J	37	13	ug/Kg	1	*	8270D	Total/NA

Client Sample ID: B-53 0-2'

Lab Sample ID: 500-54673-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	28		21	6.3	ug/Kg	50	*	8260B	Total/NA
Xylenes, Total	33	J	43	5.8	ug/Kg	50	*	8260B	Total/NA
1-Methylnaphthalene	240	J	380	190	ug/Kg	10	*	8270D	Total/NA
Acenaphthene	310	J	380	120	ug/Kg	10	*	8270D	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Chicago

Detection Summary

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54673-1

Client Sample ID: B-53 0-2' (Continued)

Lab Sample ID: 500-54673-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthylene	2600		380	89	ug/Kg	10	☼	8270D	Total/NA
Anthracene	12000		380	91	ug/Kg	10	☼	8270D	Total/NA
Benzo[a]anthracene	12000		380	81	ug/Kg	10	☼	8270D	Total/NA
Benzo[a]pyrene	14000		380	70	ug/Kg	10	☼	8270D	Total/NA
Benzo[b]fluoranthene	16000		380	75	ug/Kg	10	☼	8270D	Total/NA
Benzo[g,h,i]perylene	10000		380	130	ug/Kg	10	☼	8270D	Total/NA
Benzo[k]fluoranthene	6900		380	92	ug/Kg	10	☼	8270D	Total/NA
Chrysene	14000		380	87	ug/Kg	10	☼	8270D	Total/NA
Dibenz(a,h)anthracene	2800		380	110	ug/Kg	10	☼	8270D	Total/NA
Fluoranthene	17000		380	160	ug/Kg	10	☼	8270D	Total/NA
Fluorene	1500		380	88	ug/Kg	10	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	8500		380	130	ug/Kg	10	☼	8270D	Total/NA
Naphthalene	720		380	74	ug/Kg	10	☼	8270D	Total/NA
Phenanthrene	6900		380	160	ug/Kg	10	☼	8270D	Total/NA
Pyrene	16000		380	140	ug/Kg	10	☼	8270D	Total/NA
PCB-1242	730		98	32	ug/Kg	5	☼	8082	Total/NA

Client Sample ID: B-53 12-14'

Lab Sample ID: 500-54673-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	1800		310	32	ug/Kg	100	☼	8260B	Total/NA
1,3,5-Trimethylbenzene	1100		310	31	ug/Kg	100	☼	8260B	Total/NA
Benzene	270		38	11	ug/Kg	100	☼	8260B	Total/NA
Ethylbenzene	1300		38	19	ug/Kg	100	☼	8260B	Total/NA
Isopropylbenzene	93	J	310	38	ug/Kg	100	☼	8260B	Total/NA
Toluene	200		38	18	ug/Kg	100	☼	8260B	Total/NA
Xylenes, Total	3800		76	10	ug/Kg	100	☼	8260B	Total/NA
Naphthalene - DL	100000		3100	750	ug/Kg	1000	☼	8260B	Total/NA
Acenaphthylene	520		36	8.4	ug/Kg	1	☼	8270D	Total/NA
Anthracene	890		36	8.6	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene	660		36	7.6	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	450		36	6.6	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	520		36	7.1	ug/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	270		36	12	ug/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	220		36	8.7	ug/Kg	1	☼	8270D	Total/NA
Chrysene	510		36	8.2	ug/Kg	1	☼	8270D	Total/NA
Dibenz(a,h)anthracene	74		36	10	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	2900		36	15	ug/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	230		36	12	ug/Kg	1	☼	8270D	Total/NA
Pyrene	1900		36	13	ug/Kg	1	☼	8270D	Total/NA
1-Methylnaphthalene - DL	5600		720	360	ug/Kg	20	☼	8270D	Total/NA
2-Methylnaphthalene - DL	4200		3700	950	ug/Kg	20	☼	8270D	Total/NA
Acenaphthene - DL	6900		720	220	ug/Kg	20	☼	8270D	Total/NA
Fluorene - DL	5600		720	170	ug/Kg	20	☼	8270D	Total/NA
Naphthalene - DL	27000		720	140	ug/Kg	20	☼	8270D	Total/NA
Phenanthrene - DL	9000		720	310	ug/Kg	20	☼	8270D	Total/NA

Client Sample ID: B-52 0-2'

Lab Sample ID: 500-54673-6

This Detection Summary does not include radiochemical test results.

TestAmerica Chicago

Detection Summary

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54673-1

Client Sample ID: B-52 0-2' (Continued)

Lab Sample ID: 500-54673-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1-Methylnaphthalene	210		190	96	ug/Kg	5	☼	8270D	Total/NA
Acenaphthene	190		190	58	ug/Kg	5	☼	8270D	Total/NA
Acenaphthylene	190		190	44	ug/Kg	5	☼	8270D	Total/NA
Anthracene	570		190	45	ug/Kg	5	☼	8270D	Total/NA
Benzo[a]anthracene	2400		190	40	ug/Kg	5	☼	8270D	Total/NA
Benzo[a]pyrene	3300		190	35	ug/Kg	5	☼	8270D	Total/NA
Benzo[b]fluoranthene	4100		190	37	ug/Kg	5	☼	8270D	Total/NA
Benzo[g,h,i]perylene	2600		190	65	ug/Kg	5	☼	8270D	Total/NA
Benzo[k]fluoranthene	1500		190	46	ug/Kg	5	☼	8270D	Total/NA
Chrysene	3100		190	44	ug/Kg	5	☼	8270D	Total/NA
Dibenz(a,h)anthracene	670		190	54	ug/Kg	5	☼	8270D	Total/NA
Fluoranthene	4000		190	79	ug/Kg	5	☼	8270D	Total/NA
Fluorene	320		190	44	ug/Kg	5	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	2100		190	65	ug/Kg	5	☼	8270D	Total/NA
Naphthalene	1100		190	37	ug/Kg	5	☼	8270D	Total/NA
Phenanthrene	1900		190	81	ug/Kg	5	☼	8270D	Total/NA
Pyrene	3400		190	70	ug/Kg	5	☼	8270D	Total/NA
PCB-1254	430		38	8.1	ug/Kg	2	☼	8082	Total/NA

Client Sample ID: B-52 10-12'

Lab Sample ID: 500-54673-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	41		39	8.2	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	60		39	7.1	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	85		39	7.6	ug/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	46		39	13	ug/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	35	J	39	9.3	ug/Kg	1	☼	8270D	Total/NA
Chrysene	55		39	8.8	ug/Kg	1	☼	8270D	Total/NA
Dibenz(a,h)anthracene	12	J	39	11	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	51		39	16	ug/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	41		39	13	ug/Kg	1	☼	8270D	Total/NA
Pyrene	54		39	14	ug/Kg	1	☼	8270D	Total/NA

Client Sample ID: B-52 15'

Lab Sample ID: 500-54673-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chrysene	13	J	39	8.9	ug/Kg	1	☼	8270D	Total/NA

Client Sample ID: B-54 0-2'

Lab Sample ID: 500-54673-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	51		36	7.6	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	69		36	6.6	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	89		36	7.1	ug/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	47		36	12	ug/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	34	J	36	8.7	ug/Kg	1	☼	8270D	Total/NA
Chrysene	65		36	8.2	ug/Kg	1	☼	8270D	Total/NA
Dibenz(a,h)anthracene	15	J	36	10	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	79		36	15	ug/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	43		36	12	ug/Kg	1	☼	8270D	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Chicago

Detection Summary

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54673-1

Client Sample ID: B-54 0-2' (Continued)

Lab Sample ID: 500-54673-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Phenanthrene	16	J	36	15	ug/Kg	1	☼	8270D	Total/NA
Pyrene	70		36	13	ug/Kg	1	☼	8270D	Total/NA
PCB-1254	12	J	19	4.0	ug/Kg	1	☼	8082	Total/NA

Client Sample ID: B-54 10-12'

Lab Sample ID: 500-54673-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chrysene	8.7	J	37	8.5	ug/Kg	1	☼	8270D	Total/NA

Client Sample ID: B-54 15'

Lab Sample ID: 500-54673-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1-Methylnaphthalene	18	J	37	18	ug/Kg	1	☼	8270D	Total/NA

Client Sample ID: B-100 15'

Lab Sample ID: 500-54673-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	2600		150	16	ug/Kg	50	☼	8260B	Total/NA
1,3,5-Trimethylbenzene	1200		150	16	ug/Kg	50	☼	8260B	Total/NA
2-Chlorotoluene	130		77	16	ug/Kg	50	☼	8260B	Total/NA
Ethylbenzene	440		19	9.7	ug/Kg	50	☼	8260B	Total/NA
Isopropylbenzene	290		150	19	ug/Kg	50	☼	8260B	Total/NA
N-Propylbenzene	170		150	14	ug/Kg	50	☼	8260B	Total/NA
p-Isopropyltoluene	120	J	150	14	ug/Kg	50	☼	8260B	Total/NA
sec-Butylbenzene	39	J	77	12	ug/Kg	50	☼	8260B	Total/NA
Xylenes, Total	630		39	5.3	ug/Kg	50	☼	8260B	Total/NA
Naphthalene - DL	62000		1500	380	ug/Kg	500	☼	8260B	Total/NA
1-Methylnaphthalene	3600		170	86	ug/Kg	5	☼	8270D	Total/NA
2-Methylnaphthalene	5000		870	220	ug/Kg	5	☼	8270D	Total/NA
Acenaphthene	4300		170	52	ug/Kg	5	☼	8270D	Total/NA
Acenaphthylene	150	J	170	40	ug/Kg	5	☼	8270D	Total/NA
Anthracene	2500		170	41	ug/Kg	5	☼	8270D	Total/NA
Benzo[a]anthracene	2100		170	36	ug/Kg	5	☼	8270D	Total/NA
Benzo[a]pyrene	1600		170	31	ug/Kg	5	☼	8270D	Total/NA
Benzo[b]fluoranthene	2000		170	33	ug/Kg	5	☼	8270D	Total/NA
Benzo[g,h,i]perylene	890		170	58	ug/Kg	5	☼	8270D	Total/NA
Benzo[k]fluoranthene	880		170	41	ug/Kg	5	☼	8270D	Total/NA
Chrysene	1800		170	39	ug/Kg	5	☼	8270D	Total/NA
Dibenz(a,h)anthracene	280		170	48	ug/Kg	5	☼	8270D	Total/NA
Fluoranthene	7200		170	71	ug/Kg	5	☼	8270D	Total/NA
Fluorene	4600		170	39	ug/Kg	5	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	750		170	58	ug/Kg	5	☼	8270D	Total/NA
Naphthalene	6100		170	33	ug/Kg	5	☼	8270D	Total/NA
Phenanthrene	12000		170	72	ug/Kg	5	☼	8270D	Total/NA
Pyrene	5400		170	62	ug/Kg	5	☼	8270D	Total/NA

Client Sample ID: B-100 20'

Lab Sample ID: 500-54673-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	12	J	35	10	ug/Kg	1	☼	8270D	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Chicago

Detection Summary

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54673-1

Client Sample ID: B-100 20' (Continued)

Lab Sample ID: 500-54673-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Anthracene	53		35	8.2	ug/Kg	1		☼	8270D	Total/NA
Benzo[a]anthracene	35		35	7.3	ug/Kg	1		☼	8270D	Total/NA
Benzo[a]pyrene	31	J	35	6.3	ug/Kg	1		☼	8270D	Total/NA
Benzo[b]fluoranthene	41		35	6.8	ug/Kg	1		☼	8270D	Total/NA
Benzo[g,h,i]perylene	15	J	35	12	ug/Kg	1		☼	8270D	Total/NA
Benzo[k]fluoranthene	15	J	35	8.3	ug/Kg	1		☼	8270D	Total/NA
Chrysene	46		35	7.9	ug/Kg	1		☼	8270D	Total/NA
Fluoranthene	100		35	14	ug/Kg	1		☼	8270D	Total/NA
Fluorene	24	J	35	7.9	ug/Kg	1		☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	18	J	35	12	ug/Kg	1		☼	8270D	Total/NA
Naphthalene	22	J	35	6.7	ug/Kg	1		☼	8270D	Total/NA
Phenanthrene	63		35	15	ug/Kg	1		☼	8270D	Total/NA
Pyrene	89		35	13	ug/Kg	1		☼	8270D	Total/NA

Client Sample ID: TB-2

Lab Sample ID: 500-54673-14

No Detections

This Detection Summary does not include radiochemical test results.

TestAmerica Chicago

Method Summary

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54673-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL CHI
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL CHI
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL CHI
Moisture	Percent Moisture	EPA	TAL CHI

Protocol References:

EPA = US Environmental Protection Agency

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

Laboratory References:

TAL CHI = TestAmerica Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200



Sample Summary

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54673-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-54673-1	B-68 15'	Solid	02/13/13 09:05	02/19/13 10:20
500-54673-2	B-99 15'	Solid	02/13/13 12:15	02/19/13 10:20
500-54673-3	B-99 20'	Solid	02/13/13 12:35	02/19/13 10:20
500-54673-4	B-53 0-2'	Solid	02/13/13 13:40	02/19/13 10:20
500-54673-5	B-53 12-14'	Solid	02/13/13 13:50	02/19/13 10:20
500-54673-6	B-52 0-2'	Solid	02/13/13 14:05	02/19/13 10:20
500-54673-7	B-52 10-12'	Solid	02/13/13 14:10	02/19/13 10:20
500-54673-8	B-52 15'	Solid	02/13/13 14:15	02/19/13 10:20
500-54673-9	B-54 0-2'	Solid	02/13/13 14:35	02/19/13 10:20
500-54673-10	B-54 10-12'	Solid	02/13/13 14:40	02/19/13 10:20
500-54673-11	B-54 15'	Solid	02/13/13 14:45	02/19/13 10:20
500-54673-12	B-100 15'	Solid	02/13/13 16:10	02/19/13 10:20
500-54673-13	B-100 20'	Solid	02/13/13 16:15	02/19/13 10:20
500-54673-14	TB-2	Solid	02/13/13 00:00	02/19/13 10:20

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54673-1

Client Sample ID: B-68 15'

Lab Sample ID: 500-54673-1

Date Collected: 02/13/13 09:05

Matrix: Solid

Date Received: 02/19/13 10:20

Percent Solids: 81.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<30		170	30	ug/Kg	*	02/13/13 09:05	02/22/13 01:19	50
1,1,1-Trichloroethane	<17		87	17	ug/Kg	*	02/13/13 09:05	02/22/13 01:19	50
1,1,2,2-Tetrachloroethane	<20		87	20	ug/Kg	*	02/13/13 09:05	02/22/13 01:19	50
1,1,2-Trichloroethane	<24		87	24	ug/Kg	*	02/13/13 09:05	02/22/13 01:19	50
1,1-Dichloroethane	<16		87	16	ug/Kg	*	02/13/13 09:05	02/22/13 01:19	50
1,1-Dichloroethene	<27		87	27	ug/Kg	*	02/13/13 09:05	02/22/13 01:19	50
1,1-Dichloropropene	<30		87	30	ug/Kg	*	02/13/13 09:05	02/22/13 01:19	50
1,2,3-Trichlorobenzene	<30		170	30	ug/Kg	*	02/13/13 09:05	02/22/13 01:19	50
1,2,3-Trichloropropane	<50		170	50	ug/Kg	*	02/13/13 09:05	02/22/13 01:19	50
1,2,4-Trichlorobenzene	<33		170	33	ug/Kg	*	02/13/13 09:05	02/22/13 01:19	50
1,2,4-Trimethylbenzene	<18		170	18	ug/Kg	*	02/13/13 09:05	02/22/13 01:19	50
1,2-Dibromo-3-Chloropropane	<75		170	75	ug/Kg	*	02/13/13 09:05	02/22/13 01:19	50
1,2-Dibromoethane	<27		170	27	ug/Kg	*	02/13/13 09:05	02/22/13 01:19	50
1,2-Dichlorobenzene	<18		170	18	ug/Kg	*	02/13/13 09:05	02/22/13 01:19	50
1,2-Dichloroethane	<25		87	25	ug/Kg	*	02/13/13 09:05	02/22/13 01:19	50
1,2-Dichloropropane	<17		87	17	ug/Kg	*	02/13/13 09:05	02/22/13 01:19	50
1,3,5-Trimethylbenzene	<18		170	18	ug/Kg	*	02/13/13 09:05	02/22/13 01:19	50
1,3-Dichlorobenzene	<22		170	22	ug/Kg	*	02/13/13 09:05	02/22/13 01:19	50
1,3-Dichloropropane	<12		87	12	ug/Kg	*	02/13/13 09:05	02/22/13 01:19	50
1,4-Dichlorobenzene	<15		170	15	ug/Kg	*	02/13/13 09:05	02/22/13 01:19	50
2,2-Dichloropropane	<27		87	27	ug/Kg	*	02/13/13 09:05	02/22/13 01:19	50
2-Chlorotoluene	<18		87	18	ug/Kg	*	02/13/13 09:05	02/22/13 01:19	50
4-Chlorotoluene	<17		87	17	ug/Kg	*	02/13/13 09:05	02/22/13 01:19	50
Benzene	<6.4		22	6.4	ug/Kg	*	02/13/13 09:05	02/22/13 01:19	50
Bromobenzene	<37		170	37	ug/Kg	*	02/13/13 09:05	02/22/13 01:19	50
Bromochloromethane	<33		170	33	ug/Kg	*	02/13/13 09:05	02/22/13 01:19	50
Bromodichloromethane	<29		170	29	ug/Kg	*	02/13/13 09:05	02/22/13 01:19	50
Bromoform	<38		170	38	ug/Kg	*	02/13/13 09:05	02/22/13 01:19	50
Bromomethane	<59		170	59	ug/Kg	*	02/13/13 09:05	02/22/13 01:19	50
Carbon tetrachloride	<22		87	22	ug/Kg	*	02/13/13 09:05	02/22/13 01:19	50
Chlorobenzene	<12		87	12	ug/Kg	*	02/13/13 09:05	02/22/13 01:19	50
Chloroethane	<38		170	38	ug/Kg	*	02/13/13 09:05	02/22/13 01:19	50
Chloroform	<18		87	18	ug/Kg	*	02/13/13 09:05	02/22/13 01:19	50
Chloromethane	<40		170	40	ug/Kg	*	02/13/13 09:05	02/22/13 01:19	50
cis-1,2-Dichloroethene	<11		87	11	ug/Kg	*	02/13/13 09:05	02/22/13 01:19	50
cis-1,3-Dichloropropene	<15		87	15	ug/Kg	*	02/13/13 09:05	02/22/13 01:19	50
Dibromochloromethane	<30		170	30	ug/Kg	*	02/13/13 09:05	02/22/13 01:19	50
Dibromomethane	<42		170	42	ug/Kg	*	02/13/13 09:05	02/22/13 01:19	50
Dichlorodifluoromethane	<44		170	44	ug/Kg	*	02/13/13 09:05	02/22/13 01:19	50
Ethylbenzene	<11		22	11	ug/Kg	*	02/13/13 09:05	02/22/13 01:19	50
Hexachlorobutadiene	<30		170	30	ug/Kg	*	02/13/13 09:05	02/22/13 01:19	50
Isopropyl ether	<13		170	13	ug/Kg	*	02/13/13 09:05	02/22/13 01:19	50
Isopropylbenzene	<22		170	22	ug/Kg	*	02/13/13 09:05	02/22/13 01:19	50
Methyl tert-butyl ether	<37		170	37	ug/Kg	*	02/13/13 09:05	02/22/13 01:19	50
Methylene Chloride	<59		430	59	ug/Kg	*	02/13/13 09:05	02/22/13 01:19	50
Naphthalene	<43		170	43	ug/Kg	*	02/13/13 09:05	02/22/13 01:19	50
n-Butylbenzene	<11		87	11	ug/Kg	*	02/13/13 09:05	02/22/13 01:19	50
N-Propylbenzene	<15		170	15	ug/Kg	*	02/13/13 09:05	02/22/13 01:19	50
p-Isopropyltoluene	<16		170	16	ug/Kg	*	02/13/13 09:05	02/22/13 01:19	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54673-1

Client Sample ID: B-68 15'

Lab Sample ID: 500-54673-1

Date Collected: 02/13/13 09:05

Matrix: Solid

Date Received: 02/19/13 10:20

Percent Solids: 81.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<13		87	13	ug/Kg	☼	02/13/13 09:05	02/22/13 01:19	50
Styrene	<8.5		87	8.5	ug/Kg	☼	02/13/13 09:05	02/22/13 01:19	50
tert-Butylbenzene	<12		87	12	ug/Kg	☼	02/13/13 09:05	02/22/13 01:19	50
Tetrachloroethene	<14		87	14	ug/Kg	☼	02/13/13 09:05	02/22/13 01:19	50
Toluene	<10		22	10	ug/Kg	☼	02/13/13 09:05	02/22/13 01:19	50
trans-1,2-Dichloroethene	<22		87	22	ug/Kg	☼	02/13/13 09:05	02/22/13 01:19	50
trans-1,3-Dichloropropene	<18		87	18	ug/Kg	☼	02/13/13 09:05	02/22/13 01:19	50
Trichloroethene	<16		43	16	ug/Kg	☼	02/13/13 09:05	02/22/13 01:19	50
Trichlorofluoromethane	<36		170	36	ug/Kg	☼	02/13/13 09:05	02/22/13 01:19	50
Vinyl chloride	<9.0		22	9.0	ug/Kg	☼	02/13/13 09:05	02/22/13 01:19	50
Xylenes, Total	<5.9		43	5.9	ug/Kg	☼	02/13/13 09:05	02/22/13 01:19	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		75 - 125	02/13/13 09:05	02/22/13 01:19	50
4-Bromofluorobenzene (Surr)	104		75 - 120	02/13/13 09:05	02/22/13 01:19	50
Dibromofluoromethane	102		75 - 120	02/13/13 09:05	02/22/13 01:19	50
Toluene-d8 (Surr)	108		75 - 120	02/13/13 09:05	02/22/13 01:19	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<20		40	20	ug/Kg	☼	02/19/13 17:14	02/28/13 12:13	1
2-Methylnaphthalene	<52		200	52	ug/Kg	☼	02/19/13 17:14	02/28/13 12:13	1
Acenaphthene	<12		40	12	ug/Kg	☼	02/19/13 17:14	02/28/13 12:13	1
Acenaphthylene	<9.2		40	9.2	ug/Kg	☼	02/19/13 17:14	02/28/13 12:13	1
Anthracene	<9.4		40	9.4	ug/Kg	☼	02/19/13 17:14	02/28/13 12:13	1
Benzo[a]anthracene	<8.4		40	8.4	ug/Kg	☼	02/19/13 17:14	02/28/13 12:13	1
Benzo[a]pyrene	<7.3		40	7.3	ug/Kg	☼	02/19/13 17:14	02/28/13 12:13	1
Benzo[b]fluoranthene	<7.7		40	7.7	ug/Kg	☼	02/19/13 17:14	02/28/13 12:13	1
Benzo[g,h,i]perylene	<13		40	13	ug/Kg	☼	02/19/13 17:14	02/28/13 12:13	1
Benzo[k]fluoranthene	<9.5		40	9.5	ug/Kg	☼	02/19/13 17:14	02/28/13 12:13	1
Chrysene	<9.0		40	9.0	ug/Kg	☼	02/19/13 17:14	02/28/13 12:13	1
Dibenz(a,h)anthracene	<11		40	11	ug/Kg	☼	02/19/13 17:14	02/28/13 12:13	1
Fluoranthene	<16		40	16	ug/Kg	☼	02/19/13 17:14	02/28/13 12:13	1
Fluorene	<9.1		40	9.1	ug/Kg	☼	02/19/13 17:14	02/28/13 12:13	1
Indeno[1,2,3-cd]pyrene	<13		40	13	ug/Kg	☼	02/19/13 17:14	02/28/13 12:13	1
Naphthalene	<7.7		40	7.7	ug/Kg	☼	02/19/13 17:14	02/28/13 12:13	1
Phenanthrene	<17		40	17	ug/Kg	☼	02/19/13 17:14	02/28/13 12:13	1
Pyrene	<14		40	14	ug/Kg	☼	02/19/13 17:14	02/28/13 12:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	49		30 - 119	02/19/13 17:14	02/28/13 12:13	1
Nitrobenzene-d5 (Surr)	41		30 - 115	02/19/13 17:14	02/28/13 12:13	1
Terphenyl-d14 (Surr)	64		36 - 134	02/19/13 17:14	02/28/13 12:13	1

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54673-1

Client Sample ID: B-99 15'

Lab Sample ID: 500-54673-2

Date Collected: 02/13/13 12:15

Matrix: Solid

Date Received: 02/19/13 10:20

Percent Solids: 84.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<270		1600	270	ug/Kg	☼	02/13/13 12:15	02/22/13 01:45	500
1,1,1-Trichloroethane	<160		780	160	ug/Kg	☼	02/13/13 12:15	02/22/13 01:45	500
1,1,2,2-Tetrachloroethane	<180		780	180	ug/Kg	☼	02/13/13 12:15	02/22/13 01:45	500
1,1,2-Trichloroethane	<220		780	220	ug/Kg	☼	02/13/13 12:15	02/22/13 01:45	500
1,1-Dichloroethane	<140		780	140	ug/Kg	☼	02/13/13 12:15	02/22/13 01:45	500
1,1-Dichloroethene	<240		780	240	ug/Kg	☼	02/13/13 12:15	02/22/13 01:45	500
1,1-Dichloropropene	<270		780	270	ug/Kg	☼	02/13/13 12:15	02/22/13 01:45	500
1,2,3-Trichlorobenzene	<270		1600	270	ug/Kg	☼	02/13/13 12:15	02/22/13 01:45	500
1,2,3-Trichloropropane	<450		1600	450	ug/Kg	☼	02/13/13 12:15	02/22/13 01:45	500
1,2,4-Trichlorobenzene	<290		1600	290	ug/Kg	☼	02/13/13 12:15	02/22/13 01:45	500
1,2,4-Trimethylbenzene	9500		1600	160	ug/Kg	☼	02/13/13 12:15	02/22/13 01:45	500
1,2-Dibromo-3-Chloropropane	<680		1600	680	ug/Kg	☼	02/13/13 12:15	02/22/13 01:45	500
1,2-Dibromoethane	<240		1600	240	ug/Kg	☼	02/13/13 12:15	02/22/13 01:45	500
1,2-Dichlorobenzene	<160		1600	160	ug/Kg	☼	02/13/13 12:15	02/22/13 01:45	500
1,2-Dichloroethane	<220		780	220	ug/Kg	☼	02/13/13 12:15	02/22/13 01:45	500
1,2-Dichloropropane	<150		780	150	ug/Kg	☼	02/13/13 12:15	02/22/13 01:45	500
1,3,5-Trimethylbenzene	5900		1600	160	ug/Kg	☼	02/13/13 12:15	02/22/13 01:45	500
1,3-Dichlorobenzene	<200		1600	200	ug/Kg	☼	02/13/13 12:15	02/22/13 01:45	500
1,3-Dichloropropane	<100		780	100	ug/Kg	☼	02/13/13 12:15	02/22/13 01:45	500
1,4-Dichlorobenzene	<140		1600	140	ug/Kg	☼	02/13/13 12:15	02/22/13 01:45	500
2,2-Dichloropropane	<250		780	250	ug/Kg	☼	02/13/13 12:15	02/22/13 01:45	500
2-Chlorotoluene	<160		780	160	ug/Kg	☼	02/13/13 12:15	02/22/13 01:45	500
4-Chlorotoluene	<150		780	150	ug/Kg	☼	02/13/13 12:15	02/22/13 01:45	500
Benzene	4700		190	58	ug/Kg	☼	02/13/13 12:15	02/22/13 01:45	500
Bromobenzene	<330		1600	330	ug/Kg	☼	02/13/13 12:15	02/22/13 01:45	500
Bromochloromethane	<290		1600	290	ug/Kg	☼	02/13/13 12:15	02/22/13 01:45	500
Bromodichloromethane	<260		1600	260	ug/Kg	☼	02/13/13 12:15	02/22/13 01:45	500
Bromoform	<340		1600	340	ug/Kg	☼	02/13/13 12:15	02/22/13 01:45	500
Bromomethane	<530		1600	530	ug/Kg	☼	02/13/13 12:15	02/22/13 01:45	500
Carbon tetrachloride	<200		780	200	ug/Kg	☼	02/13/13 12:15	02/22/13 01:45	500
Chlorobenzene	<110		780	110	ug/Kg	☼	02/13/13 12:15	02/22/13 01:45	500
Chloroethane	<340		1600	340	ug/Kg	☼	02/13/13 12:15	02/22/13 01:45	500
Chloroform	<160		780	160	ug/Kg	☼	02/13/13 12:15	02/22/13 01:45	500
Chloromethane	<360		1600	360	ug/Kg	☼	02/13/13 12:15	02/22/13 01:45	500
cis-1,2-Dichloroethene	<95		780	95	ug/Kg	☼	02/13/13 12:15	02/22/13 01:45	500
cis-1,3-Dichloropropene	<140		780	140	ug/Kg	☼	02/13/13 12:15	02/22/13 01:45	500
Dibromochloromethane	<270		1600	270	ug/Kg	☼	02/13/13 12:15	02/22/13 01:45	500
Dibromomethane	<370		1600	370	ug/Kg	☼	02/13/13 12:15	02/22/13 01:45	500
Dichlorodifluoromethane	<400		1600	400	ug/Kg	☼	02/13/13 12:15	02/22/13 01:45	500
Ethylbenzene	5300		190	98	ug/Kg	☼	02/13/13 12:15	02/22/13 01:45	500
Hexachlorobutadiene	<270		1600	270	ug/Kg	☼	02/13/13 12:15	02/22/13 01:45	500
Isopropyl ether	<110		1600	110	ug/Kg	☼	02/13/13 12:15	02/22/13 01:45	500
Isopropylbenzene	580 J		1600	190	ug/Kg	☼	02/13/13 12:15	02/22/13 01:45	500
Methyl tert-butyl ether	<330		1600	330	ug/Kg	☼	02/13/13 12:15	02/22/13 01:45	500
Methylene Chloride	<530		3900	530	ug/Kg	☼	02/13/13 12:15	02/22/13 01:45	500
n-Butylbenzene	<100		780	100	ug/Kg	☼	02/13/13 12:15	02/22/13 01:45	500
N-Propylbenzene	430 J		1600	140	ug/Kg	☼	02/13/13 12:15	02/22/13 01:45	500
p-Isopropyltoluene	<140		1600	140	ug/Kg	☼	02/13/13 12:15	02/22/13 01:45	500
sec-Butylbenzene	<120		780	120	ug/Kg	☼	02/13/13 12:15	02/22/13 01:45	500

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54673-1

Client Sample ID: B-99 15'

Lab Sample ID: 500-54673-2

Date Collected: 02/13/13 12:15

Matrix: Solid

Date Received: 02/19/13 10:20

Percent Solids: 84.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	<77		780	77	ug/Kg	☼	02/13/13 12:15	02/22/13 01:45	500
tert-Butylbenzene	<110		780	110	ug/Kg	☼	02/13/13 12:15	02/22/13 01:45	500
Tetrachloroethene	<130		780	130	ug/Kg	☼	02/13/13 12:15	02/22/13 01:45	500
Toluene	1600		190	89	ug/Kg	☼	02/13/13 12:15	02/22/13 01:45	500
trans-1,2-Dichloroethene	<190		780	190	ug/Kg	☼	02/13/13 12:15	02/22/13 01:45	500
trans-1,3-Dichloropropene	<160		780	160	ug/Kg	☼	02/13/13 12:15	02/22/13 01:45	500
Trichloroethene	<140		390	140	ug/Kg	☼	02/13/13 12:15	02/22/13 01:45	500
Trichlorofluoromethane	<320		1600	320	ug/Kg	☼	02/13/13 12:15	02/22/13 01:45	500
Vinyl chloride	<81		190	81	ug/Kg	☼	02/13/13 12:15	02/22/13 01:45	500
Xylenes, Total	26000		390	53	ug/Kg	☼	02/13/13 12:15	02/22/13 01:45	500
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		75 - 125				02/13/13 12:15	02/22/13 01:45	500
4-Bromofluorobenzene (Surr)	100		75 - 120				02/13/13 12:15	02/22/13 01:45	500
Dibromofluoromethane	97		75 - 120				02/13/13 12:15	02/22/13 01:45	500
Toluene-d8 (Surr)	102		75 - 120				02/13/13 12:15	02/22/13 01:45	500

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	380000		16000	3800	ug/Kg	☼	02/13/13 12:15	02/22/13 02:12	5000
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		75 - 125				02/13/13 12:15	02/22/13 02:12	5000
4-Bromofluorobenzene (Surr)	96		75 - 120				02/13/13 12:15	02/22/13 02:12	5000
Dibromofluoromethane	100		75 - 120				02/13/13 12:15	02/22/13 02:12	5000
Toluene-d8 (Surr)	102		75 - 120				02/13/13 12:15	02/22/13 02:12	5000

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	60000		1900	960	ug/Kg	☼	02/19/13 17:14	02/28/13 12:34	50
2-Methylnaphthalene	120000		9700	2500	ug/Kg	☼	02/19/13 17:14	02/28/13 12:34	50
Acenaphthene	34000		1900	580	ug/Kg	☼	02/19/13 17:14	02/28/13 12:34	50
Acenaphthylene	4100		1900	440	ug/Kg	☼	02/19/13 17:14	02/28/13 12:34	50
Anthracene	27000		1900	460	ug/Kg	☼	02/19/13 17:14	02/28/13 12:34	50
Benzo[a]anthracene	18000		1900	410	ug/Kg	☼	02/19/13 17:14	02/28/13 12:34	50
Benzo[a]pyrene	15000		1900	350	ug/Kg	☼	02/19/13 17:14	02/28/13 12:34	50
Benzo[b]fluoranthene	18000		1900	380	ug/Kg	☼	02/19/13 17:14	02/28/13 12:34	50
Benzo[g,h,i]perylene	8400		1900	650	ug/Kg	☼	02/19/13 17:14	02/28/13 12:34	50
Benzo[k]fluoranthene	7100		1900	460	ug/Kg	☼	02/19/13 17:14	02/28/13 12:34	50
Chrysene	21000		1900	440	ug/Kg	☼	02/19/13 17:14	02/28/13 12:34	50
Dibenz(a,h)anthracene	2700		1900	540	ug/Kg	☼	02/19/13 17:14	02/28/13 12:34	50
Fluoranthene	63000		1900	790	ug/Kg	☼	02/19/13 17:14	02/28/13 12:34	50
Fluorene	40000		1900	440	ug/Kg	☼	02/19/13 17:14	02/28/13 12:34	50
Indeno[1,2,3-cd]pyrene	7100		1900	650	ug/Kg	☼	02/19/13 17:14	02/28/13 12:34	50
Phenanthrene	110000		1900	810	ug/Kg	☼	02/19/13 17:14	02/28/13 12:34	50
Pyrene	42000		1900	700	ug/Kg	☼	02/19/13 17:14	02/28/13 12:34	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	0	D	30 - 119				02/19/13 17:14	02/28/13 12:34	50
Nitrobenzene-d5 (Surr)	0	D	30 - 115				02/19/13 17:14	02/28/13 12:34	50
Terphenyl-d14 (Surr)	0	D	36 - 134				02/19/13 17:14	02/28/13 12:34	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54673-1

Client Sample ID: B-99 15'

Lab Sample ID: 500-54673-2

Date Collected: 02/13/13 12:15

Matrix: Solid

Date Received: 02/19/13 10:20

Percent Solids: 84.1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	230000		9600	1900	ug/Kg	☼	02/19/13 17:14	03/01/13 15:45	250

Client Sample ID: B-99 20'

Lab Sample ID: 500-54673-3

Date Collected: 02/13/13 12:35

Matrix: Solid

Date Received: 02/19/13 10:20

Percent Solids: 89.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<24		140	24	ug/Kg	☼	02/13/13 12:35	02/22/13 13:54	50
1,1,1-Trichloroethane	<14		68	14	ug/Kg	☼	02/13/13 12:35	02/22/13 13:54	50
1,1,2,2-Tetrachloroethane	<16		68	16	ug/Kg	☼	02/13/13 12:35	02/22/13 13:54	50
1,1,2-Trichloroethane	<19		68	19	ug/Kg	☼	02/13/13 12:35	02/22/13 13:54	50
1,1-Dichloroethane	<13		68	13	ug/Kg	☼	02/13/13 12:35	02/22/13 13:54	50
1,1-Dichloroethene	<21		68	21	ug/Kg	☼	02/13/13 12:35	02/22/13 13:54	50
1,1-Dichloropropene	<24		68	24	ug/Kg	☼	02/13/13 12:35	02/22/13 13:54	50
1,2,3-Trichlorobenzene	<24		140	24	ug/Kg	☼	02/13/13 12:35	02/22/13 13:54	50
1,2,3-Trichloropropane	<39		140	39	ug/Kg	☼	02/13/13 12:35	02/22/13 13:54	50
1,2,4-Trichlorobenzene	<26		140	26	ug/Kg	☼	02/13/13 12:35	02/22/13 13:54	50
1,2,4-Trimethylbenzene	<14		140	14	ug/Kg	☼	02/13/13 12:35	02/22/13 13:54	50
1,2-Dibromo-3-Chloropropane	<60		140	60	ug/Kg	☼	02/13/13 12:35	02/22/13 13:54	50
1,2-Dibromoethane	<21		140	21	ug/Kg	☼	02/13/13 12:35	02/22/13 13:54	50
1,2-Dichlorobenzene	<14		140	14	ug/Kg	☼	02/13/13 12:35	02/22/13 13:54	50
1,2-Dichloroethane	<19		68	19	ug/Kg	☼	02/13/13 12:35	02/22/13 13:54	50
1,2-Dichloropropane	<13		68	13	ug/Kg	☼	02/13/13 12:35	02/22/13 13:54	50
1,3,5-Trimethylbenzene	<14		140	14	ug/Kg	☼	02/13/13 12:35	02/22/13 13:54	50
1,3-Dichlorobenzene	<18		140	18	ug/Kg	☼	02/13/13 12:35	02/22/13 13:54	50
1,3-Dichloropropane	<9.2		68	9.2	ug/Kg	☼	02/13/13 12:35	02/22/13 13:54	50
1,4-Dichlorobenzene	<12		140	12	ug/Kg	☼	02/13/13 12:35	02/22/13 13:54	50
2,2-Dichloropropane	<22		68	22	ug/Kg	☼	02/13/13 12:35	02/22/13 13:54	50
2-Chlorotoluene	<14		68	14	ug/Kg	☼	02/13/13 12:35	02/22/13 13:54	50
4-Chlorotoluene	<13		68	13	ug/Kg	☼	02/13/13 12:35	02/22/13 13:54	50
Benzene	23		17	5.1	ug/Kg	☼	02/13/13 12:35	02/22/13 13:54	50
Bromobenzene	<29		140	29	ug/Kg	☼	02/13/13 12:35	02/22/13 13:54	50
Bromochloromethane	<26		140	26	ug/Kg	☼	02/13/13 12:35	02/22/13 13:54	50
Bromodichloromethane	<23		140	23	ug/Kg	☼	02/13/13 12:35	02/22/13 13:54	50
Bromoform	<30		140	30	ug/Kg	☼	02/13/13 12:35	02/22/13 13:54	50
Bromomethane	<47		140	47	ug/Kg	☼	02/13/13 12:35	02/22/13 13:54	50
Carbon tetrachloride	<18		68	18	ug/Kg	☼	02/13/13 12:35	02/22/13 13:54	50
Chlorobenzene	<9.8		68	9.8	ug/Kg	☼	02/13/13 12:35	02/22/13 13:54	50
Chloroethane	<30		140	30	ug/Kg	☼	02/13/13 12:35	02/22/13 13:54	50
Chloroform	<14		68	14	ug/Kg	☼	02/13/13 12:35	02/22/13 13:54	50
Chloromethane	<32		140	32	ug/Kg	☼	02/13/13 12:35	02/22/13 13:54	50
cis-1,2-Dichloroethene	<8.4		68	8.4	ug/Kg	☼	02/13/13 12:35	02/22/13 13:54	50
cis-1,3-Dichloropropene	<12		68	12	ug/Kg	☼	02/13/13 12:35	02/22/13 13:54	50
Dibromochloromethane	<24		140	24	ug/Kg	☼	02/13/13 12:35	02/22/13 13:54	50
Dibromomethane	<33		140	33	ug/Kg	☼	02/13/13 12:35	02/22/13 13:54	50
Dichlorodifluoromethane	<35		140	35	ug/Kg	☼	02/13/13 12:35	02/22/13 13:54	50
Ethylbenzene	<8.6		17	8.6	ug/Kg	☼	02/13/13 12:35	02/22/13 13:54	50
Hexachlorobutadiene	<24		140	24	ug/Kg	☼	02/13/13 12:35	02/22/13 13:54	50
Isopropyl ether	<10		140	10	ug/Kg	☼	02/13/13 12:35	02/22/13 13:54	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54673-1

Client Sample ID: B-99 20'

Lab Sample ID: 500-54673-3

Date Collected: 02/13/13 12:35

Matrix: Solid

Date Received: 02/19/13 10:20

Percent Solids: 89.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	<17		140	17	ug/Kg	☼	02/13/13 12:35	02/22/13 13:54	50
Methyl tert-butyl ether	<29		140	29	ug/Kg	☼	02/13/13 12:35	02/22/13 13:54	50
Methylene Chloride	<47		340	47	ug/Kg	☼	02/13/13 12:35	02/22/13 13:54	50
Naphthalene	<34		140	34	ug/Kg	☼	02/13/13 12:35	02/22/13 13:54	50
n-Butylbenzene	<8.8		68	8.8	ug/Kg	☼	02/13/13 12:35	02/22/13 13:54	50
N-Propylbenzene	<12		140	12	ug/Kg	☼	02/13/13 12:35	02/22/13 13:54	50
p-Isopropyltoluene	<13		140	13	ug/Kg	☼	02/13/13 12:35	02/22/13 13:54	50
sec-Butylbenzene	<11		68	11	ug/Kg	☼	02/13/13 12:35	02/22/13 13:54	50
Styrene	<6.8		68	6.8	ug/Kg	☼	02/13/13 12:35	02/22/13 13:54	50
tert-Butylbenzene	<9.3		68	9.3	ug/Kg	☼	02/13/13 12:35	02/22/13 13:54	50
Tetrachloroethene	<11		68	11	ug/Kg	☼	02/13/13 12:35	02/22/13 13:54	50
Toluene	<7.9		17	7.9	ug/Kg	☼	02/13/13 12:35	02/22/13 13:54	50
trans-1,2-Dichloroethene	<17		68	17	ug/Kg	☼	02/13/13 12:35	02/22/13 13:54	50
trans-1,3-Dichloropropene	<14		68	14	ug/Kg	☼	02/13/13 12:35	02/22/13 13:54	50
Trichloroethene	<13		34	13	ug/Kg	☼	02/13/13 12:35	02/22/13 13:54	50
Trichlorofluoromethane	<28		140	28	ug/Kg	☼	02/13/13 12:35	02/22/13 13:54	50
Vinyl chloride	<7.1		17	7.1	ug/Kg	☼	02/13/13 12:35	02/22/13 13:54	50
Xylenes, Total	35		34	4.7	ug/Kg	☼	02/13/13 12:35	02/22/13 13:54	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		75 - 125	02/13/13 12:35	02/22/13 13:54	50
4-Bromofluorobenzene (Surr)	109		75 - 120	02/13/13 12:35	02/22/13 13:54	50
Dibromofluoromethane	103		75 - 120	02/13/13 12:35	02/22/13 13:54	50
Toluene-d8 (Surr)	111		75 - 120	02/13/13 12:35	02/22/13 13:54	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<18		37	18	ug/Kg	☼	02/19/13 17:14	02/28/13 12:54	1
2-Methylnaphthalene	<48		190	48	ug/Kg	☼	02/19/13 17:14	02/28/13 12:54	1
Acenaphthene	<11		37	11	ug/Kg	☼	02/19/13 17:14	02/28/13 12:54	1
Acenaphthylene	<8.5		37	8.5	ug/Kg	☼	02/19/13 17:14	02/28/13 12:54	1
Anthracene	9.6	J	37	8.7	ug/Kg	☼	02/19/13 17:14	02/28/13 12:54	1
Benzo[a]anthracene	<7.7		37	7.7	ug/Kg	☼	02/19/13 17:14	02/28/13 12:54	1
Benzo[a]pyrene	<6.7		37	6.7	ug/Kg	☼	02/19/13 17:14	02/28/13 12:54	1
Benzo[b]fluoranthene	<7.2		37	7.2	ug/Kg	☼	02/19/13 17:14	02/28/13 12:54	1
Benzo[g,h,i]perylene	<12		37	12	ug/Kg	☼	02/19/13 17:14	02/28/13 12:54	1
Benzo[k]fluoranthene	<8.8		37	8.8	ug/Kg	☼	02/19/13 17:14	02/28/13 12:54	1
Chrysene	14	J	37	8.3	ug/Kg	☼	02/19/13 17:14	02/28/13 12:54	1
Dibenz(a,h)anthracene	<10		37	10	ug/Kg	☼	02/19/13 17:14	02/28/13 12:54	1
Fluoranthene	29	J	37	15	ug/Kg	☼	02/19/13 17:14	02/28/13 12:54	1
Fluorene	<8.4		37	8.4	ug/Kg	☼	02/19/13 17:14	02/28/13 12:54	1
Indeno[1,2,3-cd]pyrene	<12		37	12	ug/Kg	☼	02/19/13 17:14	02/28/13 12:54	1
Naphthalene	69		37	7.1	ug/Kg	☼	02/19/13 17:14	02/28/13 12:54	1
Phenanthrene	26	J	37	15	ug/Kg	☼	02/19/13 17:14	02/28/13 12:54	1
Pyrene	20	J	37	13	ug/Kg	☼	02/19/13 17:14	02/28/13 12:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	71		30 - 119	02/19/13 17:14	02/28/13 12:54	1
Nitrobenzene-d5 (Surr)	59		30 - 115	02/19/13 17:14	02/28/13 12:54	1
Terphenyl-d14 (Surr)	66		36 - 134	02/19/13 17:14	02/28/13 12:54	1

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54673-1

Client Sample ID: B-53 0-2'

Lab Sample ID: 500-54673-4

Date Collected: 02/13/13 13:40

Matrix: Solid

Date Received: 02/19/13 10:20

Percent Solids: 84.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<29		170	29	ug/Kg	☼	02/13/13 13:40	02/22/13 03:04	50
1,1,1-Trichloroethane	<17		85	17	ug/Kg	☼	02/13/13 13:40	02/22/13 03:04	50
1,1,2,2-Tetrachloroethane	<20		85	20	ug/Kg	☼	02/13/13 13:40	02/22/13 03:04	50
1,1,2-Trichloroethane	<24		85	24	ug/Kg	☼	02/13/13 13:40	02/22/13 03:04	50
1,1-Dichloroethane	<16		85	16	ug/Kg	☼	02/13/13 13:40	02/22/13 03:04	50
1,1-Dichloroethene	<26		85	26	ug/Kg	☼	02/13/13 13:40	02/22/13 03:04	50
1,1-Dichloropropene	<29		85	29	ug/Kg	☼	02/13/13 13:40	02/22/13 03:04	50
1,2,3-Trichlorobenzene	<30		170	30	ug/Kg	☼	02/13/13 13:40	02/22/13 03:04	50
1,2,3-Trichloropropane	<49		170	49	ug/Kg	☼	02/13/13 13:40	02/22/13 03:04	50
1,2,4-Trichlorobenzene	<32		170	32	ug/Kg	☼	02/13/13 13:40	02/22/13 03:04	50
1,2,4-Trimethylbenzene	<18		170	18	ug/Kg	☼	02/13/13 13:40	02/22/13 03:04	50
1,2-Dibromo-3-Chloropropane	<74		170	74	ug/Kg	☼	02/13/13 13:40	02/22/13 03:04	50
1,2-Dibromoethane	<27		170	27	ug/Kg	☼	02/13/13 13:40	02/22/13 03:04	50
1,2-Dichlorobenzene	<17		170	17	ug/Kg	☼	02/13/13 13:40	02/22/13 03:04	50
1,2-Dichloroethane	<24		85	24	ug/Kg	☼	02/13/13 13:40	02/22/13 03:04	50
1,2-Dichloropropane	<17		85	17	ug/Kg	☼	02/13/13 13:40	02/22/13 03:04	50
1,3,5-Trimethylbenzene	<18		170	18	ug/Kg	☼	02/13/13 13:40	02/22/13 03:04	50
1,3-Dichlorobenzene	<22		170	22	ug/Kg	☼	02/13/13 13:40	02/22/13 03:04	50
1,3-Dichloropropane	<11		85	11	ug/Kg	☼	02/13/13 13:40	02/22/13 03:04	50
1,4-Dichlorobenzene	<15		170	15	ug/Kg	☼	02/13/13 13:40	02/22/13 03:04	50
2,2-Dichloropropane	<27		85	27	ug/Kg	☼	02/13/13 13:40	02/22/13 03:04	50
2-Chlorotoluene	<18		85	18	ug/Kg	☼	02/13/13 13:40	02/22/13 03:04	50
4-Chlorotoluene	<17		85	17	ug/Kg	☼	02/13/13 13:40	02/22/13 03:04	50
Benzene	28		21	6.3	ug/Kg	☼	02/13/13 13:40	02/22/13 03:04	50
Bromobenzene	<36		170	36	ug/Kg	☼	02/13/13 13:40	02/22/13 03:04	50
Bromochloromethane	<32		170	32	ug/Kg	☼	02/13/13 13:40	02/22/13 03:04	50
Bromodichloromethane	<29		170	29	ug/Kg	☼	02/13/13 13:40	02/22/13 03:04	50
Bromoform	<38		170	38	ug/Kg	☼	02/13/13 13:40	02/22/13 03:04	50
Bromomethane	<58		170	58	ug/Kg	☼	02/13/13 13:40	02/22/13 03:04	50
Carbon tetrachloride	<22		85	22	ug/Kg	☼	02/13/13 13:40	02/22/13 03:04	50
Chlorobenzene	<12		85	12	ug/Kg	☼	02/13/13 13:40	02/22/13 03:04	50
Chloroethane	<37		170	37	ug/Kg	☼	02/13/13 13:40	02/22/13 03:04	50
Chloroform	<17		85	17	ug/Kg	☼	02/13/13 13:40	02/22/13 03:04	50
Chloromethane	<39		170	39	ug/Kg	☼	02/13/13 13:40	02/22/13 03:04	50
cis-1,2-Dichloroethene	<10		85	10	ug/Kg	☼	02/13/13 13:40	02/22/13 03:04	50
cis-1,3-Dichloropropene	<15		85	15	ug/Kg	☼	02/13/13 13:40	02/22/13 03:04	50
Dibromochloromethane	<29		170	29	ug/Kg	☼	02/13/13 13:40	02/22/13 03:04	50
Dibromomethane	<41		170	41	ug/Kg	☼	02/13/13 13:40	02/22/13 03:04	50
Dichlorodifluoromethane	<44		170	44	ug/Kg	☼	02/13/13 13:40	02/22/13 03:04	50
Ethylbenzene	<11		21	11	ug/Kg	☼	02/13/13 13:40	02/22/13 03:04	50
Hexachlorobutadiene	<29		170	29	ug/Kg	☼	02/13/13 13:40	02/22/13 03:04	50
Isopropyl ether	<13		170	13	ug/Kg	☼	02/13/13 13:40	02/22/13 03:04	50
Isopropylbenzene	<21		170	21	ug/Kg	☼	02/13/13 13:40	02/22/13 03:04	50
Methyl tert-butyl ether	<37		170	37	ug/Kg	☼	02/13/13 13:40	02/22/13 03:04	50
Methylene Chloride	<58		430	58	ug/Kg	☼	02/13/13 13:40	02/22/13 03:04	50
Naphthalene	<42		170	42	ug/Kg	☼	02/13/13 13:40	02/22/13 03:04	50
n-Butylbenzene	<11		85	11	ug/Kg	☼	02/13/13 13:40	02/22/13 03:04	50
N-Propylbenzene	<15		170	15	ug/Kg	☼	02/13/13 13:40	02/22/13 03:04	50
p-Isopropyltoluene	<16		170	16	ug/Kg	☼	02/13/13 13:40	02/22/13 03:04	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54673-1

Client Sample ID: B-53 0-2'

Lab Sample ID: 500-54673-4

Date Collected: 02/13/13 13:40

Matrix: Solid

Date Received: 02/19/13 10:20

Percent Solids: 84.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<13		85	13	ug/Kg	☼	02/13/13 13:40	02/22/13 03:04	50
Styrene	<8.4		85	8.4	ug/Kg	☼	02/13/13 13:40	02/22/13 03:04	50
tert-Butylbenzene	<12		85	12	ug/Kg	☼	02/13/13 13:40	02/22/13 03:04	50
Tetrachloroethene	<14		85	14	ug/Kg	☼	02/13/13 13:40	02/22/13 03:04	50
Toluene	<9.8		21	9.8	ug/Kg	☼	02/13/13 13:40	02/22/13 03:04	50
trans-1,2-Dichloroethene	<21		85	21	ug/Kg	☼	02/13/13 13:40	02/22/13 03:04	50
trans-1,3-Dichloropropene	<18		85	18	ug/Kg	☼	02/13/13 13:40	02/22/13 03:04	50
Trichloroethene	<16		43	16	ug/Kg	☼	02/13/13 13:40	02/22/13 03:04	50
Trichlorofluoromethane	<35		170	35	ug/Kg	☼	02/13/13 13:40	02/22/13 03:04	50
Vinyl chloride	<8.9		21	8.9	ug/Kg	☼	02/13/13 13:40	02/22/13 03:04	50
Xylenes, Total	33	J	43	5.8	ug/Kg	☼	02/13/13 13:40	02/22/13 03:04	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		75 - 125				02/13/13 13:40	02/22/13 03:04	50
4-Bromofluorobenzene (Surr)	95		75 - 120				02/13/13 13:40	02/22/13 03:04	50
Dibromofluoromethane	95		75 - 120				02/13/13 13:40	02/22/13 03:04	50
Toluene-d8 (Surr)	99		75 - 120				02/13/13 13:40	02/22/13 03:04	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	240	J	380	190	ug/Kg	☼	02/19/13 17:14	02/28/13 13:15	10
2-Methylnaphthalene	<500		1900	500	ug/Kg	☼	02/19/13 17:14	02/28/13 13:15	10
Acenaphthene	310	J	380	120	ug/Kg	☼	02/19/13 17:14	02/28/13 13:15	10
Acenaphthylene	2600		380	89	ug/Kg	☼	02/19/13 17:14	02/28/13 13:15	10
Anthracene	12000		380	91	ug/Kg	☼	02/19/13 17:14	02/28/13 13:15	10
Benzo[a]anthracene	12000		380	81	ug/Kg	☼	02/19/13 17:14	02/28/13 13:15	10
Benzo[a]pyrene	14000		380	70	ug/Kg	☼	02/19/13 17:14	02/28/13 13:15	10
Benzo[b]fluoranthene	16000		380	75	ug/Kg	☼	02/19/13 17:14	02/28/13 13:15	10
Benzo[g,h,i]perylene	10000		380	130	ug/Kg	☼	02/19/13 17:14	02/28/13 13:15	10
Benzo[k]fluoranthene	6900		380	92	ug/Kg	☼	02/19/13 17:14	02/28/13 13:15	10
Chrysene	14000		380	87	ug/Kg	☼	02/19/13 17:14	02/28/13 13:15	10
Dibenz(a,h)anthracene	2800		380	110	ug/Kg	☼	02/19/13 17:14	02/28/13 13:15	10
Fluoranthene	17000		380	160	ug/Kg	☼	02/19/13 17:14	02/28/13 13:15	10
Fluorene	1500		380	88	ug/Kg	☼	02/19/13 17:14	02/28/13 13:15	10
Indeno[1,2,3-cd]pyrene	8500		380	130	ug/Kg	☼	02/19/13 17:14	02/28/13 13:15	10
Naphthalene	720		380	74	ug/Kg	☼	02/19/13 17:14	02/28/13 13:15	10
Phenanthrene	6900		380	160	ug/Kg	☼	02/19/13 17:14	02/28/13 13:15	10
Pyrene	16000		380	140	ug/Kg	☼	02/19/13 17:14	02/28/13 13:15	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	24	X	30 - 119				02/19/13 17:14	02/28/13 13:15	10
Nitrobenzene-d5 (Surr)	57		30 - 115				02/19/13 17:14	02/28/13 13:15	10
Terphenyl-d14 (Surr)	56		36 - 134				02/19/13 17:14	02/28/13 13:15	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<35		98	35	ug/Kg	☼	02/19/13 17:17	02/20/13 09:51	5
PCB-1221	<43		98	43	ug/Kg	☼	02/19/13 17:17	02/20/13 09:51	5
PCB-1232	<43		98	43	ug/Kg	☼	02/19/13 17:17	02/20/13 09:51	5
PCB-1242	730		98	32	ug/Kg	☼	02/19/13 17:17	02/20/13 09:51	5

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54673-1

Client Sample ID: B-53 0-2'

Lab Sample ID: 500-54673-4

Date Collected: 02/13/13 13:40

Matrix: Solid

Date Received: 02/19/13 10:20

Percent Solids: 84.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	<39		98	39	ug/Kg	☼	02/19/13 17:17	02/20/13 09:51	5
PCB-1254	<21		98	21	ug/Kg	☼	02/19/13 17:17	02/20/13 09:51	5
PCB-1260	<48		98	48	ug/Kg	☼	02/19/13 17:17	02/20/13 09:51	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	95		50 - 116				02/19/13 17:17	02/20/13 09:51	5
DCB Decachlorobiphenyl	97		48 - 142				02/19/13 17:17	02/20/13 09:51	5

Client Sample ID: B-53 12-14'

Lab Sample ID: 500-54673-5

Date Collected: 02/13/13 13:50

Matrix: Solid

Date Received: 02/19/13 10:20

Percent Solids: 86.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<53		310	53	ug/Kg	☼	02/13/13 13:50	02/22/13 03:30	100
1,1,1-Trichloroethane	<31		150	31	ug/Kg	☼	02/13/13 13:50	02/22/13 03:30	100
1,1,1,2,2-Tetrachloroethane	<36		150	36	ug/Kg	☼	02/13/13 13:50	02/22/13 03:30	100
1,1,1,2-Trichloroethane	<43		150	43	ug/Kg	☼	02/13/13 13:50	02/22/13 03:30	100
1,1-Dichloroethane	<28		150	28	ug/Kg	☼	02/13/13 13:50	02/22/13 03:30	100
1,1-Dichloroethene	<47		150	47	ug/Kg	☼	02/13/13 13:50	02/22/13 03:30	100
1,1-Dichloropropene	<52		150	52	ug/Kg	☼	02/13/13 13:50	02/22/13 03:30	100
1,2,3-Trichlorobenzene	<53		310	53	ug/Kg	☼	02/13/13 13:50	02/22/13 03:30	100
1,2,3-Trichloropropane	<88		310	88	ug/Kg	☼	02/13/13 13:50	02/22/13 03:30	100
1,2,4-Trichlorobenzene	<58		310	58	ug/Kg	☼	02/13/13 13:50	02/22/13 03:30	100
1,2,4-Trimethylbenzene	1800		310	32	ug/Kg	☼	02/13/13 13:50	02/22/13 03:30	100
1,2-Dibromo-3-Chloropropane	<130		310	130	ug/Kg	☼	02/13/13 13:50	02/22/13 03:30	100
1,2-Dibromoethane	<48		310	48	ug/Kg	☼	02/13/13 13:50	02/22/13 03:30	100
1,2-Dichlorobenzene	<31		310	31	ug/Kg	☼	02/13/13 13:50	02/22/13 03:30	100
1,2-Dichloroethane	<43		150	43	ug/Kg	☼	02/13/13 13:50	02/22/13 03:30	100
1,2-Dichloropropane	<30		150	30	ug/Kg	☼	02/13/13 13:50	02/22/13 03:30	100
1,3,5-Trimethylbenzene	1100		310	31	ug/Kg	☼	02/13/13 13:50	02/22/13 03:30	100
1,3-Dichlorobenzene	<39		310	39	ug/Kg	☼	02/13/13 13:50	02/22/13 03:30	100
1,3-Dichloropropane	<20		150	20	ug/Kg	☼	02/13/13 13:50	02/22/13 03:30	100
1,4-Dichlorobenzene	<27		310	27	ug/Kg	☼	02/13/13 13:50	02/22/13 03:30	100
2,2-Dichloropropane	<48		150	48	ug/Kg	☼	02/13/13 13:50	02/22/13 03:30	100
2-Chlorotoluene	<32		150	32	ug/Kg	☼	02/13/13 13:50	02/22/13 03:30	100
4-Chlorotoluene	<30		150	30	ug/Kg	☼	02/13/13 13:50	02/22/13 03:30	100
Benzene	270		38	11	ug/Kg	☼	02/13/13 13:50	02/22/13 03:30	100
Bromobenzene	<65		310	65	ug/Kg	☼	02/13/13 13:50	02/22/13 03:30	100
Bromochloromethane	<58		310	58	ug/Kg	☼	02/13/13 13:50	02/22/13 03:30	100
Bromodichloromethane	<52		310	52	ug/Kg	☼	02/13/13 13:50	02/22/13 03:30	100
Bromoform	<67		310	67	ug/Kg	☼	02/13/13 13:50	02/22/13 03:30	100
Bromomethane	<100		310	100	ug/Kg	☼	02/13/13 13:50	02/22/13 03:30	100
Carbon tetrachloride	<39		150	39	ug/Kg	☼	02/13/13 13:50	02/22/13 03:30	100
Chlorobenzene	<22		150	22	ug/Kg	☼	02/13/13 13:50	02/22/13 03:30	100
Chloroethane	<66		310	66	ug/Kg	☼	02/13/13 13:50	02/22/13 03:30	100
Chloroform	<31		150	31	ug/Kg	☼	02/13/13 13:50	02/22/13 03:30	100
Chloromethane	<70		310	70	ug/Kg	☼	02/13/13 13:50	02/22/13 03:30	100
cis-1,2-Dichloroethene	<19		150	19	ug/Kg	☼	02/13/13 13:50	02/22/13 03:30	100
cis-1,3-Dichloropropene	<27		150	27	ug/Kg	☼	02/13/13 13:50	02/22/13 03:30	100

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54673-1

Client Sample ID: B-53 12-14'

Lab Sample ID: 500-54673-5

Date Collected: 02/13/13 13:50

Matrix: Solid

Date Received: 02/19/13 10:20

Percent Solids: 86.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromochloromethane	<53		310	53	ug/Kg	☼	02/13/13 13:50	02/22/13 03:30	100
Dibromomethane	<73		310	73	ug/Kg	☼	02/13/13 13:50	02/22/13 03:30	100
Dichlorodifluoromethane	<78		310	78	ug/Kg	☼	02/13/13 13:50	02/22/13 03:30	100
Ethylbenzene	1300		38	19	ug/Kg	☼	02/13/13 13:50	02/22/13 03:30	100
Hexachlorobutadiene	<53		310	53	ug/Kg	☼	02/13/13 13:50	02/22/13 03:30	100
Isopropyl ether	<22		310	22	ug/Kg	☼	02/13/13 13:50	02/22/13 03:30	100
Isopropylbenzene	93 J		310	38	ug/Kg	☼	02/13/13 13:50	02/22/13 03:30	100
Methyl tert-butyl ether	<66		310	66	ug/Kg	☼	02/13/13 13:50	02/22/13 03:30	100
Methylene Chloride	<100		760	100	ug/Kg	☼	02/13/13 13:50	02/22/13 03:30	100
n-Butylbenzene	<20		150	20	ug/Kg	☼	02/13/13 13:50	02/22/13 03:30	100
N-Propylbenzene	<27		310	27	ug/Kg	☼	02/13/13 13:50	02/22/13 03:30	100
p-Isopropyltoluene	<28		310	28	ug/Kg	☼	02/13/13 13:50	02/22/13 03:30	100
sec-Butylbenzene	<23		150	23	ug/Kg	☼	02/13/13 13:50	02/22/13 03:30	100
Styrene	<15		150	15	ug/Kg	☼	02/13/13 13:50	02/22/13 03:30	100
tert-Butylbenzene	<21		150	21	ug/Kg	☼	02/13/13 13:50	02/22/13 03:30	100
Tetrachloroethene	<25		150	25	ug/Kg	☼	02/13/13 13:50	02/22/13 03:30	100
Toluene	200		38	18	ug/Kg	☼	02/13/13 13:50	02/22/13 03:30	100
trans-1,2-Dichloroethene	<38		150	38	ug/Kg	☼	02/13/13 13:50	02/22/13 03:30	100
trans-1,3-Dichloropropene	<32		150	32	ug/Kg	☼	02/13/13 13:50	02/22/13 03:30	100
Trichloroethene	<28		76	28	ug/Kg	☼	02/13/13 13:50	02/22/13 03:30	100
Trichlorofluoromethane	<63		310	63	ug/Kg	☼	02/13/13 13:50	02/22/13 03:30	100
Vinyl chloride	<16		38	16	ug/Kg	☼	02/13/13 13:50	02/22/13 03:30	100
Xylenes, Total	3800		76	10	ug/Kg	☼	02/13/13 13:50	02/22/13 03:30	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		75 - 125	02/13/13 13:50	02/22/13 03:30	100
4-Bromofluorobenzene (Surr)	102		75 - 120	02/13/13 13:50	02/22/13 03:30	100
Dibromofluoromethane	106		75 - 120	02/13/13 13:50	02/22/13 03:30	100
Toluene-d8 (Surr)	105		75 - 120	02/13/13 13:50	02/22/13 03:30	100

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	100000		3100	750	ug/Kg	☼	02/13/13 13:50	02/22/13 03:57	1000

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		75 - 125	02/13/13 13:50	02/22/13 03:57	1000
4-Bromofluorobenzene (Surr)	98		75 - 120	02/13/13 13:50	02/22/13 03:57	1000
Dibromofluoromethane	98		75 - 120	02/13/13 13:50	02/22/13 03:57	1000
Toluene-d8 (Surr)	100		75 - 120	02/13/13 13:50	02/22/13 03:57	1000

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthylene	520		36	8.4	ug/Kg	☼	02/19/13 17:14	02/28/13 13:36	1
Anthracene	890		36	8.6	ug/Kg	☼	02/19/13 17:14	02/28/13 13:36	1
Benzo[a]anthracene	660		36	7.6	ug/Kg	☼	02/19/13 17:14	02/28/13 13:36	1
Benzo[a]pyrene	450		36	6.6	ug/Kg	☼	02/19/13 17:14	02/28/13 13:36	1
Benzo[b]fluoranthene	520		36	7.1	ug/Kg	☼	02/19/13 17:14	02/28/13 13:36	1
Benzo[g,h,i]perylene	270		36	12	ug/Kg	☼	02/19/13 17:14	02/28/13 13:36	1
Benzo[k]fluoranthene	220		36	8.7	ug/Kg	☼	02/19/13 17:14	02/28/13 13:36	1
Chrysene	510		36	8.2	ug/Kg	☼	02/19/13 17:14	02/28/13 13:36	1

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54673-1

Client Sample ID: B-53 12-14'

Lab Sample ID: 500-54673-5

Date Collected: 02/13/13 13:50

Matrix: Solid

Date Received: 02/19/13 10:20

Percent Solids: 86.2

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	74		36	10	ug/Kg	☼	02/19/13 17:14	02/28/13 13:36	1
Fluoranthene	2900		36	15	ug/Kg	☼	02/19/13 17:14	02/28/13 13:36	1
Indeno[1,2,3-cd]pyrene	230		36	12	ug/Kg	☼	02/19/13 17:14	02/28/13 13:36	1
Pyrene	1900		36	13	ug/Kg	☼	02/19/13 17:14	02/28/13 13:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	65		30 - 119				02/19/13 17:14	02/28/13 13:36	1
Nitrobenzene-d5 (Surr)	60		30 - 115				02/19/13 17:14	02/28/13 13:36	1
Terphenyl-d14 (Surr)	66		36 - 134				02/19/13 17:14	02/28/13 13:36	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	5600		720	360	ug/Kg	☼	02/19/13 17:14	03/04/13 10:34	20
2-Methylnaphthalene	4200		3700	950	ug/Kg	☼	02/19/13 17:14	03/04/13 10:34	20
Acenaphthene	6900		720	220	ug/Kg	☼	02/19/13 17:14	03/04/13 10:34	20
Fluorene	5600		720	170	ug/Kg	☼	02/19/13 17:14	03/04/13 10:34	20
Naphthalene	27000		720	140	ug/Kg	☼	02/19/13 17:14	03/04/13 10:34	20
Phenanthrene	9000		720	310	ug/Kg	☼	02/19/13 17:14	03/04/13 10:34	20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<6.7		19	6.7	ug/Kg	☼	02/19/13 17:17	02/20/13 02:36	1
PCB-1221	<8.3		19	8.3	ug/Kg	☼	02/19/13 17:17	02/20/13 02:36	1
PCB-1232	<8.2		19	8.2	ug/Kg	☼	02/19/13 17:17	02/20/13 02:36	1
PCB-1242	<6.2		19	6.2	ug/Kg	☼	02/19/13 17:17	02/20/13 02:36	1
PCB-1248	<7.4		19	7.4	ug/Kg	☼	02/19/13 17:17	02/20/13 02:36	1
PCB-1254	<4.1		19	4.1	ug/Kg	☼	02/19/13 17:17	02/20/13 02:36	1
PCB-1260	<9.2		19	9.2	ug/Kg	☼	02/19/13 17:17	02/20/13 02:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	65		50 - 116				02/19/13 17:17	02/20/13 02:36	1
DCB Decachlorobiphenyl	75		48 - 142				02/19/13 17:17	02/20/13 02:36	1

Client Sample ID: B-52 0-2'

Lab Sample ID: 500-54673-6

Date Collected: 02/13/13 14:05

Matrix: Solid

Date Received: 02/19/13 10:20

Percent Solids: 84.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<32		180	32	ug/Kg	☼	02/13/13 14:05	02/22/13 14:20	50
1,1,1-Trichloroethane	<18		91	18	ug/Kg	☼	02/13/13 14:05	02/22/13 14:20	50
1,1,2,2-Tetrachloroethane	<21		91	21	ug/Kg	☼	02/13/13 14:05	02/22/13 14:20	50
1,1,2-Trichloroethane	<25		91	25	ug/Kg	☼	02/13/13 14:05	02/22/13 14:20	50
1,1-Dichloroethane	<17		91	17	ug/Kg	☼	02/13/13 14:05	02/22/13 14:20	50
1,1-Dichloroethene	<28		91	28	ug/Kg	☼	02/13/13 14:05	02/22/13 14:20	50
1,1-Dichloropropene	<31		91	31	ug/Kg	☼	02/13/13 14:05	02/22/13 14:20	50
1,2,3-Trichlorobenzene	<32		180	32	ug/Kg	☼	02/13/13 14:05	02/22/13 14:20	50
1,2,3-Trichloropropane	<52		180	52	ug/Kg	☼	02/13/13 14:05	02/22/13 14:20	50
1,2,4-Trichlorobenzene	<34		180	34	ug/Kg	☼	02/13/13 14:05	02/22/13 14:20	50
1,2,4-Trimethylbenzene	<19		180	19	ug/Kg	☼	02/13/13 14:05	02/22/13 14:20	50
1,2-Dibromo-3-Chloropropane	<79		180	79	ug/Kg	☼	02/13/13 14:05	02/22/13 14:20	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54673-1

Client Sample ID: B-52 0-2'

Lab Sample ID: 500-54673-6

Date Collected: 02/13/13 14:05

Matrix: Solid

Date Received: 02/19/13 10:20

Percent Solids: 84.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	<29		180	29	ug/Kg	☼	02/13/13 14:05	02/22/13 14:20	50
1,2-Dichlorobenzene	<19		180	19	ug/Kg	☼	02/13/13 14:05	02/22/13 14:20	50
1,2-Dichloroethane	<26		91	26	ug/Kg	☼	02/13/13 14:05	02/22/13 14:20	50
1,2-Dichloropropane	<18		91	18	ug/Kg	☼	02/13/13 14:05	02/22/13 14:20	50
1,3,5-Trimethylbenzene	<19		180	19	ug/Kg	☼	02/13/13 14:05	02/22/13 14:20	50
1,3-Dichlorobenzene	<23		180	23	ug/Kg	☼	02/13/13 14:05	02/22/13 14:20	50
1,3-Dichloropropane	<12		91	12	ug/Kg	☼	02/13/13 14:05	02/22/13 14:20	50
1,4-Dichlorobenzene	<16		180	16	ug/Kg	☼	02/13/13 14:05	02/22/13 14:20	50
2,2-Dichloropropane	<29		91	29	ug/Kg	☼	02/13/13 14:05	02/22/13 14:20	50
2-Chlorotoluene	<19		91	19	ug/Kg	☼	02/13/13 14:05	02/22/13 14:20	50
4-Chlorotoluene	<18		91	18	ug/Kg	☼	02/13/13 14:05	02/22/13 14:20	50
Benzene	<6.8		23	6.8	ug/Kg	☼	02/13/13 14:05	02/22/13 14:20	50
Bromobenzene	<39		180	39	ug/Kg	☼	02/13/13 14:05	02/22/13 14:20	50
Bromochloromethane	<34		180	34	ug/Kg	☼	02/13/13 14:05	02/22/13 14:20	50
Bromodichloromethane	<31		180	31	ug/Kg	☼	02/13/13 14:05	02/22/13 14:20	50
Bromoform	<40		180	40	ug/Kg	☼	02/13/13 14:05	02/22/13 14:20	50
Bromomethane	<62		180	62	ug/Kg	☼	02/13/13 14:05	02/22/13 14:20	50
Carbon tetrachloride	<23		91	23	ug/Kg	☼	02/13/13 14:05	02/22/13 14:20	50
Chlorobenzene	<13		91	13	ug/Kg	☼	02/13/13 14:05	02/22/13 14:20	50
Chloroethane	<40		180	40	ug/Kg	☼	02/13/13 14:05	02/22/13 14:20	50
Chloroform	<19		91	19	ug/Kg	☼	02/13/13 14:05	02/22/13 14:20	50
Chloromethane	<42		180	42	ug/Kg	☼	02/13/13 14:05	02/22/13 14:20	50
cis-1,2-Dichloroethene	<11		91	11	ug/Kg	☼	02/13/13 14:05	02/22/13 14:20	50
cis-1,3-Dichloropropene	<16		91	16	ug/Kg	☼	02/13/13 14:05	02/22/13 14:20	50
Dibromochloromethane	<32		180	32	ug/Kg	☼	02/13/13 14:05	02/22/13 14:20	50
Dibromomethane	<44		180	44	ug/Kg	☼	02/13/13 14:05	02/22/13 14:20	50
Dichlorodifluoromethane	<47		180	47	ug/Kg	☼	02/13/13 14:05	02/22/13 14:20	50
Ethylbenzene	<11		23	11	ug/Kg	☼	02/13/13 14:05	02/22/13 14:20	50
Hexachlorobutadiene	<32		180	32	ug/Kg	☼	02/13/13 14:05	02/22/13 14:20	50
Isopropyl ether	<13		180	13	ug/Kg	☼	02/13/13 14:05	02/22/13 14:20	50
Isopropylbenzene	<23		180	23	ug/Kg	☼	02/13/13 14:05	02/22/13 14:20	50
Methyl tert-butyl ether	<39		180	39	ug/Kg	☼	02/13/13 14:05	02/22/13 14:20	50
Methylene Chloride	<62		460	62	ug/Kg	☼	02/13/13 14:05	02/22/13 14:20	50
Naphthalene	<45		180	45	ug/Kg	☼	02/13/13 14:05	02/22/13 14:20	50
n-Butylbenzene	<12		91	12	ug/Kg	☼	02/13/13 14:05	02/22/13 14:20	50
N-Propylbenzene	<16		180	16	ug/Kg	☼	02/13/13 14:05	02/22/13 14:20	50
p-Isopropyltoluene	<17		180	17	ug/Kg	☼	02/13/13 14:05	02/22/13 14:20	50
sec-Butylbenzene	<14		91	14	ug/Kg	☼	02/13/13 14:05	02/22/13 14:20	50
Styrene	<9.0		91	9.0	ug/Kg	☼	02/13/13 14:05	02/22/13 14:20	50
tert-Butylbenzene	<12		91	12	ug/Kg	☼	02/13/13 14:05	02/22/13 14:20	50
Tetrachloroethene	<15		91	15	ug/Kg	☼	02/13/13 14:05	02/22/13 14:20	50
Toluene	<10		23	10	ug/Kg	☼	02/13/13 14:05	02/22/13 14:20	50
trans-1,2-Dichloroethene	<23		91	23	ug/Kg	☼	02/13/13 14:05	02/22/13 14:20	50
trans-1,3-Dichloropropene	<19		91	19	ug/Kg	☼	02/13/13 14:05	02/22/13 14:20	50
Trichloroethene	<17		46	17	ug/Kg	☼	02/13/13 14:05	02/22/13 14:20	50
Trichlorofluoromethane	<38		180	38	ug/Kg	☼	02/13/13 14:05	02/22/13 14:20	50
Vinyl chloride	<9.5		23	9.5	ug/Kg	☼	02/13/13 14:05	02/22/13 14:20	50
Xylenes, Total	<6.2		46	6.2	ug/Kg	☼	02/13/13 14:05	02/22/13 14:20	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54673-1

Client Sample ID: B-52 0-2'

Lab Sample ID: 500-54673-6

Date Collected: 02/13/13 14:05

Matrix: Solid

Date Received: 02/19/13 10:20

Percent Solids: 84.5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	90		75 - 125	02/13/13 14:05	02/22/13 14:20	50
4-Bromofluorobenzene (Surr)	95		75 - 120	02/13/13 14:05	02/22/13 14:20	50
Dibromofluoromethane	90		75 - 120	02/13/13 14:05	02/22/13 14:20	50
Toluene-d8 (Surr)	98		75 - 120	02/13/13 14:05	02/22/13 14:20	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	210		190	96	ug/Kg	☼	02/19/13 17:14	02/28/13 13:56	5
2-Methylnaphthalene	<250		970	250	ug/Kg	☼	02/19/13 17:14	02/28/13 13:56	5
Acenaphthene	190		190	58	ug/Kg	☼	02/19/13 17:14	02/28/13 13:56	5
Acenaphthylene	190		190	44	ug/Kg	☼	02/19/13 17:14	02/28/13 13:56	5
Anthracene	570		190	45	ug/Kg	☼	02/19/13 17:14	02/28/13 13:56	5
Benzo[a]anthracene	2400		190	40	ug/Kg	☼	02/19/13 17:14	02/28/13 13:56	5
Benzo[a]pyrene	3300		190	35	ug/Kg	☼	02/19/13 17:14	02/28/13 13:56	5
Benzo[b]fluoranthene	4100		190	37	ug/Kg	☼	02/19/13 17:14	02/28/13 13:56	5
Benzo[g,h,i]perylene	2600		190	65	ug/Kg	☼	02/19/13 17:14	02/28/13 13:56	5
Benzo[k]fluoranthene	1500		190	46	ug/Kg	☼	02/19/13 17:14	02/28/13 13:56	5
Chrysene	3100		190	44	ug/Kg	☼	02/19/13 17:14	02/28/13 13:56	5
Dibenz(a,h)anthracene	670		190	54	ug/Kg	☼	02/19/13 17:14	02/28/13 13:56	5
Fluoranthene	4000		190	79	ug/Kg	☼	02/19/13 17:14	02/28/13 13:56	5
Fluorene	320		190	44	ug/Kg	☼	02/19/13 17:14	02/28/13 13:56	5
Indeno[1,2,3-cd]pyrene	2100		190	65	ug/Kg	☼	02/19/13 17:14	02/28/13 13:56	5
Naphthalene	1100		190	37	ug/Kg	☼	02/19/13 17:14	02/28/13 13:56	5
Phenanthrene	1900		190	81	ug/Kg	☼	02/19/13 17:14	02/28/13 13:56	5
Pyrene	3400		190	70	ug/Kg	☼	02/19/13 17:14	02/28/13 13:56	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	58		30 - 119	02/19/13 17:14	02/28/13 13:56	5
Nitrobenzene-d5 (Surr)	58		30 - 115	02/19/13 17:14	02/28/13 13:56	5
Terphenyl-d14 (Surr)	72		36 - 134	02/19/13 17:14	02/28/13 13:56	5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<13		38	13	ug/Kg	☼	02/19/13 17:17	02/20/13 10:05	2
PCB-1221	<16		38	16	ug/Kg	☼	02/19/13 17:17	02/20/13 10:05	2
PCB-1232	<16		38	16	ug/Kg	☼	02/19/13 17:17	02/20/13 10:05	2
PCB-1242	<12		38	12	ug/Kg	☼	02/19/13 17:17	02/20/13 10:05	2
PCB-1248	<15		38	15	ug/Kg	☼	02/19/13 17:17	02/20/13 10:05	2
PCB-1254	430		38	8.1	ug/Kg	☼	02/19/13 17:17	02/20/13 10:05	2
PCB-1260	<18		38	18	ug/Kg	☼	02/19/13 17:17	02/20/13 10:05	2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	82		50 - 116	02/19/13 17:17	02/20/13 10:05	2
DCB Decachlorobiphenyl	78		48 - 142	02/19/13 17:17	02/20/13 10:05	2

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54673-1

Client Sample ID: B-52 10-12'

Lab Sample ID: 500-54673-7

Date Collected: 02/13/13 14:10

Matrix: Solid

Date Received: 02/19/13 10:20

Percent Solids: 84.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<25		150	25	ug/Kg	☼	02/13/13 14:10	02/22/13 14:46	50
1,1,1-Trichloroethane	<15		73	15	ug/Kg	☼	02/13/13 14:10	02/22/13 14:46	50
1,1,2,2-Tetrachloroethane	<17		73	17	ug/Kg	☼	02/13/13 14:10	02/22/13 14:46	50
1,1,2-Trichloroethane	<20		73	20	ug/Kg	☼	02/13/13 14:10	02/22/13 14:46	50
1,1-Dichloroethane	<14		73	14	ug/Kg	☼	02/13/13 14:10	02/22/13 14:46	50
1,1-Dichloroethene	<22		73	22	ug/Kg	☼	02/13/13 14:10	02/22/13 14:46	50
1,1-Dichloropropene	<25		73	25	ug/Kg	☼	02/13/13 14:10	02/22/13 14:46	50
1,2,3-Trichlorobenzene	<26		150	26	ug/Kg	☼	02/13/13 14:10	02/22/13 14:46	50
1,2,3-Trichloropropane	<42		150	42	ug/Kg	☼	02/13/13 14:10	02/22/13 14:46	50
1,2,4-Trichlorobenzene	<28		150	28	ug/Kg	☼	02/13/13 14:10	02/22/13 14:46	50
1,2,4-Trimethylbenzene	<15		150	15	ug/Kg	☼	02/13/13 14:10	02/22/13 14:46	50
1,2-Dibromo-3-Chloropropane	<64		150	64	ug/Kg	☼	02/13/13 14:10	02/22/13 14:46	50
1,2-Dibromoethane	<23		150	23	ug/Kg	☼	02/13/13 14:10	02/22/13 14:46	50
1,2-Dichlorobenzene	<15		150	15	ug/Kg	☼	02/13/13 14:10	02/22/13 14:46	50
1,2-Dichloroethane	<21		73	21	ug/Kg	☼	02/13/13 14:10	02/22/13 14:46	50
1,2-Dichloropropane	<14		73	14	ug/Kg	☼	02/13/13 14:10	02/22/13 14:46	50
1,3,5-Trimethylbenzene	<15		150	15	ug/Kg	☼	02/13/13 14:10	02/22/13 14:46	50
1,3-Dichlorobenzene	<19		150	19	ug/Kg	☼	02/13/13 14:10	02/22/13 14:46	50
1,3-Dichloropropane	<9.8		73	9.8	ug/Kg	☼	02/13/13 14:10	02/22/13 14:46	50
1,4-Dichlorobenzene	<13		150	13	ug/Kg	☼	02/13/13 14:10	02/22/13 14:46	50
2,2-Dichloropropane	<23		73	23	ug/Kg	☼	02/13/13 14:10	02/22/13 14:46	50
2-Chlorotoluene	<15		73	15	ug/Kg	☼	02/13/13 14:10	02/22/13 14:46	50
4-Chlorotoluene	<14		73	14	ug/Kg	☼	02/13/13 14:10	02/22/13 14:46	50
Benzene	<5.4		18	5.4	ug/Kg	☼	02/13/13 14:10	02/22/13 14:46	50
Bromobenzene	<31		150	31	ug/Kg	☼	02/13/13 14:10	02/22/13 14:46	50
Bromochloromethane	<28		150	28	ug/Kg	☼	02/13/13 14:10	02/22/13 14:46	50
Bromodichloromethane	<25		150	25	ug/Kg	☼	02/13/13 14:10	02/22/13 14:46	50
Bromoform	<32		150	32	ug/Kg	☼	02/13/13 14:10	02/22/13 14:46	50
Bromomethane	<50		150	50	ug/Kg	☼	02/13/13 14:10	02/22/13 14:46	50
Carbon tetrachloride	<19		73	19	ug/Kg	☼	02/13/13 14:10	02/22/13 14:46	50
Chlorobenzene	<10		73	10	ug/Kg	☼	02/13/13 14:10	02/22/13 14:46	50
Chloroethane	<32		150	32	ug/Kg	☼	02/13/13 14:10	02/22/13 14:46	50
Chloroform	<15		73	15	ug/Kg	☼	02/13/13 14:10	02/22/13 14:46	50
Chloromethane	<34		150	34	ug/Kg	☼	02/13/13 14:10	02/22/13 14:46	50
cis-1,2-Dichloroethene	<9.0		73	9.0	ug/Kg	☼	02/13/13 14:10	02/22/13 14:46	50
cis-1,3-Dichloropropene	<13		73	13	ug/Kg	☼	02/13/13 14:10	02/22/13 14:46	50
Dibromochloromethane	<25		150	25	ug/Kg	☼	02/13/13 14:10	02/22/13 14:46	50
Dibromomethane	<35		150	35	ug/Kg	☼	02/13/13 14:10	02/22/13 14:46	50
Dichlorodifluoromethane	<38		150	38	ug/Kg	☼	02/13/13 14:10	02/22/13 14:46	50
Ethylbenzene	<9.2		18	9.2	ug/Kg	☼	02/13/13 14:10	02/22/13 14:46	50
Hexachlorobutadiene	<25		150	25	ug/Kg	☼	02/13/13 14:10	02/22/13 14:46	50
Isopropyl ether	<11		150	11	ug/Kg	☼	02/13/13 14:10	02/22/13 14:46	50
Isopropylbenzene	<18		150	18	ug/Kg	☼	02/13/13 14:10	02/22/13 14:46	50
Methyl tert-butyl ether	<31		150	31	ug/Kg	☼	02/13/13 14:10	02/22/13 14:46	50
Methylene Chloride	<50		370	50	ug/Kg	☼	02/13/13 14:10	02/22/13 14:46	50
Naphthalene	<36		150	36	ug/Kg	☼	02/13/13 14:10	02/22/13 14:46	50
n-Butylbenzene	<9.4		73	9.4	ug/Kg	☼	02/13/13 14:10	02/22/13 14:46	50
N-Propylbenzene	<13		150	13	ug/Kg	☼	02/13/13 14:10	02/22/13 14:46	50
p-Isopropyltoluene	<14		150	14	ug/Kg	☼	02/13/13 14:10	02/22/13 14:46	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54673-1

Client Sample ID: B-52 10-12'

Lab Sample ID: 500-54673-7

Date Collected: 02/13/13 14:10

Matrix: Solid

Date Received: 02/19/13 10:20

Percent Solids: 84.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<11		73	11	ug/Kg	☼	02/13/13 14:10	02/22/13 14:46	50
Styrene	<7.2		73	7.2	ug/Kg	☼	02/13/13 14:10	02/22/13 14:46	50
tert-Butylbenzene	<9.9		73	9.9	ug/Kg	☼	02/13/13 14:10	02/22/13 14:46	50
Tetrachloroethene	<12		73	12	ug/Kg	☼	02/13/13 14:10	02/22/13 14:46	50
Toluene	<8.4		18	8.4	ug/Kg	☼	02/13/13 14:10	02/22/13 14:46	50
trans-1,2-Dichloroethene	<18		73	18	ug/Kg	☼	02/13/13 14:10	02/22/13 14:46	50
trans-1,3-Dichloropropene	<15		73	15	ug/Kg	☼	02/13/13 14:10	02/22/13 14:46	50
Trichloroethene	<14		37	14	ug/Kg	☼	02/13/13 14:10	02/22/13 14:46	50
Trichlorofluoromethane	<30		150	30	ug/Kg	☼	02/13/13 14:10	02/22/13 14:46	50
Vinyl chloride	<7.6		18	7.6	ug/Kg	☼	02/13/13 14:10	02/22/13 14:46	50
Xylenes, Total	<5.0		37	5.0	ug/Kg	☼	02/13/13 14:10	02/22/13 14:46	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93		75 - 125				02/13/13 14:10	02/22/13 14:46	50
4-Bromofluorobenzene (Surr)	99		75 - 120				02/13/13 14:10	02/22/13 14:46	50
Dibromofluoromethane	95		75 - 120				02/13/13 14:10	02/22/13 14:46	50
Toluene-d8 (Surr)	102		75 - 120				02/13/13 14:10	02/22/13 14:46	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<19		39	19	ug/Kg	☼	02/19/13 17:14	02/28/13 14:19	1
2-Methylnaphthalene	<51		200	51	ug/Kg	☼	02/19/13 17:14	02/28/13 14:19	1
Acenaphthene	<12		39	12	ug/Kg	☼	02/19/13 17:14	02/28/13 14:19	1
Acenaphthylene	<9.0		39	9.0	ug/Kg	☼	02/19/13 17:14	02/28/13 14:19	1
Anthracene	<9.2		39	9.2	ug/Kg	☼	02/19/13 17:14	02/28/13 14:19	1
Benzo[a]anthracene	41		39	8.2	ug/Kg	☼	02/19/13 17:14	02/28/13 14:19	1
Benzo[a]pyrene	60		39	7.1	ug/Kg	☼	02/19/13 17:14	02/28/13 14:19	1
Benzo[b]fluoranthene	85		39	7.6	ug/Kg	☼	02/19/13 17:14	02/28/13 14:19	1
Benzo[g,h,i]perylene	46		39	13	ug/Kg	☼	02/19/13 17:14	02/28/13 14:19	1
Benzo[k]fluoranthene	35 J		39	9.3	ug/Kg	☼	02/19/13 17:14	02/28/13 14:19	1
Chrysene	55		39	8.8	ug/Kg	☼	02/19/13 17:14	02/28/13 14:19	1
Dibenz(a,h)anthracene	12 J		39	11	ug/Kg	☼	02/19/13 17:14	02/28/13 14:19	1
Fluoranthene	51		39	16	ug/Kg	☼	02/19/13 17:14	02/28/13 14:19	1
Fluorene	<8.9		39	8.9	ug/Kg	☼	02/19/13 17:14	02/28/13 14:19	1
Indeno[1,2,3-cd]pyrene	41		39	13	ug/Kg	☼	02/19/13 17:14	02/28/13 14:19	1
Naphthalene	<7.5		39	7.5	ug/Kg	☼	02/19/13 17:14	02/28/13 14:19	1
Phenanthrene	<16		39	16	ug/Kg	☼	02/19/13 17:14	02/28/13 14:19	1
Pyrene	54		39	14	ug/Kg	☼	02/19/13 17:14	02/28/13 14:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	56		30 - 119				02/19/13 17:14	02/28/13 14:19	1
Nitrobenzene-d5 (Surr)	42		30 - 115				02/19/13 17:14	02/28/13 14:19	1
Terphenyl-d14 (Surr)	75		36 - 134				02/19/13 17:14	02/28/13 14:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<6.8		19	6.8	ug/Kg	☼	02/19/13 17:17	02/20/13 03:03	1
PCB-1221	<8.4		19	8.4	ug/Kg	☼	02/19/13 17:17	02/20/13 03:03	1
PCB-1232	<8.3		19	8.3	ug/Kg	☼	02/19/13 17:17	02/20/13 03:03	1
PCB-1242	<6.3		19	6.3	ug/Kg	☼	02/19/13 17:17	02/20/13 03:03	1

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Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54673-1

Client Sample ID: B-52 10-12'

Lab Sample ID: 500-54673-7

Date Collected: 02/13/13 14:10

Matrix: Solid

Date Received: 02/19/13 10:20

Percent Solids: 84.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	<7.5		19	7.5	ug/Kg	☼	02/19/13 17:17	02/20/13 03:03	1
PCB-1254	<4.1		19	4.1	ug/Kg	☼	02/19/13 17:17	02/20/13 03:03	1
PCB-1260	<9.4		19	9.4	ug/Kg	☼	02/19/13 17:17	02/20/13 03:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	74		50 - 116				02/19/13 17:17	02/20/13 03:03	1
DCB Decachlorobiphenyl	78		48 - 142				02/19/13 17:17	02/20/13 03:03	1

Client Sample ID: B-52 15'

Lab Sample ID: 500-54673-8

Date Collected: 02/13/13 14:15

Matrix: Solid

Date Received: 02/19/13 10:20

Percent Solids: 82.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<29		170	29	ug/Kg	☼	02/13/13 14:15	02/22/13 05:15	50
1,1,1-Trichloroethane	<17		83	17	ug/Kg	☼	02/13/13 14:15	02/22/13 05:15	50
1,1,1,2,2-Tetrachloroethane	<19		83	19	ug/Kg	☼	02/13/13 14:15	02/22/13 05:15	50
1,1,1,2-Trichloroethane	<23		83	23	ug/Kg	☼	02/13/13 14:15	02/22/13 05:15	50
1,1-Dichloroethane	<15		83	15	ug/Kg	☼	02/13/13 14:15	02/22/13 05:15	50
1,1-Dichloroethene	<26		83	26	ug/Kg	☼	02/13/13 14:15	02/22/13 05:15	50
1,1-Dichloropropene	<29		83	29	ug/Kg	☼	02/13/13 14:15	02/22/13 05:15	50
1,2,3-Trichlorobenzene	<29		170	29	ug/Kg	☼	02/13/13 14:15	02/22/13 05:15	50
1,2,3-Trichloropropane	<48		170	48	ug/Kg	☼	02/13/13 14:15	02/22/13 05:15	50
1,2,4-Trichlorobenzene	<31		170	31	ug/Kg	☼	02/13/13 14:15	02/22/13 05:15	50
1,2,4-Trimethylbenzene	<18		170	18	ug/Kg	☼	02/13/13 14:15	02/22/13 05:15	50
1,2-Dibromo-3-Chloropropane	<72		170	72	ug/Kg	☼	02/13/13 14:15	02/22/13 05:15	50
1,2-Dibromoethane	<26		170	26	ug/Kg	☼	02/13/13 14:15	02/22/13 05:15	50
1,2-Dichlorobenzene	<17		170	17	ug/Kg	☼	02/13/13 14:15	02/22/13 05:15	50
1,2-Dichloroethane	<24		83	24	ug/Kg	☼	02/13/13 14:15	02/22/13 05:15	50
1,2-Dichloropropane	<16		83	16	ug/Kg	☼	02/13/13 14:15	02/22/13 05:15	50
1,3,5-Trimethylbenzene	<17		170	17	ug/Kg	☼	02/13/13 14:15	02/22/13 05:15	50
1,3-Dichlorobenzene	<21		170	21	ug/Kg	☼	02/13/13 14:15	02/22/13 05:15	50
1,3-Dichloropropane	<11		83	11	ug/Kg	☼	02/13/13 14:15	02/22/13 05:15	50
1,4-Dichlorobenzene	<14		170	14	ug/Kg	☼	02/13/13 14:15	02/22/13 05:15	50
2,2-Dichloropropane	<26		83	26	ug/Kg	☼	02/13/13 14:15	02/22/13 05:15	50
2-Chlorotoluene	<17		83	17	ug/Kg	☼	02/13/13 14:15	02/22/13 05:15	50
4-Chlorotoluene	<16		83	16	ug/Kg	☼	02/13/13 14:15	02/22/13 05:15	50
Benzene	<6.2		21	6.2	ug/Kg	☼	02/13/13 14:15	02/22/13 05:15	50
Bromobenzene	<35		170	35	ug/Kg	☼	02/13/13 14:15	02/22/13 05:15	50
Bromochloromethane	<31		170	31	ug/Kg	☼	02/13/13 14:15	02/22/13 05:15	50
Bromodichloromethane	<28		170	28	ug/Kg	☼	02/13/13 14:15	02/22/13 05:15	50
Bromoform	<37		170	37	ug/Kg	☼	02/13/13 14:15	02/22/13 05:15	50
Bromomethane	<57		170	57	ug/Kg	☼	02/13/13 14:15	02/22/13 05:15	50
Carbon tetrachloride	<21		83	21	ug/Kg	☼	02/13/13 14:15	02/22/13 05:15	50
Chlorobenzene	<12		83	12	ug/Kg	☼	02/13/13 14:15	02/22/13 05:15	50
Chloroethane	<36		170	36	ug/Kg	☼	02/13/13 14:15	02/22/13 05:15	50
Chloroform	<17		83	17	ug/Kg	☼	02/13/13 14:15	02/22/13 05:15	50
Chloromethane	<38		170	38	ug/Kg	☼	02/13/13 14:15	02/22/13 05:15	50
cis-1,2-Dichloroethene	<10		83	10	ug/Kg	☼	02/13/13 14:15	02/22/13 05:15	50
cis-1,3-Dichloropropene	<15		83	15	ug/Kg	☼	02/13/13 14:15	02/22/13 05:15	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54673-1

Client Sample ID: B-52 15'

Lab Sample ID: 500-54673-8

Date Collected: 02/13/13 14:15

Matrix: Solid

Date Received: 02/19/13 10:20

Percent Solids: 82.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromochloromethane	<29		170	29	ug/Kg	☼	02/13/13 14:15	02/22/13 05:15	50
Dibromomethane	<40		170	40	ug/Kg	☼	02/13/13 14:15	02/22/13 05:15	50
Dichlorodifluoromethane	<43		170	43	ug/Kg	☼	02/13/13 14:15	02/22/13 05:15	50
Ethylbenzene	<10		21	10	ug/Kg	☼	02/13/13 14:15	02/22/13 05:15	50
Hexachlorobutadiene	<29		170	29	ug/Kg	☼	02/13/13 14:15	02/22/13 05:15	50
Isopropyl ether	<12		170	12	ug/Kg	☼	02/13/13 14:15	02/22/13 05:15	50
Isopropylbenzene	<21		170	21	ug/Kg	☼	02/13/13 14:15	02/22/13 05:15	50
Methyl tert-butyl ether	<36		170	36	ug/Kg	☼	02/13/13 14:15	02/22/13 05:15	50
Methylene Chloride	<57		420	57	ug/Kg	☼	02/13/13 14:15	02/22/13 05:15	50
Naphthalene	<41		170	41	ug/Kg	☼	02/13/13 14:15	02/22/13 05:15	50
n-Butylbenzene	<11		83	11	ug/Kg	☼	02/13/13 14:15	02/22/13 05:15	50
N-Propylbenzene	<15		170	15	ug/Kg	☼	02/13/13 14:15	02/22/13 05:15	50
p-Isopropyltoluene	<15		170	15	ug/Kg	☼	02/13/13 14:15	02/22/13 05:15	50
sec-Butylbenzene	<13		83	13	ug/Kg	☼	02/13/13 14:15	02/22/13 05:15	50
Styrene	<8.2		83	8.2	ug/Kg	☼	02/13/13 14:15	02/22/13 05:15	50
tert-Butylbenzene	<11		83	11	ug/Kg	☼	02/13/13 14:15	02/22/13 05:15	50
Tetrachloroethene	<14		83	14	ug/Kg	☼	02/13/13 14:15	02/22/13 05:15	50
Toluene	<9.6		21	9.6	ug/Kg	☼	02/13/13 14:15	02/22/13 05:15	50
trans-1,2-Dichloroethene	<21		83	21	ug/Kg	☼	02/13/13 14:15	02/22/13 05:15	50
trans-1,3-Dichloropropene	<17		83	17	ug/Kg	☼	02/13/13 14:15	02/22/13 05:15	50
Trichloroethene	<15		42	15	ug/Kg	☼	02/13/13 14:15	02/22/13 05:15	50
Trichlorofluoromethane	<35		170	35	ug/Kg	☼	02/13/13 14:15	02/22/13 05:15	50
Vinyl chloride	<8.7		21	8.7	ug/Kg	☼	02/13/13 14:15	02/22/13 05:15	50
Xylenes, Total	<5.7		42	5.7	ug/Kg	☼	02/13/13 14:15	02/22/13 05:15	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		75 - 125	02/13/13 14:15	02/22/13 05:15	50
4-Bromofluorobenzene (Surr)	96		75 - 120	02/13/13 14:15	02/22/13 05:15	50
Dibromofluoromethane	105		75 - 120	02/13/13 14:15	02/22/13 05:15	50
Toluene-d8 (Surr)	103		75 - 120	02/13/13 14:15	02/22/13 05:15	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<20		39	20	ug/Kg	☼	02/19/13 17:14	02/28/13 17:04	1
2-Methylnaphthalene	<51		200	51	ug/Kg	☼	02/19/13 17:14	02/28/13 17:04	1
Acenaphthene	<12		39	12	ug/Kg	☼	02/19/13 17:14	02/28/13 17:04	1
Acenaphthylene	<9.0		39	9.0	ug/Kg	☼	02/19/13 17:14	02/28/13 17:04	1
Anthracene	<9.2		39	9.2	ug/Kg	☼	02/19/13 17:14	02/28/13 17:04	1
Benzo[a]anthracene	<8.2		39	8.2	ug/Kg	☼	02/19/13 17:14	02/28/13 17:04	1
Benzo[a]pyrene	<7.2		39	7.2	ug/Kg	☼	02/19/13 17:14	02/28/13 17:04	1
Benzo[b]fluoranthene	<7.6		39	7.6	ug/Kg	☼	02/19/13 17:14	02/28/13 17:04	1
Benzo[g,h,i]perylene	<13		39	13	ug/Kg	☼	02/19/13 17:14	02/28/13 17:04	1
Benzo[k]fluoranthene	<9.4		39	9.4	ug/Kg	☼	02/19/13 17:14	02/28/13 17:04	1
Chrysene	13	J	39	8.9	ug/Kg	☼	02/19/13 17:14	02/28/13 17:04	1
Dibenz(a,h)anthracene	<11		39	11	ug/Kg	☼	02/19/13 17:14	02/28/13 17:04	1
Fluoranthene	<16		39	16	ug/Kg	☼	02/19/13 17:14	02/28/13 17:04	1
Fluorene	<8.9		39	8.9	ug/Kg	☼	02/19/13 17:14	02/28/13 17:04	1
Indeno[1,2,3-cd]pyrene	<13		39	13	ug/Kg	☼	02/19/13 17:14	02/28/13 17:04	1
Naphthalene	<7.6		39	7.6	ug/Kg	☼	02/19/13 17:14	02/28/13 17:04	1
Phenanthrene	<16		39	16	ug/Kg	☼	02/19/13 17:14	02/28/13 17:04	1

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Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54673-1

Client Sample ID: B-52 15'

Lab Sample ID: 500-54673-8

Date Collected: 02/13/13 14:15

Matrix: Solid

Date Received: 02/19/13 10:20

Percent Solids: 82.6

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pyrene	<14		39	14	ug/Kg	☼	02/19/13 17:14	02/28/13 17:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	61		30 - 119				02/19/13 17:14	02/28/13 17:04	1
Nitrobenzene-d5 (Surr)	43		30 - 115				02/19/13 17:14	02/28/13 17:04	1
Terphenyl-d14 (Surr)	74		36 - 134				02/19/13 17:14	02/28/13 17:04	1

Client Sample ID: B-54 0-2'

Lab Sample ID: 500-54673-9

Date Collected: 02/13/13 14:35

Matrix: Solid

Date Received: 02/19/13 10:20

Percent Solids: 88.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<29		170	29	ug/Kg	☼	02/13/13 14:35	02/22/13 05:41	50
1,1,1-Trichloroethane	<17		85	17	ug/Kg	☼	02/13/13 14:35	02/22/13 05:41	50
1,1,2,2-Tetrachloroethane	<20		85	20	ug/Kg	☼	02/13/13 14:35	02/22/13 05:41	50
1,1,2-Trichloroethane	<24		85	24	ug/Kg	☼	02/13/13 14:35	02/22/13 05:41	50
1,1-Dichloroethane	<16		85	16	ug/Kg	☼	02/13/13 14:35	02/22/13 05:41	50
1,1-Dichloroethene	<26		85	26	ug/Kg	☼	02/13/13 14:35	02/22/13 05:41	50
1,1-Dichloropropene	<29		85	29	ug/Kg	☼	02/13/13 14:35	02/22/13 05:41	50
1,2,3-Trichlorobenzene	<30		170	30	ug/Kg	☼	02/13/13 14:35	02/22/13 05:41	50
1,2,3-Trichloropropane	<49		170	49	ug/Kg	☼	02/13/13 14:35	02/22/13 05:41	50
1,2,4-Trichlorobenzene	<32		170	32	ug/Kg	☼	02/13/13 14:35	02/22/13 05:41	50
1,2,4-Trimethylbenzene	<18		170	18	ug/Kg	☼	02/13/13 14:35	02/22/13 05:41	50
1,2-Dibromo-3-Chloropropane	<74		170	74	ug/Kg	☼	02/13/13 14:35	02/22/13 05:41	50
1,2-Dibromoethane	<27		170	27	ug/Kg	☼	02/13/13 14:35	02/22/13 05:41	50
1,2-Dichlorobenzene	<17		170	17	ug/Kg	☼	02/13/13 14:35	02/22/13 05:41	50
1,2-Dichloroethane	<24		85	24	ug/Kg	☼	02/13/13 14:35	02/22/13 05:41	50
1,2-Dichloropropane	<17		85	17	ug/Kg	☼	02/13/13 14:35	02/22/13 05:41	50
1,3,5-Trimethylbenzene	<17		170	17	ug/Kg	☼	02/13/13 14:35	02/22/13 05:41	50
1,3-Dichlorobenzene	<22		170	22	ug/Kg	☼	02/13/13 14:35	02/22/13 05:41	50
1,3-Dichloropropane	<11		85	11	ug/Kg	☼	02/13/13 14:35	02/22/13 05:41	50
1,4-Dichlorobenzene	<15		170	15	ug/Kg	☼	02/13/13 14:35	02/22/13 05:41	50
2,2-Dichloropropane	<27		85	27	ug/Kg	☼	02/13/13 14:35	02/22/13 05:41	50
2-Chlorotoluene	<18		85	18	ug/Kg	☼	02/13/13 14:35	02/22/13 05:41	50
4-Chlorotoluene	<17		85	17	ug/Kg	☼	02/13/13 14:35	02/22/13 05:41	50
Benzene	<6.3		21	6.3	ug/Kg	☼	02/13/13 14:35	02/22/13 05:41	50
Bromobenzene	<36		170	36	ug/Kg	☼	02/13/13 14:35	02/22/13 05:41	50
Bromochloromethane	<32		170	32	ug/Kg	☼	02/13/13 14:35	02/22/13 05:41	50
Bromodichloromethane	<29		170	29	ug/Kg	☼	02/13/13 14:35	02/22/13 05:41	50
Bromoform	<37		170	37	ug/Kg	☼	02/13/13 14:35	02/22/13 05:41	50
Bromomethane	<58		170	58	ug/Kg	☼	02/13/13 14:35	02/22/13 05:41	50
Carbon tetrachloride	<22		85	22	ug/Kg	☼	02/13/13 14:35	02/22/13 05:41	50
Chlorobenzene	<12		85	12	ug/Kg	☼	02/13/13 14:35	02/22/13 05:41	50
Chloroethane	<37		170	37	ug/Kg	☼	02/13/13 14:35	02/22/13 05:41	50
Chloroform	<17		85	17	ug/Kg	☼	02/13/13 14:35	02/22/13 05:41	50
Chloromethane	<39		170	39	ug/Kg	☼	02/13/13 14:35	02/22/13 05:41	50
cis-1,2-Dichloroethene	<10		85	10	ug/Kg	☼	02/13/13 14:35	02/22/13 05:41	50
cis-1,3-Dichloropropene	<15		85	15	ug/Kg	☼	02/13/13 14:35	02/22/13 05:41	50
Dibromochloromethane	<29		170	29	ug/Kg	☼	02/13/13 14:35	02/22/13 05:41	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54673-1

Client Sample ID: B-54 0-2'

Lab Sample ID: 500-54673-9

Date Collected: 02/13/13 14:35

Matrix: Solid

Date Received: 02/19/13 10:20

Percent Solids: 88.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromomethane	<41		170	41	ug/Kg	☼	02/13/13 14:35	02/22/13 05:41	50
Dichlorodifluoromethane	<43		170	43	ug/Kg	☼	02/13/13 14:35	02/22/13 05:41	50
Ethylbenzene	<11		21	11	ug/Kg	☼	02/13/13 14:35	02/22/13 05:41	50
Hexachlorobutadiene	<29		170	29	ug/Kg	☼	02/13/13 14:35	02/22/13 05:41	50
Isopropyl ether	<12		170	12	ug/Kg	☼	02/13/13 14:35	02/22/13 05:41	50
Isopropylbenzene	<21		170	21	ug/Kg	☼	02/13/13 14:35	02/22/13 05:41	50
Methyl tert-butyl ether	<36		170	36	ug/Kg	☼	02/13/13 14:35	02/22/13 05:41	50
Methylene Chloride	<58		420	58	ug/Kg	☼	02/13/13 14:35	02/22/13 05:41	50
Naphthalene	<42		170	42	ug/Kg	☼	02/13/13 14:35	02/22/13 05:41	50
n-Butylbenzene	<11		85	11	ug/Kg	☼	02/13/13 14:35	02/22/13 05:41	50
N-Propylbenzene	<15		170	15	ug/Kg	☼	02/13/13 14:35	02/22/13 05:41	50
p-Isopropyltoluene	<16		170	16	ug/Kg	☼	02/13/13 14:35	02/22/13 05:41	50
sec-Butylbenzene	<13		85	13	ug/Kg	☼	02/13/13 14:35	02/22/13 05:41	50
Styrene	<8.4		85	8.4	ug/Kg	☼	02/13/13 14:35	02/22/13 05:41	50
tert-Butylbenzene	<12		85	12	ug/Kg	☼	02/13/13 14:35	02/22/13 05:41	50
Tetrachloroethene	<14		85	14	ug/Kg	☼	02/13/13 14:35	02/22/13 05:41	50
Toluene	<9.7		21	9.7	ug/Kg	☼	02/13/13 14:35	02/22/13 05:41	50
trans-1,2-Dichloroethene	<21		85	21	ug/Kg	☼	02/13/13 14:35	02/22/13 05:41	50
trans-1,3-Dichloropropene	<18		85	18	ug/Kg	☼	02/13/13 14:35	02/22/13 05:41	50
Trichloroethene	<16		42	16	ug/Kg	☼	02/13/13 14:35	02/22/13 05:41	50
Trichlorofluoromethane	<35		170	35	ug/Kg	☼	02/13/13 14:35	02/22/13 05:41	50
Vinyl chloride	<8.8		21	8.8	ug/Kg	☼	02/13/13 14:35	02/22/13 05:41	50
Xylenes, Total	<5.8		42	5.8	ug/Kg	☼	02/13/13 14:35	02/22/13 05:41	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		75 - 125	02/13/13 14:35	02/22/13 05:41	50
4-Bromofluorobenzene (Surr)	97		75 - 120	02/13/13 14:35	02/22/13 05:41	50
Dibromofluoromethane	97		75 - 120	02/13/13 14:35	02/22/13 05:41	50
Toluene-d8 (Surr)	100		75 - 120	02/13/13 14:35	02/22/13 05:41	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<18		36	18	ug/Kg	☼	02/19/13 17:14	02/28/13 21:53	1
2-Methylnaphthalene	<47		180	47	ug/Kg	☼	02/19/13 17:14	02/28/13 21:53	1
Acenaphthene	<11		36	11	ug/Kg	☼	02/19/13 17:14	02/28/13 21:53	1
Acenaphthylene	<8.4		36	8.4	ug/Kg	☼	02/19/13 17:14	02/28/13 21:53	1
Anthracene	<8.6		36	8.6	ug/Kg	☼	02/19/13 17:14	02/28/13 21:53	1
Benzo[a]anthracene	51		36	7.6	ug/Kg	☼	02/19/13 17:14	02/28/13 21:53	1
Benzo[a]pyrene	69		36	6.6	ug/Kg	☼	02/19/13 17:14	02/28/13 21:53	1
Benzo[b]fluoranthene	89		36	7.1	ug/Kg	☼	02/19/13 17:14	02/28/13 21:53	1
Benzo[g,h,i]perylene	47		36	12	ug/Kg	☼	02/19/13 17:14	02/28/13 21:53	1
Benzo[k]fluoranthene	34	J	36	8.7	ug/Kg	☼	02/19/13 17:14	02/28/13 21:53	1
Chrysene	65		36	8.2	ug/Kg	☼	02/19/13 17:14	02/28/13 21:53	1
Dibenz(a,h)anthracene	15	J	36	10	ug/Kg	☼	02/19/13 17:14	02/28/13 21:53	1
Fluoranthene	79		36	15	ug/Kg	☼	02/19/13 17:14	02/28/13 21:53	1
Fluorene	<8.3		36	8.3	ug/Kg	☼	02/19/13 17:14	02/28/13 21:53	1
Indeno[1,2,3-cd]pyrene	43		36	12	ug/Kg	☼	02/19/13 17:14	02/28/13 21:53	1
Naphthalene	<7.0		36	7.0	ug/Kg	☼	02/19/13 17:14	02/28/13 21:53	1
Phenanthrene	16	J	36	15	ug/Kg	☼	02/19/13 17:14	02/28/13 21:53	1
Pyrene	70		36	13	ug/Kg	☼	02/19/13 17:14	02/28/13 21:53	1

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54673-1

Client Sample ID: B-54 0-2'

Lab Sample ID: 500-54673-9

Date Collected: 02/13/13 14:35

Matrix: Solid

Date Received: 02/19/13 10:20

Percent Solids: 88.0

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	76		30 - 119	02/19/13 17:14	02/28/13 21:53	1
Nitrobenzene-d5 (Surr)	56		30 - 115	02/19/13 17:14	02/28/13 21:53	1
Terphenyl-d14 (Surr)	83		36 - 134	02/19/13 17:14	02/28/13 21:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<6.6		19	6.6	ug/Kg	☼	02/19/13 17:17	02/20/13 03:17	1
PCB-1221	<8.2		19	8.2	ug/Kg	☼	02/19/13 17:17	02/20/13 03:17	1
PCB-1232	<8.1		19	8.1	ug/Kg	☼	02/19/13 17:17	02/20/13 03:17	1
PCB-1242	<6.1		19	6.1	ug/Kg	☼	02/19/13 17:17	02/20/13 03:17	1
PCB-1248	<7.3		19	7.3	ug/Kg	☼	02/19/13 17:17	02/20/13 03:17	1
PCB-1254	12	J	19	4.0	ug/Kg	☼	02/19/13 17:17	02/20/13 03:17	1
PCB-1260	<9.1		19	9.1	ug/Kg	☼	02/19/13 17:17	02/20/13 03:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	84		50 - 116	02/19/13 17:17	02/20/13 03:17	1
DCB Decachlorobiphenyl	88		48 - 142	02/19/13 17:17	02/20/13 03:17	1

Client Sample ID: B-54 10-12'

Lab Sample ID: 500-54673-10

Date Collected: 02/13/13 14:40

Matrix: Solid

Date Received: 02/19/13 10:20

Percent Solids: 85.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<28		160	28	ug/Kg	☼	02/13/13 14:40	02/22/13 06:08	50
1,1,1-Trichloroethane	<16		80	16	ug/Kg	☼	02/13/13 14:40	02/22/13 06:08	50
1,1,2,2-Tetrachloroethane	<19		80	19	ug/Kg	☼	02/13/13 14:40	02/22/13 06:08	50
1,1,2-Trichloroethane	<22		80	22	ug/Kg	☼	02/13/13 14:40	02/22/13 06:08	50
1,1-Dichloroethane	<15		80	15	ug/Kg	☼	02/13/13 14:40	02/22/13 06:08	50
1,1-Dichloroethene	<25		80	25	ug/Kg	☼	02/13/13 14:40	02/22/13 06:08	50
1,1-Dichloropropene	<28		80	28	ug/Kg	☼	02/13/13 14:40	02/22/13 06:08	50
1,2,3-Trichlorobenzene	<28		160	28	ug/Kg	☼	02/13/13 14:40	02/22/13 06:08	50
1,2,3-Trichloropropane	<46		160	46	ug/Kg	☼	02/13/13 14:40	02/22/13 06:08	50
1,2,4-Trichlorobenzene	<30		160	30	ug/Kg	☼	02/13/13 14:40	02/22/13 06:08	50
1,2,4-Trimethylbenzene	<17		160	17	ug/Kg	☼	02/13/13 14:40	02/22/13 06:08	50
1,2-Dibromo-3-Chloropropane	<70		160	70	ug/Kg	☼	02/13/13 14:40	02/22/13 06:08	50
1,2-Dibromoethane	<25		160	25	ug/Kg	☼	02/13/13 14:40	02/22/13 06:08	50
1,2-Dichlorobenzene	<16		160	16	ug/Kg	☼	02/13/13 14:40	02/22/13 06:08	50
1,2-Dichloroethane	<23		80	23	ug/Kg	☼	02/13/13 14:40	02/22/13 06:08	50
1,2-Dichloropropane	<16		80	16	ug/Kg	☼	02/13/13 14:40	02/22/13 06:08	50
1,3,5-Trimethylbenzene	<16		160	16	ug/Kg	☼	02/13/13 14:40	02/22/13 06:08	50
1,3-Dichlorobenzene	<21		160	21	ug/Kg	☼	02/13/13 14:40	02/22/13 06:08	50
1,3-Dichloropropane	<11		80	11	ug/Kg	☼	02/13/13 14:40	02/22/13 06:08	50
1,4-Dichlorobenzene	<14		160	14	ug/Kg	☼	02/13/13 14:40	02/22/13 06:08	50
2,2-Dichloropropane	<25		80	25	ug/Kg	☼	02/13/13 14:40	02/22/13 06:08	50
2-Chlorotoluene	<17		80	17	ug/Kg	☼	02/13/13 14:40	02/22/13 06:08	50
4-Chlorotoluene	<16		80	16	ug/Kg	☼	02/13/13 14:40	02/22/13 06:08	50
Benzene	<5.9		20	5.9	ug/Kg	☼	02/13/13 14:40	02/22/13 06:08	50
Bromobenzene	<34		160	34	ug/Kg	☼	02/13/13 14:40	02/22/13 06:08	50
Bromochloromethane	<30		160	30	ug/Kg	☼	02/13/13 14:40	02/22/13 06:08	50
Bromodichloromethane	<27		160	27	ug/Kg	☼	02/13/13 14:40	02/22/13 06:08	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54673-1

Client Sample ID: B-54 10-12'

Lab Sample ID: 500-54673-10

Date Collected: 02/13/13 14:40

Matrix: Solid

Date Received: 02/19/13 10:20

Percent Solids: 85.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	<35		160	35	ug/Kg	☼	02/13/13 14:40	02/22/13 06:08	50
Bromomethane	<55		160	55	ug/Kg	☼	02/13/13 14:40	02/22/13 06:08	50
Carbon tetrachloride	<21		80	21	ug/Kg	☼	02/13/13 14:40	02/22/13 06:08	50
Chlorobenzene	<11		80	11	ug/Kg	☼	02/13/13 14:40	02/22/13 06:08	50
Chloroethane	<35		160	35	ug/Kg	☼	02/13/13 14:40	02/22/13 06:08	50
Chloroform	<16		80	16	ug/Kg	☼	02/13/13 14:40	02/22/13 06:08	50
Chloromethane	<37		160	37	ug/Kg	☼	02/13/13 14:40	02/22/13 06:08	50
cis-1,2-Dichloroethene	<9.8		80	9.8	ug/Kg	☼	02/13/13 14:40	02/22/13 06:08	50
cis-1,3-Dichloropropene	<14		80	14	ug/Kg	☼	02/13/13 14:40	02/22/13 06:08	50
Dibromochloromethane	<28		160	28	ug/Kg	☼	02/13/13 14:40	02/22/13 06:08	50
Dibromomethane	<38		160	38	ug/Kg	☼	02/13/13 14:40	02/22/13 06:08	50
Dichlorodifluoromethane	<41		160	41	ug/Kg	☼	02/13/13 14:40	02/22/13 06:08	50
Ethylbenzene	<10		20	10	ug/Kg	☼	02/13/13 14:40	02/22/13 06:08	50
Hexachlorobutadiene	<28		160	28	ug/Kg	☼	02/13/13 14:40	02/22/13 06:08	50
Isopropyl ether	<12		160	12	ug/Kg	☼	02/13/13 14:40	02/22/13 06:08	50
Isopropylbenzene	<20		160	20	ug/Kg	☼	02/13/13 14:40	02/22/13 06:08	50
Methyl tert-butyl ether	<34		160	34	ug/Kg	☼	02/13/13 14:40	02/22/13 06:08	50
Methylene Chloride	<55		400	55	ug/Kg	☼	02/13/13 14:40	02/22/13 06:08	50
Naphthalene	<40		160	40	ug/Kg	☼	02/13/13 14:40	02/22/13 06:08	50
n-Butylbenzene	<10		80	10	ug/Kg	☼	02/13/13 14:40	02/22/13 06:08	50
N-Propylbenzene	<14		160	14	ug/Kg	☼	02/13/13 14:40	02/22/13 06:08	50
p-Isopropyltoluene	<15		160	15	ug/Kg	☼	02/13/13 14:40	02/22/13 06:08	50
sec-Butylbenzene	<12		80	12	ug/Kg	☼	02/13/13 14:40	02/22/13 06:08	50
Styrene	<7.9		80	7.9	ug/Kg	☼	02/13/13 14:40	02/22/13 06:08	50
tert-Butylbenzene	<11		80	11	ug/Kg	☼	02/13/13 14:40	02/22/13 06:08	50
Tetrachloroethene	<13		80	13	ug/Kg	☼	02/13/13 14:40	02/22/13 06:08	50
Toluene	<9.2		20	9.2	ug/Kg	☼	02/13/13 14:40	02/22/13 06:08	50
trans-1,2-Dichloroethene	<20		80	20	ug/Kg	☼	02/13/13 14:40	02/22/13 06:08	50
trans-1,3-Dichloropropene	<17		80	17	ug/Kg	☼	02/13/13 14:40	02/22/13 06:08	50
Trichloroethene	<15		40	15	ug/Kg	☼	02/13/13 14:40	02/22/13 06:08	50
Trichlorofluoromethane	<33		160	33	ug/Kg	☼	02/13/13 14:40	02/22/13 06:08	50
Vinyl chloride	<8.3		20	8.3	ug/Kg	☼	02/13/13 14:40	02/22/13 06:08	50
Xylenes, Total	<5.5		40	5.5	ug/Kg	☼	02/13/13 14:40	02/22/13 06:08	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94		75 - 125	02/13/13 14:40	02/22/13 06:08	50
4-Bromofluorobenzene (Surr)	94		75 - 120	02/13/13 14:40	02/22/13 06:08	50
Dibromofluoromethane	99		75 - 120	02/13/13 14:40	02/22/13 06:08	50
Toluene-d8 (Surr)	99		75 - 120	02/13/13 14:40	02/22/13 06:08	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<19		37	19	ug/Kg	☼	02/19/13 17:14	02/28/13 22:13	1
2-Methylnaphthalene	<49		190	49	ug/Kg	☼	02/19/13 17:14	02/28/13 22:13	1
Acenaphthene	<11		37	11	ug/Kg	☼	02/19/13 17:14	02/28/13 22:13	1
Acenaphthylene	<8.6		37	8.6	ug/Kg	☼	02/19/13 17:14	02/28/13 22:13	1
Anthracene	<8.9		37	8.9	ug/Kg	☼	02/19/13 17:14	02/28/13 22:13	1
Benzo[a]anthracene	<7.9		37	7.9	ug/Kg	☼	02/19/13 17:14	02/28/13 22:13	1
Benzo[a]pyrene	<6.9		37	6.9	ug/Kg	☼	02/19/13 17:14	02/28/13 22:13	1
Benzo[b]fluoranthene	<7.3		37	7.3	ug/Kg	☼	02/19/13 17:14	02/28/13 22:13	1

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54673-1

Client Sample ID: B-54 10-12'

Lab Sample ID: 500-54673-10

Date Collected: 02/13/13 14:40

Matrix: Solid

Date Received: 02/19/13 10:20

Percent Solids: 85.3

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[g,h,i]perylene	<13		37	13	ug/Kg	☼	02/19/13 17:14	02/28/13 22:13	1
Benzo[k]fluoranthene	<9.0		37	9.0	ug/Kg	☼	02/19/13 17:14	02/28/13 22:13	1
Chrysene	8.7	J	37	8.5	ug/Kg	☼	02/19/13 17:14	02/28/13 22:13	1
Dibenz[a,h]anthracene	<11		37	11	ug/Kg	☼	02/19/13 17:14	02/28/13 22:13	1
Fluoranthene	<15		37	15	ug/Kg	☼	02/19/13 17:14	02/28/13 22:13	1
Fluorene	<8.6		37	8.6	ug/Kg	☼	02/19/13 17:14	02/28/13 22:13	1
Indeno[1,2,3-cd]pyrene	<13		37	13	ug/Kg	☼	02/19/13 17:14	02/28/13 22:13	1
Naphthalene	<7.3		37	7.3	ug/Kg	☼	02/19/13 17:14	02/28/13 22:13	1
Phenanthrene	<16		37	16	ug/Kg	☼	02/19/13 17:14	02/28/13 22:13	1
Pyrene	<14		37	14	ug/Kg	☼	02/19/13 17:14	02/28/13 22:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	63		30 - 119				02/19/13 17:14	02/28/13 22:13	1
Nitrobenzene-d5 (Surr)	46		30 - 115				02/19/13 17:14	02/28/13 22:13	1
Terphenyl-d14 (Surr)	72		36 - 134				02/19/13 17:14	02/28/13 22:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<6.8		19	6.8	ug/Kg	☼	02/19/13 17:17	02/20/13 03:32	1
PCB-1221	<8.4		19	8.4	ug/Kg	☼	02/19/13 17:17	02/20/13 03:32	1
PCB-1232	<8.3		19	8.3	ug/Kg	☼	02/19/13 17:17	02/20/13 03:32	1
PCB-1242	<6.3		19	6.3	ug/Kg	☼	02/19/13 17:17	02/20/13 03:32	1
PCB-1248	<7.5		19	7.5	ug/Kg	☼	02/19/13 17:17	02/20/13 03:32	1
PCB-1254	<4.1		19	4.1	ug/Kg	☼	02/19/13 17:17	02/20/13 03:32	1
PCB-1260	<9.4		19	9.4	ug/Kg	☼	02/19/13 17:17	02/20/13 03:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	74		50 - 116				02/19/13 17:17	02/20/13 03:32	1
DCB Decachlorobiphenyl	79		48 - 142				02/19/13 17:17	02/20/13 03:32	1

Client Sample ID: B-54 15'

Lab Sample ID: 500-54673-11

Date Collected: 02/13/13 14:45

Matrix: Solid

Date Received: 02/19/13 10:20

Percent Solids: 88.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<26		150	26	ug/Kg	☼	02/13/13 14:45	02/22/13 06:34	50
1,1,1-Trichloroethane	<15		75	15	ug/Kg	☼	02/13/13 14:45	02/22/13 06:34	50
1,1,2,2-Tetrachloroethane	<18		75	18	ug/Kg	☼	02/13/13 14:45	02/22/13 06:34	50
1,1,2-Trichloroethane	<21		75	21	ug/Kg	☼	02/13/13 14:45	02/22/13 06:34	50
1,1-Dichloroethane	<14		75	14	ug/Kg	☼	02/13/13 14:45	02/22/13 06:34	50
1,1-Dichloroethene	<23		75	23	ug/Kg	☼	02/13/13 14:45	02/22/13 06:34	50
1,1-Dichloropropene	<26		75	26	ug/Kg	☼	02/13/13 14:45	02/22/13 06:34	50
1,2,3-Trichlorobenzene	<26		150	26	ug/Kg	☼	02/13/13 14:45	02/22/13 06:34	50
1,2,3-Trichloropropane	<43		150	43	ug/Kg	☼	02/13/13 14:45	02/22/13 06:34	50
1,2,4-Trichlorobenzene	<28		150	28	ug/Kg	☼	02/13/13 14:45	02/22/13 06:34	50
1,2,4-Trimethylbenzene	<16		150	16	ug/Kg	☼	02/13/13 14:45	02/22/13 06:34	50
1,2-Dibromo-3-Chloropropane	<65		150	65	ug/Kg	☼	02/13/13 14:45	02/22/13 06:34	50
1,2-Dibromoethane	<24		150	24	ug/Kg	☼	02/13/13 14:45	02/22/13 06:34	50
1,2-Dichlorobenzene	<15		150	15	ug/Kg	☼	02/13/13 14:45	02/22/13 06:34	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54673-1

Client Sample ID: B-54 15'

Lab Sample ID: 500-54673-11

Date Collected: 02/13/13 14:45

Matrix: Solid

Date Received: 02/19/13 10:20

Percent Solids: 88.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	<21		75	21	ug/Kg	☼	02/13/13 14:45	02/22/13 06:34	50
1,2-Dichloropropane	<15		75	15	ug/Kg	☼	02/13/13 14:45	02/22/13 06:34	50
1,3,5-Trimethylbenzene	<15		150	15	ug/Kg	☼	02/13/13 14:45	02/22/13 06:34	50
1,3-Dichlorobenzene	<19		150	19	ug/Kg	☼	02/13/13 14:45	02/22/13 06:34	50
1,3-Dichloropropane	<10		75	10	ug/Kg	☼	02/13/13 14:45	02/22/13 06:34	50
1,4-Dichlorobenzene	<13		150	13	ug/Kg	☼	02/13/13 14:45	02/22/13 06:34	50
2,2-Dichloropropane	<24		75	24	ug/Kg	☼	02/13/13 14:45	02/22/13 06:34	50
2-Chlorotoluene	<16		75	16	ug/Kg	☼	02/13/13 14:45	02/22/13 06:34	50
4-Chlorotoluene	<15		75	15	ug/Kg	☼	02/13/13 14:45	02/22/13 06:34	50
Benzene	<5.6		19	5.6	ug/Kg	☼	02/13/13 14:45	02/22/13 06:34	50
Bromobenzene	<32		150	32	ug/Kg	☼	02/13/13 14:45	02/22/13 06:34	50
Bromochloromethane	<28		150	28	ug/Kg	☼	02/13/13 14:45	02/22/13 06:34	50
Bromodichloromethane	<25		150	25	ug/Kg	☼	02/13/13 14:45	02/22/13 06:34	50
Bromoform	<33		150	33	ug/Kg	☼	02/13/13 14:45	02/22/13 06:34	50
Bromomethane	<51		150	51	ug/Kg	☼	02/13/13 14:45	02/22/13 06:34	50
Carbon tetrachloride	<19		75	19	ug/Kg	☼	02/13/13 14:45	02/22/13 06:34	50
Chlorobenzene	<11		75	11	ug/Kg	☼	02/13/13 14:45	02/22/13 06:34	50
Chloroethane	<33		150	33	ug/Kg	☼	02/13/13 14:45	02/22/13 06:34	50
Chloroform	<15		75	15	ug/Kg	☼	02/13/13 14:45	02/22/13 06:34	50
Chloromethane	<35		150	35	ug/Kg	☼	02/13/13 14:45	02/22/13 06:34	50
cis-1,2-Dichloroethene	<9.2		75	9.2	ug/Kg	☼	02/13/13 14:45	02/22/13 06:34	50
cis-1,3-Dichloropropene	<13		75	13	ug/Kg	☼	02/13/13 14:45	02/22/13 06:34	50
Dibromochloromethane	<26		150	26	ug/Kg	☼	02/13/13 14:45	02/22/13 06:34	50
Dibromomethane	<36		150	36	ug/Kg	☼	02/13/13 14:45	02/22/13 06:34	50
Dichlorodifluoromethane	<39		150	39	ug/Kg	☼	02/13/13 14:45	02/22/13 06:34	50
Ethylbenzene	<9.5		19	9.5	ug/Kg	☼	02/13/13 14:45	02/22/13 06:34	50
Hexachlorobutadiene	<26		150	26	ug/Kg	☼	02/13/13 14:45	02/22/13 06:34	50
Isopropyl ether	<11		150	11	ug/Kg	☼	02/13/13 14:45	02/22/13 06:34	50
Isopropylbenzene	<19		150	19	ug/Kg	☼	02/13/13 14:45	02/22/13 06:34	50
Methyl tert-butyl ether	<32		150	32	ug/Kg	☼	02/13/13 14:45	02/22/13 06:34	50
Methylene Chloride	<51		380	51	ug/Kg	☼	02/13/13 14:45	02/22/13 06:34	50
Naphthalene	<37		150	37	ug/Kg	☼	02/13/13 14:45	02/22/13 06:34	50
n-Butylbenzene	<9.7		75	9.7	ug/Kg	☼	02/13/13 14:45	02/22/13 06:34	50
N-Propylbenzene	<13		150	13	ug/Kg	☼	02/13/13 14:45	02/22/13 06:34	50
p-Isopropyltoluene	<14		150	14	ug/Kg	☼	02/13/13 14:45	02/22/13 06:34	50
sec-Butylbenzene	<12		75	12	ug/Kg	☼	02/13/13 14:45	02/22/13 06:34	50
Styrene	<7.4		75	7.4	ug/Kg	☼	02/13/13 14:45	02/22/13 06:34	50
tert-Butylbenzene	<10		75	10	ug/Kg	☼	02/13/13 14:45	02/22/13 06:34	50
Tetrachloroethene	<13		75	13	ug/Kg	☼	02/13/13 14:45	02/22/13 06:34	50
Toluene	<8.6		19	8.6	ug/Kg	☼	02/13/13 14:45	02/22/13 06:34	50
trans-1,2-Dichloroethene	<19		75	19	ug/Kg	☼	02/13/13 14:45	02/22/13 06:34	50
trans-1,3-Dichloropropene	<16		75	16	ug/Kg	☼	02/13/13 14:45	02/22/13 06:34	50
Trichloroethene	<14		38	14	ug/Kg	☼	02/13/13 14:45	02/22/13 06:34	50
Trichlorofluoromethane	<31		150	31	ug/Kg	☼	02/13/13 14:45	02/22/13 06:34	50
Vinyl chloride	<7.8		19	7.8	ug/Kg	☼	02/13/13 14:45	02/22/13 06:34	50
Xylenes, Total	<5.1		38	5.1	ug/Kg	☼	02/13/13 14:45	02/22/13 06:34	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94		75 - 125	02/13/13 14:45	02/22/13 06:34	50
4-Bromofluorobenzene (Surr)	96		75 - 120	02/13/13 14:45	02/22/13 06:34	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54673-1

Client Sample ID: B-54 15'

Lab Sample ID: 500-54673-11

Date Collected: 02/13/13 14:45

Matrix: Solid

Date Received: 02/19/13 10:20

Percent Solids: 88.2

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane	98		75 - 120	02/13/13 14:45	02/22/13 06:34	50
Toluene-d8 (Surr)	99		75 - 120	02/13/13 14:45	02/22/13 06:34	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	18	J	37	18	ug/Kg	☼	02/19/13 17:14	03/01/13 16:28	1
2-Methylnaphthalene	<48		190	48	ug/Kg	☼	02/19/13 17:14	03/01/13 16:28	1
Acenaphthene	<11		37	11	ug/Kg	☼	02/19/13 17:14	03/01/13 16:28	1
Acenaphthylene	<8.5		37	8.5	ug/Kg	☼	02/19/13 17:14	03/01/13 16:28	1
Anthracene	<8.7		37	8.7	ug/Kg	☼	02/19/13 17:14	03/01/13 16:28	1
Benzo[a]anthracene	<7.7		37	7.7	ug/Kg	☼	02/19/13 17:14	03/01/13 16:28	1
Benzo[a]pyrene	<6.7		37	6.7	ug/Kg	☼	02/19/13 17:14	03/01/13 16:28	1
Benzo[b]fluoranthene	<7.2		37	7.2	ug/Kg	☼	02/19/13 17:14	03/01/13 16:28	1
Benzo[g,h,i]perylene	<12		37	12	ug/Kg	☼	02/19/13 17:14	03/01/13 16:28	1
Benzo[k]fluoranthene	<8.8		37	8.8	ug/Kg	☼	02/19/13 17:14	03/01/13 16:28	1
Chrysene	<8.3		37	8.3	ug/Kg	☼	02/19/13 17:14	03/01/13 16:28	1
Dibenz[a,h]anthracene	<10		37	10	ug/Kg	☼	02/19/13 17:14	03/01/13 16:28	1
Fluoranthene	<15		37	15	ug/Kg	☼	02/19/13 17:14	03/01/13 16:28	1
Fluorene	<8.4		37	8.4	ug/Kg	☼	02/19/13 17:14	03/01/13 16:28	1
Indeno[1,2,3-cd]pyrene	<12		37	12	ug/Kg	☼	02/19/13 17:14	03/01/13 16:28	1
Naphthalene	<7.1		37	7.1	ug/Kg	☼	02/19/13 17:14	03/01/13 16:28	1
Phenanthrene	<15		37	15	ug/Kg	☼	02/19/13 17:14	03/01/13 16:28	1
Pyrene	<13		37	13	ug/Kg	☼	02/19/13 17:14	03/01/13 16:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	80		30 - 119	02/19/13 17:14	03/01/13 16:28	1
Nitrobenzene-d5 (Surr)	61		30 - 115	02/19/13 17:14	03/01/13 16:28	1
Terphenyl-d14 (Surr)	96		36 - 134	02/19/13 17:14	03/01/13 16:28	1

Client Sample ID: B-100 15'

Lab Sample ID: 500-54673-12

Date Collected: 02/13/13 16:10

Matrix: Solid

Date Received: 02/19/13 10:20

Percent Solids: 90.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<27		150	27	ug/Kg	☼	02/13/13 16:10	02/22/13 07:00	50
1,1,1-Trichloroethane	<16		77	16	ug/Kg	☼	02/13/13 16:10	02/22/13 07:00	50
1,1,2,2-Tetrachloroethane	<18		77	18	ug/Kg	☼	02/13/13 16:10	02/22/13 07:00	50
1,1,2-Trichloroethane	<22		77	22	ug/Kg	☼	02/13/13 16:10	02/22/13 07:00	50
1,1-Dichloroethane	<14		77	14	ug/Kg	☼	02/13/13 16:10	02/22/13 07:00	50
1,1-Dichloroethene	<24		77	24	ug/Kg	☼	02/13/13 16:10	02/22/13 07:00	50
1,1-Dichloropropene	<27		77	27	ug/Kg	☼	02/13/13 16:10	02/22/13 07:00	50
1,2,3-Trichlorobenzene	<27		150	27	ug/Kg	☼	02/13/13 16:10	02/22/13 07:00	50
1,2,3-Trichloropropane	<44		150	44	ug/Kg	☼	02/13/13 16:10	02/22/13 07:00	50
1,2,4-Trichlorobenzene	<29		150	29	ug/Kg	☼	02/13/13 16:10	02/22/13 07:00	50
1,2,4-Trimethylbenzene	2600		150	16	ug/Kg	☼	02/13/13 16:10	02/22/13 07:00	50
1,2-Dibromo-3-Chloropropane	<67		150	67	ug/Kg	☼	02/13/13 16:10	02/22/13 07:00	50
1,2-Dibromoethane	<24		150	24	ug/Kg	☼	02/13/13 16:10	02/22/13 07:00	50
1,2-Dichlorobenzene	<16		150	16	ug/Kg	☼	02/13/13 16:10	02/22/13 07:00	50
1,2-Dichloroethane	<22		77	22	ug/Kg	☼	02/13/13 16:10	02/22/13 07:00	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54673-1

Client Sample ID: B-100 15'

Lab Sample ID: 500-54673-12

Date Collected: 02/13/13 16:10

Matrix: Solid

Date Received: 02/19/13 10:20

Percent Solids: 90.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	<15		77	15	ug/Kg	☼	02/13/13 16:10	02/22/13 07:00	50
1,3,5-Trimethylbenzene	1200		150	16	ug/Kg	☼	02/13/13 16:10	02/22/13 07:00	50
1,3-Dichlorobenzene	<20		150	20	ug/Kg	☼	02/13/13 16:10	02/22/13 07:00	50
1,3-Dichloropropane	<10		77	10	ug/Kg	☼	02/13/13 16:10	02/22/13 07:00	50
1,4-Dichlorobenzene	<13		150	13	ug/Kg	☼	02/13/13 16:10	02/22/13 07:00	50
2,2-Dichloropropane	<24		77	24	ug/Kg	☼	02/13/13 16:10	02/22/13 07:00	50
2-Chlorotoluene	130		77	16	ug/Kg	☼	02/13/13 16:10	02/22/13 07:00	50
4-Chlorotoluene	<15		77	15	ug/Kg	☼	02/13/13 16:10	02/22/13 07:00	50
Benzene	<5.7		19	5.7	ug/Kg	☼	02/13/13 16:10	02/22/13 07:00	50
Bromobenzene	<33		150	33	ug/Kg	☼	02/13/13 16:10	02/22/13 07:00	50
Bromochloromethane	<29		150	29	ug/Kg	☼	02/13/13 16:10	02/22/13 07:00	50
Bromodichloromethane	<26		150	26	ug/Kg	☼	02/13/13 16:10	02/22/13 07:00	50
Bromoform	<34		150	34	ug/Kg	☼	02/13/13 16:10	02/22/13 07:00	50
Bromomethane	<53		150	53	ug/Kg	☼	02/13/13 16:10	02/22/13 07:00	50
Carbon tetrachloride	<20		77	20	ug/Kg	☼	02/13/13 16:10	02/22/13 07:00	50
Chlorobenzene	<11		77	11	ug/Kg	☼	02/13/13 16:10	02/22/13 07:00	50
Chloroethane	<34		150	34	ug/Kg	☼	02/13/13 16:10	02/22/13 07:00	50
Chloroform	<16		77	16	ug/Kg	☼	02/13/13 16:10	02/22/13 07:00	50
Chloromethane	<36		150	36	ug/Kg	☼	02/13/13 16:10	02/22/13 07:00	50
cis-1,2-Dichloroethene	<9.5		77	9.5	ug/Kg	☼	02/13/13 16:10	02/22/13 07:00	50
cis-1,3-Dichloropropene	<14		77	14	ug/Kg	☼	02/13/13 16:10	02/22/13 07:00	50
Dibromochloromethane	<27		150	27	ug/Kg	☼	02/13/13 16:10	02/22/13 07:00	50
Dibromomethane	<37		150	37	ug/Kg	☼	02/13/13 16:10	02/22/13 07:00	50
Dichlorodifluoromethane	<40		150	40	ug/Kg	☼	02/13/13 16:10	02/22/13 07:00	50
Ethylbenzene	440		19	9.7	ug/Kg	☼	02/13/13 16:10	02/22/13 07:00	50
Hexachlorobutadiene	<27		150	27	ug/Kg	☼	02/13/13 16:10	02/22/13 07:00	50
Isopropyl ether	<11		150	11	ug/Kg	☼	02/13/13 16:10	02/22/13 07:00	50
Isopropylbenzene	290		150	19	ug/Kg	☼	02/13/13 16:10	02/22/13 07:00	50
Methyl tert-butyl ether	<33		150	33	ug/Kg	☼	02/13/13 16:10	02/22/13 07:00	50
Methylene Chloride	<53		390	53	ug/Kg	☼	02/13/13 16:10	02/22/13 07:00	50
n-Butylbenzene	<10		77	10	ug/Kg	☼	02/13/13 16:10	02/22/13 07:00	50
N-Propylbenzene	170		150	14	ug/Kg	☼	02/13/13 16:10	02/22/13 07:00	50
p-Isopropyltoluene	120 J		150	14	ug/Kg	☼	02/13/13 16:10	02/22/13 07:00	50
sec-Butylbenzene	39 J		77	12	ug/Kg	☼	02/13/13 16:10	02/22/13 07:00	50
Styrene	<7.6		77	7.6	ug/Kg	☼	02/13/13 16:10	02/22/13 07:00	50
tert-Butylbenzene	<11		77	11	ug/Kg	☼	02/13/13 16:10	02/22/13 07:00	50
Tetrachloroethene	<13		77	13	ug/Kg	☼	02/13/13 16:10	02/22/13 07:00	50
Toluene	<8.9		19	8.9	ug/Kg	☼	02/13/13 16:10	02/22/13 07:00	50
trans-1,2-Dichloroethene	<19		77	19	ug/Kg	☼	02/13/13 16:10	02/22/13 07:00	50
trans-1,3-Dichloropropene	<16		77	16	ug/Kg	☼	02/13/13 16:10	02/22/13 07:00	50
Trichloroethene	<14		39	14	ug/Kg	☼	02/13/13 16:10	02/22/13 07:00	50
Trichlorofluoromethane	<32		150	32	ug/Kg	☼	02/13/13 16:10	02/22/13 07:00	50
Vinyl chloride	<8.0		19	8.0	ug/Kg	☼	02/13/13 16:10	02/22/13 07:00	50
Xylenes, Total	630		39	5.3	ug/Kg	☼	02/13/13 16:10	02/22/13 07:00	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		75 - 125				02/13/13 16:10	02/22/13 07:00	50
4-Bromofluorobenzene (Surr)	98		75 - 120				02/13/13 16:10	02/22/13 07:00	50
Dibromofluoromethane	100		75 - 120				02/13/13 16:10	02/22/13 07:00	50
Toluene-d8 (Surr)	100		75 - 120				02/13/13 16:10	02/22/13 07:00	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54673-1

Client Sample ID: B-100 15'

Lab Sample ID: 500-54673-12

Date Collected: 02/13/13 16:10

Matrix: Solid

Date Received: 02/19/13 10:20

Percent Solids: 90.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	62000		1500	380	ug/Kg	☼	02/13/13 16:10	02/22/13 07:26	500
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93		75 - 125				02/13/13 16:10	02/22/13 07:26	500
4-Bromofluorobenzene (Surr)	96		75 - 120				02/13/13 16:10	02/22/13 07:26	500
Dibromofluoromethane	98		75 - 120				02/13/13 16:10	02/22/13 07:26	500
Toluene-d8 (Surr)	99		75 - 120				02/13/13 16:10	02/22/13 07:26	500

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	3600		170	86	ug/Kg	☼	02/19/13 17:14	03/01/13 16:50	5
2-Methylnaphthalene	5000		870	220	ug/Kg	☼	02/19/13 17:14	03/01/13 16:50	5
Acenaphthene	4300		170	52	ug/Kg	☼	02/19/13 17:14	03/01/13 16:50	5
Acenaphthylene	150 J		170	40	ug/Kg	☼	02/19/13 17:14	03/01/13 16:50	5
Anthracene	2500		170	41	ug/Kg	☼	02/19/13 17:14	03/01/13 16:50	5
Benzo[a]anthracene	2100		170	36	ug/Kg	☼	02/19/13 17:14	03/01/13 16:50	5
Benzo[a]pyrene	1600		170	31	ug/Kg	☼	02/19/13 17:14	03/01/13 16:50	5
Benzo[b]fluoranthene	2000		170	33	ug/Kg	☼	02/19/13 17:14	03/01/13 16:50	5
Benzo[g,h,i]perylene	890		170	58	ug/Kg	☼	02/19/13 17:14	03/01/13 16:50	5
Benzo[k]fluoranthene	880		170	41	ug/Kg	☼	02/19/13 17:14	03/01/13 16:50	5
Chrysene	1800		170	39	ug/Kg	☼	02/19/13 17:14	03/01/13 16:50	5
Dibenz(a,h)anthracene	280		170	48	ug/Kg	☼	02/19/13 17:14	03/01/13 16:50	5
Fluoranthene	7200		170	71	ug/Kg	☼	02/19/13 17:14	03/01/13 16:50	5
Fluorene	4600		170	39	ug/Kg	☼	02/19/13 17:14	03/01/13 16:50	5
Indeno[1,2,3-cd]pyrene	750		170	58	ug/Kg	☼	02/19/13 17:14	03/01/13 16:50	5
Naphthalene	6100		170	33	ug/Kg	☼	02/19/13 17:14	03/01/13 16:50	5
Phenanthrene	12000		170	72	ug/Kg	☼	02/19/13 17:14	03/01/13 16:50	5
Pyrene	5400		170	62	ug/Kg	☼	02/19/13 17:14	03/01/13 16:50	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	57		30 - 119				02/19/13 17:14	03/01/13 16:50	5
Nitrobenzene-d5 (Surr)	62		30 - 115				02/19/13 17:14	03/01/13 16:50	5
Terphenyl-d14 (Surr)	74		36 - 134				02/19/13 17:14	03/01/13 16:50	5

Client Sample ID: B-100 20'

Lab Sample ID: 500-54673-13

Date Collected: 02/13/13 16:15

Matrix: Solid

Date Received: 02/19/13 10:20

Percent Solids: 90.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<25		150	25	ug/Kg	☼	02/13/13 16:15	02/22/13 15:12	50
1,1,1-Trichloroethane	<15		73	15	ug/Kg	☼	02/13/13 16:15	02/22/13 15:12	50
1,1,1,2,2-Tetrachloroethane	<17		73	17	ug/Kg	☼	02/13/13 16:15	02/22/13 15:12	50
1,1,2-Trichloroethane	<20		73	20	ug/Kg	☼	02/13/13 16:15	02/22/13 15:12	50
1,1-Dichloroethane	<13		73	13	ug/Kg	☼	02/13/13 16:15	02/22/13 15:12	50
1,1-Dichloroethene	<22		73	22	ug/Kg	☼	02/13/13 16:15	02/22/13 15:12	50
1,1-Dichloropropene	<25		73	25	ug/Kg	☼	02/13/13 16:15	02/22/13 15:12	50
1,2,3-Trichlorobenzene	<25		150	25	ug/Kg	☼	02/13/13 16:15	02/22/13 15:12	50
1,2,3-Trichloropropane	<42		150	42	ug/Kg	☼	02/13/13 16:15	02/22/13 15:12	50
1,2,4-Trichlorobenzene	<27		150	27	ug/Kg	☼	02/13/13 16:15	02/22/13 15:12	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54673-1

Client Sample ID: B-100 20'

Lab Sample ID: 500-54673-13

Date Collected: 02/13/13 16:15

Matrix: Solid

Date Received: 02/19/13 10:20

Percent Solids: 90.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	<15		150	15	ug/Kg	☼	02/13/13 16:15	02/22/13 15:12	50
1,2-Dibromo-3-Chloropropane	<63		150	63	ug/Kg	☼	02/13/13 16:15	02/22/13 15:12	50
1,2-Dibromoethane	<23		150	23	ug/Kg	☼	02/13/13 16:15	02/22/13 15:12	50
1,2-Dichlorobenzene	<15		150	15	ug/Kg	☼	02/13/13 16:15	02/22/13 15:12	50
1,2-Dichloroethane	<21		73	21	ug/Kg	☼	02/13/13 16:15	02/22/13 15:12	50
1,2-Dichloropropane	<14		73	14	ug/Kg	☼	02/13/13 16:15	02/22/13 15:12	50
1,3,5-Trimethylbenzene	<15		150	15	ug/Kg	☼	02/13/13 16:15	02/22/13 15:12	50
1,3-Dichlorobenzene	<19		150	19	ug/Kg	☼	02/13/13 16:15	02/22/13 15:12	50
1,3-Dichloropropane	<9.7		73	9.7	ug/Kg	☼	02/13/13 16:15	02/22/13 15:12	50
1,4-Dichlorobenzene	<13		150	13	ug/Kg	☼	02/13/13 16:15	02/22/13 15:12	50
2,2-Dichloropropane	<23		73	23	ug/Kg	☼	02/13/13 16:15	02/22/13 15:12	50
2-Chlorotoluene	<15		73	15	ug/Kg	☼	02/13/13 16:15	02/22/13 15:12	50
4-Chlorotoluene	<14		73	14	ug/Kg	☼	02/13/13 16:15	02/22/13 15:12	50
Benzene	<5.4		18	5.4	ug/Kg	☼	02/13/13 16:15	02/22/13 15:12	50
Bromobenzene	<31		150	31	ug/Kg	☼	02/13/13 16:15	02/22/13 15:12	50
Bromochloromethane	<27		150	27	ug/Kg	☼	02/13/13 16:15	02/22/13 15:12	50
Bromodichloromethane	<25		150	25	ug/Kg	☼	02/13/13 16:15	02/22/13 15:12	50
Bromoform	<32		150	32	ug/Kg	☼	02/13/13 16:15	02/22/13 15:12	50
Bromomethane	<50		150	50	ug/Kg	☼	02/13/13 16:15	02/22/13 15:12	50
Carbon tetrachloride	<19		73	19	ug/Kg	☼	02/13/13 16:15	02/22/13 15:12	50
Chlorobenzene	<10		73	10	ug/Kg	☼	02/13/13 16:15	02/22/13 15:12	50
Chloroethane	<32		150	32	ug/Kg	☼	02/13/13 16:15	02/22/13 15:12	50
Chloroform	<15		73	15	ug/Kg	☼	02/13/13 16:15	02/22/13 15:12	50
Chloromethane	<34		150	34	ug/Kg	☼	02/13/13 16:15	02/22/13 15:12	50
cis-1,2-Dichloroethene	<8.9		73	8.9	ug/Kg	☼	02/13/13 16:15	02/22/13 15:12	50
cis-1,3-Dichloropropene	<13		73	13	ug/Kg	☼	02/13/13 16:15	02/22/13 15:12	50
Dibromochloromethane	<25		150	25	ug/Kg	☼	02/13/13 16:15	02/22/13 15:12	50
Dibromomethane	<35		150	35	ug/Kg	☼	02/13/13 16:15	02/22/13 15:12	50
Dichlorodifluoromethane	<37		150	37	ug/Kg	☼	02/13/13 16:15	02/22/13 15:12	50
Ethylbenzene	<9.2		18	9.2	ug/Kg	☼	02/13/13 16:15	02/22/13 15:12	50
Hexachlorobutadiene	<25		150	25	ug/Kg	☼	02/13/13 16:15	02/22/13 15:12	50
Isopropyl ether	<11		150	11	ug/Kg	☼	02/13/13 16:15	02/22/13 15:12	50
Isopropylbenzene	<18		150	18	ug/Kg	☼	02/13/13 16:15	02/22/13 15:12	50
Methyl tert-butyl ether	<31		150	31	ug/Kg	☼	02/13/13 16:15	02/22/13 15:12	50
Methylene Chloride	<50		360	50	ug/Kg	☼	02/13/13 16:15	02/22/13 15:12	50
Naphthalene	<36		150	36	ug/Kg	☼	02/13/13 16:15	02/22/13 15:12	50
n-Butylbenzene	<9.4		73	9.4	ug/Kg	☼	02/13/13 16:15	02/22/13 15:12	50
N-Propylbenzene	<13		150	13	ug/Kg	☼	02/13/13 16:15	02/22/13 15:12	50
p-Isopropyltoluene	<13		150	13	ug/Kg	☼	02/13/13 16:15	02/22/13 15:12	50
sec-Butylbenzene	<11		73	11	ug/Kg	☼	02/13/13 16:15	02/22/13 15:12	50
Styrene	<7.2		73	7.2	ug/Kg	☼	02/13/13 16:15	02/22/13 15:12	50
tert-Butylbenzene	<9.9		73	9.9	ug/Kg	☼	02/13/13 16:15	02/22/13 15:12	50
Tetrachloroethene	<12		73	12	ug/Kg	☼	02/13/13 16:15	02/22/13 15:12	50
Toluene	<8.4		18	8.4	ug/Kg	☼	02/13/13 16:15	02/22/13 15:12	50
trans-1,2-Dichloroethene	<18		73	18	ug/Kg	☼	02/13/13 16:15	02/22/13 15:12	50
trans-1,3-Dichloropropene	<15		73	15	ug/Kg	☼	02/13/13 16:15	02/22/13 15:12	50
Trichloroethene	<14		36	14	ug/Kg	☼	02/13/13 16:15	02/22/13 15:12	50
Trichlorofluoromethane	<30		150	30	ug/Kg	☼	02/13/13 16:15	02/22/13 15:12	50
Vinyl chloride	<7.6		18	7.6	ug/Kg	☼	02/13/13 16:15	02/22/13 15:12	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54673-1

Client Sample ID: B-100 20'

Lab Sample ID: 500-54673-13

Date Collected: 02/13/13 16:15

Matrix: Solid

Date Received: 02/19/13 10:20

Percent Solids: 90.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	<5.0		36	5.0	ug/Kg	☼	02/13/13 16:15	02/22/13 15:12	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		75 - 125				02/13/13 16:15	02/22/13 15:12	50
4-Bromofluorobenzene (Surr)	99		75 - 120				02/13/13 16:15	02/22/13 15:12	50
Dibromofluoromethane	99		75 - 120				02/13/13 16:15	02/22/13 15:12	50
Toluene-d8 (Surr)	104		75 - 120				02/13/13 16:15	02/22/13 15:12	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<17		35	17	ug/Kg	☼	02/19/13 17:14	03/01/13 17:09	1
2-Methylnaphthalene	<45		180	45	ug/Kg	☼	02/19/13 17:14	03/01/13 17:09	1
Acenaphthene	12	J	35	10	ug/Kg	☼	02/19/13 17:14	03/01/13 17:09	1
Acenaphthylene	<8.0		35	8.0	ug/Kg	☼	02/19/13 17:14	03/01/13 17:09	1
Anthracene	53		35	8.2	ug/Kg	☼	02/19/13 17:14	03/01/13 17:09	1
Benzo[a]anthracene	35		35	7.3	ug/Kg	☼	02/19/13 17:14	03/01/13 17:09	1
Benzo[a]pyrene	31	J	35	6.3	ug/Kg	☼	02/19/13 17:14	03/01/13 17:09	1
Benzo[b]fluoranthene	41		35	6.8	ug/Kg	☼	02/19/13 17:14	03/01/13 17:09	1
Benzo[g,h,i]perylene	15	J	35	12	ug/Kg	☼	02/19/13 17:14	03/01/13 17:09	1
Benzo[k]fluoranthene	15	J	35	8.3	ug/Kg	☼	02/19/13 17:14	03/01/13 17:09	1
Chrysene	46		35	7.9	ug/Kg	☼	02/19/13 17:14	03/01/13 17:09	1
Dibenz(a,h)anthracene	<9.7		35	9.7	ug/Kg	☼	02/19/13 17:14	03/01/13 17:09	1
Fluoranthene	100		35	14	ug/Kg	☼	02/19/13 17:14	03/01/13 17:09	1
Fluorene	24	J	35	7.9	ug/Kg	☼	02/19/13 17:14	03/01/13 17:09	1
Indeno[1,2,3-cd]pyrene	18	J	35	12	ug/Kg	☼	02/19/13 17:14	03/01/13 17:09	1
Naphthalene	22	J	35	6.7	ug/Kg	☼	02/19/13 17:14	03/01/13 17:09	1
Phenanthrene	63		35	15	ug/Kg	☼	02/19/13 17:14	03/01/13 17:09	1
Pyrene	89		35	13	ug/Kg	☼	02/19/13 17:14	03/01/13 17:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	73		30 - 119				02/19/13 17:14	03/01/13 17:09	1
Nitrobenzene-d5 (Surr)	52		30 - 115				02/19/13 17:14	03/01/13 17:09	1
Terphenyl-d14 (Surr)	80		36 - 134				02/19/13 17:14	03/01/13 17:09	1

Client Sample ID: TB-2

Lab Sample ID: 500-54673-14

Date Collected: 02/13/13 00:00

Matrix: Solid

Date Received: 02/19/13 10:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<17		100	17	ug/Kg		02/13/13 00:00	02/22/13 00:27	50
1,1,1-Trichloroethane	<10		50	10	ug/Kg		02/13/13 00:00	02/22/13 00:27	50
1,1,2,2-Tetrachloroethane	<12		50	12	ug/Kg		02/13/13 00:00	02/22/13 00:27	50
1,1,2-Trichloroethane	<14		50	14	ug/Kg		02/13/13 00:00	02/22/13 00:27	50
1,1-Dichloroethane	<9.3		50	9.3	ug/Kg		02/13/13 00:00	02/22/13 00:27	50
1,1-Dichloroethene	<15		50	15	ug/Kg		02/13/13 00:00	02/22/13 00:27	50
1,1-Dichloropropene	<17		50	17	ug/Kg		02/13/13 00:00	02/22/13 00:27	50
1,2,3-Trichlorobenzene	<18		100	18	ug/Kg		02/13/13 00:00	02/22/13 00:27	50
1,2,3-Trichloropropane	<29		100	29	ug/Kg		02/13/13 00:00	02/22/13 00:27	50
1,2,4-Trichlorobenzene	<19		100	19	ug/Kg		02/13/13 00:00	02/22/13 00:27	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54673-1

Client Sample ID: TB-2

Lab Sample ID: 500-54673-14

Date Collected: 02/13/13 00:00

Matrix: Solid

Date Received: 02/19/13 10:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	<11		100	11	ug/Kg		02/13/13 00:00	02/22/13 00:27	50
1,2-Dibromo-3-Chloropropane	<44		100	44	ug/Kg		02/13/13 00:00	02/22/13 00:27	50
1,2-Dibromoethane	<16		100	16	ug/Kg		02/13/13 00:00	02/22/13 00:27	50
1,2-Dichlorobenzene	<10		100	10	ug/Kg		02/13/13 00:00	02/22/13 00:27	50
1,2-Dichloroethane	<14		50	14	ug/Kg		02/13/13 00:00	02/22/13 00:27	50
1,2-Dichloropropane	<9.8		50	9.8	ug/Kg		02/13/13 00:00	02/22/13 00:27	50
1,3,5-Trimethylbenzene	<10		100	10	ug/Kg		02/13/13 00:00	02/22/13 00:27	50
1,3-Dichlorobenzene	<13		100	13	ug/Kg		02/13/13 00:00	02/22/13 00:27	50
1,3-Dichloropropane	<6.7		50	6.7	ug/Kg		02/13/13 00:00	02/22/13 00:27	50
1,4-Dichlorobenzene	<8.7		100	8.7	ug/Kg		02/13/13 00:00	02/22/13 00:27	50
2,2-Dichloropropane	<16		50	16	ug/Kg		02/13/13 00:00	02/22/13 00:27	50
2-Chlorotoluene	<10		50	10	ug/Kg		02/13/13 00:00	02/22/13 00:27	50
4-Chlorotoluene	<9.9		50	9.9	ug/Kg		02/13/13 00:00	02/22/13 00:27	50
Benzene	<3.7		13	3.7	ug/Kg		02/13/13 00:00	02/22/13 00:27	50
Bromobenzene	<21		100	21	ug/Kg		02/13/13 00:00	02/22/13 00:27	50
Bromochloromethane	<19		100	19	ug/Kg		02/13/13 00:00	02/22/13 00:27	50
Bromodichloromethane	<17		100	17	ug/Kg		02/13/13 00:00	02/22/13 00:27	50
Bromoform	<22		100	22	ug/Kg		02/13/13 00:00	02/22/13 00:27	50
Bromomethane	<34		100	34	ug/Kg		02/13/13 00:00	02/22/13 00:27	50
Carbon tetrachloride	<13		50	13	ug/Kg		02/13/13 00:00	02/22/13 00:27	50
Chlorobenzene	<7.2		50	7.2	ug/Kg		02/13/13 00:00	02/22/13 00:27	50
Chloroethane	<22		100	22	ug/Kg		02/13/13 00:00	02/22/13 00:27	50
Chloroform	<10		50	10	ug/Kg		02/13/13 00:00	02/22/13 00:27	50
Chloromethane	<23		100	23	ug/Kg		02/13/13 00:00	02/22/13 00:27	50
cis-1,2-Dichloroethene	<6.2		50	6.2	ug/Kg		02/13/13 00:00	02/22/13 00:27	50
cis-1,3-Dichloropropene	<8.9		50	8.9	ug/Kg		02/13/13 00:00	02/22/13 00:27	50
Dibromochloromethane	<17		100	17	ug/Kg		02/13/13 00:00	02/22/13 00:27	50
Dibromomethane	<24		100	24	ug/Kg		02/13/13 00:00	02/22/13 00:27	50
Dichlorodifluoromethane	<26		100	26	ug/Kg		02/13/13 00:00	02/22/13 00:27	50
Ethylbenzene	<6.3		13	6.3	ug/Kg		02/13/13 00:00	02/22/13 00:27	50
Hexachlorobutadiene	<17		100	17	ug/Kg		02/13/13 00:00	02/22/13 00:27	50
Isopropyl ether	<7.4		100	7.4	ug/Kg		02/13/13 00:00	02/22/13 00:27	50
Isopropylbenzene	<13		100	13	ug/Kg		02/13/13 00:00	02/22/13 00:27	50
Methyl tert-butyl ether	<22		100	22	ug/Kg		02/13/13 00:00	02/22/13 00:27	50
Methylene Chloride	<34		250	34	ug/Kg		02/13/13 00:00	02/22/13 00:27	50
Naphthalene	<25		100	25	ug/Kg		02/13/13 00:00	02/22/13 00:27	50
n-Butylbenzene	<6.5		50	6.5	ug/Kg		02/13/13 00:00	02/22/13 00:27	50
N-Propylbenzene	<8.8		100	8.8	ug/Kg		02/13/13 00:00	02/22/13 00:27	50
p-Isopropyltoluene	<9.3		100	9.3	ug/Kg		02/13/13 00:00	02/22/13 00:27	50
sec-Butylbenzene	<7.7		50	7.7	ug/Kg		02/13/13 00:00	02/22/13 00:27	50
Styrene	<4.9		50	4.9	ug/Kg		02/13/13 00:00	02/22/13 00:27	50
tert-Butylbenzene	<6.8		50	6.8	ug/Kg		02/13/13 00:00	02/22/13 00:27	50
Tetrachloroethene	<8.4		50	8.4	ug/Kg		02/13/13 00:00	02/22/13 00:27	50
Toluene	<5.8		13	5.8	ug/Kg		02/13/13 00:00	02/22/13 00:27	50
trans-1,2-Dichloroethene	<13		50	13	ug/Kg		02/13/13 00:00	02/22/13 00:27	50
trans-1,3-Dichloropropene	<10		50	10	ug/Kg		02/13/13 00:00	02/22/13 00:27	50
Trichloroethene	<9.3		25	9.3	ug/Kg		02/13/13 00:00	02/22/13 00:27	50
Trichlorofluoromethane	<21		100	21	ug/Kg		02/13/13 00:00	02/22/13 00:27	50
Vinyl chloride	<5.2		13	5.2	ug/Kg		02/13/13 00:00	02/22/13 00:27	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54673-1

Client Sample ID: TB-2

Lab Sample ID: 500-54673-14

Date Collected: 02/13/13 00:00

Matrix: Solid

Date Received: 02/19/13 10:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	<3.4		25	3.4	ug/Kg		02/13/13 00:00	02/22/13 00:27	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		75 - 125				02/13/13 00:00	02/22/13 00:27	50
4-Bromofluorobenzene (Surr)	98		75 - 120				02/13/13 00:00	02/22/13 00:27	50
Dibromofluoromethane	97		75 - 120				02/13/13 00:00	02/22/13 00:27	50
Toluene-d8 (Surr)	103		75 - 120				02/13/13 00:00	02/22/13 00:27	50

Definitions/Glossary

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54673-1

Qualifiers

GC/MS 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.

GC/MS 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.
D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.
X	Surrogate is outside control limits

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.
α	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
DER	Duplicate error ratio (normalized absolute difference)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
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
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

QC Association Summary

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54673-1

GC/MS VOA

Prep Batch: 178052

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-54673-1	B-68 15'	Total/NA	Solid	5035	
500-54673-2	B-99 15'	Total/NA	Solid	5035	
500-54673-2 - DL	B-99 15'	Total/NA	Solid	5035	
500-54673-3	B-99 20'	Total/NA	Solid	5035	
500-54673-4	B-53 0-2'	Total/NA	Solid	5035	
500-54673-5	B-53 12-14'	Total/NA	Solid	5035	
500-54673-5 - DL	B-53 12-14'	Total/NA	Solid	5035	
500-54673-6	B-52 0-2'	Total/NA	Solid	5035	
500-54673-7	B-52 10-12'	Total/NA	Solid	5035	
500-54673-8	B-52 15'	Total/NA	Solid	5035	
500-54673-9	B-54 0-2'	Total/NA	Solid	5035	
500-54673-10	B-54 10-12'	Total/NA	Solid	5035	
500-54673-11	B-54 15'	Total/NA	Solid	5035	
500-54673-12	B-100 15'	Total/NA	Solid	5035	
500-54673-12 - DL	B-100 15'	Total/NA	Solid	5035	
500-54673-13	B-100 20'	Total/NA	Solid	5035	
500-54673-14	TB-2	Total/NA	Solid	5035	
LB3 500-178052/15-A LB3	Method Blank	Total/NA	Solid	5035	
LCS 500-178052/16-A	Lab Control Sample	Total/NA	Solid	5035	

Analysis Batch: 178250

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-54673-1	B-68 15'	Total/NA	Solid	8260B	178052
500-54673-2	B-99 15'	Total/NA	Solid	8260B	178052
500-54673-2 - DL	B-99 15'	Total/NA	Solid	8260B	178052
500-54673-4	B-53 0-2'	Total/NA	Solid	8260B	178052
500-54673-5	B-53 12-14'	Total/NA	Solid	8260B	178052
500-54673-5 - DL	B-53 12-14'	Total/NA	Solid	8260B	178052
500-54673-8	B-52 15'	Total/NA	Solid	8260B	178052
500-54673-9	B-54 0-2'	Total/NA	Solid	8260B	178052
500-54673-10	B-54 10-12'	Total/NA	Solid	8260B	178052
500-54673-11	B-54 15'	Total/NA	Solid	8260B	178052
500-54673-12	B-100 15'	Total/NA	Solid	8260B	178052
500-54673-12 - DL	B-100 15'	Total/NA	Solid	8260B	178052
500-54673-14	TB-2	Total/NA	Solid	8260B	178052
LB3 500-178052/15-A LB3	Method Blank	Total/NA	Solid	8260B	178052
LCS 500-178052/16-A	Lab Control Sample	Total/NA	Solid	8260B	178052
LCS 500-178250/4	Lab Control Sample	Total/NA	Solid	8260B	
MB 500-178250/6	Method Blank	Total/NA	Solid	8260B	

Analysis Batch: 178326

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-54673-3	B-99 20'	Total/NA	Solid	8260B	178052
500-54673-6	B-52 0-2'	Total/NA	Solid	8260B	178052
500-54673-7	B-52 10-12'	Total/NA	Solid	8260B	178052
500-54673-13	B-100 20'	Total/NA	Solid	8260B	178052
LCS 500-178326/4	Lab Control Sample	Total/NA	Solid	8260B	
MB 500-178326/6	Method Blank	Total/NA	Solid	8260B	

QC Association Summary

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54673-1

GC/MS Semi VOA

Prep Batch: 178042

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-54673-1	B-68 15'	Total/NA	Solid	3541	
500-54673-2	B-99 15'	Total/NA	Solid	3541	
500-54673-2 - DL	B-99 15'	Total/NA	Solid	3541	
500-54673-3	B-99 20'	Total/NA	Solid	3541	
500-54673-3 MS	B-99 20'	Total/NA	Solid	3541	
500-54673-3 MSD	B-99 20'	Total/NA	Solid	3541	
500-54673-4	B-53 0-2'	Total/NA	Solid	3541	
500-54673-5	B-53 12-14'	Total/NA	Solid	3541	
500-54673-5 - DL	B-53 12-14'	Total/NA	Solid	3541	
500-54673-6	B-52 0-2'	Total/NA	Solid	3541	
500-54673-7	B-52 10-12'	Total/NA	Solid	3541	
500-54673-8	B-52 15'	Total/NA	Solid	3541	
500-54673-9	B-54 0-2'	Total/NA	Solid	3541	
500-54673-10	B-54 10-12'	Total/NA	Solid	3541	
500-54673-11	B-54 15'	Total/NA	Solid	3541	
500-54673-12	B-100 15'	Total/NA	Solid	3541	
500-54673-13	B-100 20'	Total/NA	Solid	3541	
LCS 500-178042/2-A	Lab Control Sample	Total/NA	Solid	3541	
MB 500-178042/1-A	Method Blank	Total/NA	Solid	3541	

Analysis Batch: 178558

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 500-178042/2-A	Lab Control Sample	Total/NA	Solid	8270D	178042
MB 500-178042/1-A	Method Blank	Total/NA	Solid	8270D	178042

Analysis Batch: 178799

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-54673-1	B-68 15'	Total/NA	Solid	8270D	178042
500-54673-2	B-99 15'	Total/NA	Solid	8270D	178042
500-54673-3	B-99 20'	Total/NA	Solid	8270D	178042
500-54673-4	B-53 0-2'	Total/NA	Solid	8270D	178042
500-54673-5	B-53 12-14'	Total/NA	Solid	8270D	178042
500-54673-6	B-52 0-2'	Total/NA	Solid	8270D	178042
500-54673-7	B-52 10-12'	Total/NA	Solid	8270D	178042
500-54673-8	B-52 15'	Total/NA	Solid	8270D	178042
500-54673-9	B-54 0-2'	Total/NA	Solid	8270D	178042
500-54673-10	B-54 10-12'	Total/NA	Solid	8270D	178042

Analysis Batch: 178911

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-54673-2 - DL	B-99 15'	Total/NA	Solid	8270D	178042
500-54673-3 MS	B-99 20'	Total/NA	Solid	8270D	178042
500-54673-3 MSD	B-99 20'	Total/NA	Solid	8270D	178042
500-54673-11	B-54 15'	Total/NA	Solid	8270D	178042
500-54673-12	B-100 15'	Total/NA	Solid	8270D	178042
500-54673-13	B-100 20'	Total/NA	Solid	8270D	178042

Analysis Batch: 178979

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-54673-5 - DL	B-53 12-14'	Total/NA	Solid	8270D	178042

TestAmerica Chicago

QC Association Summary

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54673-1

GC Semi VOA

Analysis Batch: 177990

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-54673-4	B-53 0-2'	Total/NA	Solid	8082	178043
500-54673-5	B-53 12-14'	Total/NA	Solid	8082	178043
500-54673-6	B-52 0-2'	Total/NA	Solid	8082	178043
500-54673-7	B-52 10-12'	Total/NA	Solid	8082	178043
500-54673-9	B-54 0-2'	Total/NA	Solid	8082	178043
500-54673-10	B-54 10-12'	Total/NA	Solid	8082	178043
500-54673-10 MS	B-54 10-12'	Total/NA	Solid	8082	178043
500-54673-10 MSD	B-54 10-12'	Total/NA	Solid	8082	178043
LCS 500-178043/2-A	Lab Control Sample	Total/NA	Solid	8082	178043
MB 500-178043/1-A	Method Blank	Total/NA	Solid	8082	178043

Prep Batch: 178043

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-54673-4	B-53 0-2'	Total/NA	Solid	3541	
500-54673-5	B-53 12-14'	Total/NA	Solid	3541	
500-54673-6	B-52 0-2'	Total/NA	Solid	3541	
500-54673-7	B-52 10-12'	Total/NA	Solid	3541	
500-54673-9	B-54 0-2'	Total/NA	Solid	3541	
500-54673-10	B-54 10-12'	Total/NA	Solid	3541	
500-54673-10 MS	B-54 10-12'	Total/NA	Solid	3541	
500-54673-10 MSD	B-54 10-12'	Total/NA	Solid	3541	
LCS 500-178043/2-A	Lab Control Sample	Total/NA	Solid	3541	
MB 500-178043/1-A	Method Blank	Total/NA	Solid	3541	

General Chemistry

Analysis Batch: 178142

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-54673-1	B-68 15'	Total/NA	Solid	Moisture	
500-54673-2	B-99 15'	Total/NA	Solid	Moisture	
500-54673-3	B-99 20'	Total/NA	Solid	Moisture	
500-54673-4	B-53 0-2'	Total/NA	Solid	Moisture	
500-54673-5	B-53 12-14'	Total/NA	Solid	Moisture	
500-54673-6	B-52 0-2'	Total/NA	Solid	Moisture	
500-54673-7	B-52 10-12'	Total/NA	Solid	Moisture	
500-54673-8	B-52 15'	Total/NA	Solid	Moisture	
500-54673-9	B-54 0-2'	Total/NA	Solid	Moisture	
500-54673-10	B-54 10-12'	Total/NA	Solid	Moisture	
500-54673-11	B-54 15'	Total/NA	Solid	Moisture	
500-54673-12	B-100 15'	Total/NA	Solid	Moisture	
500-54673-13	B-100 20'	Total/NA	Solid	Moisture	

Surrogate Summary

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54673-1

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		12DCE (75-125)	BFB (75-120)	DBFM (75-120)	TOL (75-120)
500-54673-1	B-68 15'	102	104	102	108
500-54673-2	B-99 15'	97	100	97	102
500-54673-2 - DL	B-99 15'	97	96	100	102
500-54673-3	B-99 20'	101	109	103	111
500-54673-4	B-53 0-2'	95	95	95	99
500-54673-5	B-53 12-14'	102	102	106	105
500-54673-5 - DL	B-53 12-14'	95	98	98	100
500-54673-6	B-52 0-2'	90	95	90	98
500-54673-7	B-52 10-12'	93	99	95	102
500-54673-8	B-52 15'	100	96	105	103
500-54673-9	B-54 0-2'	96	97	97	100
500-54673-10	B-54 10-12'	94	94	99	99
500-54673-11	B-54 15'	94	96	98	99
500-54673-12	B-100 15'	96	98	100	100
500-54673-12 - DL	B-100 15'	93	96	98	99
500-54673-13	B-100 20'	96	99	99	104
500-54673-14	TB-2	95	98	97	103
LB3 500-178052/15-A LB3	Method Blank	95	98	98	101
LCS 500-178052/16-A	Lab Control Sample	96	100	100	101
LCS 500-178250/4	Lab Control Sample	89	95	93	95
LCS 500-178326/4	Lab Control Sample	89	97	91	96
MB 500-178250/6	Method Blank	91	93	96	98
MB 500-178326/6	Method Blank	89	89	86	93

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
 BFB = 4-Bromofluorobenzene (Surr)
 DBFM = Dibromofluoromethane
 TOL = Toluene-d8 (Surr)

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		FBP (30-119)	NBZ (30-115)	TPH (36-134)
500-54673-1	B-68 15'	49	41	64
500-54673-2	B-99 15'	0 D	0 D	0 D
500-54673-2 - DL	B-99 15'	0 D	0 D	0 D
500-54673-3	B-99 20'	71	59	66
500-54673-3 MS	B-99 20'	79	64	83
500-54673-3 MSD	B-99 20'	73	54	79
500-54673-4	B-53 0-2'	24 X	57	56
500-54673-5	B-53 12-14'	65	60	66
500-54673-5 - DL	B-53 12-14'	75	66	80
500-54673-6	B-52 0-2'	58	58	72
500-54673-7	B-52 10-12'	56	42	75
500-54673-8	B-52 15'	61	43	74
500-54673-9	B-54 0-2'	76	56	83

TestAmerica Chicago

Surrogate Summary

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54673-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		FBP (30-119)	NBZ (30-115)	TPH (36-134)
500-54673-10	B-54 10-12'	63	46	72
500-54673-11	B-54 15'	80	61	96
500-54673-12	B-100 15'	57	62	74
500-54673-13	B-100 20'	73	52	80
LCS 500-178042/2-A	Lab Control Sample	100	86	103
MB 500-178042/1-A	Method Blank	86	73	78

Surrogate Legend

FBP = 2-Fluorobiphenyl
 NBZ = Nitrobenzene-d5 (Surr)
 TPH = Terphenyl-d14 (Surr)

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		TCX1 (50-116)	DCB1 (48-142)
500-54673-4	B-53 0-2'	95	97
500-54673-5	B-53 12-14'	65	75
500-54673-6	B-52 0-2'	82	78
500-54673-7	B-52 10-12'	74	78
500-54673-9	B-54 0-2'	84	88
500-54673-10	B-54 10-12'	74	79
500-54673-10 MS	B-54 10-12'	65	69
500-54673-10 MSD	B-54 10-12'	81	86
LCS 500-178043/2-A	Lab Control Sample	84	92
MB 500-178043/1-A	Method Blank	85	96

Surrogate Legend

TCX = Tetrachloro-m-xylene
 DCB = DCB Decachlorobiphenyl

QC Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54673-1

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

Lab Sample ID: LB3 500-178052/15-A LB3

Matrix: Solid

Analysis Batch: 178250

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 178052

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<17		100	17	ug/Kg		02/19/13 22:35	02/22/13 00:53	50
1,1,1-Trichloroethane	<10		50	10	ug/Kg		02/19/13 22:35	02/22/13 00:53	50
1,1,2,2-Tetrachloroethane	<12		50	12	ug/Kg		02/19/13 22:35	02/22/13 00:53	50
1,1,2-Trichloroethane	<14		50	14	ug/Kg		02/19/13 22:35	02/22/13 00:53	50
1,1-Dichloroethane	<9.3		50	9.3	ug/Kg		02/19/13 22:35	02/22/13 00:53	50
1,1-Dichloroethene	<15		50	15	ug/Kg		02/19/13 22:35	02/22/13 00:53	50
1,1-Dichloropropene	<17		50	17	ug/Kg		02/19/13 22:35	02/22/13 00:53	50
1,2,3-Trichlorobenzene	<18		100	18	ug/Kg		02/19/13 22:35	02/22/13 00:53	50
1,2,3-Trichloropropane	<29		100	29	ug/Kg		02/19/13 22:35	02/22/13 00:53	50
1,2,4-Trichlorobenzene	<19		100	19	ug/Kg		02/19/13 22:35	02/22/13 00:53	50
1,2,4-Trimethylbenzene	<11		100	11	ug/Kg		02/19/13 22:35	02/22/13 00:53	50
1,2-Dibromo-3-Chloropropane	<44		100	44	ug/Kg		02/19/13 22:35	02/22/13 00:53	50
1,2-Dibromoethane	<16		100	16	ug/Kg		02/19/13 22:35	02/22/13 00:53	50
1,2-Dichlorobenzene	<10		100	10	ug/Kg		02/19/13 22:35	02/22/13 00:53	50
1,2-Dichloroethane	<14		50	14	ug/Kg		02/19/13 22:35	02/22/13 00:53	50
1,2-Dichloropropane	<9.8		50	9.8	ug/Kg		02/19/13 22:35	02/22/13 00:53	50
1,3,5-Trimethylbenzene	<10		100	10	ug/Kg		02/19/13 22:35	02/22/13 00:53	50
1,3-Dichlorobenzene	<13		100	13	ug/Kg		02/19/13 22:35	02/22/13 00:53	50
1,3-Dichloropropane	<6.7		50	6.7	ug/Kg		02/19/13 22:35	02/22/13 00:53	50
1,4-Dichlorobenzene	<8.7		100	8.7	ug/Kg		02/19/13 22:35	02/22/13 00:53	50
2,2-Dichloropropane	<16		50	16	ug/Kg		02/19/13 22:35	02/22/13 00:53	50
2-Chlorotoluene	<10		50	10	ug/Kg		02/19/13 22:35	02/22/13 00:53	50
4-Chlorotoluene	<9.9		50	9.9	ug/Kg		02/19/13 22:35	02/22/13 00:53	50
Benzene	<3.7		13	3.7	ug/Kg		02/19/13 22:35	02/22/13 00:53	50
Bromobenzene	<21		100	21	ug/Kg		02/19/13 22:35	02/22/13 00:53	50
Bromochloromethane	<19		100	19	ug/Kg		02/19/13 22:35	02/22/13 00:53	50
Bromodichloromethane	<17		100	17	ug/Kg		02/19/13 22:35	02/22/13 00:53	50
Bromoform	<22		100	22	ug/Kg		02/19/13 22:35	02/22/13 00:53	50
Bromomethane	<34		100	34	ug/Kg		02/19/13 22:35	02/22/13 00:53	50
Carbon tetrachloride	<13		50	13	ug/Kg		02/19/13 22:35	02/22/13 00:53	50
Chlorobenzene	<7.2		50	7.2	ug/Kg		02/19/13 22:35	02/22/13 00:53	50
Chloroethane	<22		100	22	ug/Kg		02/19/13 22:35	02/22/13 00:53	50
Chloroform	<10		50	10	ug/Kg		02/19/13 22:35	02/22/13 00:53	50
Chloromethane	<23		100	23	ug/Kg		02/19/13 22:35	02/22/13 00:53	50
cis-1,2-Dichloroethene	<6.2		50	6.2	ug/Kg		02/19/13 22:35	02/22/13 00:53	50
cis-1,3-Dichloropropene	<8.9		50	8.9	ug/Kg		02/19/13 22:35	02/22/13 00:53	50
Dibromochloromethane	<17		100	17	ug/Kg		02/19/13 22:35	02/22/13 00:53	50
Dibromomethane	<24		100	24	ug/Kg		02/19/13 22:35	02/22/13 00:53	50
Dichlorodifluoromethane	<26		100	26	ug/Kg		02/19/13 22:35	02/22/13 00:53	50
Ethylbenzene	<6.3		13	6.3	ug/Kg		02/19/13 22:35	02/22/13 00:53	50
Hexachlorobutadiene	<17		100	17	ug/Kg		02/19/13 22:35	02/22/13 00:53	50
Isopropyl ether	<7.4		100	7.4	ug/Kg		02/19/13 22:35	02/22/13 00:53	50
Isopropylbenzene	<13		100	13	ug/Kg		02/19/13 22:35	02/22/13 00:53	50
Methyl tert-butyl ether	<22		100	22	ug/Kg		02/19/13 22:35	02/22/13 00:53	50
Methylene Chloride	<34		250	34	ug/Kg		02/19/13 22:35	02/22/13 00:53	50
Naphthalene	<25		100	25	ug/Kg		02/19/13 22:35	02/22/13 00:53	50
n-Butylbenzene	<6.5		50	6.5	ug/Kg		02/19/13 22:35	02/22/13 00:53	50
N-Propylbenzene	<8.8		100	8.8	ug/Kg		02/19/13 22:35	02/22/13 00:53	50

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54673-1

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

Lab Sample ID: LB3 500-178052/15-A LB3

Matrix: Solid

Analysis Batch: 178250

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 178052

Analyte	LB3	LB3	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
p-Isopropyltoluene	<9.3		100	9.3	ug/Kg		02/19/13 22:35	02/22/13 00:53	50
sec-Butylbenzene	<7.7		50	7.7	ug/Kg		02/19/13 22:35	02/22/13 00:53	50
Styrene	<4.9		50	4.9	ug/Kg		02/19/13 22:35	02/22/13 00:53	50
tert-Butylbenzene	<6.8		50	6.8	ug/Kg		02/19/13 22:35	02/22/13 00:53	50
Tetrachloroethene	<8.4		50	8.4	ug/Kg		02/19/13 22:35	02/22/13 00:53	50
Toluene	<5.8		13	5.8	ug/Kg		02/19/13 22:35	02/22/13 00:53	50
trans-1,2-Dichloroethene	<13		50	13	ug/Kg		02/19/13 22:35	02/22/13 00:53	50
trans-1,3-Dichloropropene	<10		50	10	ug/Kg		02/19/13 22:35	02/22/13 00:53	50
Trichloroethene	<9.3		25	9.3	ug/Kg		02/19/13 22:35	02/22/13 00:53	50
Trichlorofluoromethane	<21		100	21	ug/Kg		02/19/13 22:35	02/22/13 00:53	50
Vinyl chloride	<5.2		13	5.2	ug/Kg		02/19/13 22:35	02/22/13 00:53	50
Xylenes, Total	<3.4		25	3.4	ug/Kg		02/19/13 22:35	02/22/13 00:53	50

Surrogate	LB3	LB3	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	95		75 - 125	02/19/13 22:35	02/22/13 00:53	50
4-Bromofluorobenzene (Surr)	98		75 - 120	02/19/13 22:35	02/22/13 00:53	50
Dibromofluoromethane	98		75 - 120	02/19/13 22:35	02/22/13 00:53	50
Toluene-d8 (Surr)	101		75 - 120	02/19/13 22:35	02/22/13 00:53	50

Lab Sample ID: LCS 500-178052/16-A

Matrix: Solid

Analysis Batch: 178250

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 178052

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
1,1,1,2-Tetrachloroethane	2500	2680		ug/Kg		107	75 - 120
1,1,1-Trichloroethane	2500	2950		ug/Kg		118	70 - 123
1,1,2,2-Tetrachloroethane	2500	2590		ug/Kg		104	70 - 128
1,1,2-Trichloroethane	2500	2440		ug/Kg		98	69 - 120
1,1-Dichloroethane	2500	2880		ug/Kg		115	68 - 121
1,1-Dichloroethene	2500	2890		ug/Kg		116	58 - 122
1,1-Dichloropropene	2500	2790		ug/Kg		112	70 - 120
1,2,3-Trichlorobenzene	2500	2610		ug/Kg		104	56 - 137
1,2,3-Trichloropropene	2500	2650		ug/Kg		106	70 - 120
1,2,4-Trichlorobenzene	2500	2420		ug/Kg		97	65 - 121
1,2,4-Trimethylbenzene	2500	2800		ug/Kg		112	75 - 121
1,2-Dibromo-3-Chloropropane	2500	2510		ug/Kg		100	60 - 121
1,2-Dibromoethane	2500	2630		ug/Kg		105	70 - 120
1,2-Dichlorobenzene	2500	2530		ug/Kg		101	75 - 120
1,2-Dichloroethane	2500	2540		ug/Kg		102	69 - 120
1,2-Dichloropropane	2500	2670		ug/Kg		107	70 - 120
1,3,5-Trimethylbenzene	2500	2870		ug/Kg		115	75 - 123
1,3-Dichlorobenzene	2500	2450		ug/Kg		98	70 - 120
1,3-Dichloropropane	2500	2600		ug/Kg		104	70 - 120
1,4-Dichlorobenzene	2500	2580		ug/Kg		103	75 - 120
2,2-Dichloropropane	2500	2990		ug/Kg		120	67 - 125
2-Chlorotoluene	2500	2500		ug/Kg		100	70 - 120
4-Chlorotoluene	2500	2590		ug/Kg		104	70 - 120
Benzene	2500	2680		ug/Kg		107	70 - 120

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54673-1

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

Lab Sample ID: LCS 500-178052/16-A

Matrix: Solid

Analysis Batch: 178250

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 178052

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromobenzene	2500	2770		ug/Kg		111	70 - 120
Bromochloromethane	2500	2720		ug/Kg		109	67 - 122
Bromodichloromethane	2500	2510		ug/Kg		101	70 - 120
Bromoform	2500	2730		ug/Kg		109	70 - 125
Bromomethane	2500	2700		ug/Kg		108	50 - 150
Carbon tetrachloride	2500	2770		ug/Kg		111	70 - 125
Chlorobenzene	2500	2520		ug/Kg		101	70 - 120
Chloroethane	2500	2530		ug/Kg		101	50 - 150
Chloroform	2500	2830		ug/Kg		113	70 - 120
Chloromethane	2500	2220		ug/Kg		89	50 - 134
cis-1,2-Dichloroethene	2500	2840		ug/Kg		114	70 - 120
cis-1,3-Dichloropropene	2690	2860		ug/Kg		106	70 - 120
Dibromochloromethane	2500	2530		ug/Kg		101	70 - 120
Dibromomethane	2500	2470		ug/Kg		99	70 - 120
Dichlorodifluoromethane	2500	2100		ug/Kg		84	40 - 140
Ethylbenzene	2500	2680		ug/Kg		107	75 - 120
Hexachlorobutadiene	2500	2780		ug/Kg		111	70 - 135
Isopropylbenzene	2500	2680		ug/Kg		107	70 - 120
Methyl tert-butyl ether	2500	2900		ug/Kg		116	58 - 122
Methylene Chloride	2500	2790		ug/Kg		111	65 - 125
Naphthalene	2500	2840		ug/Kg		113	55 - 132
n-Butylbenzene	2500	2650		ug/Kg		106	75 - 120
N-Propylbenzene	2500	2570		ug/Kg		103	70 - 120
p-Isopropyltoluene	2500	2560		ug/Kg		102	70 - 120
sec-Butylbenzene	2500	2660		ug/Kg		106	70 - 120
Styrene	2500	2670		ug/Kg		107	75 - 120
tert-Butylbenzene	2500	2690		ug/Kg		108	70 - 120
Tetrachloroethene	2500	2660		ug/Kg		107	70 - 123
Toluene	2500	2630		ug/Kg		105	70 - 120
trans-1,2-Dichloroethene	2500	2910		ug/Kg		116	70 - 124
trans-1,3-Dichloropropene	2430	2660		ug/Kg		109	70 - 120
Trichloroethene	2500	2730		ug/Kg		109	70 - 120
Trichlorofluoromethane	2500	2540		ug/Kg		102	63 - 134
Vinyl chloride	2500	2760		ug/Kg		111	62 - 138
Xylenes, Total	7500	7660		ug/Kg		102	70 - 120

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	96		75 - 125
4-Bromofluorobenzene (Surr)	100		75 - 120
Dibromofluoromethane	100		75 - 120
Toluene-d8 (Surr)	101		75 - 120

Lab Sample ID: MB 500-178250/6

Matrix: Solid

Analysis Batch: 178250

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1,2-Tetrachloroethane	<0.35		2.0	0.35	ug/Kg			02/22/13 00:01	1

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54673-1

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

Lab Sample ID: MB 500-178250/6

Matrix: Solid

Analysis Batch: 178250

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1-Trichloroethane	<0.20		1.0	0.20	ug/Kg			02/22/13 00:01	1
1,1,1,2,2-Tetrachloroethane	<0.23		1.0	0.23	ug/Kg			02/22/13 00:01	1
1,1,2-Trichloroethane	<0.28		1.0	0.28	ug/Kg			02/22/13 00:01	1
1,1-Dichloroethane	<0.19		1.0	0.19	ug/Kg			02/22/13 00:01	1
1,1-Dichloroethene	<0.31		1.0	0.31	ug/Kg			02/22/13 00:01	1
1,1-Dichloropropene	<0.34		1.0	0.34	ug/Kg			02/22/13 00:01	1
1,2,3-Trichlorobenzene	<0.35		2.0	0.35	ug/Kg			02/22/13 00:01	1
1,2,3-Trichloropropane	<0.57		2.0	0.57	ug/Kg			02/22/13 00:01	1
1,2,4-Trichlorobenzene	<0.38		2.0	0.38	ug/Kg			02/22/13 00:01	1
1,2,4-Trimethylbenzene	<0.21		2.0	0.21	ug/Kg			02/22/13 00:01	1
1,2-Dibromo-3-Chloropropane	<0.87		2.0	0.87	ug/Kg			02/22/13 00:01	1
1,2-Dibromoethane	<0.31		2.0	0.31	ug/Kg			02/22/13 00:01	1
1,2-Dichlorobenzene	<0.21		2.0	0.21	ug/Kg			02/22/13 00:01	1
1,2-Dichloroethane	<0.29		1.0	0.29	ug/Kg			02/22/13 00:01	1
1,2-Dichloropropane	<0.20		1.0	0.20	ug/Kg			02/22/13 00:01	1
1,3,5-Trimethylbenzene	<0.21		2.0	0.21	ug/Kg			02/22/13 00:01	1
1,3-Dichlorobenzene	<0.26		2.0	0.26	ug/Kg			02/22/13 00:01	1
1,3-Dichloropropane	<0.13		1.0	0.13	ug/Kg			02/22/13 00:01	1
1,4-Dichlorobenzene	<0.17		2.0	0.17	ug/Kg			02/22/13 00:01	1
2,2-Dichloropropane	<0.32		1.0	0.32	ug/Kg			02/22/13 00:01	1
2-Chlorotoluene	<0.21		1.0	0.21	ug/Kg			02/22/13 00:01	1
4-Chlorotoluene	<0.20		1.0	0.20	ug/Kg			02/22/13 00:01	1
Benzene	<0.074		0.25	0.074	ug/Kg			02/22/13 00:01	1
Bromobenzene	<0.43		2.0	0.43	ug/Kg			02/22/13 00:01	1
Bromochloromethane	<0.38		2.0	0.38	ug/Kg			02/22/13 00:01	1
Bromodichloromethane	<0.34		2.0	0.34	ug/Kg			02/22/13 00:01	1
Bromoform	<0.44		2.0	0.44	ug/Kg			02/22/13 00:01	1
Bromomethane	<0.68		2.0	0.68	ug/Kg			02/22/13 00:01	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/Kg			02/22/13 00:01	1
Chlorobenzene	<0.14		1.0	0.14	ug/Kg			02/22/13 00:01	1
Chloroethane	<0.44		2.0	0.44	ug/Kg			02/22/13 00:01	1
Chloroform	<0.21		1.0	0.21	ug/Kg			02/22/13 00:01	1
Chloromethane	<0.46		2.0	0.46	ug/Kg			02/22/13 00:01	1
cis-1,2-Dichloroethene	<0.12		1.0	0.12	ug/Kg			02/22/13 00:01	1
cis-1,3-Dichloropropene	<0.18		1.0	0.18	ug/Kg			02/22/13 00:01	1
Dibromochloromethane	<0.35		2.0	0.35	ug/Kg			02/22/13 00:01	1
Dibromomethane	<0.48		2.0	0.48	ug/Kg			02/22/13 00:01	1
Dichlorodifluoromethane	<0.51		2.0	0.51	ug/Kg			02/22/13 00:01	1
Ethylbenzene	<0.13		0.25	0.13	ug/Kg			02/22/13 00:01	1
Hexachlorobutadiene	<0.35		2.0	0.35	ug/Kg			02/22/13 00:01	1
Isopropyl ether	<0.15		2.0	0.15	ug/Kg			02/22/13 00:01	1
Isopropylbenzene	<0.25		2.0	0.25	ug/Kg			02/22/13 00:01	1
Methyl tert-butyl ether	<0.43		2.0	0.43	ug/Kg			02/22/13 00:01	1
Methylene Chloride	<0.68		5.0	0.68	ug/Kg			02/22/13 00:01	1
Naphthalene	<0.49		2.0	0.49	ug/Kg			02/22/13 00:01	1
n-Butylbenzene	<0.13		1.0	0.13	ug/Kg			02/22/13 00:01	1
N-Propylbenzene	<0.18		2.0	0.18	ug/Kg			02/22/13 00:01	1
p-Isopropyltoluene	<0.19		2.0	0.19	ug/Kg			02/22/13 00:01	1

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54673-1

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

Lab Sample ID: MB 500-178250/6

Matrix: Solid

Analysis Batch: 178250

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
sec-Butylbenzene	<0.15		1.0	0.15	ug/Kg			02/22/13 00:01	1
Styrene	<0.099		1.0	0.099	ug/Kg			02/22/13 00:01	1
tert-Butylbenzene	<0.14		1.0	0.14	ug/Kg			02/22/13 00:01	1
Tetrachloroethene	<0.17		1.0	0.17	ug/Kg			02/22/13 00:01	1
Toluene	<0.12		0.25	0.12	ug/Kg			02/22/13 00:01	1
trans-1,2-Dichloroethene	<0.25		1.0	0.25	ug/Kg			02/22/13 00:01	1
trans-1,3-Dichloropropene	<0.21		1.0	0.21	ug/Kg			02/22/13 00:01	1
Trichloroethene	<0.19		0.50	0.19	ug/Kg			02/22/13 00:01	1
Trichlorofluoromethane	<0.42		2.0	0.42	ug/Kg			02/22/13 00:01	1
Vinyl chloride	<0.10		0.25	0.10	ug/Kg			02/22/13 00:01	1
Xylenes, Total	<0.068		0.50	0.068	ug/Kg			02/22/13 00:01	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	91		75 - 125		02/22/13 00:01	1
4-Bromofluorobenzene (Surr)	93		75 - 120		02/22/13 00:01	1
Dibromofluoromethane	96		75 - 120		02/22/13 00:01	1
Toluene-d8 (Surr)	98		75 - 120		02/22/13 00:01	1

Lab Sample ID: LCS 500-178250/4

Matrix: Solid

Analysis Batch: 178250

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	50.0	48.5		ug/Kg		97	70 - 123
1,1,1,2-Tetrachloroethane	50.0	43.0		ug/Kg		86	70 - 128
1,1,2-Trichloroethane	50.0	41.7		ug/Kg		83	69 - 120
1,1-Dichloroethane	50.0	45.7		ug/Kg		91	68 - 121
1,1-Dichloroethene	50.0	45.0		ug/Kg		90	58 - 122
1,1-Dichloropropene	50.0	44.8		ug/Kg		90	70 - 120
1,2,3-Trichlorobenzene	50.0	44.6		ug/Kg		89	56 - 137
1,2,3-Trichloropropene	50.0	43.6		ug/Kg		87	70 - 120
1,2,4-Trichlorobenzene	50.0	43.1		ug/Kg		86	65 - 121
1,2,4-Trimethylbenzene	50.0	47.3		ug/Kg		95	75 - 121
1,2-Dibromo-3-Chloropropane	50.0	41.6		ug/Kg		83	60 - 121
1,2-Dibromoethane	50.0	43.3		ug/Kg		87	70 - 120
1,2-Dichlorobenzene	50.0	43.0		ug/Kg		86	75 - 120
1,2-Dichloroethane	50.0	41.8		ug/Kg		84	69 - 120
1,2-Dichloropropane	50.0	46.3		ug/Kg		93	70 - 120
1,3,5-Trimethylbenzene	50.0	48.4		ug/Kg		97	75 - 123
1,3-Dichlorobenzene	50.0	42.3		ug/Kg		85	70 - 120
1,3-Dichloropropane	50.0	43.9		ug/Kg		88	70 - 120
1,4-Dichlorobenzene	50.0	45.2		ug/Kg		90	75 - 120
2,2-Dichloropropane	50.0	50.9		ug/Kg		102	67 - 125
2-Chlorotoluene	50.0	42.9		ug/Kg		86	70 - 120
4-Chlorotoluene	50.0	43.6		ug/Kg		87	70 - 120
Benzene	50.0	44.1		ug/Kg		88	70 - 120
Bromobenzene	50.0	46.1		ug/Kg		92	70 - 120

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54673-1

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

Lab Sample ID: LCS 500-178250/4

Matrix: Solid

Analysis Batch: 178250

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromochloromethane	50.0	44.0		ug/Kg		88	67 - 122
Bromodichloromethane	50.0	43.8		ug/Kg		88	70 - 120
Bromoform	50.0	48.7		ug/Kg		97	70 - 125
Bromomethane	50.0	48.2		ug/Kg		96	50 - 150
Carbon tetrachloride	50.0	47.3		ug/Kg		95	70 - 125
Chlorobenzene	50.0	43.2		ug/Kg		86	70 - 120
Chloroethane	50.0	47.5		ug/Kg		95	50 - 150
Chloroform	50.0	46.2		ug/Kg		92	70 - 120
Chloromethane	50.0	43.7		ug/Kg		87	50 - 134
cis-1,2-Dichloroethene	50.0	45.5		ug/Kg		91	70 - 120
cis-1,3-Dichloropropene	53.8	50.1		ug/Kg		93	70 - 120
Dibromochloromethane	50.0	45.2		ug/Kg		90	70 - 120
Dibromomethane	50.0	42.5		ug/Kg		85	70 - 120
Dichlorodifluoromethane	50.0	49.4		ug/Kg		99	40 - 140
Ethylbenzene	50.0	46.3		ug/Kg		93	75 - 120
Hexachlorobutadiene	50.0	46.4		ug/Kg		93	70 - 135
Isopropylbenzene	50.0	44.8		ug/Kg		90	70 - 120
Methyl tert-butyl ether	50.0	47.5		ug/Kg		95	58 - 122
Methylene Chloride	50.0	43.7		ug/Kg		87	65 - 125
Naphthalene	50.0	46.2		ug/Kg		92	55 - 132
n-Butylbenzene	50.0	45.9		ug/Kg		92	75 - 120
N-Propylbenzene	50.0	43.5		ug/Kg		87	70 - 120
p-Isopropyltoluene	50.0	43.5		ug/Kg		87	70 - 120
sec-Butylbenzene	50.0	44.2		ug/Kg		88	70 - 120
Styrene	50.0	45.9		ug/Kg		92	75 - 120
tert-Butylbenzene	50.0	44.8		ug/Kg		90	70 - 120
Tetrachloroethene	50.0	45.9		ug/Kg		92	70 - 123
Toluene	50.0	44.3		ug/Kg		89	70 - 120
trans-1,2-Dichloroethene	50.0	46.7		ug/Kg		93	70 - 124
trans-1,3-Dichloropropene	48.6	46.6		ug/Kg		96	70 - 120
Trichloroethene	50.0	46.6		ug/Kg		93	70 - 120
Trichlorofluoromethane	50.0	47.6		ug/Kg		95	63 - 134
Vinyl chloride	50.0	53.5		ug/Kg		107	62 - 138
Xylenes, Total	150	133		ug/Kg		88	70 - 120

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	89		75 - 125
4-Bromofluorobenzene (Surr)	95		75 - 120
Dibromofluoromethane	93		75 - 120
Toluene-d8 (Surr)	95		75 - 120

Lab Sample ID: MB 500-178326/6

Matrix: Solid

Analysis Batch: 178326

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1,2-Tetrachloroethane	<0.35		2.0	0.35	ug/Kg			02/22/13 12:36	1
1,1,1-Trichloroethane	<0.20		1.0	0.20	ug/Kg			02/22/13 12:36	1

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54673-1

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

Lab Sample ID: MB 500-178326/6

Matrix: Solid

Analysis Batch: 178326

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,2,2-Tetrachloroethane	<0.23		1.0	0.23	ug/Kg			02/22/13 12:36	1
1,1,2-Trichloroethane	<0.28		1.0	0.28	ug/Kg			02/22/13 12:36	1
1,1-Dichloroethane	<0.19		1.0	0.19	ug/Kg			02/22/13 12:36	1
1,1-Dichloroethene	<0.31		1.0	0.31	ug/Kg			02/22/13 12:36	1
1,1-Dichloropropene	<0.34		1.0	0.34	ug/Kg			02/22/13 12:36	1
1,2,3-Trichlorobenzene	<0.35		2.0	0.35	ug/Kg			02/22/13 12:36	1
1,2,3-Trichloropropane	<0.57		2.0	0.57	ug/Kg			02/22/13 12:36	1
1,2,4-Trichlorobenzene	<0.38		2.0	0.38	ug/Kg			02/22/13 12:36	1
1,2,4-Trimethylbenzene	<0.21		2.0	0.21	ug/Kg			02/22/13 12:36	1
1,2-Dibromo-3-Chloropropane	<0.87		2.0	0.87	ug/Kg			02/22/13 12:36	1
1,2-Dibromoethane	<0.31		2.0	0.31	ug/Kg			02/22/13 12:36	1
1,2-Dichlorobenzene	<0.21		2.0	0.21	ug/Kg			02/22/13 12:36	1
1,2-Dichloroethane	<0.29		1.0	0.29	ug/Kg			02/22/13 12:36	1
1,2-Dichloropropane	<0.20		1.0	0.20	ug/Kg			02/22/13 12:36	1
1,3,5-Trimethylbenzene	<0.21		2.0	0.21	ug/Kg			02/22/13 12:36	1
1,3-Dichlorobenzene	<0.26		2.0	0.26	ug/Kg			02/22/13 12:36	1
1,3-Dichloropropane	<0.13		1.0	0.13	ug/Kg			02/22/13 12:36	1
1,4-Dichlorobenzene	<0.17		2.0	0.17	ug/Kg			02/22/13 12:36	1
2,2-Dichloropropane	<0.32		1.0	0.32	ug/Kg			02/22/13 12:36	1
2-Chlorotoluene	<0.21		1.0	0.21	ug/Kg			02/22/13 12:36	1
4-Chlorotoluene	<0.20		1.0	0.20	ug/Kg			02/22/13 12:36	1
Benzene	<0.074		0.25	0.074	ug/Kg			02/22/13 12:36	1
Bromobenzene	<0.43		2.0	0.43	ug/Kg			02/22/13 12:36	1
Bromochloromethane	<0.38		2.0	0.38	ug/Kg			02/22/13 12:36	1
Bromodichloromethane	<0.34		2.0	0.34	ug/Kg			02/22/13 12:36	1
Bromoform	<0.44		2.0	0.44	ug/Kg			02/22/13 12:36	1
Bromomethane	<0.68		2.0	0.68	ug/Kg			02/22/13 12:36	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/Kg			02/22/13 12:36	1
Chlorobenzene	<0.14		1.0	0.14	ug/Kg			02/22/13 12:36	1
Chloroethane	<0.44		2.0	0.44	ug/Kg			02/22/13 12:36	1
Chloroform	<0.21		1.0	0.21	ug/Kg			02/22/13 12:36	1
Chloromethane	<0.46		2.0	0.46	ug/Kg			02/22/13 12:36	1
cis-1,2-Dichloroethene	<0.12		1.0	0.12	ug/Kg			02/22/13 12:36	1
cis-1,3-Dichloropropene	<0.18		1.0	0.18	ug/Kg			02/22/13 12:36	1
Dibromochloromethane	<0.35		2.0	0.35	ug/Kg			02/22/13 12:36	1
Dibromomethane	<0.48		2.0	0.48	ug/Kg			02/22/13 12:36	1
Dichlorodifluoromethane	<0.51		2.0	0.51	ug/Kg			02/22/13 12:36	1
Ethylbenzene	<0.13		0.25	0.13	ug/Kg			02/22/13 12:36	1
Hexachlorobutadiene	<0.35		2.0	0.35	ug/Kg			02/22/13 12:36	1
Isopropyl ether	<0.15		2.0	0.15	ug/Kg			02/22/13 12:36	1
Isopropylbenzene	<0.25		2.0	0.25	ug/Kg			02/22/13 12:36	1
Methyl tert-butyl ether	<0.43		2.0	0.43	ug/Kg			02/22/13 12:36	1
Methylene Chloride	<0.68		5.0	0.68	ug/Kg			02/22/13 12:36	1
Naphthalene	<0.49		2.0	0.49	ug/Kg			02/22/13 12:36	1
n-Butylbenzene	<0.13		1.0	0.13	ug/Kg			02/22/13 12:36	1
N-Propylbenzene	<0.18		2.0	0.18	ug/Kg			02/22/13 12:36	1
p-Isopropyltoluene	<0.19		2.0	0.19	ug/Kg			02/22/13 12:36	1
sec-Butylbenzene	<0.15		1.0	0.15	ug/Kg			02/22/13 12:36	1

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54673-1

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

Lab Sample ID: MB 500-178326/6

Matrix: Solid

Analysis Batch: 178326

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Styrene	<0.099		1.0	0.099	ug/Kg			02/22/13 12:36	1
tert-Butylbenzene	<0.14		1.0	0.14	ug/Kg			02/22/13 12:36	1
Tetrachloroethene	<0.17		1.0	0.17	ug/Kg			02/22/13 12:36	1
Toluene	<0.12		0.25	0.12	ug/Kg			02/22/13 12:36	1
trans-1,2-Dichloroethene	<0.25		1.0	0.25	ug/Kg			02/22/13 12:36	1
trans-1,3-Dichloropropene	<0.21		1.0	0.21	ug/Kg			02/22/13 12:36	1
Trichloroethene	<0.19		0.50	0.19	ug/Kg			02/22/13 12:36	1
Trichlorofluoromethane	<0.42		2.0	0.42	ug/Kg			02/22/13 12:36	1
Vinyl chloride	<0.10		0.25	0.10	ug/Kg			02/22/13 12:36	1
Xylenes, Total	<0.068		0.50	0.068	ug/Kg			02/22/13 12:36	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	89		75 - 125		02/22/13 12:36	1
4-Bromofluorobenzene (Surr)	89		75 - 120		02/22/13 12:36	1
Dibromofluoromethane	86		75 - 120		02/22/13 12:36	1
Toluene-d8 (Surr)	93		75 - 120		02/22/13 12:36	1

Lab Sample ID: LCS 500-178326/4

Matrix: Solid

Analysis Batch: 178326

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	50.0	45.3		ug/Kg		91	70 - 123
1,1,1,2-Tetrachloroethane	50.0	40.1		ug/Kg		80	70 - 128
1,1,2-Trichloroethane	50.0	38.8		ug/Kg		78	69 - 120
1,1-Dichloroethane	50.0	43.2		ug/Kg		86	68 - 121
1,1-Dichloroethene	50.0	41.7		ug/Kg		83	58 - 122
1,1-Dichloropropene	50.0	42.6		ug/Kg		85	70 - 120
1,2,3-Trichlorobenzene	50.0	43.2		ug/Kg		86	56 - 137
1,2,3-Trichloropropene	50.0	40.5		ug/Kg		81	70 - 120
1,2,4-Trichlorobenzene	50.0	43.1		ug/Kg		86	65 - 121
1,2,4-Trimethylbenzene	50.0	45.3		ug/Kg		91	75 - 121
1,2-Dibromo-3-Chloropropane	50.0	38.9		ug/Kg		78	60 - 121
1,2-Dibromoethane	50.0	40.1		ug/Kg		80	70 - 120
1,2-Dichlorobenzene	50.0	40.4		ug/Kg		81	75 - 120
1,2-Dichloroethane	50.0	38.3		ug/Kg		77	69 - 120
1,2-Dichloropropane	50.0	42.4		ug/Kg		85	70 - 120
1,3,5-Trimethylbenzene	50.0	46.6		ug/Kg		93	75 - 123
1,3-Dichlorobenzene	50.0	41.1		ug/Kg		82	70 - 120
1,3-Dichloropropane	50.0	40.4		ug/Kg		81	70 - 120
1,4-Dichlorobenzene	50.0	43.7		ug/Kg		87	75 - 120
2,2-Dichloropropane	50.0	49.3		ug/Kg		99	67 - 125
2-Chlorotoluene	50.0	41.0		ug/Kg		82	70 - 120
4-Chlorotoluene	50.0	41.6		ug/Kg		83	70 - 120
Benzene	50.0	41.9		ug/Kg		84	70 - 120
Bromobenzene	50.0	43.2		ug/Kg		86	70 - 120
Bromochloromethane	50.0	40.4		ug/Kg		81	67 - 122

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54673-1

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

Lab Sample ID: LCS 500-178326/4

Matrix: Solid

Analysis Batch: 178326

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromodichloromethane	50.0	40.1		ug/Kg		80	70 - 120
Bromoform	50.0	44.0		ug/Kg		88	70 - 125
Bromomethane	50.0	47.5		ug/Kg		95	50 - 150
Carbon tetrachloride	50.0	45.1		ug/Kg		90	70 - 125
Chlorobenzene	50.0	40.9		ug/Kg		82	70 - 120
Chloroethane	50.0	45.1		ug/Kg		90	50 - 150
Chloroform	50.0	42.2		ug/Kg		84	70 - 120
Chloromethane	50.0	41.8		ug/Kg		84	50 - 134
cis-1,2-Dichloroethene	50.0	42.8		ug/Kg		86	70 - 120
cis-1,3-Dichloropropene	53.8	47.1		ug/Kg		88	70 - 120
Dibromochloromethane	50.0	40.8		ug/Kg		82	70 - 120
Dibromomethane	50.0	38.5		ug/Kg		77	70 - 120
Dichlorodifluoromethane	50.0	47.9		ug/Kg		96	40 - 140
Ethylbenzene	50.0	43.9		ug/Kg		88	75 - 120
Hexachlorobutadiene	50.0	47.2		ug/Kg		94	70 - 135
Isopropylbenzene	50.0	42.2		ug/Kg		84	70 - 120
Methyl tert-butyl ether	50.0	42.2		ug/Kg		84	58 - 122
Methylene Chloride	50.0	39.6		ug/Kg		79	65 - 125
Naphthalene	50.0	42.2		ug/Kg		84	55 - 132
n-Butylbenzene	50.0	46.2		ug/Kg		92	75 - 120
N-Propylbenzene	50.0	41.9		ug/Kg		84	70 - 120
p-Isopropyltoluene	50.0	42.4		ug/Kg		85	70 - 120
sec-Butylbenzene	50.0	42.8		ug/Kg		86	70 - 120
Styrene	50.0	44.0		ug/Kg		88	75 - 120
tert-Butylbenzene	50.0	42.4		ug/Kg		85	70 - 120
Tetrachloroethene	50.0	45.0		ug/Kg		90	70 - 123
Toluene	50.0	42.0		ug/Kg		84	70 - 120
trans-1,2-Dichloroethene	50.0	43.6		ug/Kg		87	70 - 124
trans-1,3-Dichloropropene	48.6	43.2		ug/Kg		89	70 - 120
Trichloroethene	50.0	43.1		ug/Kg		86	70 - 120
Trichlorofluoromethane	50.0	45.3		ug/Kg		91	63 - 134
Vinyl chloride	50.0	51.1		ug/Kg		102	62 - 138
Xylenes, Total	150	127		ug/Kg		85	70 - 120

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	89		75 - 125
4-Bromofluorobenzene (Surr)	97		75 - 120
Dibromofluoromethane	91		75 - 120
Toluene-d8 (Surr)	96		75 - 120

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 500-178042/1-A

Matrix: Solid

Analysis Batch: 178558

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 178042

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1-Methylnaphthalene	<17		33	17	ug/Kg		02/19/13 17:14	02/26/13 11:06	1

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54673-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 500-178042/1-A

Matrix: Solid

Analysis Batch: 178558

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 178042

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
2-Methylnaphthalene	<43		170	43	ug/Kg		02/19/13 17:14	02/26/13 11:06	1
Acenaphthene	<9.9		33	9.9	ug/Kg		02/19/13 17:14	02/26/13 11:06	1
Acenaphthylene	<7.6		33	7.6	ug/Kg		02/19/13 17:14	02/26/13 11:06	1
Anthracene	<7.8		33	7.8	ug/Kg		02/19/13 17:14	02/26/13 11:06	1
Benzo[a]anthracene	<7.0		33	7.0	ug/Kg		02/19/13 17:14	02/26/13 11:06	1
Benzo[a]pyrene	<6.1		33	6.1	ug/Kg		02/19/13 17:14	02/26/13 11:06	1
Benzo[b]fluoranthene	<6.5		33	6.5	ug/Kg		02/19/13 17:14	02/26/13 11:06	1
Benzo[g,h,i]perylene	<11		33	11	ug/Kg		02/19/13 17:14	02/26/13 11:06	1
Benzo[k]fluoranthene	<7.9		33	7.9	ug/Kg		02/19/13 17:14	02/26/13 11:06	1
Chrysene	<7.5		33	7.5	ug/Kg		02/19/13 17:14	02/26/13 11:06	1
Dibenz(a,h)anthracene	<9.3		33	9.3	ug/Kg		02/19/13 17:14	02/26/13 11:06	1
Fluoranthene	<14		33	14	ug/Kg		02/19/13 17:14	02/26/13 11:06	1
Fluorene	<7.6		33	7.6	ug/Kg		02/19/13 17:14	02/26/13 11:06	1
Indeno[1,2,3-cd]pyrene	<11		33	11	ug/Kg		02/19/13 17:14	02/26/13 11:06	1
Naphthalene	<6.4		33	6.4	ug/Kg		02/19/13 17:14	02/26/13 11:06	1
Phenanthrene	<14		33	14	ug/Kg		02/19/13 17:14	02/26/13 11:06	1
Pyrene	<12		33	12	ug/Kg		02/19/13 17:14	02/26/13 11:06	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
2-Fluorobiphenyl	86		30 - 119	02/19/13 17:14	02/26/13 11:06	1
Nitrobenzene-d5 (Surr)	73		30 - 115	02/19/13 17:14	02/26/13 11:06	1
Terphenyl-d14 (Surr)	78		36 - 134	02/19/13 17:14	02/26/13 11:06	1

Lab Sample ID: LCS 500-178042/2-A

Matrix: Solid

Analysis Batch: 178558

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 178042

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	1670	1280		ug/Kg		77	53 - 110
Acenaphthylene	1670	1220		ug/Kg		73	51 - 110
Anthracene	1670	1170		ug/Kg		70	52 - 110
Benzo[a]anthracene	1670	1210		ug/Kg		72	57 - 110
Benzo[a]pyrene	1670	1170		ug/Kg		70	56 - 110
Benzo[b]fluoranthene	1670	1150		ug/Kg		69	50 - 110
Benzo[g,h,i]perylene	1670	1450		ug/Kg		87	54 - 117
Benzo[k]fluoranthene	1670	986		ug/Kg		59	43 - 121
Chrysene	1670	1120		ug/Kg		67	54 - 110
Dibenz(a,h)anthracene	1670	1230		ug/Kg		74	52 - 118
Fluoranthene	1670	1230		ug/Kg		74	55 - 113
Fluorene	1670	1230		ug/Kg		74	52 - 112
Indeno[1,2,3-cd]pyrene	1670	1260		ug/Kg		76	53 - 116
Naphthalene	1670	1230		ug/Kg		74	48 - 110
Phenanthrene	1670	1540		ug/Kg		92	51 - 116
Pyrene	1670	1210		ug/Kg		73	50 - 112

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54673-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-178042/2-A

Matrix: Solid

Analysis Batch: 178558

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 178042

<i>Surrogate</i>	<i>LCS</i> <i>%Recovery</i>	<i>LCS</i> <i>Qualifier</i>	<i>Limits</i>
2-Fluorobiphenyl	100		30 - 119
Nitrobenzene-d5 (Surr)	86		30 - 115
Terphenyl-d14 (Surr)	103		36 - 134

Lab Sample ID: 500-54673-3 MS

Matrix: Solid

Analysis Batch: 178911

Client Sample ID: B-99 20'

Prep Type: Total/NA

Prep Batch: 178042

<i>Analyte</i>	<i>Sample</i> <i>Result</i>	<i>Sample</i> <i>Qualifier</i>	<i>Spike</i> <i>Added</i>	<i>MS</i> <i>Result</i>	<i>MS</i> <i>Qualifier</i>	<i>Unit</i>	<i>D</i>	<i>%Rec</i>	<i>%Rec.</i> <i>Limits</i>
	2-Methylnaphthalene	<48		1860	1240				
Acenaphthene	<11		1860	1310		ug/Kg	*	70	53 - 110
Acenaphthylene	<8.5		1860	1160		ug/Kg	*	63	51 - 110
Anthracene	9.6	J	1860	1180		ug/Kg	*	63	52 - 110
Benzo[a]anthracene	<7.7		1860	1120		ug/Kg	*	60	57 - 110
Benzo[a]pyrene	<6.7		1860	1290		ug/Kg	*	69	56 - 110
Benzo[b]fluoranthene	<7.2		1860	1340		ug/Kg	*	72	50 - 110
Benzo[g,h,i]perylene	<12		1860	1310		ug/Kg	*	70	54 - 117
Benzo[k]fluoranthene	<8.8		1860	1230		ug/Kg	*	66	43 - 121
Chrysene	14	J	1860	1090		ug/Kg	*	58	54 - 110
Dibenz(a,h)anthracene	<10		1860	1260		ug/Kg	*	68	52 - 118
Fluoranthene	29	J	1860	1180		ug/Kg	*	62	55 - 113
Fluorene	<8.4		1860	1270		ug/Kg	*	68	52 - 112
Indeno[1,2,3-cd]pyrene	<12		1860	1260		ug/Kg	*	68	53 - 116
Naphthalene	69		1860	1370		ug/Kg	*	70	48 - 110
Phenanthrene	26	J	1860	1300		ug/Kg	*	69	51 - 116
Pyrene	20	J	1860	1350		ug/Kg	*	72	50 - 112

<i>Surrogate</i>	<i>MS</i> <i>%Recovery</i>	<i>MS</i> <i>Qualifier</i>	<i>Limits</i>
2-Fluorobiphenyl	79		30 - 119
Nitrobenzene-d5 (Surr)	64		30 - 115
Terphenyl-d14 (Surr)	83		36 - 134

Lab Sample ID: 500-54673-3 MSD

Matrix: Solid

Analysis Batch: 178911

Client Sample ID: B-99 20'

Prep Type: Total/NA

Prep Batch: 178042

<i>Analyte</i>	<i>Sample</i> <i>Result</i>	<i>Sample</i> <i>Qualifier</i>	<i>Spike</i> <i>Added</i>	<i>MSD</i> <i>Result</i>	<i>MSD</i> <i>Qualifier</i>	<i>Unit</i>	<i>D</i>	<i>%Rec</i>	<i>%Rec.</i> <i>Limits</i>	<i>RPD</i>	<i>RPD</i> <i>Limit</i>
	2-Methylnaphthalene	<48		1860	1070					ug/Kg	*
Acenaphthene	<11		1860	1230		ug/Kg	*	66	53 - 110	6	30
Acenaphthylene	<8.5		1860	1110		ug/Kg	*	60	51 - 110	5	30
Anthracene	9.6	J	1860	1190		ug/Kg	*	63	52 - 110	1	30
Benzo[a]anthracene	<7.7		1860	1090		ug/Kg	*	59	57 - 110	2	30
Benzo[a]pyrene	<6.7		1860	1260		ug/Kg	*	68	56 - 110	2	30
Benzo[b]fluoranthene	<7.2		1860	1250		ug/Kg	*	67	50 - 110	7	30
Benzo[g,h,i]perylene	<12		1860	1220		ug/Kg	*	65	54 - 117	7	30
Benzo[k]fluoranthene	<8.8		1860	1230		ug/Kg	*	66	43 - 121	0	30
Chrysene	14	J	1860	1060		ug/Kg	*	56	54 - 110	3	30
Dibenz(a,h)anthracene	<10		1860	1180		ug/Kg	*	63	52 - 118	7	30

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54673-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 500-54673-3 MSD
Matrix: Solid
Analysis Batch: 178911

Client Sample ID: B-99 20'
Prep Type: Total/NA
Prep Batch: 178042

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.		RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits	RPD		
Fluoranthene	29	J	1860	1260		ug/Kg	✱	66	55 - 113	7	30	
Fluorene	<8.4		1860	1230		ug/Kg	✱	66	52 - 112	3	30	
Indeno[1,2,3-cd]pyrene	<12		1860	1170		ug/Kg	✱	63	53 - 116	7	30	
Naphthalene	69		1860	1080		ug/Kg	✱	54	48 - 110	24	30	
Phenanthrene	26	J	1860	1270		ug/Kg	✱	67	51 - 116	3	30	
Pyrene	20	J	1860	1270		ug/Kg	✱	67	50 - 112	6	30	
MSD MSD												
Surrogate	%Recovery	Qualifier	Limits									
2-Fluorobiphenyl	73		30 - 119									
Nitrobenzene-d5 (Surr)	54		30 - 115									
Terphenyl-d14 (Surr)	79		36 - 134									

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

Lab Sample ID: MB 500-178043/1-A
Matrix: Solid
Analysis Batch: 177990

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 178043

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
PCB-1016	<5.9		17	5.9	ug/Kg		02/19/13 17:17	02/20/13 01:39	1
PCB-1221	<7.3		17	7.3	ug/Kg		02/19/13 17:17	02/20/13 01:39	1
PCB-1232	<7.3		17	7.3	ug/Kg		02/19/13 17:17	02/20/13 01:39	1
PCB-1242	<5.5		17	5.5	ug/Kg		02/19/13 17:17	02/20/13 01:39	1
PCB-1248	<6.6		17	6.6	ug/Kg		02/19/13 17:17	02/20/13 01:39	1
PCB-1254	<3.6		17	3.6	ug/Kg		02/19/13 17:17	02/20/13 01:39	1
PCB-1260	<8.2		17	8.2	ug/Kg		02/19/13 17:17	02/20/13 01:39	1
MB MB									
Surrogate	%Recovery	Qualifier	Limits		Prepared		Analyzed		Dil Fac
Tetrachloro-m-xylene	85		50 - 116		02/19/13 17:17		02/20/13 01:39		1
DCB Decachlorobiphenyl	96		48 - 142		02/19/13 17:17		02/20/13 01:39		1

Lab Sample ID: LCS 500-178043/2-A
Matrix: Solid
Analysis Batch: 177990

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 178043

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec.	
		Added	Result				Qualifier	Limits
PCB-1016	167	138		ug/Kg		83	59 - 110	
PCB-1260	167	153		ug/Kg		92	69 - 120	
LCS LCS								
Surrogate	%Recovery	Qualifier	Limits					
Tetrachloro-m-xylene	84		50 - 116					
DCB Decachlorobiphenyl	92		48 - 142					

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54673-1

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

Lab Sample ID: 500-54673-10 MS

Matrix: Solid

Analysis Batch: 177990

Client Sample ID: B-54 10-12'

Prep Type: Total/NA

Prep Batch: 178043

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.	Limits
	Result	Qualifier	Added	Result	Qualifier					
PCB-1016	<6.8		189	138		ug/Kg	☼	73		59 - 110
PCB-1260	<9.4		189	142		ug/Kg	☼	75		69 - 120
MS MS										
Surrogate	%Recovery	Qualifier	Limits							
Tetrachloro- <i>m</i> -xylene	65		50 - 116							
DCB Decachlorobiphenyl	69		48 - 142							

Lab Sample ID: 500-54673-10 MSD

Matrix: Solid

Analysis Batch: 177990

Client Sample ID: B-54 10-12'

Prep Type: Total/NA

Prep Batch: 178043

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	Limits	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier							
PCB-1016	<6.8		188	150		ug/Kg	☼	80		59 - 110	8	30
PCB-1260	<9.4		188	154		ug/Kg	☼	82		69 - 120	9	30
MSD MSD												
Surrogate	%Recovery	Qualifier	Limits									
Tetrachloro- <i>m</i> -xylene	81		50 - 116									
DCB Decachlorobiphenyl	86		48 - 142									

Lab Chronicle

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54673-1

Client Sample ID: B-68 15'

Lab Sample ID: 500-54673-1

Date Collected: 02/13/13 09:05

Matrix: Solid

Date Received: 02/19/13 10:20

Percent Solids: 81.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			178052	02/13/13 09:05	WRE	TAL CHI
Total/NA	Analysis	8260B		50	178250	02/22/13 01:19	BBS	TAL CHI
Total/NA	Prep	3541			178042	02/19/13 17:14	DEA	TAL CHI
Total/NA	Analysis	8270D		1	178799	02/28/13 12:13	PMF	TAL CHI
Total/NA	Analysis	Moisture		1	178142	02/20/13 14:39	MP	TAL CHI

Client Sample ID: B-99 15'

Lab Sample ID: 500-54673-2

Date Collected: 02/13/13 12:15

Matrix: Solid

Date Received: 02/19/13 10:20

Percent Solids: 84.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			178052	02/13/13 12:15	WRE	TAL CHI
Total/NA	Analysis	8260B		500	178250	02/22/13 01:45	BBS	TAL CHI
Total/NA	Prep	5035	DL		178052	02/13/13 12:15	WRE	TAL CHI
Total/NA	Analysis	8260B	DL	5000	178250	02/22/13 02:12	BBS	TAL CHI
Total/NA	Prep	3541			178042	02/19/13 17:14	DEA	TAL CHI
Total/NA	Analysis	8270D		50	178799	02/28/13 12:34	PMF	TAL CHI
Total/NA	Prep	3541	DL		178042	02/19/13 17:14	DEA	TAL CHI
Total/NA	Analysis	8270D	DL	250	178911	03/01/13 15:45	PMF	TAL CHI
Total/NA	Analysis	Moisture		1	178142	02/20/13 14:39	MP	TAL CHI

Client Sample ID: B-99 20'

Lab Sample ID: 500-54673-3

Date Collected: 02/13/13 12:35

Matrix: Solid

Date Received: 02/19/13 10:20

Percent Solids: 89.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			178052	02/13/13 12:35	WRE	TAL CHI
Total/NA	Analysis	8260B		50	178326	02/22/13 13:54	BBS	TAL CHI
Total/NA	Prep	3541			178042	02/19/13 17:14	DEA	TAL CHI
Total/NA	Analysis	8270D		1	178799	02/28/13 12:54	PMF	TAL CHI
Total/NA	Analysis	Moisture		1	178142	02/20/13 14:39	MP	TAL CHI

Client Sample ID: B-53 0-2'

Lab Sample ID: 500-54673-4

Date Collected: 02/13/13 13:40

Matrix: Solid

Date Received: 02/19/13 10:20

Percent Solids: 84.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			178052	02/13/13 13:40	WRE	TAL CHI
Total/NA	Analysis	8260B		50	178250	02/22/13 03:04	BBS	TAL CHI
Total/NA	Prep	3541			178042	02/19/13 17:14	DEA	TAL CHI
Total/NA	Analysis	8270D		10	178799	02/28/13 13:15	PMF	TAL CHI
Total/NA	Prep	3541			178043	02/19/13 17:17	DEA	TAL CHI
Total/NA	Analysis	8082		5	177990	02/20/13 09:51	GMO	TAL CHI

TestAmerica Chicago

Lab Chronicle

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54673-1

Client Sample ID: B-53 0-2'

Lab Sample ID: 500-54673-4

Date Collected: 02/13/13 13:40

Matrix: Solid

Date Received: 02/19/13 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	178142	02/20/13 14:39	MP	TAL CHI

Client Sample ID: B-53 12-14'

Lab Sample ID: 500-54673-5

Date Collected: 02/13/13 13:50

Matrix: Solid

Date Received: 02/19/13 10:20

Percent Solids: 86.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			178052	02/13/13 13:50	WRE	TAL CHI
Total/NA	Analysis	8260B		100	178250	02/22/13 03:30	BBS	TAL CHI
Total/NA	Prep	5035	DL		178052	02/13/13 13:50	WRE	TAL CHI
Total/NA	Analysis	8260B	DL	1000	178250	02/22/13 03:57	BBS	TAL CHI
Total/NA	Prep	3541			178042	02/19/13 17:14	DEA	TAL CHI
Total/NA	Analysis	8270D		1	178799	02/28/13 13:36	PMF	TAL CHI
Total/NA	Prep	3541	DL		178042	02/19/13 17:14	DEA	TAL CHI
Total/NA	Analysis	8270D	DL	20	178979	03/04/13 10:34	PMF	TAL CHI
Total/NA	Prep	3541			178043	02/19/13 17:17	DEA	TAL CHI
Total/NA	Analysis	8082		1	177990	02/20/13 02:36	GMO	TAL CHI
Total/NA	Analysis	Moisture		1	178142	02/20/13 14:39	MP	TAL CHI

Client Sample ID: B-52 0-2'

Lab Sample ID: 500-54673-6

Date Collected: 02/13/13 14:05

Matrix: Solid

Date Received: 02/19/13 10:20

Percent Solids: 84.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			178052	02/13/13 14:05	WRE	TAL CHI
Total/NA	Analysis	8260B		50	178326	02/22/13 14:20	BBS	TAL CHI
Total/NA	Prep	3541			178042	02/19/13 17:14	DEA	TAL CHI
Total/NA	Analysis	8270D		5	178799	02/28/13 13:56	PMF	TAL CHI
Total/NA	Prep	3541			178043	02/19/13 17:17	DEA	TAL CHI
Total/NA	Analysis	8082		2	177990	02/20/13 10:05	GMO	TAL CHI
Total/NA	Analysis	Moisture		1	178142	02/20/13 14:39	MP	TAL CHI

Client Sample ID: B-52 10-12'

Lab Sample ID: 500-54673-7

Date Collected: 02/13/13 14:10

Matrix: Solid

Date Received: 02/19/13 10:20

Percent Solids: 84.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			178052	02/13/13 14:10	WRE	TAL CHI
Total/NA	Analysis	8260B		50	178326	02/22/13 14:46	BBS	TAL CHI
Total/NA	Prep	3541			178042	02/19/13 17:14	DEA	TAL CHI
Total/NA	Analysis	8270D		1	178799	02/28/13 14:19	PMF	TAL CHI
Total/NA	Prep	3541			178043	02/19/13 17:17	DEA	TAL CHI
Total/NA	Analysis	8082		1	177990	02/20/13 03:03	GMO	TAL CHI

TestAmerica Chicago

Lab Chronicle

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54673-1

Client Sample ID: B-52 10-12'

Lab Sample ID: 500-54673-7

Date Collected: 02/13/13 14:10

Matrix: Solid

Date Received: 02/19/13 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	178142	02/20/13 14:39	MP	TAL CHI

Client Sample ID: B-52 15'

Lab Sample ID: 500-54673-8

Date Collected: 02/13/13 14:15

Matrix: Solid

Date Received: 02/19/13 10:20

Percent Solids: 82.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			178052	02/13/13 14:15	WRE	TAL CHI
Total/NA	Analysis	8260B		50	178250	02/22/13 05:15	BBS	TAL CHI
Total/NA	Prep	3541			178042	02/19/13 17:14	DEA	TAL CHI
Total/NA	Analysis	8270D		1	178799	02/28/13 17:04	PMF	TAL CHI
Total/NA	Analysis	Moisture		1	178142	02/20/13 14:39	MP	TAL CHI

Client Sample ID: B-54 0-2'

Lab Sample ID: 500-54673-9

Date Collected: 02/13/13 14:35

Matrix: Solid

Date Received: 02/19/13 10:20

Percent Solids: 88.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			178052	02/13/13 14:35	WRE	TAL CHI
Total/NA	Analysis	8260B		50	178250	02/22/13 05:41	BBS	TAL CHI
Total/NA	Prep	3541			178042	02/19/13 17:14	DEA	TAL CHI
Total/NA	Analysis	8270D		1	178799	02/28/13 21:53	PMF	TAL CHI
Total/NA	Prep	3541			178043	02/19/13 17:17	DEA	TAL CHI
Total/NA	Analysis	8082		1	177990	02/20/13 03:17	GMO	TAL CHI
Total/NA	Analysis	Moisture		1	178142	02/20/13 14:39	MP	TAL CHI

Client Sample ID: B-54 10-12'

Lab Sample ID: 500-54673-10

Date Collected: 02/13/13 14:40

Matrix: Solid

Date Received: 02/19/13 10:20

Percent Solids: 85.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			178052	02/13/13 14:40	WRE	TAL CHI
Total/NA	Analysis	8260B		50	178250	02/22/13 06:08	BBS	TAL CHI
Total/NA	Prep	3541			178042	02/19/13 17:14	DEA	TAL CHI
Total/NA	Analysis	8270D		1	178799	02/28/13 22:13	PMF	TAL CHI
Total/NA	Prep	3541			178043	02/19/13 17:17	DEA	TAL CHI
Total/NA	Analysis	8082		1	177990	02/20/13 03:32	GMO	TAL CHI
Total/NA	Analysis	Moisture		1	178142	02/20/13 14:39	MP	TAL CHI

Lab Chronicle

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54673-1

Client Sample ID: B-54 15'

Lab Sample ID: 500-54673-11

Date Collected: 02/13/13 14:45

Matrix: Solid

Date Received: 02/19/13 10:20

Percent Solids: 88.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			178052	02/13/13 14:45	WRE	TAL CHI
Total/NA	Analysis	8260B		50	178250	02/22/13 06:34	BBS	TAL CHI
Total/NA	Prep	3541			178042	02/19/13 17:14	DEA	TAL CHI
Total/NA	Analysis	8270D		1	178911	03/01/13 16:28	PMF	TAL CHI
Total/NA	Analysis	Moisture		1	178142	02/20/13 14:39	MP	TAL CHI

Client Sample ID: B-100 15'

Lab Sample ID: 500-54673-12

Date Collected: 02/13/13 16:10

Matrix: Solid

Date Received: 02/19/13 10:20

Percent Solids: 90.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			178052	02/13/13 16:10	WRE	TAL CHI
Total/NA	Analysis	8260B		50	178250	02/22/13 07:00	BBS	TAL CHI
Total/NA	Prep	5035	DL		178052	02/13/13 16:10	WRE	TAL CHI
Total/NA	Analysis	8260B	DL	500	178250	02/22/13 07:26	BBS	TAL CHI
Total/NA	Prep	3541			178042	02/19/13 17:14	DEA	TAL CHI
Total/NA	Analysis	8270D		5	178911	03/01/13 16:50	PMF	TAL CHI
Total/NA	Analysis	Moisture		1	178142	02/20/13 14:39	MP	TAL CHI

Client Sample ID: B-100 20'

Lab Sample ID: 500-54673-13

Date Collected: 02/13/13 16:15

Matrix: Solid

Date Received: 02/19/13 10:20

Percent Solids: 90.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			178052	02/13/13 16:15	WRE	TAL CHI
Total/NA	Analysis	8260B		50	178326	02/22/13 15:12	BBS	TAL CHI
Total/NA	Prep	3541			178042	02/19/13 17:14	DEA	TAL CHI
Total/NA	Analysis	8270D		1	178911	03/01/13 17:09	PMF	TAL CHI
Total/NA	Analysis	Moisture		1	178142	02/20/13 14:39	MP	TAL CHI

Client Sample ID: TB-2

Lab Sample ID: 500-54673-14

Date Collected: 02/13/13 00:00

Matrix: Solid

Date Received: 02/19/13 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			178052	02/13/13 00:00	WRE	TAL CHI
Total/NA	Analysis	8260B		50	178250	02/22/13 00:27	BBS	TAL CHI

Laboratory References:

TAL CHI = TestAmerica Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

Certification Summary

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54673-1

Laboratory: TestAmerica Chicago

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Alabama	State Program	4	40461	04-30-13
California	NELAP	9	01132CA	04-30-13
Georgia	State Program	4	N/A	04-30-13
Georgia	State Program	4	939	04-30-13
Hawaii	State Program	9	N/A	04-30-13
Illinois	NELAP	5	100201	04-30-13
Indiana	State Program	5	C-IL-02	04-30-13
Iowa	State Program	7	82	05-01-14
Kansas	NELAP	7	E-10161	10-31-13
Kentucky	State Program	4	90023	12-31-13
Kentucky (UST)	State Program	4	66	04-11-13
Louisiana	NELAP	6	30720	06-30-13
Massachusetts	State Program	1	M-IL035	06-30-13
Mississippi	State Program	4	N/A	04-30-13
North Carolina DENR	State Program	4	291	12-31-13
North Dakota	State Program	8	R-194	04-30-13
Oklahoma	State Program	6	8908	08-31-13
South Carolina	State Program	4	77001	04-30-13
Texas	NELAP	6	T104704252-09-TX	02-28-14
USDA	Federal		P330-12-00038	02-06-15
Virginia	NELAP	3	460142	06-14-13
Wisconsin	State Program	5	999580010	08-31-13
Wyoming	State Program	8	8TMS-Q	04-30-13

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

2417 Bond Street, University Park, IL 60484
 Phone: 708.534.5200 Fax: 708.534.5211

Report To (optional)
 Contact: Mike Noel
 Company: Tetra Tech
 Address: 175 N. Corporate Dr Suite 120
Brookfield, WI 53005
 Phone: (262) 792-1282
 Fax: (262) 792-1310
 E-Mail:

Bill To (optional)
 Contact:
 Company:
 Address:
 Address:
 Phone:
 Fax:
 PO#/Reference#

Chain of Custody Record

Lab Job #: 500-54673

Chain of Custody Number: _____

Page 1 of _____

Temperature °C of Cooler: 1.5

Client		Client Project #		Preservative		Parameter		Matrix		Preservative Key 1. HCL, Cool to 4° 2. H2SO4, Cool to 4° 3. HNO3, Cool to 4° 4. NaOH, Cool to 4° 5. NaOH/Zn, Cool to 4° 6. NaHSD4 7. Cool to 4° 8. None 9. Other	
Project Name		Lab Project #		Matrix		Matrix		Matrix			
Project Location/State		Lab PM		Matrix		Matrix		Matrix			
Tetra Tech		117-2201289.02		89 8 8 8		VOCS		PAH		Dry/Wt PCB	
Beazer Oak Creek											
Oak Creek, WI											
Sampler: Ashley A. Weimer											
Lab ID	MS/MSD	Sample ID	2013 Sampling Date	Time	# of Containers	Matrix	Matrix	Matrix	Matrix		Comments
1		B-68 15'	2-13	0905	3	S	✓	✓	✓		
2		B-99 15'		1215	3		✓	✓	✓		
3		B-99 20'		1235	3		✓	✓	✓		
4		B-53 0-2'		1340	3		✓	✓	✓		
5		B-53 12-14'		1350	3		✓	✓	✓		
6		B-52 0-2'		1405	3		✓	✓	✓		
7		B-52 10-12'		1410	3		✓	✓	✓		
8		B-52 15'		1415	3		✓	✓	✓		
9		B-54 0-2'		1435	3		✓	✓	✓		
10		B-54 10-12'	✓	14:40	3	✓	✓	✓	✓		

Turnaround Time Required (Business Days)

___ 1 Day ___ 2 Days ___ 5 Days ___ 7 Days ___ 10 Days ___ 15 Days ___ Other

Sample Disposal

Return to Client

Disposal by Lab

Archive for _____ Months

(A fee may be assessed if samples are retained longer than 1 month)

Relinquished By: <u>Ashley Weimer</u>	Company: <u>Tetra Tech</u>	Date: <u>2-18-13</u>	Time: <u>1700</u>	Received By: <u>Jest</u>	Company: <u>TA</u>	Date: <u>2/19/13</u>	Time: <u>1620</u>
Relinquished By:	Company:	Date:	Time:	Received By:	Company:	Date:	Time:
Relinquished By:	Company:	Date:	Time:	Received By:	Company:	Date:	Time:

Lab Courier: _____

Shipped: FX

Hand Delivered: _____

Matrix Key

- WW - Wastewater
- W - Water
- S - Soil
- SL - Sludge
- MS - Miscellaneous
- OL - Oil
- A - Air
- SE - Sediment
- SO - Soil
- L - Leachate
- WI - Wipe
- DW - Drinking Water
- O - Other

Client Comments

PAH + PCB analyzed from same jar

Lab Comments:

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2417 Bond Street, University Park, IL 60484
Phone: 708.534.5200 Fax: 708.534.5211

Report To (optional)	Bill To (optional)
Contact: <u>Mike Noel</u>	Contact: _____
Company: <u>Tetra Tech</u>	Company: _____
Address: <u>175 N. CORPORATE DR Suite 100</u>	Address: _____
Address: <u>BROOKFIELD, WI 53045</u>	Address: _____
Phone: <u>(602) 792-1282</u>	Phone: _____
Fax: <u>(602) 792-1310</u>	Fax: _____
E-Mail: _____	PO#/Reference#: _____

Chain of Custody Record

Lab Job #: 500-54673

Chain of Custody Number: _____

Page 2 of _____

Temperature °C of Cooler: _____

Client		Client Project #		Preservative		Parameter		Matrix		Preservative Key 1. HCL, Cool to 4° 2. H2SO4, Cool to 4° 3. HNO3, Cool to 4° 4. NaOH, Cool to 4° 5. NaOH/Zn, Cool to 4° 6. NaHSO4 7. Cool to 4° 8. None 9. Other
Project Name		Lab Project #		Parameter		Matrix		Comments		
Project Location/State		Lab Project #		Parameter		Matrix				
Tetra Tech		ID: 2001289.02		9		8		8		Comments
Beazer Oak Creek				VOC		PAH		DRY WT		
Oak Creek, WI										
Lab ID	M/MSD	Sample ID	2013 Sampling Date	Time	# of Containers	Matrix				
11		B-54 15'	2-13	14:45	3	5	✓	✓	✓	
12		B-100 15'	↓	16:10	3	↓	✓	✓	✓	
13		B-100 20'	↓	16:15	3	↓	✓	✓	✓	
14		TB-2	—	—	1	0	✓			TRIP BLANK

Turnaround Time Required (Business Days)

___ 1 Day ___ 2 Days ___ 5 Days ___ 7 Days ___ 10 Days ___ 15 Days ___ Other

Requested Due Date

Sample Disposal

Return to Client Disposal by Lab Archive for ___ Months (A fee may be assessed if samples are retained longer than 1 month)

Relinquished By: <u>Conley Quinn</u>	Company: <u>Tetra Tech</u>	Date: <u>2-18-13</u>	Time: <u>1700</u>	Received By: <u>JL</u>	Company: <u>TA</u>	Date: <u>2/19/13</u>	Time: <u>1020</u>
Relinquished By: _____	Company: _____	Date: _____	Time: _____	Received By: _____	Company: _____	Date: _____	Time: _____
Relinquished By: _____	Company: _____	Date: _____	Time: _____	Received By: _____	Company: _____	Date: _____	Time: _____

Lab Courier: _____

Shipped: EX

Hand Delivered: _____

Matrix Key

WW - Wastewater SE - Sediment
W - Water SO - Soil
S - Soil L - Leachate
SL - Sludge WI - Wipe
MS - Miscellaneous DW - Drinking Water
OL - Oil O - Other
A - Air

Client Comments

PAH + PCB analyzed from same jar

Lab Comments:

Login Sample Receipt Checklist

Client: Tetra Tech GEO

Job Number: 500-54673-1

Login Number: 54673

List Source: TestAmerica Chicago

List Number: 1

Creator: Lunt, Jeff T

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	1.5
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	
There are no discrepancies between the containers received 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	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



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ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Chicago
2417 Bond Street
University Park, IL 60484
Tel: (708)534-5200

TestAmerica Job ID: 500-54777-1
Client Project/Site: Beazer Oak Creek - 117-2201289.02

For:
Tetra Tech GEO
175 N Corporate Drive
Suite 100
Brookfield, Wisconsin 53045

Attn: Michael Noel



Authorized for release by:
3/7/2013 2:25:22 PM

Sandie Fredrick
Project Manager I
sandie.fredrick@testamericainc.com

LINKS

Review your project
results through
TotalAccess

Have a Question?



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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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Case Narrative

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54777-1

Job ID: 500-54777-1

Laboratory: TestAmerica Chicago

Narrative

Job Narrative 500-54777-1

Comments

No additional comments.

Receipt

The samples were received on 2/23/2013 9:45 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 5.5° C.

GC/MS VOA

Method(s) 5035: Extract vials have < 8 grams of soil in 10 ml MeOH

Method(s) 8260B: The matrix spike duplicate (MSD) recoveries for batch 178580 were outside control limits for the following compounds: bromochloromethane, chloroform, and methyl tert-butyl ether. All compounds recovered above the associated control limits. The matrix spike (MS) recoveries were inside control limits for all compounds. The associated laboratory control sample (LCS) recovery met acceptance criteria; therefore, the associated data have been reported.

No other analytical or quality issues were noted.

GC/MS Semi VOA

Method(s) 8270D: One surrogate recovery for the following samples was outside control limits: B-61 0-2' (500-54777-1), B-63 0-2' (500-54777-4). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method(s) 8270D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 178423 were outside control limits, as was the relative percent difference (RPD) between the MS/MSD. The associated laboratory control sample (LCS) recovery met acceptance criteria. B-61 0-2' (500-54777-1)

Method(s) 8270D: The following samples were diluted to bring the concentration of target analytes within the calibration range: B-61 0-2' (500-54777-1), B-63 0-2' (500-54777-4). Elevated reporting limits (RLs) are provided.

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: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54777-1

Client Sample ID: B-61 0-2'

Lab Sample ID: 500-54777-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1-Methylnaphthalene	190		45	22	ug/Kg	1	☼	8270D	Total/NA
2-Methylnaphthalene	170	J	230	59	ug/Kg	1	☼	8270D	Total/NA
Acenaphthene	690		45	13	ug/Kg	1	☼	8270D	Total/NA
Anthracene	1100		45	11	ug/Kg	1	☼	8270D	Total/NA
Fluorene	370		45	10	ug/Kg	1	☼	8270D	Total/NA
Naphthalene	470		45	8.7	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene - DL	25000		900	190	ug/Kg	20	☼	8270D	Total/NA
Benzo[a]pyrene - DL	35000		900	160	ug/Kg	20	☼	8270D	Total/NA
Benzo[b]fluoranthene - DL	40000		900	180	ug/Kg	20	☼	8270D	Total/NA
Benzo[g,h,i]perylene - DL	29000		900	300	ug/Kg	20	☼	8270D	Total/NA
Benzo[k]fluoranthene - DL	15000		900	220	ug/Kg	20	☼	8270D	Total/NA
Chrysene - DL	32000		900	200	ug/Kg	20	☼	8270D	Total/NA
Dibenz(a,h)anthracene - DL	8200		900	250	ug/Kg	20	☼	8270D	Total/NA
Fluoranthene - DL	27000		900	370	ug/Kg	20	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene - DL	24000		900	300	ug/Kg	20	☼	8270D	Total/NA
Phenanthrene - DL	7400		900	380	ug/Kg	20	☼	8270D	Total/NA
Pyrene - DL	28000		900	330	ug/Kg	20	☼	8270D	Total/NA
PCB-1254	22		22	4.8	ug/Kg	1	☼	8082	Total/NA

Client Sample ID: B-61 14-15'

Lab Sample ID: 500-54777-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	44		39	8.2	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	72		39	7.1	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	100		39	7.6	ug/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	26	J	39	13	ug/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	30	J	39	9.3	ug/Kg	1	☼	8270D	Total/NA
Chrysene	63		39	8.8	ug/Kg	1	☼	8270D	Total/NA
Dibenz(a,h)anthracene	11	J	39	11	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	58		39	16	ug/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	29	J	39	13	ug/Kg	1	☼	8270D	Total/NA
Pyrene	70		39	14	ug/Kg	1	☼	8270D	Total/NA

Client Sample ID: B-88 15'

Lab Sample ID: 500-54777-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	290		150	38	ug/Kg	50	☼	8260B	Total/NA
1-Methylnaphthalene	21	J	37	18	ug/Kg	1	☼	8270D	Total/NA
Anthracene	38		37	8.8	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene	32	J	37	7.8	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	29	J	37	6.8	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	45		37	7.2	ug/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	17	J	37	8.9	ug/Kg	1	☼	8270D	Total/NA
Chrysene	49		37	8.4	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	97		37	15	ug/Kg	1	☼	8270D	Total/NA
Fluorene	31	J	37	8.5	ug/Kg	1	☼	8270D	Total/NA
Naphthalene	92		37	7.2	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	110		37	16	ug/Kg	1	☼	8270D	Total/NA
Pyrene	87		37	13	ug/Kg	1	☼	8270D	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Chicago

Detection Summary

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54777-1

Client Sample ID: B-63 0-2'

Lab Sample ID: 500-54777-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	1500		220	54	ug/Kg	50	☼	8260B	Total/NA
Toluene	29		28	13	ug/Kg	50	☼	8260B	Total/NA
Xylenes, Total	93		55	7.5	ug/Kg	50	☼	8260B	Total/NA
1-Methylnaphthalene	2000		400	200	ug/Kg	10	☼	8270D	Total/NA
2-Methylnaphthalene	2700		2000	520	ug/Kg	10	☼	8270D	Total/NA
Acenaphthene	2700		400	120	ug/Kg	10	☼	8270D	Total/NA
Acenaphthylene	220	J	400	92	ug/Kg	10	☼	8270D	Total/NA
Anthracene	4200		400	95	ug/Kg	10	☼	8270D	Total/NA
Dibenz(a,h)anthracene	19000		400	110	ug/Kg	10	☼	8270D	Total/NA
Fluorene	1700		400	91	ug/Kg	10	☼	8270D	Total/NA
Naphthalene	6100		400	78	ug/Kg	10	☼	8270D	Total/NA
Phenanthrene	21000		400	170	ug/Kg	10	☼	8270D	Total/NA
Benzo[a]anthracene - DL	77000		2000	420	ug/Kg	50	☼	8270D	Total/NA
Benzo[a]pyrene - DL	93000		2000	370	ug/Kg	50	☼	8270D	Total/NA
Benzo[b]fluoranthene - DL	110000		2000	390	ug/Kg	50	☼	8270D	Total/NA
Benzo[g,h,i]perylene - DL	70000		2000	680	ug/Kg	50	☼	8270D	Total/NA
Benzo[k]fluoranthene - DL	52000		2000	480	ug/Kg	50	☼	8270D	Total/NA
Chrysene - DL	86000		2000	450	ug/Kg	50	☼	8270D	Total/NA
Fluoranthene - DL	65000		2000	820	ug/Kg	50	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene - DL	59000		2000	680	ug/Kg	50	☼	8270D	Total/NA
Pyrene - DL	87000		2000	730	ug/Kg	50	☼	8270D	Total/NA

Client Sample ID: B-63 8-10'

Lab Sample ID: 500-54777-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	95		38	7.9	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	170		38	6.9	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	210		38	7.4	ug/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	63		38	13	ug/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	78		38	9.0	ug/Kg	1	☼	8270D	Total/NA
Chrysene	120		38	8.5	ug/Kg	1	☼	8270D	Total/NA
Dibenz(a,h)anthracene	25	J	38	11	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	93		38	16	ug/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	61		38	13	ug/Kg	1	☼	8270D	Total/NA
Pyrene	110		38	14	ug/Kg	1	☼	8270D	Total/NA

Client Sample ID: B-64 0-2'

Lab Sample ID: 500-54777-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthylene	10	J	42	9.6	ug/Kg	1	☼	8270D	Total/NA
Anthracene	22	J	42	9.8	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene	190		42	8.8	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	290		42	7.6	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	380		42	8.1	ug/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	130		42	14	ug/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	160		42	10	ug/Kg	1	☼	8270D	Total/NA
Chrysene	230		42	9.4	ug/Kg	1	☼	8270D	Total/NA
Dibenz(a,h)anthracene	42		42	12	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	300		42	17	ug/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	120		42	14	ug/Kg	1	☼	8270D	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Chicago

Detection Summary

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54777-1

Client Sample ID: B-64 0-2' (Continued)

Lab Sample ID: 500-54777-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Phenanthrene	87		42	17	ug/Kg	1	☼	8270D	Total/NA
Pyrene	310		42	15	ug/Kg	1	☼	8270D	Total/NA

Client Sample ID: B-64 10-12'

Lab Sample ID: 500-54777-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Anthracene	18	J	38	9.0	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene	170		38	8.0	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	270		38	7.0	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	380		38	7.4	ug/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	120		38	13	ug/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	140		38	9.1	ug/Kg	1	☼	8270D	Total/NA
Chrysene	230		38	8.6	ug/Kg	1	☼	8270D	Total/NA
Dibenz(a,h)anthracene	38		38	11	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	250		38	16	ug/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	99		38	13	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	71		38	16	ug/Kg	1	☼	8270D	Total/NA
Pyrene	260		38	14	ug/Kg	1	☼	8270D	Total/NA

Client Sample ID: B-65 0-2'

Lab Sample ID: 500-54777-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	9.6	J	39	8.2	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	17	J	39	7.1	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	22	J	39	7.6	ug/Kg	1	☼	8270D	Total/NA
Chrysene	12	J	39	8.8	ug/Kg	1	☼	8270D	Total/NA
Pyrene	14	J	39	14	ug/Kg	1	☼	8270D	Total/NA

Client Sample ID: B-65 12-14'

Lab Sample ID: 500-54777-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1-Methylnaphthalene	48		37	19	ug/Kg	1	☼	8270D	Total/NA
Acenaphthene	26	J	37	11	ug/Kg	1	☼	8270D	Total/NA
Acenaphthylene	23	J	37	8.6	ug/Kg	1	☼	8270D	Total/NA
Anthracene	59		37	8.8	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene	370		37	7.8	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	530		37	6.8	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	790		37	7.3	ug/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	330		37	13	ug/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	290		37	8.9	ug/Kg	1	☼	8270D	Total/NA
Chrysene	410		37	8.4	ug/Kg	1	☼	8270D	Total/NA
Dibenz(a,h)anthracene	80		37	10	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	570		37	15	ug/Kg	1	☼	8270D	Total/NA
Fluorene	54		37	8.5	ug/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	240		37	13	ug/Kg	1	☼	8270D	Total/NA
Naphthalene	1300		37	7.2	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	310		37	16	ug/Kg	1	☼	8270D	Total/NA
Pyrene	580		37	14	ug/Kg	1	☼	8270D	Total/NA

Client Sample ID: B-115 15'

Lab Sample ID: 500-54777-10

This Detection Summary does not include radiochemical test results.

TestAmerica Chicago

Detection Summary

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54777-1

Client Sample ID: B-115 15' (Continued)

Lab Sample ID: 500-54777-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1-Methylnaphthalene	19	J	39	19	ug/Kg	1	☼	8270D	Total/NA
Acenaphthene	13	J	39	12	ug/Kg	1	☼	8270D	Total/NA
Acenaphthylene	98		39	9.0	ug/Kg	1	☼	8270D	Total/NA
Anthracene	96		39	9.2	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene	520		39	8.2	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	710		39	7.1	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	900		39	7.6	ug/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	760		39	13	ug/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	290		39	9.3	ug/Kg	1	☼	8270D	Total/NA
Chrysene	530		39	8.8	ug/Kg	1	☼	8270D	Total/NA
Dibenz(a,h)anthracene	230		39	11	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	700		39	16	ug/Kg	1	☼	8270D	Total/NA
Fluorene	30	J	39	8.9	ug/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	590		39	13	ug/Kg	1	☼	8270D	Total/NA
Naphthalene	24	J	39	7.5	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	270		39	16	ug/Kg	1	☼	8270D	Total/NA
Pyrene	880		39	14	ug/Kg	1	☼	8270D	Total/NA

Client Sample ID: B-107 15'

Lab Sample ID: 500-54777-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	820		150	16	ug/Kg	50	☼	8260B	Total/NA
1,3,5-Trimethylbenzene	330		150	16	ug/Kg	50	☼	8260B	Total/NA
Benzene	1400		19	5.7	ug/Kg	50	☼	8260B	Total/NA
Ethylbenzene	2600		19	9.7	ug/Kg	50	☼	8260B	Total/NA
Isopropylbenzene	71	J	150	19	ug/Kg	50	☼	8260B	Total/NA
Styrene	550		77	7.6	ug/Kg	50	☼	8260B	Total/NA
Toluene	300		19	8.9	ug/Kg	50	☼	8260B	Total/NA
Xylenes, Total	5600		39	5.3	ug/Kg	50	☼	8260B	Total/NA
Naphthalene - DL	32000		1500	380	ug/Kg	500	☼	8260B	Total/NA
Benzo[a]pyrene	8.4	J	37	6.9	ug/Kg	1	☼	8270D	Total/NA

Client Sample ID: B-51 0-2'

Lab Sample ID: 500-54777-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]pyrene	9.1	J	39	7.1	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	9.9	J	39	7.5	ug/Kg	1	☼	8270D	Total/NA
PCB-1254	14	J	20	4.3	ug/Kg	1	☼	8082	Total/NA

Client Sample ID: B-51 14-15'

Lab Sample ID: 500-54777-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	13	J	42	8.9	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	15	J	42	7.7	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	17	J	42	8.2	ug/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	22	J	42	14	ug/Kg	1	☼	8270D	Total/NA
Chrysene	25	J	42	9.5	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	21	J	42	17	ug/Kg	1	☼	8270D	Total/NA
Pyrene	30	J	42	15	ug/Kg	1	☼	8270D	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Chicago

Detection Summary

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54777-1

Client Sample ID: TB-3

Lab Sample ID: 500-54777-14

No Detections

1

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This Detection Summary does not include radiochemical test results.

TestAmerica Chicago

Method Summary

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54777-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL CHI
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL CHI
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL CHI
Moisture	Percent Moisture	EPA	TAL CHI

Protocol References:

EPA = US Environmental Protection Agency

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

Laboratory References:

TAL CHI = TestAmerica Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200



Sample Summary

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54777-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-54777-1	B-61 0-2'	Solid	02/19/13 09:05	02/23/13 09:45
500-54777-2	B-61 14-15'	Solid	02/19/13 09:20	02/23/13 09:45
500-54777-3	B-88 15'	Solid	02/19/13 10:35	02/23/13 09:45
500-54777-4	B-63 0-2'	Solid	02/19/13 11:15	02/23/13 09:45
500-54777-5	B-63 8-10'	Solid	02/19/13 11:35	02/23/13 09:45
500-54777-6	B-64 0-2'	Solid	02/19/13 11:50	02/23/13 09:45
500-54777-7	B-64 10-12'	Solid	02/19/13 12:00	02/23/13 09:45
500-54777-8	B-65 0-2'	Solid	02/19/13 12:35	02/23/13 09:45
500-54777-9	B-65 12-14'	Solid	02/19/13 12:40	02/23/13 09:45
500-54777-10	B-115 15'	Solid	02/19/13 13:05	02/23/13 09:45
500-54777-11	B-107 15'	Solid	02/20/13 10:25	02/23/13 09:45
500-54777-12	B-51 0-2'	Solid	02/20/13 12:05	02/23/13 09:45
500-54777-13	B-51 14-15'	Solid	02/20/13 12:25	02/23/13 09:45
500-54777-14	TB-3	Solid	02/19/13 00:00	02/23/13 09:45

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54777-1

Client Sample ID: B-61 0-2'

Lab Sample ID: 500-54777-1

Date Collected: 02/19/13 09:05

Matrix: Solid

Date Received: 02/23/13 09:45

Percent Solids: 71.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<36		210	36	ug/Kg	*	02/19/13 09:05	02/26/13 17:10	50
1,1,1-Trichloroethane	<21		100	21	ug/Kg	*	02/19/13 09:05	02/26/13 17:10	50
1,1,2,2-Tetrachloroethane	<24		100	24	ug/Kg	*	02/19/13 09:05	02/26/13 17:10	50
1,1,2-Trichloroethane	<29		100	29	ug/Kg	*	02/19/13 09:05	02/26/13 17:10	50
1,1-Dichloroethane	<19		100	19	ug/Kg	*	02/19/13 09:05	02/26/13 17:10	50
1,1-Dichloroethene	<32		100	32	ug/Kg	*	02/19/13 09:05	02/26/13 17:10	50
1,1-Dichloropropene	<36		100	36	ug/Kg	*	02/19/13 09:05	02/26/13 17:10	50
1,2,3-Trichlorobenzene	<36		210	36	ug/Kg	*	02/19/13 09:05	02/26/13 17:10	50
1,2,3-Trichloropropane	<60		210	60	ug/Kg	*	02/19/13 09:05	02/26/13 17:10	50
1,2,4-Trichlorobenzene	<39		210	39	ug/Kg	*	02/19/13 09:05	02/26/13 17:10	50
1,2,4-Trimethylbenzene	<22		210	22	ug/Kg	*	02/19/13 09:05	02/26/13 17:10	50
1,2-Dibromo-3-Chloropropane	<91		210	91	ug/Kg	*	02/19/13 09:05	02/26/13 17:10	50
1,2-Dibromoethane	<33		210	33	ug/Kg	*	02/19/13 09:05	02/26/13 17:10	50
1,2-Dichlorobenzene	<21		210	21	ug/Kg	*	02/19/13 09:05	02/26/13 17:10	50
1,2-Dichloroethane	<30		100	30	ug/Kg	*	02/19/13 09:05	02/26/13 17:10	50
1,2-Dichloropropane	<20		100	20	ug/Kg	*	02/19/13 09:05	02/26/13 17:10	50
1,3,5-Trimethylbenzene	<21		210	21	ug/Kg	*	02/19/13 09:05	02/26/13 17:10	50
1,3-Dichlorobenzene	<27		210	27	ug/Kg	*	02/19/13 09:05	02/26/13 17:10	50
1,3-Dichloropropane	<14		100	14	ug/Kg	*	02/19/13 09:05	02/26/13 17:10	50
1,4-Dichlorobenzene	<18		210	18	ug/Kg	*	02/19/13 09:05	02/26/13 17:10	50
2,2-Dichloropropane	<33		100	33	ug/Kg	*	02/19/13 09:05	02/26/13 17:10	50
2-Chlorotoluene	<22		100	22	ug/Kg	*	02/19/13 09:05	02/26/13 17:10	50
4-Chlorotoluene	<20		100	20	ug/Kg	*	02/19/13 09:05	02/26/13 17:10	50
Benzene	<7.7		26	7.7	ug/Kg	*	02/19/13 09:05	02/26/13 17:10	50
Bromobenzene	<44		210	44	ug/Kg	*	02/19/13 09:05	02/26/13 17:10	50
Bromochloromethane	<39		210	39	ug/Kg	*	02/19/13 09:05	02/26/13 17:10	50
Bromodichloromethane	<35		210	35	ug/Kg	*	02/19/13 09:05	02/26/13 17:10	50
Bromoform	<46		210	46	ug/Kg	*	02/19/13 09:05	02/26/13 17:10	50
Bromomethane	<71		210	71	ug/Kg	*	02/19/13 09:05	02/26/13 17:10	50
Carbon tetrachloride	<27		100	27	ug/Kg	*	02/19/13 09:05	02/26/13 17:10	50
Chlorobenzene	<15		100	15	ug/Kg	*	02/19/13 09:05	02/26/13 17:10	50
Chloroethane	<45		210	45	ug/Kg	*	02/19/13 09:05	02/26/13 17:10	50
Chloroform	<21		100	21	ug/Kg	*	02/19/13 09:05	02/26/13 17:10	50
Chloromethane	<48		210	48	ug/Kg	*	02/19/13 09:05	02/26/13 17:10	50
cis-1,2-Dichloroethene	<13		100	13	ug/Kg	*	02/19/13 09:05	02/26/13 17:10	50
cis-1,3-Dichloropropene	<19		100	19	ug/Kg	*	02/19/13 09:05	02/26/13 17:10	50
Dibromochloromethane	<36		210	36	ug/Kg	*	02/19/13 09:05	02/26/13 17:10	50
Dibromomethane	<50		210	50	ug/Kg	*	02/19/13 09:05	02/26/13 17:10	50
Dichlorodifluoromethane	<53		210	53	ug/Kg	*	02/19/13 09:05	02/26/13 17:10	50
Ethylbenzene	<13		26	13	ug/Kg	*	02/19/13 09:05	02/26/13 17:10	50
Hexachlorobutadiene	<36		210	36	ug/Kg	*	02/19/13 09:05	02/26/13 17:10	50
Isopropyl ether	<15		210	15	ug/Kg	*	02/19/13 09:05	02/26/13 17:10	50
Isopropylbenzene	<26		210	26	ug/Kg	*	02/19/13 09:05	02/26/13 17:10	50
Methyl tert-butyl ether	<45		210	45	ug/Kg	*	02/19/13 09:05	02/26/13 17:10	50
Methylene Chloride	<71		520	71	ug/Kg	*	02/19/13 09:05	02/26/13 17:10	50
Naphthalene	<51		210	51	ug/Kg	*	02/19/13 09:05	02/26/13 17:10	50
n-Butylbenzene	<13		100	13	ug/Kg	*	02/19/13 09:05	02/26/13 17:10	50
N-Propylbenzene	<18		210	18	ug/Kg	*	02/19/13 09:05	02/26/13 17:10	50
p-Isopropyltoluene	<19		210	19	ug/Kg	*	02/19/13 09:05	02/26/13 17:10	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54777-1

Client Sample ID: B-61 0-2'

Lab Sample ID: 500-54777-1

Date Collected: 02/19/13 09:05

Matrix: Solid

Date Received: 02/23/13 09:45

Percent Solids: 71.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<16		100	16	ug/Kg	☼	02/19/13 09:05	02/26/13 17:10	50
Styrene	<10		100	10	ug/Kg	☼	02/19/13 09:05	02/26/13 17:10	50
tert-Butylbenzene	<14		100	14	ug/Kg	☼	02/19/13 09:05	02/26/13 17:10	50
Tetrachloroethene	<17		100	17	ug/Kg	☼	02/19/13 09:05	02/26/13 17:10	50
Toluene	<12		26	12	ug/Kg	☼	02/19/13 09:05	02/26/13 17:10	50
trans-1,2-Dichloroethene	<26		100	26	ug/Kg	☼	02/19/13 09:05	02/26/13 17:10	50
trans-1,3-Dichloropropene	<22		100	22	ug/Kg	☼	02/19/13 09:05	02/26/13 17:10	50
Trichloroethene	<19		52	19	ug/Kg	☼	02/19/13 09:05	02/26/13 17:10	50
Trichlorofluoromethane	<43		210	43	ug/Kg	☼	02/19/13 09:05	02/26/13 17:10	50
Vinyl chloride	<11		26	11	ug/Kg	☼	02/19/13 09:05	02/26/13 17:10	50
Xylenes, Total	<7.1		52	7.1	ug/Kg	☼	02/19/13 09:05	02/26/13 17:10	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		75 - 125				02/19/13 09:05	02/26/13 17:10	50
4-Bromofluorobenzene (Surr)	94		75 - 120				02/19/13 09:05	02/26/13 17:10	50
Dibromofluoromethane	98		75 - 120				02/19/13 09:05	02/26/13 17:10	50
Toluene-d8 (Surr)	98		75 - 120				02/19/13 09:05	02/26/13 17:10	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	190		45	22	ug/Kg	☼	02/25/13 07:15	03/05/13 18:05	1
2-Methylnaphthalene	170	J	230	59	ug/Kg	☼	02/25/13 07:15	03/05/13 18:05	1
Acenaphthene	690		45	13	ug/Kg	☼	02/25/13 07:15	03/05/13 18:05	1
Acenaphthylene	<10		45	10	ug/Kg	☼	02/25/13 07:15	03/05/13 18:05	1
Anthracene	1100		45	11	ug/Kg	☼	02/25/13 07:15	03/05/13 18:05	1
Fluorene	370		45	10	ug/Kg	☼	02/25/13 07:15	03/05/13 18:05	1
Naphthalene	470		45	8.7	ug/Kg	☼	02/25/13 07:15	03/05/13 18:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	46		30 - 119				02/25/13 07:15	03/05/13 18:05	1
Nitrobenzene-d5 (Surr)	35		30 - 115				02/25/13 07:15	03/05/13 18:05	1
Terphenyl-d14 (Surr)	35	X	36 - 134				02/25/13 07:15	03/05/13 18:05	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	25000		900	190	ug/Kg	☼	02/25/13 07:15	03/06/13 15:45	20
Benzo[a]pyrene	35000		900	160	ug/Kg	☼	02/25/13 07:15	03/06/13 15:45	20
Benzo[b]fluoranthene	40000		900	180	ug/Kg	☼	02/25/13 07:15	03/06/13 15:45	20
Benzo[g,h,i]perylene	29000		900	300	ug/Kg	☼	02/25/13 07:15	03/06/13 15:45	20
Benzo[k]fluoranthene	15000		900	220	ug/Kg	☼	02/25/13 07:15	03/06/13 15:45	20
Chrysene	32000		900	200	ug/Kg	☼	02/25/13 07:15	03/06/13 15:45	20
Dibenz(a,h)anthracene	8200		900	250	ug/Kg	☼	02/25/13 07:15	03/06/13 15:45	20
Fluoranthene	27000		900	370	ug/Kg	☼	02/25/13 07:15	03/06/13 15:45	20
Indeno[1,2,3-cd]pyrene	24000		900	300	ug/Kg	☼	02/25/13 07:15	03/06/13 15:45	20
Phenanthrene	7400		900	380	ug/Kg	☼	02/25/13 07:15	03/06/13 15:45	20
Pyrene	28000		900	330	ug/Kg	☼	02/25/13 07:15	03/06/13 15:45	20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<7.8		22	7.8	ug/Kg	☼	02/25/13 07:06	02/26/13 10:30	1
PCB-1221	<9.8		22	9.8	ug/Kg	☼	02/25/13 07:06	02/26/13 10:30	1

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54777-1

Client Sample ID: B-61 0-2'

Lab Sample ID: 500-54777-1

Date Collected: 02/19/13 09:05

Matrix: Solid

Date Received: 02/23/13 09:45

Percent Solids: 71.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1232	<9.7		22	9.7	ug/Kg	☼	02/25/13 07:06	02/26/13 10:30	1
PCB-1242	<7.3		22	7.3	ug/Kg	☼	02/25/13 07:06	02/26/13 10:30	1
PCB-1248	<8.7		22	8.7	ug/Kg	☼	02/25/13 07:06	02/26/13 10:30	1
PCB-1254	22		22	4.8	ug/Kg	☼	02/25/13 07:06	02/26/13 10:30	1
PCB-1260	<11		22	11	ug/Kg	☼	02/25/13 07:06	02/26/13 10:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	81		50 - 116	02/25/13 07:06	02/26/13 10:30	1
DCB Decachlorobiphenyl	81		48 - 142	02/25/13 07:06	02/26/13 10:30	1

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54777-1

Client Sample ID: B-61 14-15'

Lab Sample ID: 500-54777-2

Date Collected: 02/19/13 09:20

Matrix: Solid

Date Received: 02/23/13 09:45

Percent Solids: 82.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<30		180	30	ug/Kg	*	02/19/13 09:20	02/26/13 17:36	50
1,1,1-Trichloroethane	<18		88	18	ug/Kg	*	02/19/13 09:20	02/26/13 17:36	50
1,1,2,2-Tetrachloroethane	<20		88	20	ug/Kg	*	02/19/13 09:20	02/26/13 17:36	50
1,1,2-Trichloroethane	<24		88	24	ug/Kg	*	02/19/13 09:20	02/26/13 17:36	50
1,1-Dichloroethane	<16		88	16	ug/Kg	*	02/19/13 09:20	02/26/13 17:36	50
1,1-Dichloroethene	<27		88	27	ug/Kg	*	02/19/13 09:20	02/26/13 17:36	50
1,1-Dichloropropene	<30		88	30	ug/Kg	*	02/19/13 09:20	02/26/13 17:36	50
1,2,3-Trichlorobenzene	<31		180	31	ug/Kg	*	02/19/13 09:20	02/26/13 17:36	50
1,2,3-Trichloropropane	<50		180	50	ug/Kg	*	02/19/13 09:20	02/26/13 17:36	50
1,2,4-Trichlorobenzene	<33		180	33	ug/Kg	*	02/19/13 09:20	02/26/13 17:36	50
1,2,4-Trimethylbenzene	<18		180	18	ug/Kg	*	02/19/13 09:20	02/26/13 17:36	50
1,2-Dibromo-3-Chloropropane	<76		180	76	ug/Kg	*	02/19/13 09:20	02/26/13 17:36	50
1,2-Dibromoethane	<27		180	27	ug/Kg	*	02/19/13 09:20	02/26/13 17:36	50
1,2-Dichlorobenzene	<18		180	18	ug/Kg	*	02/19/13 09:20	02/26/13 17:36	50
1,2-Dichloroethane	<25		88	25	ug/Kg	*	02/19/13 09:20	02/26/13 17:36	50
1,2-Dichloropropane	<17		88	17	ug/Kg	*	02/19/13 09:20	02/26/13 17:36	50
1,3,5-Trimethylbenzene	<18		180	18	ug/Kg	*	02/19/13 09:20	02/26/13 17:36	50
1,3-Dichlorobenzene	<22		180	22	ug/Kg	*	02/19/13 09:20	02/26/13 17:36	50
1,3-Dichloropropane	<12		88	12	ug/Kg	*	02/19/13 09:20	02/26/13 17:36	50
1,4-Dichlorobenzene	<15		180	15	ug/Kg	*	02/19/13 09:20	02/26/13 17:36	50
2,2-Dichloropropane	<28		88	28	ug/Kg	*	02/19/13 09:20	02/26/13 17:36	50
2-Chlorotoluene	<18		88	18	ug/Kg	*	02/19/13 09:20	02/26/13 17:36	50
4-Chlorotoluene	<17		88	17	ug/Kg	*	02/19/13 09:20	02/26/13 17:36	50
Benzene	<6.5		22	6.5	ug/Kg	*	02/19/13 09:20	02/26/13 17:36	50
Bromobenzene	<37		180	37	ug/Kg	*	02/19/13 09:20	02/26/13 17:36	50
Bromochloromethane	<33		180	33	ug/Kg	*	02/19/13 09:20	02/26/13 17:36	50
Bromodichloromethane	<30		180	30	ug/Kg	*	02/19/13 09:20	02/26/13 17:36	50
Bromoform	<39		180	39	ug/Kg	*	02/19/13 09:20	02/26/13 17:36	50
Bromomethane	<60		180	60	ug/Kg	*	02/19/13 09:20	02/26/13 17:36	50
Carbon tetrachloride	<22		88	22	ug/Kg	*	02/19/13 09:20	02/26/13 17:36	50
Chlorobenzene	<13		88	13	ug/Kg	*	02/19/13 09:20	02/26/13 17:36	50
Chloroethane	<38		180	38	ug/Kg	*	02/19/13 09:20	02/26/13 17:36	50
Chloroform	<18		88	18	ug/Kg	*	02/19/13 09:20	02/26/13 17:36	50
Chloromethane	<40		180	40	ug/Kg	*	02/19/13 09:20	02/26/13 17:36	50
cis-1,2-Dichloroethene	<11		88	11	ug/Kg	*	02/19/13 09:20	02/26/13 17:36	50
cis-1,3-Dichloropropene	<16		88	16	ug/Kg	*	02/19/13 09:20	02/26/13 17:36	50
Dibromochloromethane	<30		180	30	ug/Kg	*	02/19/13 09:20	02/26/13 17:36	50
Dibromomethane	<42		180	42	ug/Kg	*	02/19/13 09:20	02/26/13 17:36	50
Dichlorodifluoromethane	<45		180	45	ug/Kg	*	02/19/13 09:20	02/26/13 17:36	50
Ethylbenzene	<11		22	11	ug/Kg	*	02/19/13 09:20	02/26/13 17:36	50
Hexachlorobutadiene	<30		180	30	ug/Kg	*	02/19/13 09:20	02/26/13 17:36	50
Isopropyl ether	<13		180	13	ug/Kg	*	02/19/13 09:20	02/26/13 17:36	50
Isopropylbenzene	<22		180	22	ug/Kg	*	02/19/13 09:20	02/26/13 17:36	50
Methyl tert-butyl ether	<38		180	38	ug/Kg	*	02/19/13 09:20	02/26/13 17:36	50
Methylene Chloride	<60		440	60	ug/Kg	*	02/19/13 09:20	02/26/13 17:36	50
Naphthalene	<43		180	43	ug/Kg	*	02/19/13 09:20	02/26/13 17:36	50
n-Butylbenzene	<11		88	11	ug/Kg	*	02/19/13 09:20	02/26/13 17:36	50
N-Propylbenzene	<15		180	15	ug/Kg	*	02/19/13 09:20	02/26/13 17:36	50
p-Isopropyltoluene	<16		180	16	ug/Kg	*	02/19/13 09:20	02/26/13 17:36	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54777-1

Client Sample ID: B-61 14-15'

Lab Sample ID: 500-54777-2

Date Collected: 02/19/13 09:20

Matrix: Solid

Date Received: 02/23/13 09:45

Percent Solids: 82.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<13		88	13	ug/Kg	☼	02/19/13 09:20	02/26/13 17:36	50
Styrene	<8.6		88	8.6	ug/Kg	☼	02/19/13 09:20	02/26/13 17:36	50
tert-Butylbenzene	<12		88	12	ug/Kg	☼	02/19/13 09:20	02/26/13 17:36	50
Tetrachloroethene	<15		88	15	ug/Kg	☼	02/19/13 09:20	02/26/13 17:36	50
Toluene	<10		22	10	ug/Kg	☼	02/19/13 09:20	02/26/13 17:36	50
trans-1,2-Dichloroethene	<22		88	22	ug/Kg	☼	02/19/13 09:20	02/26/13 17:36	50
trans-1,3-Dichloropropene	<18		88	18	ug/Kg	☼	02/19/13 09:20	02/26/13 17:36	50
Trichloroethene	<16		44	16	ug/Kg	☼	02/19/13 09:20	02/26/13 17:36	50
Trichlorofluoromethane	<36		180	36	ug/Kg	☼	02/19/13 09:20	02/26/13 17:36	50
Vinyl chloride	<9.1		22	9.1	ug/Kg	☼	02/19/13 09:20	02/26/13 17:36	50
Xylenes, Total	<6.0		44	6.0	ug/Kg	☼	02/19/13 09:20	02/26/13 17:36	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		75 - 125				02/19/13 09:20	02/26/13 17:36	50
4-Bromofluorobenzene (Surr)	95		75 - 120				02/19/13 09:20	02/26/13 17:36	50
Dibromofluoromethane	99		75 - 120				02/19/13 09:20	02/26/13 17:36	50
Toluene-d8 (Surr)	101		75 - 120				02/19/13 09:20	02/26/13 17:36	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<19		39	19	ug/Kg	☼	02/25/13 07:15	03/05/13 14:40	1
2-Methylnaphthalene	<51		200	51	ug/Kg	☼	02/25/13 07:15	03/05/13 14:40	1
Acenaphthene	<12		39	12	ug/Kg	☼	02/25/13 07:15	03/05/13 14:40	1
Acenaphthylene	<9.0		39	9.0	ug/Kg	☼	02/25/13 07:15	03/05/13 14:40	1
Anthracene	<9.2		39	9.2	ug/Kg	☼	02/25/13 07:15	03/05/13 14:40	1
Benzo[a]anthracene	44		39	8.2	ug/Kg	☼	02/25/13 07:15	03/05/13 14:40	1
Benzo[a]pyrene	72		39	7.1	ug/Kg	☼	02/25/13 07:15	03/05/13 14:40	1
Benzo[b]fluoranthene	100		39	7.6	ug/Kg	☼	02/25/13 07:15	03/05/13 14:40	1
Benzo[g,h,i]perylene	26 J		39	13	ug/Kg	☼	02/25/13 07:15	03/05/13 14:40	1
Benzo[k]fluoranthene	30 J		39	9.3	ug/Kg	☼	02/25/13 07:15	03/05/13 14:40	1
Chrysene	63		39	8.8	ug/Kg	☼	02/25/13 07:15	03/05/13 14:40	1
Dibenz(a,h)anthracene	11 J		39	11	ug/Kg	☼	02/25/13 07:15	03/05/13 14:40	1
Fluoranthene	58		39	16	ug/Kg	☼	02/25/13 07:15	03/05/13 14:40	1
Fluorene	<8.9		39	8.9	ug/Kg	☼	02/25/13 07:15	03/05/13 14:40	1
Indeno[1,2,3-cd]pyrene	29 J		39	13	ug/Kg	☼	02/25/13 07:15	03/05/13 14:40	1
Naphthalene	<7.5		39	7.5	ug/Kg	☼	02/25/13 07:15	03/05/13 14:40	1
Phenanthrene	<16		39	16	ug/Kg	☼	02/25/13 07:15	03/05/13 14:40	1
Pyrene	70		39	14	ug/Kg	☼	02/25/13 07:15	03/05/13 14:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	43		30 - 119				02/25/13 07:15	03/05/13 14:40	1
Nitrobenzene-d5 (Surr)	33		30 - 115				02/25/13 07:15	03/05/13 14:40	1
Terphenyl-d14 (Surr)	54		36 - 134				02/25/13 07:15	03/05/13 14:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<6.8		19	6.8	ug/Kg	☼	02/25/13 07:06	02/26/13 10:44	1
PCB-1221	<8.5		19	8.5	ug/Kg	☼	02/25/13 07:06	02/26/13 10:44	1
PCB-1232	<8.4		19	8.4	ug/Kg	☼	02/25/13 07:06	02/26/13 10:44	1
PCB-1242	<6.3		19	6.3	ug/Kg	☼	02/25/13 07:06	02/26/13 10:44	1

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54777-1

Client Sample ID: B-61 14-15'

Lab Sample ID: 500-54777-2

Date Collected: 02/19/13 09:20

Matrix: Solid

Date Received: 02/23/13 09:45

Percent Solids: 82.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	<7.6		19	7.6	ug/Kg	☼	02/25/13 07:06	02/26/13 10:44	1
PCB-1254	<4.2		19	4.2	ug/Kg	☼	02/25/13 07:06	02/26/13 10:44	1
PCB-1260	<9.5		19	9.5	ug/Kg	☼	02/25/13 07:06	02/26/13 10:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	73		50 - 116	02/25/13 07:06	02/26/13 10:44	1
DCB Decachlorobiphenyl	76		48 - 142	02/25/13 07:06	02/26/13 10:44	1



Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54777-1

Client Sample ID: B-88 15'

Lab Sample ID: 500-54777-3

Date Collected: 02/19/13 10:35

Matrix: Solid

Date Received: 02/23/13 09:45

Percent Solids: 88.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<27		150	27	ug/Kg	*	02/19/13 10:35	02/26/13 18:03	50
1,1,1-Trichloroethane	<16		77	16	ug/Kg	*	02/19/13 10:35	02/26/13 18:03	50
1,1,2,2-Tetrachloroethane	<18		77	18	ug/Kg	*	02/19/13 10:35	02/26/13 18:03	50
1,1,2-Trichloroethane	<22		77	22	ug/Kg	*	02/19/13 10:35	02/26/13 18:03	50
1,1-Dichloroethane	<14		77	14	ug/Kg	*	02/19/13 10:35	02/26/13 18:03	50
1,1-Dichloroethene	<24		77	24	ug/Kg	*	02/19/13 10:35	02/26/13 18:03	50
1,1-Dichloropropene	<27		77	27	ug/Kg	*	02/19/13 10:35	02/26/13 18:03	50
1,2,3-Trichlorobenzene	<27		150	27	ug/Kg	*	02/19/13 10:35	02/26/13 18:03	50
1,2,3-Trichloropropane	<44		150	44	ug/Kg	*	02/19/13 10:35	02/26/13 18:03	50
1,2,4-Trichlorobenzene	<29		150	29	ug/Kg	*	02/19/13 10:35	02/26/13 18:03	50
1,2,4-Trimethylbenzene	<16		150	16	ug/Kg	*	02/19/13 10:35	02/26/13 18:03	50
1,2-Dibromo-3-Chloropropane	<67		150	67	ug/Kg	*	02/19/13 10:35	02/26/13 18:03	50
1,2-Dibromoethane	<24		150	24	ug/Kg	*	02/19/13 10:35	02/26/13 18:03	50
1,2-Dichlorobenzene	<16		150	16	ug/Kg	*	02/19/13 10:35	02/26/13 18:03	50
1,2-Dichloroethane	<22		77	22	ug/Kg	*	02/19/13 10:35	02/26/13 18:03	50
1,2-Dichloropropane	<15		77	15	ug/Kg	*	02/19/13 10:35	02/26/13 18:03	50
1,3,5-Trimethylbenzene	<16		150	16	ug/Kg	*	02/19/13 10:35	02/26/13 18:03	50
1,3-Dichlorobenzene	<20		150	20	ug/Kg	*	02/19/13 10:35	02/26/13 18:03	50
1,3-Dichloropropane	<10		77	10	ug/Kg	*	02/19/13 10:35	02/26/13 18:03	50
1,4-Dichlorobenzene	<13		150	13	ug/Kg	*	02/19/13 10:35	02/26/13 18:03	50
2,2-Dichloropropane	<24		77	24	ug/Kg	*	02/19/13 10:35	02/26/13 18:03	50
2-Chlorotoluene	<16		77	16	ug/Kg	*	02/19/13 10:35	02/26/13 18:03	50
4-Chlorotoluene	<15		77	15	ug/Kg	*	02/19/13 10:35	02/26/13 18:03	50
Benzene	<5.7		19	5.7	ug/Kg	*	02/19/13 10:35	02/26/13 18:03	50
Bromobenzene	<33		150	33	ug/Kg	*	02/19/13 10:35	02/26/13 18:03	50
Bromochloromethane	<29		150	29	ug/Kg	*	02/19/13 10:35	02/26/13 18:03	50
Bromodichloromethane	<26		150	26	ug/Kg	*	02/19/13 10:35	02/26/13 18:03	50
Bromoform	<34		150	34	ug/Kg	*	02/19/13 10:35	02/26/13 18:03	50
Bromomethane	<53		150	53	ug/Kg	*	02/19/13 10:35	02/26/13 18:03	50
Carbon tetrachloride	<20		77	20	ug/Kg	*	02/19/13 10:35	02/26/13 18:03	50
Chlorobenzene	<11		77	11	ug/Kg	*	02/19/13 10:35	02/26/13 18:03	50
Chloroethane	<34		150	34	ug/Kg	*	02/19/13 10:35	02/26/13 18:03	50
Chloroform	<16		77	16	ug/Kg	*	02/19/13 10:35	02/26/13 18:03	50
Chloromethane	<36		150	36	ug/Kg	*	02/19/13 10:35	02/26/13 18:03	50
cis-1,2-Dichloroethene	<9.5		77	9.5	ug/Kg	*	02/19/13 10:35	02/26/13 18:03	50
cis-1,3-Dichloropropene	<14		77	14	ug/Kg	*	02/19/13 10:35	02/26/13 18:03	50
Dibromochloromethane	<27		150	27	ug/Kg	*	02/19/13 10:35	02/26/13 18:03	50
Dibromomethane	<37		150	37	ug/Kg	*	02/19/13 10:35	02/26/13 18:03	50
Dichlorodifluoromethane	<40		150	40	ug/Kg	*	02/19/13 10:35	02/26/13 18:03	50
Ethylbenzene	<9.7		19	9.7	ug/Kg	*	02/19/13 10:35	02/26/13 18:03	50
Hexachlorobutadiene	<27		150	27	ug/Kg	*	02/19/13 10:35	02/26/13 18:03	50
Isopropyl ether	<11		150	11	ug/Kg	*	02/19/13 10:35	02/26/13 18:03	50
Isopropylbenzene	<19		150	19	ug/Kg	*	02/19/13 10:35	02/26/13 18:03	50
Methyl tert-butyl ether	<33		150	33	ug/Kg	*	02/19/13 10:35	02/26/13 18:03	50
Methylene Chloride	<53		390	53	ug/Kg	*	02/19/13 10:35	02/26/13 18:03	50
Naphthalene	290		150	38	ug/Kg	*	02/19/13 10:35	02/26/13 18:03	50
n-Butylbenzene	<10		77	10	ug/Kg	*	02/19/13 10:35	02/26/13 18:03	50
N-Propylbenzene	<14		150	14	ug/Kg	*	02/19/13 10:35	02/26/13 18:03	50
p-Isopropyltoluene	<14		150	14	ug/Kg	*	02/19/13 10:35	02/26/13 18:03	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54777-1

Client Sample ID: B-88 15'

Lab Sample ID: 500-54777-3

Date Collected: 02/19/13 10:35

Matrix: Solid

Date Received: 02/23/13 09:45

Percent Solids: 88.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<12		77	12	ug/Kg	☼	02/19/13 10:35	02/26/13 18:03	50
Styrene	<7.6		77	7.6	ug/Kg	☼	02/19/13 10:35	02/26/13 18:03	50
tert-Butylbenzene	<11		77	11	ug/Kg	☼	02/19/13 10:35	02/26/13 18:03	50
Tetrachloroethene	<13		77	13	ug/Kg	☼	02/19/13 10:35	02/26/13 18:03	50
Toluene	<8.9		19	8.9	ug/Kg	☼	02/19/13 10:35	02/26/13 18:03	50
trans-1,2-Dichloroethene	<19		77	19	ug/Kg	☼	02/19/13 10:35	02/26/13 18:03	50
trans-1,3-Dichloropropene	<16		77	16	ug/Kg	☼	02/19/13 10:35	02/26/13 18:03	50
Trichloroethene	<14		39	14	ug/Kg	☼	02/19/13 10:35	02/26/13 18:03	50
Trichlorofluoromethane	<32		150	32	ug/Kg	☼	02/19/13 10:35	02/26/13 18:03	50
Vinyl chloride	<8.0		19	8.0	ug/Kg	☼	02/19/13 10:35	02/26/13 18:03	50
Xylenes, Total	<5.3		39	5.3	ug/Kg	☼	02/19/13 10:35	02/26/13 18:03	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		75 - 125	02/19/13 10:35	02/26/13 18:03	50
4-Bromofluorobenzene (Surr)	94		75 - 120	02/19/13 10:35	02/26/13 18:03	50
Dibromofluoromethane	99		75 - 120	02/19/13 10:35	02/26/13 18:03	50
Toluene-d8 (Surr)	102		75 - 120	02/19/13 10:35	02/26/13 18:03	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	21	J	37	18	ug/Kg	☼	02/25/13 07:15	03/05/13 15:01	1
2-Methylnaphthalene	<48		190	48	ug/Kg	☼	02/25/13 07:15	03/05/13 15:01	1
Acenaphthene	<11		37	11	ug/Kg	☼	02/25/13 07:15	03/05/13 15:01	1
Acenaphthylene	<8.6		37	8.6	ug/Kg	☼	02/25/13 07:15	03/05/13 15:01	1
Anthracene	38		37	8.8	ug/Kg	☼	02/25/13 07:15	03/05/13 15:01	1
Benzo[a]anthracene	32	J	37	7.8	ug/Kg	☼	02/25/13 07:15	03/05/13 15:01	1
Benzo[a]pyrene	29	J	37	6.8	ug/Kg	☼	02/25/13 07:15	03/05/13 15:01	1
Benzo[b]fluoranthene	45		37	7.2	ug/Kg	☼	02/25/13 07:15	03/05/13 15:01	1
Benzo[g,h,i]perylene	<13		37	13	ug/Kg	☼	02/25/13 07:15	03/05/13 15:01	1
Benzo[k]fluoranthene	17	J	37	8.9	ug/Kg	☼	02/25/13 07:15	03/05/13 15:01	1
Chrysene	49		37	8.4	ug/Kg	☼	02/25/13 07:15	03/05/13 15:01	1
Dibenz(a,h)anthracene	<10		37	10	ug/Kg	☼	02/25/13 07:15	03/05/13 15:01	1
Fluoranthene	97		37	15	ug/Kg	☼	02/25/13 07:15	03/05/13 15:01	1
Fluorene	31	J	37	8.5	ug/Kg	☼	02/25/13 07:15	03/05/13 15:01	1
Indeno[1,2,3-cd]pyrene	<13		37	13	ug/Kg	☼	02/25/13 07:15	03/05/13 15:01	1
Naphthalene	92		37	7.2	ug/Kg	☼	02/25/13 07:15	03/05/13 15:01	1
Phenanthrene	110		37	16	ug/Kg	☼	02/25/13 07:15	03/05/13 15:01	1
Pyrene	87		37	13	ug/Kg	☼	02/25/13 07:15	03/05/13 15:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	90		30 - 119	02/25/13 07:15	03/05/13 15:01	1
Nitrobenzene-d5 (Surr)	70		30 - 115	02/25/13 07:15	03/05/13 15:01	1
Terphenyl-d14 (Surr)	94		36 - 134	02/25/13 07:15	03/05/13 15:01	1

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54777-1

Client Sample ID: B-63 0-2'

Lab Sample ID: 500-54777-4

Date Collected: 02/19/13 11:15

Matrix: Solid

Date Received: 02/23/13 09:45

Percent Solids: 81.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<38		220	38	ug/Kg	*	02/19/13 11:15	02/26/13 18:29	50
1,1,1-Trichloroethane	<22		110	22	ug/Kg	*	02/19/13 11:15	02/26/13 18:29	50
1,1,1,2,2-Tetrachloroethane	<26		110	26	ug/Kg	*	02/19/13 11:15	02/26/13 18:29	50
1,1,1,2-Trichloroethane	<31		110	31	ug/Kg	*	02/19/13 11:15	02/26/13 18:29	50
1,1-Dichloroethane	<20		110	20	ug/Kg	*	02/19/13 11:15	02/26/13 18:29	50
1,1-Dichloroethene	<34		110	34	ug/Kg	*	02/19/13 11:15	02/26/13 18:29	50
1,1-Dichloropropene	<38		110	38	ug/Kg	*	02/19/13 11:15	02/26/13 18:29	50
1,2,3-Trichlorobenzene	<39		220	39	ug/Kg	*	02/19/13 11:15	02/26/13 18:29	50
1,2,3-Trichloropropane	<63		220	63	ug/Kg	*	02/19/13 11:15	02/26/13 18:29	50
1,2,4-Trichlorobenzene	<42		220	42	ug/Kg	*	02/19/13 11:15	02/26/13 18:29	50
1,2,4-Trimethylbenzene	<23		220	23	ug/Kg	*	02/19/13 11:15	02/26/13 18:29	50
1,2-Dibromo-3-Chloropropane	<96		220	96	ug/Kg	*	02/19/13 11:15	02/26/13 18:29	50
1,2-Dibromoethane	<35		220	35	ug/Kg	*	02/19/13 11:15	02/26/13 18:29	50
1,2-Dichlorobenzene	<23		220	23	ug/Kg	*	02/19/13 11:15	02/26/13 18:29	50
1,2-Dichloroethane	<31		110	31	ug/Kg	*	02/19/13 11:15	02/26/13 18:29	50
1,2-Dichloropropane	<22		110	22	ug/Kg	*	02/19/13 11:15	02/26/13 18:29	50
1,3,5-Trimethylbenzene	<23		220	23	ug/Kg	*	02/19/13 11:15	02/26/13 18:29	50
1,3-Dichlorobenzene	<28		220	28	ug/Kg	*	02/19/13 11:15	02/26/13 18:29	50
1,3-Dichloropropane	<15		110	15	ug/Kg	*	02/19/13 11:15	02/26/13 18:29	50
1,4-Dichlorobenzene	<19		220	19	ug/Kg	*	02/19/13 11:15	02/26/13 18:29	50
2,2-Dichloropropane	<35		110	35	ug/Kg	*	02/19/13 11:15	02/26/13 18:29	50
2-Chlorotoluene	<23		110	23	ug/Kg	*	02/19/13 11:15	02/26/13 18:29	50
4-Chlorotoluene	<22		110	22	ug/Kg	*	02/19/13 11:15	02/26/13 18:29	50
Benzene	<8.2		28	8.2	ug/Kg	*	02/19/13 11:15	02/26/13 18:29	50
Bromobenzene	<47		220	47	ug/Kg	*	02/19/13 11:15	02/26/13 18:29	50
Bromochloromethane	<42		220	42	ug/Kg	*	02/19/13 11:15	02/26/13 18:29	50
Bromodichloromethane	<37		220	37	ug/Kg	*	02/19/13 11:15	02/26/13 18:29	50
Bromoform	<49		220	49	ug/Kg	*	02/19/13 11:15	02/26/13 18:29	50
Bromomethane	<75		220	75	ug/Kg	*	02/19/13 11:15	02/26/13 18:29	50
Carbon tetrachloride	<28		110	28	ug/Kg	*	02/19/13 11:15	02/26/13 18:29	50
Chlorobenzene	<16		110	16	ug/Kg	*	02/19/13 11:15	02/26/13 18:29	50
Chloroethane	<48		220	48	ug/Kg	*	02/19/13 11:15	02/26/13 18:29	50
Chloroform	<23		110	23	ug/Kg	*	02/19/13 11:15	02/26/13 18:29	50
Chloromethane	<51		220	51	ug/Kg	*	02/19/13 11:15	02/26/13 18:29	50
cis-1,2-Dichloroethene	<14		110	14	ug/Kg	*	02/19/13 11:15	02/26/13 18:29	50
cis-1,3-Dichloropropene	<20		110	20	ug/Kg	*	02/19/13 11:15	02/26/13 18:29	50
Dibromochloromethane	<38		220	38	ug/Kg	*	02/19/13 11:15	02/26/13 18:29	50
Dibromomethane	<53		220	53	ug/Kg	*	02/19/13 11:15	02/26/13 18:29	50
Dichlorodifluoromethane	<57		220	57	ug/Kg	*	02/19/13 11:15	02/26/13 18:29	50
Ethylbenzene	<14		28	14	ug/Kg	*	02/19/13 11:15	02/26/13 18:29	50
Hexachlorobutadiene	<38		220	38	ug/Kg	*	02/19/13 11:15	02/26/13 18:29	50
Isopropyl ether	<16		220	16	ug/Kg	*	02/19/13 11:15	02/26/13 18:29	50
Isopropylbenzene	<28		220	28	ug/Kg	*	02/19/13 11:15	02/26/13 18:29	50
Methyl tert-butyl ether	<47		220	47	ug/Kg	*	02/19/13 11:15	02/26/13 18:29	50
Methylene Chloride	<75		550	75	ug/Kg	*	02/19/13 11:15	02/26/13 18:29	50
Naphthalene	1500		220	54	ug/Kg	*	02/19/13 11:15	02/26/13 18:29	50
n-Butylbenzene	<14		110	14	ug/Kg	*	02/19/13 11:15	02/26/13 18:29	50
N-Propylbenzene	<19		220	19	ug/Kg	*	02/19/13 11:15	02/26/13 18:29	50
p-Isopropyltoluene	<20		220	20	ug/Kg	*	02/19/13 11:15	02/26/13 18:29	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54777-1

Client Sample ID: B-63 0-2'

Lab Sample ID: 500-54777-4

Date Collected: 02/19/13 11:15

Matrix: Solid

Date Received: 02/23/13 09:45

Percent Solids: 81.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<17		110	17	ug/Kg	☼	02/19/13 11:15	02/26/13 18:29	50
Styrene	<11		110	11	ug/Kg	☼	02/19/13 11:15	02/26/13 18:29	50
tert-Butylbenzene	<15		110	15	ug/Kg	☼	02/19/13 11:15	02/26/13 18:29	50
Tetrachloroethene	<18		110	18	ug/Kg	☼	02/19/13 11:15	02/26/13 18:29	50
Toluene	29		28	13	ug/Kg	☼	02/19/13 11:15	02/26/13 18:29	50
trans-1,2-Dichloroethene	<28		110	28	ug/Kg	☼	02/19/13 11:15	02/26/13 18:29	50
trans-1,3-Dichloropropene	<23		110	23	ug/Kg	☼	02/19/13 11:15	02/26/13 18:29	50
Trichloroethene	<21		55	21	ug/Kg	☼	02/19/13 11:15	02/26/13 18:29	50
Trichlorofluoromethane	<46		220	46	ug/Kg	☼	02/19/13 11:15	02/26/13 18:29	50
Vinyl chloride	<11		28	11	ug/Kg	☼	02/19/13 11:15	02/26/13 18:29	50
Xylenes, Total	93		55	7.5	ug/Kg	☼	02/19/13 11:15	02/26/13 18:29	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		75 - 125	02/19/13 11:15	02/26/13 18:29	50
4-Bromofluorobenzene (Surr)	90		75 - 120	02/19/13 11:15	02/26/13 18:29	50
Dibromofluoromethane	95		75 - 120	02/19/13 11:15	02/26/13 18:29	50
Toluene-d8 (Surr)	98		75 - 120	02/19/13 11:15	02/26/13 18:29	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	2000		400	200	ug/Kg	☼	02/25/13 07:15	03/06/13 14:37	10
2-Methylnaphthalene	2700		2000	520	ug/Kg	☼	02/25/13 07:15	03/06/13 14:37	10
Acenaphthene	2700		400	120	ug/Kg	☼	02/25/13 07:15	03/06/13 14:37	10
Acenaphthylene	220	J	400	92	ug/Kg	☼	02/25/13 07:15	03/06/13 14:37	10
Anthracene	4200		400	95	ug/Kg	☼	02/25/13 07:15	03/06/13 14:37	10
Dibenz(a,h)anthracene	19000		400	110	ug/Kg	☼	02/25/13 07:15	03/06/13 14:37	10
Fluorene	1700		400	91	ug/Kg	☼	02/25/13 07:15	03/06/13 14:37	10
Naphthalene	6100		400	78	ug/Kg	☼	02/25/13 07:15	03/06/13 14:37	10
Phenanthrene	21000		400	170	ug/Kg	☼	02/25/13 07:15	03/06/13 14:37	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	27	X	30 - 119	02/25/13 07:15	03/06/13 14:37	10
Nitrobenzene-d5 (Surr)	66		30 - 115	02/25/13 07:15	03/06/13 14:37	10
Terphenyl-d14 (Surr)	83		36 - 134	02/25/13 07:15	03/06/13 14:37	10

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	77000		2000	420	ug/Kg	☼	02/25/13 07:15	03/06/13 16:08	50
Benzo[a]pyrene	93000		2000	370	ug/Kg	☼	02/25/13 07:15	03/06/13 16:08	50
Benzo[b]fluoranthene	110000		2000	390	ug/Kg	☼	02/25/13 07:15	03/06/13 16:08	50
Benzo[g,h,i]perylene	70000		2000	680	ug/Kg	☼	02/25/13 07:15	03/06/13 16:08	50
Benzo[k]fluoranthene	52000		2000	480	ug/Kg	☼	02/25/13 07:15	03/06/13 16:08	50
Chrysene	86000		2000	450	ug/Kg	☼	02/25/13 07:15	03/06/13 16:08	50
Fluoranthene	65000		2000	820	ug/Kg	☼	02/25/13 07:15	03/06/13 16:08	50
Indeno[1,2,3-cd]pyrene	59000		2000	680	ug/Kg	☼	02/25/13 07:15	03/06/13 16:08	50
Pyrene	87000		2000	730	ug/Kg	☼	02/25/13 07:15	03/06/13 16:08	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<7.2		20	7.2	ug/Kg	☼	02/25/13 07:06	02/26/13 10:58	1
PCB-1221	<9.0		20	9.0	ug/Kg	☼	02/25/13 07:06	02/26/13 10:58	1

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54777-1

Client Sample ID: B-63 0-2'

Lab Sample ID: 500-54777-4

Date Collected: 02/19/13 11:15

Matrix: Solid

Date Received: 02/23/13 09:45

Percent Solids: 81.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1232	<8.9		20	8.9	ug/Kg	☼	02/25/13 07:06	02/26/13 10:58	1
PCB-1242	<6.7		20	6.7	ug/Kg	☼	02/25/13 07:06	02/26/13 10:58	1
PCB-1248	<8.0		20	8.0	ug/Kg	☼	02/25/13 07:06	02/26/13 10:58	1
PCB-1254	<4.4		20	4.4	ug/Kg	☼	02/25/13 07:06	02/26/13 10:58	1
PCB-1260	<10		20	10	ug/Kg	☼	02/25/13 07:06	02/26/13 10:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	75		50 - 116	02/25/13 07:06	02/26/13 10:58	1
DCB Decachlorobiphenyl	87		48 - 142	02/25/13 07:06	02/26/13 10:58	1



Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54777-1

Client Sample ID: B-63 8-10'

Lab Sample ID: 500-54777-5

Date Collected: 02/19/13 11:35

Matrix: Solid

Date Received: 02/23/13 09:45

Percent Solids: 86.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<28		160	28	ug/Kg	*	02/19/13 11:35	02/26/13 18:55	50
1,1,1-Trichloroethane	<16		81	16	ug/Kg	*	02/19/13 11:35	02/26/13 18:55	50
1,1,2,2-Tetrachloroethane	<19		81	19	ug/Kg	*	02/19/13 11:35	02/26/13 18:55	50
1,1,2-Trichloroethane	<23		81	23	ug/Kg	*	02/19/13 11:35	02/26/13 18:55	50
1,1-Dichloroethane	<15		81	15	ug/Kg	*	02/19/13 11:35	02/26/13 18:55	50
1,1-Dichloroethene	<25		81	25	ug/Kg	*	02/19/13 11:35	02/26/13 18:55	50
1,1-Dichloropropene	<28		81	28	ug/Kg	*	02/19/13 11:35	02/26/13 18:55	50
1,2,3-Trichlorobenzene	<29		160	29	ug/Kg	*	02/19/13 11:35	02/26/13 18:55	50
1,2,3-Trichloropropane	<47		160	47	ug/Kg	*	02/19/13 11:35	02/26/13 18:55	50
1,2,4-Trichlorobenzene	<31		160	31	ug/Kg	*	02/19/13 11:35	02/26/13 18:55	50
1,2,4-Trimethylbenzene	<17		160	17	ug/Kg	*	02/19/13 11:35	02/26/13 18:55	50
1,2-Dibromo-3-Chloropropane	<71		160	71	ug/Kg	*	02/19/13 11:35	02/26/13 18:55	50
1,2-Dibromoethane	<26		160	26	ug/Kg	*	02/19/13 11:35	02/26/13 18:55	50
1,2-Dichlorobenzene	<17		160	17	ug/Kg	*	02/19/13 11:35	02/26/13 18:55	50
1,2-Dichloroethane	<23		81	23	ug/Kg	*	02/19/13 11:35	02/26/13 18:55	50
1,2-Dichloropropane	<16		81	16	ug/Kg	*	02/19/13 11:35	02/26/13 18:55	50
1,3,5-Trimethylbenzene	<17		160	17	ug/Kg	*	02/19/13 11:35	02/26/13 18:55	50
1,3-Dichlorobenzene	<21		160	21	ug/Kg	*	02/19/13 11:35	02/26/13 18:55	50
1,3-Dichloropropane	<11		81	11	ug/Kg	*	02/19/13 11:35	02/26/13 18:55	50
1,4-Dichlorobenzene	<14		160	14	ug/Kg	*	02/19/13 11:35	02/26/13 18:55	50
2,2-Dichloropropane	<26		81	26	ug/Kg	*	02/19/13 11:35	02/26/13 18:55	50
2-Chlorotoluene	<17		81	17	ug/Kg	*	02/19/13 11:35	02/26/13 18:55	50
4-Chlorotoluene	<16		81	16	ug/Kg	*	02/19/13 11:35	02/26/13 18:55	50
Benzene	<6.0		20	6.0	ug/Kg	*	02/19/13 11:35	02/26/13 18:55	50
Bromobenzene	<35		160	35	ug/Kg	*	02/19/13 11:35	02/26/13 18:55	50
Bromochloromethane	<31		160	31	ug/Kg	*	02/19/13 11:35	02/26/13 18:55	50
Bromodichloromethane	<28		160	28	ug/Kg	*	02/19/13 11:35	02/26/13 18:55	50
Bromoform	<36		160	36	ug/Kg	*	02/19/13 11:35	02/26/13 18:55	50
Bromomethane	<56		160	56	ug/Kg	*	02/19/13 11:35	02/26/13 18:55	50
Carbon tetrachloride	<21		81	21	ug/Kg	*	02/19/13 11:35	02/26/13 18:55	50
Chlorobenzene	<12		81	12	ug/Kg	*	02/19/13 11:35	02/26/13 18:55	50
Chloroethane	<35		160	35	ug/Kg	*	02/19/13 11:35	02/26/13 18:55	50
Chloroform	<17		81	17	ug/Kg	*	02/19/13 11:35	02/26/13 18:55	50
Chloromethane	<38		160	38	ug/Kg	*	02/19/13 11:35	02/26/13 18:55	50
cis-1,2-Dichloroethene	<10		81	10	ug/Kg	*	02/19/13 11:35	02/26/13 18:55	50
cis-1,3-Dichloropropene	<15		81	15	ug/Kg	*	02/19/13 11:35	02/26/13 18:55	50
Dibromochloromethane	<28		160	28	ug/Kg	*	02/19/13 11:35	02/26/13 18:55	50
Dibromomethane	<39		160	39	ug/Kg	*	02/19/13 11:35	02/26/13 18:55	50
Dichlorodifluoromethane	<42		160	42	ug/Kg	*	02/19/13 11:35	02/26/13 18:55	50
Ethylbenzene	<10		20	10	ug/Kg	*	02/19/13 11:35	02/26/13 18:55	50
Hexachlorobutadiene	<28		160	28	ug/Kg	*	02/19/13 11:35	02/26/13 18:55	50
Isopropyl ether	<12		160	12	ug/Kg	*	02/19/13 11:35	02/26/13 18:55	50
Isopropylbenzene	<20		160	20	ug/Kg	*	02/19/13 11:35	02/26/13 18:55	50
Methyl tert-butyl ether	<35		160	35	ug/Kg	*	02/19/13 11:35	02/26/13 18:55	50
Methylene Chloride	<56		410	56	ug/Kg	*	02/19/13 11:35	02/26/13 18:55	50
Naphthalene	<40		160	40	ug/Kg	*	02/19/13 11:35	02/26/13 18:55	50
n-Butylbenzene	<11		81	11	ug/Kg	*	02/19/13 11:35	02/26/13 18:55	50
N-Propylbenzene	<14		160	14	ug/Kg	*	02/19/13 11:35	02/26/13 18:55	50
p-Isopropyltoluene	<15		160	15	ug/Kg	*	02/19/13 11:35	02/26/13 18:55	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54777-1

Client Sample ID: B-63 8-10'

Lab Sample ID: 500-54777-5

Date Collected: 02/19/13 11:35

Matrix: Solid

Date Received: 02/23/13 09:45

Percent Solids: 86.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<13		81	13	ug/Kg	☼	02/19/13 11:35	02/26/13 18:55	50
Styrene	<8.1		81	8.1	ug/Kg	☼	02/19/13 11:35	02/26/13 18:55	50
tert-Butylbenzene	<11		81	11	ug/Kg	☼	02/19/13 11:35	02/26/13 18:55	50
Tetrachloroethene	<14		81	14	ug/Kg	☼	02/19/13 11:35	02/26/13 18:55	50
Toluene	<9.4		20	9.4	ug/Kg	☼	02/19/13 11:35	02/26/13 18:55	50
trans-1,2-Dichloroethene	<20		81	20	ug/Kg	☼	02/19/13 11:35	02/26/13 18:55	50
trans-1,3-Dichloropropene	<17		81	17	ug/Kg	☼	02/19/13 11:35	02/26/13 18:55	50
Trichloroethene	<15		41	15	ug/Kg	☼	02/19/13 11:35	02/26/13 18:55	50
Trichlorofluoromethane	<34		160	34	ug/Kg	☼	02/19/13 11:35	02/26/13 18:55	50
Vinyl chloride	<8.5		20	8.5	ug/Kg	☼	02/19/13 11:35	02/26/13 18:55	50
Xylenes, Total	<5.6		41	5.6	ug/Kg	☼	02/19/13 11:35	02/26/13 18:55	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		75 - 125				02/19/13 11:35	02/26/13 18:55	50
4-Bromofluorobenzene (Surr)	93		75 - 120				02/19/13 11:35	02/26/13 18:55	50
Dibromofluoromethane	97		75 - 120				02/19/13 11:35	02/26/13 18:55	50
Toluene-d8 (Surr)	99		75 - 120				02/19/13 11:35	02/26/13 18:55	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<19		38	19	ug/Kg	☼	02/25/13 07:15	03/05/13 15:21	1
2-Methylnaphthalene	<49		190	49	ug/Kg	☼	02/25/13 07:15	03/05/13 15:21	1
Acenaphthene	<11		38	11	ug/Kg	☼	02/25/13 07:15	03/05/13 15:21	1
Acenaphthylene	<8.7		38	8.7	ug/Kg	☼	02/25/13 07:15	03/05/13 15:21	1
Anthracene	<8.9		38	8.9	ug/Kg	☼	02/25/13 07:15	03/05/13 15:21	1
Benzo[a]anthracene	95		38	7.9	ug/Kg	☼	02/25/13 07:15	03/05/13 15:21	1
Benzo[a]pyrene	170		38	6.9	ug/Kg	☼	02/25/13 07:15	03/05/13 15:21	1
Benzo[b]fluoranthene	210		38	7.4	ug/Kg	☼	02/25/13 07:15	03/05/13 15:21	1
Benzo[g,h,i]perylene	63		38	13	ug/Kg	☼	02/25/13 07:15	03/05/13 15:21	1
Benzo[k]fluoranthene	78		38	9.0	ug/Kg	☼	02/25/13 07:15	03/05/13 15:21	1
Chrysene	120		38	8.5	ug/Kg	☼	02/25/13 07:15	03/05/13 15:21	1
Dibenz(a,h)anthracene	25 J		38	11	ug/Kg	☼	02/25/13 07:15	03/05/13 15:21	1
Fluoranthene	93		38	16	ug/Kg	☼	02/25/13 07:15	03/05/13 15:21	1
Fluorene	<8.6		38	8.6	ug/Kg	☼	02/25/13 07:15	03/05/13 15:21	1
Indeno[1,2,3-cd]pyrene	61		38	13	ug/Kg	☼	02/25/13 07:15	03/05/13 15:21	1
Naphthalene	<7.3		38	7.3	ug/Kg	☼	02/25/13 07:15	03/05/13 15:21	1
Phenanthrene	<16		38	16	ug/Kg	☼	02/25/13 07:15	03/05/13 15:21	1
Pyrene	110		38	14	ug/Kg	☼	02/25/13 07:15	03/05/13 15:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	91		30 - 119				02/25/13 07:15	03/05/13 15:21	1
Nitrobenzene-d5 (Surr)	74		30 - 115				02/25/13 07:15	03/05/13 15:21	1
Terphenyl-d14 (Surr)	102		36 - 134				02/25/13 07:15	03/05/13 15:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<6.4		18	6.4	ug/Kg	☼	02/25/13 07:06	02/26/13 11:13	1
PCB-1221	<8.0		18	8.0	ug/Kg	☼	02/25/13 07:06	02/26/13 11:13	1
PCB-1232	<7.9		18	7.9	ug/Kg	☼	02/25/13 07:06	02/26/13 11:13	1
PCB-1242	<6.0		18	6.0	ug/Kg	☼	02/25/13 07:06	02/26/13 11:13	1

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54777-1

Client Sample ID: B-63 8-10'

Lab Sample ID: 500-54777-5

Date Collected: 02/19/13 11:35

Matrix: Solid

Date Received: 02/23/13 09:45

Percent Solids: 86.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	<7.2		18	7.2	ug/Kg	☼	02/25/13 07:06	02/26/13 11:13	1
PCB-1254	<3.9		18	3.9	ug/Kg	☼	02/25/13 07:06	02/26/13 11:13	1
PCB-1260	<8.9		18	8.9	ug/Kg	☼	02/25/13 07:06	02/26/13 11:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	71		50 - 116	02/25/13 07:06	02/26/13 11:13	1
DCB Decachlorobiphenyl	81		48 - 142	02/25/13 07:06	02/26/13 11:13	1



Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54777-1

Client Sample ID: B-64 0-2'

Lab Sample ID: 500-54777-6

Date Collected: 02/19/13 11:50

Matrix: Solid

Date Received: 02/23/13 09:45

Percent Solids: 77.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<37		210	37	ug/Kg	*	02/19/13 11:50	02/26/13 19:21	50
1,1,1-Trichloroethane	<22		110	22	ug/Kg	*	02/19/13 11:50	02/26/13 19:21	50
1,1,2,2-Tetrachloroethane	<25		110	25	ug/Kg	*	02/19/13 11:50	02/26/13 19:21	50
1,1,2-Trichloroethane	<30		110	30	ug/Kg	*	02/19/13 11:50	02/26/13 19:21	50
1,1-Dichloroethane	<20		110	20	ug/Kg	*	02/19/13 11:50	02/26/13 19:21	50
1,1-Dichloroethene	<33		110	33	ug/Kg	*	02/19/13 11:50	02/26/13 19:21	50
1,1-Dichloropropene	<37		110	37	ug/Kg	*	02/19/13 11:50	02/26/13 19:21	50
1,2,3-Trichlorobenzene	<37		210	37	ug/Kg	*	02/19/13 11:50	02/26/13 19:21	50
1,2,3-Trichloropropane	<61		210	61	ug/Kg	*	02/19/13 11:50	02/26/13 19:21	50
1,2,4-Trichlorobenzene	<40		210	40	ug/Kg	*	02/19/13 11:50	02/26/13 19:21	50
1,2,4-Trimethylbenzene	<23		210	23	ug/Kg	*	02/19/13 11:50	02/26/13 19:21	50
1,2-Dibromo-3-Chloropropane	<93		210	93	ug/Kg	*	02/19/13 11:50	02/26/13 19:21	50
1,2-Dibromoethane	<34		210	34	ug/Kg	*	02/19/13 11:50	02/26/13 19:21	50
1,2-Dichlorobenzene	<22		210	22	ug/Kg	*	02/19/13 11:50	02/26/13 19:21	50
1,2-Dichloroethane	<31		110	31	ug/Kg	*	02/19/13 11:50	02/26/13 19:21	50
1,2-Dichloropropane	<21		110	21	ug/Kg	*	02/19/13 11:50	02/26/13 19:21	50
1,3,5-Trimethylbenzene	<22		210	22	ug/Kg	*	02/19/13 11:50	02/26/13 19:21	50
1,3-Dichlorobenzene	<28		210	28	ug/Kg	*	02/19/13 11:50	02/26/13 19:21	50
1,3-Dichloropropane	<14		110	14	ug/Kg	*	02/19/13 11:50	02/26/13 19:21	50
1,4-Dichlorobenzene	<19		210	19	ug/Kg	*	02/19/13 11:50	02/26/13 19:21	50
2,2-Dichloropropane	<34		110	34	ug/Kg	*	02/19/13 11:50	02/26/13 19:21	50
2-Chlorotoluene	<22		110	22	ug/Kg	*	02/19/13 11:50	02/26/13 19:21	50
4-Chlorotoluene	<21		110	21	ug/Kg	*	02/19/13 11:50	02/26/13 19:21	50
Benzene	<7.9		27	7.9	ug/Kg	*	02/19/13 11:50	02/26/13 19:21	50
Bromobenzene	<45		210	45	ug/Kg	*	02/19/13 11:50	02/26/13 19:21	50
Bromochloromethane	<40		210	40	ug/Kg	*	02/19/13 11:50	02/26/13 19:21	50
Bromodichloromethane	<36		210	36	ug/Kg	*	02/19/13 11:50	02/26/13 19:21	50
Bromoform	<47		210	47	ug/Kg	*	02/19/13 11:50	02/26/13 19:21	50
Bromomethane	<73		210	73	ug/Kg	*	02/19/13 11:50	02/26/13 19:21	50
Carbon tetrachloride	<28		110	28	ug/Kg	*	02/19/13 11:50	02/26/13 19:21	50
Chlorobenzene	<15		110	15	ug/Kg	*	02/19/13 11:50	02/26/13 19:21	50
Chloroethane	<47		210	47	ug/Kg	*	02/19/13 11:50	02/26/13 19:21	50
Chloroform	<22		110	22	ug/Kg	*	02/19/13 11:50	02/26/13 19:21	50
Chloromethane	<49		210	49	ug/Kg	*	02/19/13 11:50	02/26/13 19:21	50
cis-1,2-Dichloroethene	<13		110	13	ug/Kg	*	02/19/13 11:50	02/26/13 19:21	50
cis-1,3-Dichloropropene	<19		110	19	ug/Kg	*	02/19/13 11:50	02/26/13 19:21	50
Dibromochloromethane	<37		210	37	ug/Kg	*	02/19/13 11:50	02/26/13 19:21	50
Dibromomethane	<51		210	51	ug/Kg	*	02/19/13 11:50	02/26/13 19:21	50
Dichlorodifluoromethane	<55		210	55	ug/Kg	*	02/19/13 11:50	02/26/13 19:21	50
Ethylbenzene	<13		27	13	ug/Kg	*	02/19/13 11:50	02/26/13 19:21	50
Hexachlorobutadiene	<37		210	37	ug/Kg	*	02/19/13 11:50	02/26/13 19:21	50
Isopropyl ether	<16		210	16	ug/Kg	*	02/19/13 11:50	02/26/13 19:21	50
Isopropylbenzene	<27		210	27	ug/Kg	*	02/19/13 11:50	02/26/13 19:21	50
Methyl tert-butyl ether	<46		210	46	ug/Kg	*	02/19/13 11:50	02/26/13 19:21	50
Methylene Chloride	<73		540	73	ug/Kg	*	02/19/13 11:50	02/26/13 19:21	50
Naphthalene	<53		210	53	ug/Kg	*	02/19/13 11:50	02/26/13 19:21	50
n-Butylbenzene	<14		110	14	ug/Kg	*	02/19/13 11:50	02/26/13 19:21	50
N-Propylbenzene	<19		210	19	ug/Kg	*	02/19/13 11:50	02/26/13 19:21	50
p-Isopropyltoluene	<20		210	20	ug/Kg	*	02/19/13 11:50	02/26/13 19:21	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54777-1

Client Sample ID: B-64 0-2'

Lab Sample ID: 500-54777-6

Date Collected: 02/19/13 11:50

Matrix: Solid

Date Received: 02/23/13 09:45

Percent Solids: 77.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<16		110	16	ug/Kg	☼	02/19/13 11:50	02/26/13 19:21	50
Styrene	<11		110	11	ug/Kg	☼	02/19/13 11:50	02/26/13 19:21	50
tert-Butylbenzene	<15		110	15	ug/Kg	☼	02/19/13 11:50	02/26/13 19:21	50
Tetrachloroethene	<18		110	18	ug/Kg	☼	02/19/13 11:50	02/26/13 19:21	50
Toluene	<12		27	12	ug/Kg	☼	02/19/13 11:50	02/26/13 19:21	50
trans-1,2-Dichloroethene	<27		110	27	ug/Kg	☼	02/19/13 11:50	02/26/13 19:21	50
trans-1,3-Dichloropropene	<22		110	22	ug/Kg	☼	02/19/13 11:50	02/26/13 19:21	50
Trichloroethene	<20		54	20	ug/Kg	☼	02/19/13 11:50	02/26/13 19:21	50
Trichlorofluoromethane	<44		210	44	ug/Kg	☼	02/19/13 11:50	02/26/13 19:21	50
Vinyl chloride	<11		27	11	ug/Kg	☼	02/19/13 11:50	02/26/13 19:21	50
Xylenes, Total	<7.3		54	7.3	ug/Kg	☼	02/19/13 11:50	02/26/13 19:21	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		75 - 125				02/19/13 11:50	02/26/13 19:21	50
4-Bromofluorobenzene (Surr)	92		75 - 120				02/19/13 11:50	02/26/13 19:21	50
Dibromofluoromethane	96		75 - 120				02/19/13 11:50	02/26/13 19:21	50
Toluene-d8 (Surr)	99		75 - 120				02/19/13 11:50	02/26/13 19:21	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<21		42	21	ug/Kg	☼	02/25/13 07:15	03/05/13 15:42	1
2-Methylnaphthalene	<54		210	54	ug/Kg	☼	02/25/13 07:15	03/05/13 15:42	1
Acenaphthene	<12		42	12	ug/Kg	☼	02/25/13 07:15	03/05/13 15:42	1
Acenaphthylene	10	J	42	9.6	ug/Kg	☼	02/25/13 07:15	03/05/13 15:42	1
Anthracene	22	J	42	9.8	ug/Kg	☼	02/25/13 07:15	03/05/13 15:42	1
Benzo[a]anthracene	190		42	8.8	ug/Kg	☼	02/25/13 07:15	03/05/13 15:42	1
Benzo[a]pyrene	290		42	7.6	ug/Kg	☼	02/25/13 07:15	03/05/13 15:42	1
Benzo[b]fluoranthene	380		42	8.1	ug/Kg	☼	02/25/13 07:15	03/05/13 15:42	1
Benzo[g,h,i]perylene	130		42	14	ug/Kg	☼	02/25/13 07:15	03/05/13 15:42	1
Benzo[k]fluoranthene	160		42	10	ug/Kg	☼	02/25/13 07:15	03/05/13 15:42	1
Chrysene	230		42	9.4	ug/Kg	☼	02/25/13 07:15	03/05/13 15:42	1
Dibenz(a,h)anthracene	42		42	12	ug/Kg	☼	02/25/13 07:15	03/05/13 15:42	1
Fluoranthene	300		42	17	ug/Kg	☼	02/25/13 07:15	03/05/13 15:42	1
Fluorene	<9.5		42	9.5	ug/Kg	☼	02/25/13 07:15	03/05/13 15:42	1
Indeno[1,2,3-cd]pyrene	120		42	14	ug/Kg	☼	02/25/13 07:15	03/05/13 15:42	1
Naphthalene	<8.0		42	8.0	ug/Kg	☼	02/25/13 07:15	03/05/13 15:42	1
Phenanthrene	87		42	17	ug/Kg	☼	02/25/13 07:15	03/05/13 15:42	1
Pyrene	310		42	15	ug/Kg	☼	02/25/13 07:15	03/05/13 15:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	93		30 - 119				02/25/13 07:15	03/05/13 15:42	1
Nitrobenzene-d5 (Surr)	73		30 - 115				02/25/13 07:15	03/05/13 15:42	1
Terphenyl-d14 (Surr)	106		36 - 134				02/25/13 07:15	03/05/13 15:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<7.3		21	7.3	ug/Kg	☼	02/25/13 07:06	02/26/13 11:26	1
PCB-1221	<9.0		21	9.0	ug/Kg	☼	02/25/13 07:06	02/26/13 11:26	1
PCB-1232	<9.0		21	9.0	ug/Kg	☼	02/25/13 07:06	02/26/13 11:26	1
PCB-1242	<6.8		21	6.8	ug/Kg	☼	02/25/13 07:06	02/26/13 11:26	1

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54777-1

Client Sample ID: B-64 0-2'

Lab Sample ID: 500-54777-6

Date Collected: 02/19/13 11:50

Matrix: Solid

Date Received: 02/23/13 09:45

Percent Solids: 77.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	<8.1		21	8.1	ug/Kg	☼	02/25/13 07:06	02/26/13 11:26	1
PCB-1254	<4.4		21	4.4	ug/Kg	☼	02/25/13 07:06	02/26/13 11:26	1
PCB-1260	<10		21	10	ug/Kg	☼	02/25/13 07:06	02/26/13 11:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	72		50 - 116	02/25/13 07:06	02/26/13 11:26	1
DCB Decachlorobiphenyl	88		48 - 142	02/25/13 07:06	02/26/13 11:26	1

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54777-1

Client Sample ID: B-64 10-12'

Lab Sample ID: 500-54777-7

Date Collected: 02/19/13 12:00

Matrix: Solid

Date Received: 02/23/13 09:45

Percent Solids: 84.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<27		150	27	ug/Kg	*	02/19/13 12:00	02/26/13 19:47	50
1,1,1-Trichloroethane	<16		77	16	ug/Kg	*	02/19/13 12:00	02/26/13 19:47	50
1,1,2,2-Tetrachloroethane	<18		77	18	ug/Kg	*	02/19/13 12:00	02/26/13 19:47	50
1,1,2-Trichloroethane	<22		77	22	ug/Kg	*	02/19/13 12:00	02/26/13 19:47	50
1,1-Dichloroethane	<14		77	14	ug/Kg	*	02/19/13 12:00	02/26/13 19:47	50
1,1-Dichloroethene	<24		77	24	ug/Kg	*	02/19/13 12:00	02/26/13 19:47	50
1,1-Dichloropropene	<27		77	27	ug/Kg	*	02/19/13 12:00	02/26/13 19:47	50
1,2,3-Trichlorobenzene	<27		150	27	ug/Kg	*	02/19/13 12:00	02/26/13 19:47	50
1,2,3-Trichloropropane	<44		150	44	ug/Kg	*	02/19/13 12:00	02/26/13 19:47	50
1,2,4-Trichlorobenzene	<29		150	29	ug/Kg	*	02/19/13 12:00	02/26/13 19:47	50
1,2,4-Trimethylbenzene	<16		150	16	ug/Kg	*	02/19/13 12:00	02/26/13 19:47	50
1,2-Dibromo-3-Chloropropane	<67		150	67	ug/Kg	*	02/19/13 12:00	02/26/13 19:47	50
1,2-Dibromoethane	<24		150	24	ug/Kg	*	02/19/13 12:00	02/26/13 19:47	50
1,2-Dichlorobenzene	<16		150	16	ug/Kg	*	02/19/13 12:00	02/26/13 19:47	50
1,2-Dichloroethane	<22		77	22	ug/Kg	*	02/19/13 12:00	02/26/13 19:47	50
1,2-Dichloropropane	<15		77	15	ug/Kg	*	02/19/13 12:00	02/26/13 19:47	50
1,3,5-Trimethylbenzene	<16		150	16	ug/Kg	*	02/19/13 12:00	02/26/13 19:47	50
1,3-Dichlorobenzene	<20		150	20	ug/Kg	*	02/19/13 12:00	02/26/13 19:47	50
1,3-Dichloropropane	<10		77	10	ug/Kg	*	02/19/13 12:00	02/26/13 19:47	50
1,4-Dichlorobenzene	<13		150	13	ug/Kg	*	02/19/13 12:00	02/26/13 19:47	50
2,2-Dichloropropane	<24		77	24	ug/Kg	*	02/19/13 12:00	02/26/13 19:47	50
2-Chlorotoluene	<16		77	16	ug/Kg	*	02/19/13 12:00	02/26/13 19:47	50
4-Chlorotoluene	<15		77	15	ug/Kg	*	02/19/13 12:00	02/26/13 19:47	50
Benzene	<5.7		19	5.7	ug/Kg	*	02/19/13 12:00	02/26/13 19:47	50
Bromobenzene	<33		150	33	ug/Kg	*	02/19/13 12:00	02/26/13 19:47	50
Bromochloromethane	<29		150	29	ug/Kg	*	02/19/13 12:00	02/26/13 19:47	50
Bromodichloromethane	<26		150	26	ug/Kg	*	02/19/13 12:00	02/26/13 19:47	50
Bromoform	<34		150	34	ug/Kg	*	02/19/13 12:00	02/26/13 19:47	50
Bromomethane	<53		150	53	ug/Kg	*	02/19/13 12:00	02/26/13 19:47	50
Carbon tetrachloride	<20		77	20	ug/Kg	*	02/19/13 12:00	02/26/13 19:47	50
Chlorobenzene	<11		77	11	ug/Kg	*	02/19/13 12:00	02/26/13 19:47	50
Chloroethane	<34		150	34	ug/Kg	*	02/19/13 12:00	02/26/13 19:47	50
Chloroform	<16		77	16	ug/Kg	*	02/19/13 12:00	02/26/13 19:47	50
Chloromethane	<36		150	36	ug/Kg	*	02/19/13 12:00	02/26/13 19:47	50
cis-1,2-Dichloroethene	<9.5		77	9.5	ug/Kg	*	02/19/13 12:00	02/26/13 19:47	50
cis-1,3-Dichloropropene	<14		77	14	ug/Kg	*	02/19/13 12:00	02/26/13 19:47	50
Dibromochloromethane	<27		150	27	ug/Kg	*	02/19/13 12:00	02/26/13 19:47	50
Dibromomethane	<37		150	37	ug/Kg	*	02/19/13 12:00	02/26/13 19:47	50
Dichlorodifluoromethane	<40		150	40	ug/Kg	*	02/19/13 12:00	02/26/13 19:47	50
Ethylbenzene	<9.8		19	9.8	ug/Kg	*	02/19/13 12:00	02/26/13 19:47	50
Hexachlorobutadiene	<27		150	27	ug/Kg	*	02/19/13 12:00	02/26/13 19:47	50
Isopropyl ether	<11		150	11	ug/Kg	*	02/19/13 12:00	02/26/13 19:47	50
Isopropylbenzene	<19		150	19	ug/Kg	*	02/19/13 12:00	02/26/13 19:47	50
Methyl tert-butyl ether	<33		150	33	ug/Kg	*	02/19/13 12:00	02/26/13 19:47	50
Methylene Chloride	<53		390	53	ug/Kg	*	02/19/13 12:00	02/26/13 19:47	50
Naphthalene	<38		150	38	ug/Kg	*	02/19/13 12:00	02/26/13 19:47	50
n-Butylbenzene	<10		77	10	ug/Kg	*	02/19/13 12:00	02/26/13 19:47	50
N-Propylbenzene	<14		150	14	ug/Kg	*	02/19/13 12:00	02/26/13 19:47	50
p-Isopropyltoluene	<14		150	14	ug/Kg	*	02/19/13 12:00	02/26/13 19:47	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54777-1

Client Sample ID: B-64 10-12'

Lab Sample ID: 500-54777-7

Date Collected: 02/19/13 12:00

Matrix: Solid

Date Received: 02/23/13 09:45

Percent Solids: 84.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<12		77	12	ug/Kg	☼	02/19/13 12:00	02/26/13 19:47	50
Styrene	<7.7		77	7.7	ug/Kg	☼	02/19/13 12:00	02/26/13 19:47	50
tert-Butylbenzene	<11		77	11	ug/Kg	☼	02/19/13 12:00	02/26/13 19:47	50
Tetrachloroethene	<13		77	13	ug/Kg	☼	02/19/13 12:00	02/26/13 19:47	50
Toluene	<8.9		19	8.9	ug/Kg	☼	02/19/13 12:00	02/26/13 19:47	50
trans-1,2-Dichloroethene	<19		77	19	ug/Kg	☼	02/19/13 12:00	02/26/13 19:47	50
trans-1,3-Dichloropropene	<16		77	16	ug/Kg	☼	02/19/13 12:00	02/26/13 19:47	50
Trichloroethene	<14		39	14	ug/Kg	☼	02/19/13 12:00	02/26/13 19:47	50
Trichlorofluoromethane	<32		150	32	ug/Kg	☼	02/19/13 12:00	02/26/13 19:47	50
Vinyl chloride	<8.1		19	8.1	ug/Kg	☼	02/19/13 12:00	02/26/13 19:47	50
Xylenes, Total	<5.3		39	5.3	ug/Kg	☼	02/19/13 12:00	02/26/13 19:47	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		75 - 125				02/19/13 12:00	02/26/13 19:47	50
4-Bromofluorobenzene (Surr)	92		75 - 120				02/19/13 12:00	02/26/13 19:47	50
Dibromofluoromethane	98		75 - 120				02/19/13 12:00	02/26/13 19:47	50
Toluene-d8 (Surr)	101		75 - 120				02/19/13 12:00	02/26/13 19:47	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<19		38	19	ug/Kg	☼	02/25/13 07:15	03/05/13 16:02	1
2-Methylnaphthalene	<50		190	50	ug/Kg	☼	02/25/13 07:15	03/05/13 16:02	1
Acenaphthene	<11		38	11	ug/Kg	☼	02/25/13 07:15	03/05/13 16:02	1
Acenaphthylene	<8.8		38	8.8	ug/Kg	☼	02/25/13 07:15	03/05/13 16:02	1
Anthracene	18	J	38	9.0	ug/Kg	☼	02/25/13 07:15	03/05/13 16:02	1
Benzo[a]anthracene	170		38	8.0	ug/Kg	☼	02/25/13 07:15	03/05/13 16:02	1
Benzo[a]pyrene	270		38	7.0	ug/Kg	☼	02/25/13 07:15	03/05/13 16:02	1
Benzo[b]fluoranthene	380		38	7.4	ug/Kg	☼	02/25/13 07:15	03/05/13 16:02	1
Benzo[g,h,i]perylene	120		38	13	ug/Kg	☼	02/25/13 07:15	03/05/13 16:02	1
Benzo[k]fluoranthene	140		38	9.1	ug/Kg	☼	02/25/13 07:15	03/05/13 16:02	1
Chrysene	230		38	8.6	ug/Kg	☼	02/25/13 07:15	03/05/13 16:02	1
Dibenz(a,h)anthracene	38		38	11	ug/Kg	☼	02/25/13 07:15	03/05/13 16:02	1
Fluoranthene	250		38	16	ug/Kg	☼	02/25/13 07:15	03/05/13 16:02	1
Fluorene	<8.7		38	8.7	ug/Kg	☼	02/25/13 07:15	03/05/13 16:02	1
Indeno[1,2,3-cd]pyrene	99		38	13	ug/Kg	☼	02/25/13 07:15	03/05/13 16:02	1
Naphthalene	<7.4		38	7.4	ug/Kg	☼	02/25/13 07:15	03/05/13 16:02	1
Phenanthrene	71		38	16	ug/Kg	☼	02/25/13 07:15	03/05/13 16:02	1
Pyrene	260		38	14	ug/Kg	☼	02/25/13 07:15	03/05/13 16:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	92		30 - 119				02/25/13 07:15	03/05/13 16:02	1
Nitrobenzene-d5 (Surr)	74		30 - 115				02/25/13 07:15	03/05/13 16:02	1
Terphenyl-d14 (Surr)	103		36 - 134				02/25/13 07:15	03/05/13 16:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<6.9		20	6.9	ug/Kg	☼	02/25/13 07:06	02/26/13 11:40	1
PCB-1221	<8.6		20	8.6	ug/Kg	☼	02/25/13 07:06	02/26/13 11:40	1
PCB-1232	<8.5		20	8.5	ug/Kg	☼	02/25/13 07:06	02/26/13 11:40	1
PCB-1242	<6.4		20	6.4	ug/Kg	☼	02/25/13 07:06	02/26/13 11:40	1

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54777-1

Client Sample ID: B-64 10-12'

Lab Sample ID: 500-54777-7

Date Collected: 02/19/13 12:00

Matrix: Solid

Date Received: 02/23/13 09:45

Percent Solids: 84.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	<7.7		20	7.7	ug/Kg	☼	02/25/13 07:06	02/26/13 11:40	1
PCB-1254	<4.2		20	4.2	ug/Kg	☼	02/25/13 07:06	02/26/13 11:40	1
PCB-1260	<9.6		20	9.6	ug/Kg	☼	02/25/13 07:06	02/26/13 11:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	74		50 - 116	02/25/13 07:06	02/26/13 11:40	1
DCB Decachlorobiphenyl	91		48 - 142	02/25/13 07:06	02/26/13 11:40	1



Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54777-1

Client Sample ID: B-65 0-2'

Lab Sample ID: 500-54777-8

Date Collected: 02/19/13 12:35

Matrix: Solid

Date Received: 02/23/13 09:45

Percent Solids: 83.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<30		180	30	ug/Kg	*	02/19/13 12:35	02/26/13 20:14	50
1,1,1-Trichloroethane	<18		88	18	ug/Kg	*	02/19/13 12:35	02/26/13 20:14	50
1,1,2,2-Tetrachloroethane	<21		88	21	ug/Kg	*	02/19/13 12:35	02/26/13 20:14	50
1,1,2-Trichloroethane	<25		88	25	ug/Kg	*	02/19/13 12:35	02/26/13 20:14	50
1,1-Dichloroethane	<16		88	16	ug/Kg	*	02/19/13 12:35	02/26/13 20:14	50
1,1-Dichloroethene	<27		88	27	ug/Kg	*	02/19/13 12:35	02/26/13 20:14	50
1,1-Dichloropropene	<30		88	30	ug/Kg	*	02/19/13 12:35	02/26/13 20:14	50
1,2,3-Trichlorobenzene	<31		180	31	ug/Kg	*	02/19/13 12:35	02/26/13 20:14	50
1,2,3-Trichloropropane	<50		180	50	ug/Kg	*	02/19/13 12:35	02/26/13 20:14	50
1,2,4-Trichlorobenzene	<33		180	33	ug/Kg	*	02/19/13 12:35	02/26/13 20:14	50
1,2,4-Trimethylbenzene	<19		180	19	ug/Kg	*	02/19/13 12:35	02/26/13 20:14	50
1,2-Dibromo-3-Chloropropane	<77		180	77	ug/Kg	*	02/19/13 12:35	02/26/13 20:14	50
1,2-Dibromoethane	<28		180	28	ug/Kg	*	02/19/13 12:35	02/26/13 20:14	50
1,2-Dichlorobenzene	<18		180	18	ug/Kg	*	02/19/13 12:35	02/26/13 20:14	50
1,2-Dichloroethane	<25		88	25	ug/Kg	*	02/19/13 12:35	02/26/13 20:14	50
1,2-Dichloropropane	<17		88	17	ug/Kg	*	02/19/13 12:35	02/26/13 20:14	50
1,3,5-Trimethylbenzene	<18		180	18	ug/Kg	*	02/19/13 12:35	02/26/13 20:14	50
1,3-Dichlorobenzene	<23		180	23	ug/Kg	*	02/19/13 12:35	02/26/13 20:14	50
1,3-Dichloropropane	<12		88	12	ug/Kg	*	02/19/13 12:35	02/26/13 20:14	50
1,4-Dichlorobenzene	<15		180	15	ug/Kg	*	02/19/13 12:35	02/26/13 20:14	50
2,2-Dichloropropane	<28		88	28	ug/Kg	*	02/19/13 12:35	02/26/13 20:14	50
2-Chlorotoluene	<18		88	18	ug/Kg	*	02/19/13 12:35	02/26/13 20:14	50
4-Chlorotoluene	<17		88	17	ug/Kg	*	02/19/13 12:35	02/26/13 20:14	50
Benzene	<6.5		22	6.5	ug/Kg	*	02/19/13 12:35	02/26/13 20:14	50
Bromobenzene	<37		180	37	ug/Kg	*	02/19/13 12:35	02/26/13 20:14	50
Bromochloromethane	<33		180	33	ug/Kg	*	02/19/13 12:35	02/26/13 20:14	50
Bromodichloromethane	<30		180	30	ug/Kg	*	02/19/13 12:35	02/26/13 20:14	50
Bromoform	<39		180	39	ug/Kg	*	02/19/13 12:35	02/26/13 20:14	50
Bromomethane	<60		180	60	ug/Kg	*	02/19/13 12:35	02/26/13 20:14	50
Carbon tetrachloride	<23		88	23	ug/Kg	*	02/19/13 12:35	02/26/13 20:14	50
Chlorobenzene	<13		88	13	ug/Kg	*	02/19/13 12:35	02/26/13 20:14	50
Chloroethane	<38		180	38	ug/Kg	*	02/19/13 12:35	02/26/13 20:14	50
Chloroform	<18		88	18	ug/Kg	*	02/19/13 12:35	02/26/13 20:14	50
Chloromethane	<41		180	41	ug/Kg	*	02/19/13 12:35	02/26/13 20:14	50
cis-1,2-Dichloroethene	<11		88	11	ug/Kg	*	02/19/13 12:35	02/26/13 20:14	50
cis-1,3-Dichloropropene	<16		88	16	ug/Kg	*	02/19/13 12:35	02/26/13 20:14	50
Dibromochloromethane	<30		180	30	ug/Kg	*	02/19/13 12:35	02/26/13 20:14	50
Dibromomethane	<42		180	42	ug/Kg	*	02/19/13 12:35	02/26/13 20:14	50
Dichlorodifluoromethane	<45		180	45	ug/Kg	*	02/19/13 12:35	02/26/13 20:14	50
Ethylbenzene	<11		22	11	ug/Kg	*	02/19/13 12:35	02/26/13 20:14	50
Hexachlorobutadiene	<30		180	30	ug/Kg	*	02/19/13 12:35	02/26/13 20:14	50
Isopropyl ether	<13		180	13	ug/Kg	*	02/19/13 12:35	02/26/13 20:14	50
Isopropylbenzene	<22		180	22	ug/Kg	*	02/19/13 12:35	02/26/13 20:14	50
Methyl tert-butyl ether	<38		180	38	ug/Kg	*	02/19/13 12:35	02/26/13 20:14	50
Methylene Chloride	<60		440	60	ug/Kg	*	02/19/13 12:35	02/26/13 20:14	50
Naphthalene	<43		180	43	ug/Kg	*	02/19/13 12:35	02/26/13 20:14	50
n-Butylbenzene	<11		88	11	ug/Kg	*	02/19/13 12:35	02/26/13 20:14	50
N-Propylbenzene	<15		180	15	ug/Kg	*	02/19/13 12:35	02/26/13 20:14	50
p-Isopropyltoluene	<16		180	16	ug/Kg	*	02/19/13 12:35	02/26/13 20:14	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54777-1

Client Sample ID: B-65 0-2'

Lab Sample ID: 500-54777-8

Date Collected: 02/19/13 12:35

Matrix: Solid

Date Received: 02/23/13 09:45

Percent Solids: 83.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<14		88	14	ug/Kg	☼	02/19/13 12:35	02/26/13 20:14	50
Styrene	<8.7		88	8.7	ug/Kg	☼	02/19/13 12:35	02/26/13 20:14	50
tert-Butylbenzene	<12		88	12	ug/Kg	☼	02/19/13 12:35	02/26/13 20:14	50
Tetrachloroethene	<15		88	15	ug/Kg	☼	02/19/13 12:35	02/26/13 20:14	50
Toluene	<10		22	10	ug/Kg	☼	02/19/13 12:35	02/26/13 20:14	50
trans-1,2-Dichloroethene	<22		88	22	ug/Kg	☼	02/19/13 12:35	02/26/13 20:14	50
trans-1,3-Dichloropropene	<18		88	18	ug/Kg	☼	02/19/13 12:35	02/26/13 20:14	50
Trichloroethene	<16		44	16	ug/Kg	☼	02/19/13 12:35	02/26/13 20:14	50
Trichlorofluoromethane	<36		180	36	ug/Kg	☼	02/19/13 12:35	02/26/13 20:14	50
Vinyl chloride	<9.1		22	9.1	ug/Kg	☼	02/19/13 12:35	02/26/13 20:14	50
Xylenes, Total	<6.0		44	6.0	ug/Kg	☼	02/19/13 12:35	02/26/13 20:14	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		75 - 125				02/19/13 12:35	02/26/13 20:14	50
4-Bromofluorobenzene (Surr)	91		75 - 120				02/19/13 12:35	02/26/13 20:14	50
Dibromofluoromethane	96		75 - 120				02/19/13 12:35	02/26/13 20:14	50
Toluene-d8 (Surr)	99		75 - 120				02/19/13 12:35	02/26/13 20:14	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<19		39	19	ug/Kg	☼	02/25/13 07:15	03/05/13 16:23	1
2-Methylnaphthalene	<51		200	51	ug/Kg	☼	02/25/13 07:15	03/05/13 16:23	1
Acenaphthene	<12		39	12	ug/Kg	☼	02/25/13 07:15	03/05/13 16:23	1
Acenaphthylene	<9.0		39	9.0	ug/Kg	☼	02/25/13 07:15	03/05/13 16:23	1
Anthracene	<9.2		39	9.2	ug/Kg	☼	02/25/13 07:15	03/05/13 16:23	1
Benzo[a]anthracene	9.6	J	39	8.2	ug/Kg	☼	02/25/13 07:15	03/05/13 16:23	1
Benzo[a]pyrene	17	J	39	7.1	ug/Kg	☼	02/25/13 07:15	03/05/13 16:23	1
Benzo[b]fluoranthene	22	J	39	7.6	ug/Kg	☼	02/25/13 07:15	03/05/13 16:23	1
Benzo[g,h,i]perylene	<13		39	13	ug/Kg	☼	02/25/13 07:15	03/05/13 16:23	1
Benzo[k]fluoranthene	<9.3		39	9.3	ug/Kg	☼	02/25/13 07:15	03/05/13 16:23	1
Chrysene	12	J	39	8.8	ug/Kg	☼	02/25/13 07:15	03/05/13 16:23	1
Dibenz(a,h)anthracene	<11		39	11	ug/Kg	☼	02/25/13 07:15	03/05/13 16:23	1
Fluoranthene	<16		39	16	ug/Kg	☼	02/25/13 07:15	03/05/13 16:23	1
Fluorene	<8.9		39	8.9	ug/Kg	☼	02/25/13 07:15	03/05/13 16:23	1
Indeno[1,2,3-cd]pyrene	<13		39	13	ug/Kg	☼	02/25/13 07:15	03/05/13 16:23	1
Naphthalene	<7.5		39	7.5	ug/Kg	☼	02/25/13 07:15	03/05/13 16:23	1
Phenanthrene	<16		39	16	ug/Kg	☼	02/25/13 07:15	03/05/13 16:23	1
Pyrene	14	J	39	14	ug/Kg	☼	02/25/13 07:15	03/05/13 16:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	94		30 - 119				02/25/13 07:15	03/05/13 16:23	1
Nitrobenzene-d5 (Surr)	76		30 - 115				02/25/13 07:15	03/05/13 16:23	1
Terphenyl-d14 (Surr)	106		36 - 134				02/25/13 07:15	03/05/13 16:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<6.9		20	6.9	ug/Kg	☼	02/25/13 07:06	02/26/13 11:54	1
PCB-1221	<8.6		20	8.6	ug/Kg	☼	02/25/13 07:06	02/26/13 11:54	1
PCB-1232	<8.5		20	8.5	ug/Kg	☼	02/25/13 07:06	02/26/13 11:54	1
PCB-1242	<6.4		20	6.4	ug/Kg	☼	02/25/13 07:06	02/26/13 11:54	1

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54777-1

Client Sample ID: B-65 0-2'

Lab Sample ID: 500-54777-8

Date Collected: 02/19/13 12:35

Matrix: Solid

Date Received: 02/23/13 09:45

Percent Solids: 83.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	<7.7		20	7.7	ug/Kg	☼	02/25/13 07:06	02/26/13 11:54	1
PCB-1254	<4.2		20	4.2	ug/Kg	☼	02/25/13 07:06	02/26/13 11:54	1
PCB-1260	<9.6		20	9.6	ug/Kg	☼	02/25/13 07:06	02/26/13 11:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	61		50 - 116	02/25/13 07:06	02/26/13 11:54	1
DCB Decachlorobiphenyl	87		48 - 142	02/25/13 07:06	02/26/13 11:54	1



Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54777-1

Client Sample ID: B-65 12-14'

Lab Sample ID: 500-54777-9

Date Collected: 02/19/13 12:40

Matrix: Solid

Date Received: 02/23/13 09:45

Percent Solids: 84.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<31		180	31	ug/Kg	*	02/19/13 12:40	02/26/13 20:40	50
1,1,1-Trichloroethane	<18		90	18	ug/Kg	*	02/19/13 12:40	02/26/13 20:40	50
1,1,1,2,2-Tetrachloroethane	<21		90	21	ug/Kg	*	02/19/13 12:40	02/26/13 20:40	50
1,1,2-Trichloroethane	<25		90	25	ug/Kg	*	02/19/13 12:40	02/26/13 20:40	50
1,1-Dichloroethane	<17		90	17	ug/Kg	*	02/19/13 12:40	02/26/13 20:40	50
1,1-Dichloroethene	<28		90	28	ug/Kg	*	02/19/13 12:40	02/26/13 20:40	50
1,1-Dichloropropene	<31		90	31	ug/Kg	*	02/19/13 12:40	02/26/13 20:40	50
1,2,3-Trichlorobenzene	<32		180	32	ug/Kg	*	02/19/13 12:40	02/26/13 20:40	50
1,2,3-Trichloropropane	<52		180	52	ug/Kg	*	02/19/13 12:40	02/26/13 20:40	50
1,2,4-Trichlorobenzene	<34		180	34	ug/Kg	*	02/19/13 12:40	02/26/13 20:40	50
1,2,4-Trimethylbenzene	<19		180	19	ug/Kg	*	02/19/13 12:40	02/26/13 20:40	50
1,2-Dibromo-3-Chloropropane	<79		180	79	ug/Kg	*	02/19/13 12:40	02/26/13 20:40	50
1,2-Dibromoethane	<28		180	28	ug/Kg	*	02/19/13 12:40	02/26/13 20:40	50
1,2-Dichlorobenzene	<19		180	19	ug/Kg	*	02/19/13 12:40	02/26/13 20:40	50
1,2-Dichloroethane	<26		90	26	ug/Kg	*	02/19/13 12:40	02/26/13 20:40	50
1,2-Dichloropropane	<18		90	18	ug/Kg	*	02/19/13 12:40	02/26/13 20:40	50
1,3,5-Trimethylbenzene	<19		180	19	ug/Kg	*	02/19/13 12:40	02/26/13 20:40	50
1,3-Dichlorobenzene	<23		180	23	ug/Kg	*	02/19/13 12:40	02/26/13 20:40	50
1,3-Dichloropropane	<12		90	12	ug/Kg	*	02/19/13 12:40	02/26/13 20:40	50
1,4-Dichlorobenzene	<16		180	16	ug/Kg	*	02/19/13 12:40	02/26/13 20:40	50
2,2-Dichloropropane	<29		90	29	ug/Kg	*	02/19/13 12:40	02/26/13 20:40	50
2-Chlorotoluene	<19		90	19	ug/Kg	*	02/19/13 12:40	02/26/13 20:40	50
4-Chlorotoluene	<18		90	18	ug/Kg	*	02/19/13 12:40	02/26/13 20:40	50
Benzene	<6.7		23	6.7	ug/Kg	*	02/19/13 12:40	02/26/13 20:40	50
Bromobenzene	<38		180	38	ug/Kg	*	02/19/13 12:40	02/26/13 20:40	50
Bromochloromethane	<34		180	34	ug/Kg	*	02/19/13 12:40	02/26/13 20:40	50
Bromodichloromethane	<31		180	31	ug/Kg	*	02/19/13 12:40	02/26/13 20:40	50
Bromoform	<40		180	40	ug/Kg	*	02/19/13 12:40	02/26/13 20:40	50
Bromomethane	<62		180	62	ug/Kg	*	02/19/13 12:40	02/26/13 20:40	50
Carbon tetrachloride	<23		90	23	ug/Kg	*	02/19/13 12:40	02/26/13 20:40	50
Chlorobenzene	<13		90	13	ug/Kg	*	02/19/13 12:40	02/26/13 20:40	50
Chloroethane	<39		180	39	ug/Kg	*	02/19/13 12:40	02/26/13 20:40	50
Chloroform	<19		90	19	ug/Kg	*	02/19/13 12:40	02/26/13 20:40	50
Chloromethane	<42		180	42	ug/Kg	*	02/19/13 12:40	02/26/13 20:40	50
cis-1,2-Dichloroethene	<11		90	11	ug/Kg	*	02/19/13 12:40	02/26/13 20:40	50
cis-1,3-Dichloropropene	<16		90	16	ug/Kg	*	02/19/13 12:40	02/26/13 20:40	50
Dibromochloromethane	<31		180	31	ug/Kg	*	02/19/13 12:40	02/26/13 20:40	50
Dibromomethane	<43		180	43	ug/Kg	*	02/19/13 12:40	02/26/13 20:40	50
Dichlorodifluoromethane	<46		180	46	ug/Kg	*	02/19/13 12:40	02/26/13 20:40	50
Ethylbenzene	<11		23	11	ug/Kg	*	02/19/13 12:40	02/26/13 20:40	50
Hexachlorobutadiene	<31		180	31	ug/Kg	*	02/19/13 12:40	02/26/13 20:40	50
Isopropyl ether	<13		180	13	ug/Kg	*	02/19/13 12:40	02/26/13 20:40	50
Isopropylbenzene	<23		180	23	ug/Kg	*	02/19/13 12:40	02/26/13 20:40	50
Methyl tert-butyl ether	<39		180	39	ug/Kg	*	02/19/13 12:40	02/26/13 20:40	50
Methylene Chloride	<62		450	62	ug/Kg	*	02/19/13 12:40	02/26/13 20:40	50
Naphthalene	<45		180	45	ug/Kg	*	02/19/13 12:40	02/26/13 20:40	50
n-Butylbenzene	<12		90	12	ug/Kg	*	02/19/13 12:40	02/26/13 20:40	50
N-Propylbenzene	<16		180	16	ug/Kg	*	02/19/13 12:40	02/26/13 20:40	50
p-Isopropyltoluene	<17		180	17	ug/Kg	*	02/19/13 12:40	02/26/13 20:40	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54777-1

Client Sample ID: B-65 12-14'

Lab Sample ID: 500-54777-9

Date Collected: 02/19/13 12:40

Matrix: Solid

Date Received: 02/23/13 09:45

Percent Solids: 84.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<14		90	14	ug/Kg	☼	02/19/13 12:40	02/26/13 20:40	50
Styrene	<8.9		90	8.9	ug/Kg	☼	02/19/13 12:40	02/26/13 20:40	50
tert-Butylbenzene	<12		90	12	ug/Kg	☼	02/19/13 12:40	02/26/13 20:40	50
Tetrachloroethene	<15		90	15	ug/Kg	☼	02/19/13 12:40	02/26/13 20:40	50
Toluene	<10		23	10	ug/Kg	☼	02/19/13 12:40	02/26/13 20:40	50
trans-1,2-Dichloroethene	<23		90	23	ug/Kg	☼	02/19/13 12:40	02/26/13 20:40	50
trans-1,3-Dichloropropene	<19		90	19	ug/Kg	☼	02/19/13 12:40	02/26/13 20:40	50
Trichloroethene	<17		45	17	ug/Kg	☼	02/19/13 12:40	02/26/13 20:40	50
Trichlorofluoromethane	<38		180	38	ug/Kg	☼	02/19/13 12:40	02/26/13 20:40	50
Vinyl chloride	<9.4		23	9.4	ug/Kg	☼	02/19/13 12:40	02/26/13 20:40	50
Xylenes, Total	<6.2		45	6.2	ug/Kg	☼	02/19/13 12:40	02/26/13 20:40	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		75 - 125				02/19/13 12:40	02/26/13 20:40	50
4-Bromofluorobenzene (Surr)	91		75 - 120				02/19/13 12:40	02/26/13 20:40	50
Dibromofluoromethane	93		75 - 120				02/19/13 12:40	02/26/13 20:40	50
Toluene-d8 (Surr)	97		75 - 120				02/19/13 12:40	02/26/13 20:40	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	48		37	19	ug/Kg	☼	02/25/13 07:15	03/05/13 16:43	1
2-Methylnaphthalene	<49		190	49	ug/Kg	☼	02/25/13 07:15	03/05/13 16:43	1
Acenaphthene	26	J	37	11	ug/Kg	☼	02/25/13 07:15	03/05/13 16:43	1
Acenaphthylene	23	J	37	8.6	ug/Kg	☼	02/25/13 07:15	03/05/13 16:43	1
Anthracene	59		37	8.8	ug/Kg	☼	02/25/13 07:15	03/05/13 16:43	1
Benzo[a]anthracene	370		37	7.8	ug/Kg	☼	02/25/13 07:15	03/05/13 16:43	1
Benzo[a]pyrene	530		37	6.8	ug/Kg	☼	02/25/13 07:15	03/05/13 16:43	1
Benzo[b]fluoranthene	790		37	7.3	ug/Kg	☼	02/25/13 07:15	03/05/13 16:43	1
Benzo[g,h,i]perylene	330		37	13	ug/Kg	☼	02/25/13 07:15	03/05/13 16:43	1
Benzo[k]fluoranthene	290		37	8.9	ug/Kg	☼	02/25/13 07:15	03/05/13 16:43	1
Chrysene	410		37	8.4	ug/Kg	☼	02/25/13 07:15	03/05/13 16:43	1
Dibenz(a,h)anthracene	80		37	10	ug/Kg	☼	02/25/13 07:15	03/05/13 16:43	1
Fluoranthene	570		37	15	ug/Kg	☼	02/25/13 07:15	03/05/13 16:43	1
Fluorene	54		37	8.5	ug/Kg	☼	02/25/13 07:15	03/05/13 16:43	1
Indeno[1,2,3-cd]pyrene	240		37	13	ug/Kg	☼	02/25/13 07:15	03/05/13 16:43	1
Naphthalene	1300		37	7.2	ug/Kg	☼	02/25/13 07:15	03/05/13 16:43	1
Phenanthrene	310		37	16	ug/Kg	☼	02/25/13 07:15	03/05/13 16:43	1
Pyrene	580		37	14	ug/Kg	☼	02/25/13 07:15	03/05/13 16:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	89		30 - 119				02/25/13 07:15	03/05/13 16:43	1
Nitrobenzene-d5 (Surr)	68		30 - 115				02/25/13 07:15	03/05/13 16:43	1
Terphenyl-d14 (Surr)	105		36 - 134				02/25/13 07:15	03/05/13 16:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<6.8		19	6.8	ug/Kg	☼	02/25/13 07:06	02/26/13 12:08	1
PCB-1221	<8.4		19	8.4	ug/Kg	☼	02/25/13 07:06	02/26/13 12:08	1
PCB-1232	<8.4		19	8.4	ug/Kg	☼	02/25/13 07:06	02/26/13 12:08	1
PCB-1242	<6.3		19	6.3	ug/Kg	☼	02/25/13 07:06	02/26/13 12:08	1

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54777-1

Client Sample ID: B-65 12-14'

Lab Sample ID: 500-54777-9

Date Collected: 02/19/13 12:40

Matrix: Solid

Date Received: 02/23/13 09:45

Percent Solids: 84.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	<7.6		19	7.6	ug/Kg	☼	02/25/13 07:06	02/26/13 12:08	1
PCB-1254	<4.1		19	4.1	ug/Kg	☼	02/25/13 07:06	02/26/13 12:08	1
PCB-1260	<9.4		19	9.4	ug/Kg	☼	02/25/13 07:06	02/26/13 12:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	72		50 - 116	02/25/13 07:06	02/26/13 12:08	1
DCB Decachlorobiphenyl	84		48 - 142	02/25/13 07:06	02/26/13 12:08	1

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54777-1

Client Sample ID: B-115 15'

Lab Sample ID: 500-54777-10

Date Collected: 02/19/13 13:05

Matrix: Solid

Date Received: 02/23/13 09:45

Percent Solids: 84.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<29		170	29	ug/Kg	*	02/19/13 13:05	02/26/13 21:06	50
1,1,1-Trichloroethane	<17		85	17	ug/Kg	*	02/19/13 13:05	02/26/13 21:06	50
1,1,2,2-Tetrachloroethane	<20		85	20	ug/Kg	*	02/19/13 13:05	02/26/13 21:06	50
1,1,2-Trichloroethane	<24		85	24	ug/Kg	*	02/19/13 13:05	02/26/13 21:06	50
1,1-Dichloroethane	<16		85	16	ug/Kg	*	02/19/13 13:05	02/26/13 21:06	50
1,1-Dichloroethene	<26		85	26	ug/Kg	*	02/19/13 13:05	02/26/13 21:06	50
1,1-Dichloropropene	<29		85	29	ug/Kg	*	02/19/13 13:05	02/26/13 21:06	50
1,2,3-Trichlorobenzene	<30		170	30	ug/Kg	*	02/19/13 13:05	02/26/13 21:06	50
1,2,3-Trichloropropane	<49		170	49	ug/Kg	*	02/19/13 13:05	02/26/13 21:06	50
1,2,4-Trichlorobenzene	<32		170	32	ug/Kg	*	02/19/13 13:05	02/26/13 21:06	50
1,2,4-Trimethylbenzene	<18		170	18	ug/Kg	*	02/19/13 13:05	02/26/13 21:06	50
1,2-Dibromo-3-Chloropropane	<74		170	74	ug/Kg	*	02/19/13 13:05	02/26/13 21:06	50
1,2-Dibromoethane	<27		170	27	ug/Kg	*	02/19/13 13:05	02/26/13 21:06	50
1,2-Dichlorobenzene	<17		170	17	ug/Kg	*	02/19/13 13:05	02/26/13 21:06	50
1,2-Dichloroethane	<24		85	24	ug/Kg	*	02/19/13 13:05	02/26/13 21:06	50
1,2-Dichloropropane	<17		85	17	ug/Kg	*	02/19/13 13:05	02/26/13 21:06	50
1,3,5-Trimethylbenzene	<17		170	17	ug/Kg	*	02/19/13 13:05	02/26/13 21:06	50
1,3-Dichlorobenzene	<22		170	22	ug/Kg	*	02/19/13 13:05	02/26/13 21:06	50
1,3-Dichloropropane	<11		85	11	ug/Kg	*	02/19/13 13:05	02/26/13 21:06	50
1,4-Dichlorobenzene	<15		170	15	ug/Kg	*	02/19/13 13:05	02/26/13 21:06	50
2,2-Dichloropropane	<27		85	27	ug/Kg	*	02/19/13 13:05	02/26/13 21:06	50
2-Chlorotoluene	<18		85	18	ug/Kg	*	02/19/13 13:05	02/26/13 21:06	50
4-Chlorotoluene	<17		85	17	ug/Kg	*	02/19/13 13:05	02/26/13 21:06	50
Benzene	<6.3		21	6.3	ug/Kg	*	02/19/13 13:05	02/26/13 21:06	50
Bromobenzene	<36		170	36	ug/Kg	*	02/19/13 13:05	02/26/13 21:06	50
Bromochloromethane	<32		170	32	ug/Kg	*	02/19/13 13:05	02/26/13 21:06	50
Bromodichloromethane	<29		170	29	ug/Kg	*	02/19/13 13:05	02/26/13 21:06	50
Bromoform	<37		170	37	ug/Kg	*	02/19/13 13:05	02/26/13 21:06	50
Bromomethane	<58		170	58	ug/Kg	*	02/19/13 13:05	02/26/13 21:06	50
Carbon tetrachloride	<22		85	22	ug/Kg	*	02/19/13 13:05	02/26/13 21:06	50
Chlorobenzene	<12		85	12	ug/Kg	*	02/19/13 13:05	02/26/13 21:06	50
Chloroethane	<37		170	37	ug/Kg	*	02/19/13 13:05	02/26/13 21:06	50
Chloroform	<17		85	17	ug/Kg	*	02/19/13 13:05	02/26/13 21:06	50
Chloromethane	<39		170	39	ug/Kg	*	02/19/13 13:05	02/26/13 21:06	50
cis-1,2-Dichloroethene	<10		85	10	ug/Kg	*	02/19/13 13:05	02/26/13 21:06	50
cis-1,3-Dichloropropene	<15		85	15	ug/Kg	*	02/19/13 13:05	02/26/13 21:06	50
Dibromochloromethane	<29		170	29	ug/Kg	*	02/19/13 13:05	02/26/13 21:06	50
Dibromomethane	<41		170	41	ug/Kg	*	02/19/13 13:05	02/26/13 21:06	50
Dichlorodifluoromethane	<43		170	43	ug/Kg	*	02/19/13 13:05	02/26/13 21:06	50
Ethylbenzene	<11		21	11	ug/Kg	*	02/19/13 13:05	02/26/13 21:06	50
Hexachlorobutadiene	<29		170	29	ug/Kg	*	02/19/13 13:05	02/26/13 21:06	50
Isopropyl ether	<12		170	12	ug/Kg	*	02/19/13 13:05	02/26/13 21:06	50
Isopropylbenzene	<21		170	21	ug/Kg	*	02/19/13 13:05	02/26/13 21:06	50
Methyl tert-butyl ether	<36		170	36	ug/Kg	*	02/19/13 13:05	02/26/13 21:06	50
Methylene Chloride	<58		420	58	ug/Kg	*	02/19/13 13:05	02/26/13 21:06	50
Naphthalene	<42		170	42	ug/Kg	*	02/19/13 13:05	02/26/13 21:06	50
n-Butylbenzene	<11		85	11	ug/Kg	*	02/19/13 13:05	02/26/13 21:06	50
N-Propylbenzene	<15		170	15	ug/Kg	*	02/19/13 13:05	02/26/13 21:06	50
p-Isopropyltoluene	<16		170	16	ug/Kg	*	02/19/13 13:05	02/26/13 21:06	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54777-1

Client Sample ID: B-115 15'

Lab Sample ID: 500-54777-10

Date Collected: 02/19/13 13:05

Matrix: Solid

Date Received: 02/23/13 09:45

Percent Solids: 84.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<13		85	13	ug/Kg	☼	02/19/13 13:05	02/26/13 21:06	50
Styrene	<8.4		85	8.4	ug/Kg	☼	02/19/13 13:05	02/26/13 21:06	50
tert-Butylbenzene	<12		85	12	ug/Kg	☼	02/19/13 13:05	02/26/13 21:06	50
Tetrachloroethene	<14		85	14	ug/Kg	☼	02/19/13 13:05	02/26/13 21:06	50
Toluene	<9.7		21	9.7	ug/Kg	☼	02/19/13 13:05	02/26/13 21:06	50
trans-1,2-Dichloroethene	<21		85	21	ug/Kg	☼	02/19/13 13:05	02/26/13 21:06	50
trans-1,3-Dichloropropene	<18		85	18	ug/Kg	☼	02/19/13 13:05	02/26/13 21:06	50
Trichloroethene	<16		42	16	ug/Kg	☼	02/19/13 13:05	02/26/13 21:06	50
Trichlorofluoromethane	<35		170	35	ug/Kg	☼	02/19/13 13:05	02/26/13 21:06	50
Vinyl chloride	<8.8		21	8.8	ug/Kg	☼	02/19/13 13:05	02/26/13 21:06	50
Xylenes, Total	<5.8		42	5.8	ug/Kg	☼	02/19/13 13:05	02/26/13 21:06	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		75 - 125				02/19/13 13:05	02/26/13 21:06	50
4-Bromofluorobenzene (Surr)	93		75 - 120				02/19/13 13:05	02/26/13 21:06	50
Dibromofluoromethane	97		75 - 120				02/19/13 13:05	02/26/13 21:06	50
Toluene-d8 (Surr)	100		75 - 120				02/19/13 13:05	02/26/13 21:06	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	19	J	39	19	ug/Kg	☼	02/25/13 07:15	03/05/13 18:46	1
2-Methylnaphthalene	<51		200	51	ug/Kg	☼	02/25/13 07:15	03/05/13 18:46	1
Acenaphthene	13	J	39	12	ug/Kg	☼	02/25/13 07:15	03/05/13 18:46	1
Acenaphthylene	98		39	9.0	ug/Kg	☼	02/25/13 07:15	03/05/13 18:46	1
Anthracene	96		39	9.2	ug/Kg	☼	02/25/13 07:15	03/05/13 18:46	1
Benzo[a]anthracene	520		39	8.2	ug/Kg	☼	02/25/13 07:15	03/05/13 18:46	1
Benzo[a]pyrene	710		39	7.1	ug/Kg	☼	02/25/13 07:15	03/05/13 18:46	1
Benzo[b]fluoranthene	900		39	7.6	ug/Kg	☼	02/25/13 07:15	03/05/13 18:46	1
Benzo[g,h,i]perylene	760		39	13	ug/Kg	☼	02/25/13 07:15	03/05/13 18:46	1
Benzo[k]fluoranthene	290		39	9.3	ug/Kg	☼	02/25/13 07:15	03/05/13 18:46	1
Chrysene	530		39	8.8	ug/Kg	☼	02/25/13 07:15	03/05/13 18:46	1
Dibenz(a,h)anthracene	230		39	11	ug/Kg	☼	02/25/13 07:15	03/05/13 18:46	1
Fluoranthene	700		39	16	ug/Kg	☼	02/25/13 07:15	03/05/13 18:46	1
Fluorene	30	J	39	8.9	ug/Kg	☼	02/25/13 07:15	03/05/13 18:46	1
Indeno[1,2,3-cd]pyrene	590		39	13	ug/Kg	☼	02/25/13 07:15	03/05/13 18:46	1
Naphthalene	24	J	39	7.5	ug/Kg	☼	02/25/13 07:15	03/05/13 18:46	1
Phenanthrene	270		39	16	ug/Kg	☼	02/25/13 07:15	03/05/13 18:46	1
Pyrene	880		39	14	ug/Kg	☼	02/25/13 07:15	03/05/13 18:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	90		30 - 119				02/25/13 07:15	03/05/13 18:46	1
Nitrobenzene-d5 (Surr)	60		30 - 115				02/25/13 07:15	03/05/13 18:46	1
Terphenyl-d14 (Surr)	123		36 - 134				02/25/13 07:15	03/05/13 18:46	1

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54777-1

Client Sample ID: B-107 15'

Lab Sample ID: 500-54777-11

Date Collected: 02/20/13 10:25

Matrix: Solid

Date Received: 02/23/13 09:45

Percent Solids: 87.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<27		150	27	ug/Kg	*	02/19/13 00:00	02/26/13 21:32	50
1,1,1-Trichloroethane	<15		77	15	ug/Kg	*	02/19/13 00:00	02/26/13 21:32	50
1,1,2,2-Tetrachloroethane	<18		77	18	ug/Kg	*	02/19/13 00:00	02/26/13 21:32	50
1,1,2-Trichloroethane	<22		77	22	ug/Kg	*	02/19/13 00:00	02/26/13 21:32	50
1,1-Dichloroethane	<14		77	14	ug/Kg	*	02/19/13 00:00	02/26/13 21:32	50
1,1-Dichloroethene	<24		77	24	ug/Kg	*	02/19/13 00:00	02/26/13 21:32	50
1,1-Dichloropropene	<27		77	27	ug/Kg	*	02/19/13 00:00	02/26/13 21:32	50
1,2,3-Trichlorobenzene	<27		150	27	ug/Kg	*	02/19/13 00:00	02/26/13 21:32	50
1,2,3-Trichloropropane	<44		150	44	ug/Kg	*	02/19/13 00:00	02/26/13 21:32	50
1,2,4-Trichlorobenzene	<29		150	29	ug/Kg	*	02/19/13 00:00	02/26/13 21:32	50
1,2,4-Trimethylbenzene	820		150	16	ug/Kg	*	02/19/13 00:00	02/26/13 21:32	50
1,2-Dibromo-3-Chloropropane	<67		150	67	ug/Kg	*	02/19/13 00:00	02/26/13 21:32	50
1,2-Dibromoethane	<24		150	24	ug/Kg	*	02/19/13 00:00	02/26/13 21:32	50
1,2-Dichlorobenzene	<16		150	16	ug/Kg	*	02/19/13 00:00	02/26/13 21:32	50
1,2-Dichloroethane	<22		77	22	ug/Kg	*	02/19/13 00:00	02/26/13 21:32	50
1,2-Dichloropropane	<15		77	15	ug/Kg	*	02/19/13 00:00	02/26/13 21:32	50
1,3,5-Trimethylbenzene	330		150	16	ug/Kg	*	02/19/13 00:00	02/26/13 21:32	50
1,3-Dichlorobenzene	<20		150	20	ug/Kg	*	02/19/13 00:00	02/26/13 21:32	50
1,3-Dichloropropane	<10		77	10	ug/Kg	*	02/19/13 00:00	02/26/13 21:32	50
1,4-Dichlorobenzene	<13		150	13	ug/Kg	*	02/19/13 00:00	02/26/13 21:32	50
2,2-Dichloropropane	<24		77	24	ug/Kg	*	02/19/13 00:00	02/26/13 21:32	50
2-Chlorotoluene	<16		77	16	ug/Kg	*	02/19/13 00:00	02/26/13 21:32	50
4-Chlorotoluene	<15		77	15	ug/Kg	*	02/19/13 00:00	02/26/13 21:32	50
Benzene	1400		19	5.7	ug/Kg	*	02/19/13 00:00	02/26/13 21:32	50
Bromobenzene	<33		150	33	ug/Kg	*	02/19/13 00:00	02/26/13 21:32	50
Bromochloromethane	<29		150	29	ug/Kg	*	02/19/13 00:00	02/26/13 21:32	50
Bromodichloromethane	<26		150	26	ug/Kg	*	02/19/13 00:00	02/26/13 21:32	50
Bromoform	<34		150	34	ug/Kg	*	02/19/13 00:00	02/26/13 21:32	50
Bromomethane	<53		150	53	ug/Kg	*	02/19/13 00:00	02/26/13 21:32	50
Carbon tetrachloride	<20		77	20	ug/Kg	*	02/19/13 00:00	02/26/13 21:32	50
Chlorobenzene	<11		77	11	ug/Kg	*	02/19/13 00:00	02/26/13 21:32	50
Chloroethane	<34		150	34	ug/Kg	*	02/19/13 00:00	02/26/13 21:32	50
Chloroform	<16		77	16	ug/Kg	*	02/19/13 00:00	02/26/13 21:32	50
Chloromethane	<36		150	36	ug/Kg	*	02/19/13 00:00	02/26/13 21:32	50
cis-1,2-Dichloroethene	<9.5		77	9.5	ug/Kg	*	02/19/13 00:00	02/26/13 21:32	50
cis-1,3-Dichloropropene	<14		77	14	ug/Kg	*	02/19/13 00:00	02/26/13 21:32	50
Dibromochloromethane	<27		150	27	ug/Kg	*	02/19/13 00:00	02/26/13 21:32	50
Dibromomethane	<37		150	37	ug/Kg	*	02/19/13 00:00	02/26/13 21:32	50
Dichlorodifluoromethane	<40		150	40	ug/Kg	*	02/19/13 00:00	02/26/13 21:32	50
Ethylbenzene	2600		19	9.7	ug/Kg	*	02/19/13 00:00	02/26/13 21:32	50
Hexachlorobutadiene	<27		150	27	ug/Kg	*	02/19/13 00:00	02/26/13 21:32	50
Isopropyl ether	<11		150	11	ug/Kg	*	02/19/13 00:00	02/26/13 21:32	50
Isopropylbenzene	71 J		150	19	ug/Kg	*	02/19/13 00:00	02/26/13 21:32	50
Methyl tert-butyl ether	<33		150	33	ug/Kg	*	02/19/13 00:00	02/26/13 21:32	50
Methylene Chloride	<53		390	53	ug/Kg	*	02/19/13 00:00	02/26/13 21:32	50
n-Butylbenzene	<9.9		77	9.9	ug/Kg	*	02/19/13 00:00	02/26/13 21:32	50
N-Propylbenzene	<13		150	13	ug/Kg	*	02/19/13 00:00	02/26/13 21:32	50
p-Isopropyltoluene	<14		150	14	ug/Kg	*	02/19/13 00:00	02/26/13 21:32	50
sec-Butylbenzene	<12		77	12	ug/Kg	*	02/19/13 00:00	02/26/13 21:32	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54777-1

Client Sample ID: B-107 15'

Lab Sample ID: 500-54777-11

Date Collected: 02/20/13 10:25

Matrix: Solid

Date Received: 02/23/13 09:45

Percent Solids: 87.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	550		77	7.6	ug/Kg	☼	02/19/13 00:00	02/26/13 21:32	50
tert-Butylbenzene	<10		77	10	ug/Kg	☼	02/19/13 00:00	02/26/13 21:32	50
Tetrachloroethene	<13		77	13	ug/Kg	☼	02/19/13 00:00	02/26/13 21:32	50
Toluene	300		19	8.9	ug/Kg	☼	02/19/13 00:00	02/26/13 21:32	50
trans-1,2-Dichloroethene	<19		77	19	ug/Kg	☼	02/19/13 00:00	02/26/13 21:32	50
trans-1,3-Dichloropropene	<16		77	16	ug/Kg	☼	02/19/13 00:00	02/26/13 21:32	50
Trichloroethene	<14		39	14	ug/Kg	☼	02/19/13 00:00	02/26/13 21:32	50
Trichlorofluoromethane	<32		150	32	ug/Kg	☼	02/19/13 00:00	02/26/13 21:32	50
Vinyl chloride	<8.0		19	8.0	ug/Kg	☼	02/19/13 00:00	02/26/13 21:32	50
Xylenes, Total	5600		39	5.3	ug/Kg	☼	02/19/13 00:00	02/26/13 21:32	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		75 - 125				02/19/13 00:00	02/26/13 21:32	50
4-Bromofluorobenzene (Surr)	96		75 - 120				02/19/13 00:00	02/26/13 21:32	50
Dibromofluoromethane	98		75 - 120				02/19/13 00:00	02/26/13 21:32	50
Toluene-d8 (Surr)	99		75 - 120				02/19/13 00:00	02/26/13 21:32	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	32000		1500	380	ug/Kg	☼	02/19/13 00:00	02/26/13 21:59	500
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		75 - 125				02/19/13 00:00	02/26/13 21:59	500
4-Bromofluorobenzene (Surr)	91		75 - 120				02/19/13 00:00	02/26/13 21:59	500
Dibromofluoromethane	98		75 - 120				02/19/13 00:00	02/26/13 21:59	500
Toluene-d8 (Surr)	98		75 - 120				02/19/13 00:00	02/26/13 21:59	500

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<19		37	19	ug/Kg	☼	02/25/13 07:15	03/06/13 18:48	1
2-Methylnaphthalene	<49		190	49	ug/Kg	☼	02/25/13 07:15	03/06/13 18:48	1
Acenaphthene	<11		37	11	ug/Kg	☼	02/25/13 07:15	03/06/13 18:48	1
Acenaphthylene	<8.6		37	8.6	ug/Kg	☼	02/25/13 07:15	03/06/13 18:48	1
Anthracene	<8.9		37	8.9	ug/Kg	☼	02/25/13 07:15	03/06/13 18:48	1
Benzo[a]anthracene	<7.9		37	7.9	ug/Kg	☼	02/25/13 07:15	03/06/13 18:48	1
Benzo[a]pyrene	8.4 J		37	6.9	ug/Kg	☼	02/25/13 07:15	03/06/13 18:48	1
Benzo[b]fluoranthene	<7.3		37	7.3	ug/Kg	☼	02/25/13 07:15	03/06/13 18:48	1
Benzo[g,h,i]perylene	<13		37	13	ug/Kg	☼	02/25/13 07:15	03/06/13 18:48	1
Benzo[k]fluoranthene	<9.0		37	9.0	ug/Kg	☼	02/25/13 07:15	03/06/13 18:48	1
Chrysene	<8.5		37	8.5	ug/Kg	☼	02/25/13 07:15	03/06/13 18:48	1
Dibenz(a,h)anthracene	<11		37	11	ug/Kg	☼	02/25/13 07:15	03/06/13 18:48	1
Fluoranthene	<15		37	15	ug/Kg	☼	02/25/13 07:15	03/06/13 18:48	1
Fluorene	<8.6		37	8.6	ug/Kg	☼	02/25/13 07:15	03/06/13 18:48	1
Indeno[1,2,3-cd]pyrene	<13		37	13	ug/Kg	☼	02/25/13 07:15	03/06/13 18:48	1
Naphthalene	<7.3		37	7.3	ug/Kg	☼	02/25/13 07:15	03/06/13 18:48	1
Phenanthrene	<16		37	16	ug/Kg	☼	02/25/13 07:15	03/06/13 18:48	1
Pyrene	<14		37	14	ug/Kg	☼	02/25/13 07:15	03/06/13 18:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	94		30 - 119				02/25/13 07:15	03/06/13 18:48	1
Nitrobenzene-d5 (Surr)	74		30 - 115				02/25/13 07:15	03/06/13 18:48	1

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54777-1

Client Sample ID: B-107 15'

Date Collected: 02/20/13 10:25

Date Received: 02/23/13 09:45

Lab Sample ID: 500-54777-11

Matrix: Solid

Percent Solids: 87.2

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>Terphenyl-d14 (Surr)</i>	88		36 - 134	02/25/13 07:15	03/06/13 18:48	1

- 1
- 2
- 3
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- 15

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54777-1

Client Sample ID: B-51 0-2'

Lab Sample ID: 500-54777-12

Date Collected: 02/20/13 12:05

Matrix: Solid

Date Received: 02/23/13 09:45

Percent Solids: 81.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<41		240	41	ug/Kg	☼	02/20/13 10:25	02/27/13 16:01	50
1,1,1-Trichloroethane	<24		120	24	ug/Kg	☼	02/20/13 10:25	02/27/13 16:01	50
1,1,2,2-Tetrachloroethane	<28		120	28	ug/Kg	☼	02/20/13 10:25	02/27/13 16:01	50
1,1,2-Trichloroethane	<33		120	33	ug/Kg	☼	02/20/13 10:25	02/27/13 16:01	50
1,1-Dichloroethane	<22		120	22	ug/Kg	☼	02/20/13 10:25	02/27/13 16:01	50
1,1-Dichloroethene	<36		120	36	ug/Kg	☼	02/20/13 10:25	02/27/13 16:01	50
1,1-Dichloropropene	<41		120	41	ug/Kg	☼	02/20/13 10:25	02/27/13 16:01	50
1,2,3-Trichlorobenzene	<42		240	42	ug/Kg	☼	02/20/13 10:25	02/27/13 16:01	50
1,2,3-Trichloropropane	<68		240	68	ug/Kg	☼	02/20/13 10:25	02/27/13 16:01	50
1,2,4-Trichlorobenzene	<45		240	45	ug/Kg	☼	02/20/13 10:25	02/27/13 16:01	50
1,2,4-Trimethylbenzene	<25		240	25	ug/Kg	☼	02/20/13 10:25	02/27/13 16:01	50
1,2-Dibromo-3-Chloropropane	<100		240	100	ug/Kg	☼	02/20/13 10:25	02/27/13 16:01	50
1,2-Dibromoethane	<37		240	37	ug/Kg	☼	02/20/13 10:25	02/27/13 16:01	50
1,2-Dichlorobenzene	<24		240	24	ug/Kg	☼	02/20/13 10:25	02/27/13 16:01	50
1,2-Dichloroethane	<34		120	34	ug/Kg	☼	02/20/13 10:25	02/27/13 16:01	50
1,2-Dichloropropane	<23		120	23	ug/Kg	☼	02/20/13 10:25	02/27/13 16:01	50
1,3,5-Trimethylbenzene	<24		240	24	ug/Kg	☼	02/20/13 10:25	02/27/13 16:01	50
1,3-Dichlorobenzene	<30		240	30	ug/Kg	☼	02/20/13 10:25	02/27/13 16:01	50
1,3-Dichloropropane	<16		120	16	ug/Kg	☼	02/20/13 10:25	02/27/13 16:01	50
1,4-Dichlorobenzene	<21		240	21	ug/Kg	☼	02/20/13 10:25	02/27/13 16:01	50
2,2-Dichloropropane	<37		120	37	ug/Kg	☼	02/20/13 10:25	02/27/13 16:01	50
2-Chlorotoluene	<25		120	25	ug/Kg	☼	02/20/13 10:25	02/27/13 16:01	50
4-Chlorotoluene	<23		120	23	ug/Kg	☼	02/20/13 10:25	02/27/13 16:01	50
Benzene	<8.8		30	8.8	ug/Kg	☼	02/20/13 10:25	02/27/13 16:01	50
Bromobenzene	<50		240	50	ug/Kg	☼	02/20/13 10:25	02/27/13 16:01	50
Bromochloromethane	<45		240	45	ug/Kg	☼	02/20/13 10:25	02/27/13 16:01	50
Bromodichloromethane	<40		240	40	ug/Kg	☼	02/20/13 10:25	02/27/13 16:01	50
Bromoform	<52		240	52	ug/Kg	☼	02/20/13 10:25	02/27/13 16:01	50
Bromomethane	<81		240	81	ug/Kg	☼	02/20/13 10:25	02/27/13 16:01	50
Carbon tetrachloride	<30		120	30	ug/Kg	☼	02/20/13 10:25	02/27/13 16:01	50
Chlorobenzene	<17		120	17	ug/Kg	☼	02/20/13 10:25	02/27/13 16:01	50
Chloroethane	<52		240	52	ug/Kg	☼	02/20/13 10:25	02/27/13 16:01	50
Chloroform	<24		120	24	ug/Kg	☼	02/20/13 10:25	02/27/13 16:01	50
Chloromethane	<55		240	55	ug/Kg	☼	02/20/13 10:25	02/27/13 16:01	50
cis-1,2-Dichloroethene	<15		120	15	ug/Kg	☼	02/20/13 10:25	02/27/13 16:01	50
cis-1,3-Dichloropropene	<21		120	21	ug/Kg	☼	02/20/13 10:25	02/27/13 16:01	50
Dibromochloromethane	<41		240	41	ug/Kg	☼	02/20/13 10:25	02/27/13 16:01	50
Dibromomethane	<57		240	57	ug/Kg	☼	02/20/13 10:25	02/27/13 16:01	50
Dichlorodifluoromethane	<61		240	61	ug/Kg	☼	02/20/13 10:25	02/27/13 16:01	50
Ethylbenzene	<15		30	15	ug/Kg	☼	02/20/13 10:25	02/27/13 16:01	50
Hexachlorobutadiene	<41		240	41	ug/Kg	☼	02/20/13 10:25	02/27/13 16:01	50
Isopropyl ether	<17		240	17	ug/Kg	☼	02/20/13 10:25	02/27/13 16:01	50
Isopropylbenzene	<30		240	30	ug/Kg	☼	02/20/13 10:25	02/27/13 16:01	50
Methyl tert-butyl ether	<51		240	51	ug/Kg	☼	02/20/13 10:25	02/27/13 16:01	50
Methylene Chloride	<81		590	81	ug/Kg	☼	02/20/13 10:25	02/27/13 16:01	50
Naphthalene	<59		240	59	ug/Kg	☼	02/20/13 10:25	02/27/13 16:01	50
n-Butylbenzene	<15		120	15	ug/Kg	☼	02/20/13 10:25	02/27/13 16:01	50
N-Propylbenzene	<21		240	21	ug/Kg	☼	02/20/13 10:25	02/27/13 16:01	50
p-Isopropyltoluene	<22		240	22	ug/Kg	☼	02/20/13 10:25	02/27/13 16:01	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54777-1

Client Sample ID: B-51 0-2'

Lab Sample ID: 500-54777-12

Date Collected: 02/20/13 12:05

Matrix: Solid

Date Received: 02/23/13 09:45

Percent Solids: 81.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<18		120	18	ug/Kg	☼	02/20/13 10:25	02/27/13 16:01	50
Styrene	<12		120	12	ug/Kg	☼	02/20/13 10:25	02/27/13 16:01	50
tert-Butylbenzene	<16		120	16	ug/Kg	☼	02/20/13 10:25	02/27/13 16:01	50
Tetrachloroethene	<20		120	20	ug/Kg	☼	02/20/13 10:25	02/27/13 16:01	50
Toluene	<14		30	14	ug/Kg	☼	02/20/13 10:25	02/27/13 16:01	50
trans-1,2-Dichloroethene	<30		120	30	ug/Kg	☼	02/20/13 10:25	02/27/13 16:01	50
trans-1,3-Dichloropropene	<25		120	25	ug/Kg	☼	02/20/13 10:25	02/27/13 16:01	50
Trichloroethene	<22		59	22	ug/Kg	☼	02/20/13 10:25	02/27/13 16:01	50
Trichlorofluoromethane	<49		240	49	ug/Kg	☼	02/20/13 10:25	02/27/13 16:01	50
Vinyl chloride	<12		30	12	ug/Kg	☼	02/20/13 10:25	02/27/13 16:01	50
Xylenes, Total	<8.1		59	8.1	ug/Kg	☼	02/20/13 10:25	02/27/13 16:01	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	110		75 - 125				02/20/13 10:25	02/27/13 16:01	50
4-Bromofluorobenzene (Surr)	94		75 - 120				02/20/13 10:25	02/27/13 16:01	50
Dibromofluoromethane	96		75 - 120				02/20/13 10:25	02/27/13 16:01	50
Toluene-d8 (Surr)	94		75 - 120				02/20/13 10:25	02/27/13 16:01	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<19		39	19	ug/Kg	☼	02/25/13 07:15	03/06/13 19:11	1
2-Methylnaphthalene	<50		190	50	ug/Kg	☼	02/25/13 07:15	03/06/13 19:11	1
Acenaphthene	<12		39	12	ug/Kg	☼	02/25/13 07:15	03/06/13 19:11	1
Acenaphthylene	<8.9		39	8.9	ug/Kg	☼	02/25/13 07:15	03/06/13 19:11	1
Anthracene	<9.1		39	9.1	ug/Kg	☼	02/25/13 07:15	03/06/13 19:11	1
Benzo[a]anthracene	<8.1		39	8.1	ug/Kg	☼	02/25/13 07:15	03/06/13 19:11	1
Benzo[a]pyrene	9.1	J	39	7.1	ug/Kg	☼	02/25/13 07:15	03/06/13 19:11	1
Benzo[b]fluoranthene	9.9	J	39	7.5	ug/Kg	☼	02/25/13 07:15	03/06/13 19:11	1
Benzo[g,h,i]perylene	<13		39	13	ug/Kg	☼	02/25/13 07:15	03/06/13 19:11	1
Benzo[k]fluoranthene	<9.2		39	9.2	ug/Kg	☼	02/25/13 07:15	03/06/13 19:11	1
Chrysene	<8.8		39	8.8	ug/Kg	☼	02/25/13 07:15	03/06/13 19:11	1
Dibenz(a,h)anthracene	<11		39	11	ug/Kg	☼	02/25/13 07:15	03/06/13 19:11	1
Fluoranthene	<16		39	16	ug/Kg	☼	02/25/13 07:15	03/06/13 19:11	1
Fluorene	<8.8		39	8.8	ug/Kg	☼	02/25/13 07:15	03/06/13 19:11	1
Indeno[1,2,3-cd]pyrene	<13		39	13	ug/Kg	☼	02/25/13 07:15	03/06/13 19:11	1
Naphthalene	<7.5		39	7.5	ug/Kg	☼	02/25/13 07:15	03/06/13 19:11	1
Phenanthrene	<16		39	16	ug/Kg	☼	02/25/13 07:15	03/06/13 19:11	1
Pyrene	<14		39	14	ug/Kg	☼	02/25/13 07:15	03/06/13 19:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	94		30 - 119				02/25/13 07:15	03/06/13 19:11	1
Nitrobenzene-d5 (Surr)	76		30 - 115				02/25/13 07:15	03/06/13 19:11	1
Terphenyl-d14 (Surr)	78		36 - 134				02/25/13 07:15	03/06/13 19:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<7.0		20	7.0	ug/Kg	☼	02/25/13 07:06	02/26/13 12:23	1
PCB-1221	<8.7		20	8.7	ug/Kg	☼	02/25/13 07:06	02/26/13 12:23	1
PCB-1232	<8.7		20	8.7	ug/Kg	☼	02/25/13 07:06	02/26/13 12:23	1
PCB-1242	<6.5		20	6.5	ug/Kg	☼	02/25/13 07:06	02/26/13 12:23	1

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54777-1

Client Sample ID: B-51 0-2'

Lab Sample ID: 500-54777-12

Date Collected: 02/20/13 12:05

Matrix: Solid

Date Received: 02/23/13 09:45

Percent Solids: 81.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	<7.8		20	7.8	ug/Kg	☼	02/25/13 07:06	02/26/13 12:23	1
PCB-1254	14	J	20	4.3	ug/Kg	☼	02/25/13 07:06	02/26/13 12:23	1
PCB-1260	<9.7		20	9.7	ug/Kg	☼	02/25/13 07:06	02/26/13 12:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	78		50 - 116				02/25/13 07:06	02/26/13 12:23	1
DCB Decachlorobiphenyl	78		48 - 142				02/25/13 07:06	02/26/13 12:23	1

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54777-1

Client Sample ID: B-51 14-15'

Lab Sample ID: 500-54777-13

Date Collected: 02/20/13 12:25

Matrix: Solid

Date Received: 02/23/13 09:45

Percent Solids: 77.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<35		200	35	ug/Kg	*	02/20/13 12:05	02/26/13 22:51	50
1,1,1-Trichloroethane	<21		100	21	ug/Kg	*	02/20/13 12:05	02/26/13 22:51	50
1,1,2,2-Tetrachloroethane	<24		100	24	ug/Kg	*	02/20/13 12:05	02/26/13 22:51	50
1,1,2-Trichloroethane	<29		100	29	ug/Kg	*	02/20/13 12:05	02/26/13 22:51	50
1,1-Dichloroethane	<19		100	19	ug/Kg	*	02/20/13 12:05	02/26/13 22:51	50
1,1-Dichloroethene	<31		100	31	ug/Kg	*	02/20/13 12:05	02/26/13 22:51	50
1,1-Dichloropropene	<35		100	35	ug/Kg	*	02/20/13 12:05	02/26/13 22:51	50
1,2,3-Trichlorobenzene	<36		200	36	ug/Kg	*	02/20/13 12:05	02/26/13 22:51	50
1,2,3-Trichloropropane	<59		200	59	ug/Kg	*	02/20/13 12:05	02/26/13 22:51	50
1,2,4-Trichlorobenzene	<39		200	39	ug/Kg	*	02/20/13 12:05	02/26/13 22:51	50
1,2,4-Trimethylbenzene	<22		200	22	ug/Kg	*	02/20/13 12:05	02/26/13 22:51	50
1,2-Dibromo-3-Chloropropane	<89		200	89	ug/Kg	*	02/20/13 12:05	02/26/13 22:51	50
1,2-Dibromoethane	<32		200	32	ug/Kg	*	02/20/13 12:05	02/26/13 22:51	50
1,2-Dichlorobenzene	<21		200	21	ug/Kg	*	02/20/13 12:05	02/26/13 22:51	50
1,2-Dichloroethane	<29		100	29	ug/Kg	*	02/20/13 12:05	02/26/13 22:51	50
1,2-Dichloropropane	<20		100	20	ug/Kg	*	02/20/13 12:05	02/26/13 22:51	50
1,3,5-Trimethylbenzene	<21		200	21	ug/Kg	*	02/20/13 12:05	02/26/13 22:51	50
1,3-Dichlorobenzene	<26		200	26	ug/Kg	*	02/20/13 12:05	02/26/13 22:51	50
1,3-Dichloropropane	<14		100	14	ug/Kg	*	02/20/13 12:05	02/26/13 22:51	50
1,4-Dichlorobenzene	<18		200	18	ug/Kg	*	02/20/13 12:05	02/26/13 22:51	50
2,2-Dichloropropane	<32		100	32	ug/Kg	*	02/20/13 12:05	02/26/13 22:51	50
2-Chlorotoluene	<21		100	21	ug/Kg	*	02/20/13 12:05	02/26/13 22:51	50
4-Chlorotoluene	<20		100	20	ug/Kg	*	02/20/13 12:05	02/26/13 22:51	50
Benzene	<7.6		26	7.6	ug/Kg	*	02/20/13 12:05	02/26/13 22:51	50
Bromobenzene	<44		200	44	ug/Kg	*	02/20/13 12:05	02/26/13 22:51	50
Bromochloromethane	<39		200	39	ug/Kg	*	02/20/13 12:05	02/26/13 22:51	50
Bromodichloromethane	<35		200	35	ug/Kg	*	02/20/13 12:05	02/26/13 22:51	50
Bromoform	<45		200	45	ug/Kg	*	02/20/13 12:05	02/26/13 22:51	50
Bromomethane	<70		200	70	ug/Kg	*	02/20/13 12:05	02/26/13 22:51	50
Carbon tetrachloride	<26		100	26	ug/Kg	*	02/20/13 12:05	02/26/13 22:51	50
Chlorobenzene	<15		100	15	ug/Kg	*	02/20/13 12:05	02/26/13 22:51	50
Chloroethane	<45		200	45	ug/Kg	*	02/20/13 12:05	02/26/13 22:51	50
Chloroform	<21		100	21	ug/Kg	*	02/20/13 12:05	02/26/13 22:51	50
Chloromethane	<47		200	47	ug/Kg	*	02/20/13 12:05	02/26/13 22:51	50
cis-1,2-Dichloroethene	<13		100	13	ug/Kg	*	02/20/13 12:05	02/26/13 22:51	50
cis-1,3-Dichloropropene	<18		100	18	ug/Kg	*	02/20/13 12:05	02/26/13 22:51	50
Dibromochloromethane	<35		200	35	ug/Kg	*	02/20/13 12:05	02/26/13 22:51	50
Dibromomethane	<49		200	49	ug/Kg	*	02/20/13 12:05	02/26/13 22:51	50
Dichlorodifluoromethane	<53		200	53	ug/Kg	*	02/20/13 12:05	02/26/13 22:51	50
Ethylbenzene	<13		26	13	ug/Kg	*	02/20/13 12:05	02/26/13 22:51	50
Hexachlorobutadiene	<35		200	35	ug/Kg	*	02/20/13 12:05	02/26/13 22:51	50
Isopropyl ether	<15		200	15	ug/Kg	*	02/20/13 12:05	02/26/13 22:51	50
Isopropylbenzene	<26		200	26	ug/Kg	*	02/20/13 12:05	02/26/13 22:51	50
Methyl tert-butyl ether	<44		200	44	ug/Kg	*	02/20/13 12:05	02/26/13 22:51	50
Methylene Chloride	<70		510	70	ug/Kg	*	02/20/13 12:05	02/26/13 22:51	50
Naphthalene	<51		200	51	ug/Kg	*	02/20/13 12:05	02/26/13 22:51	50
n-Butylbenzene	<13		100	13	ug/Kg	*	02/20/13 12:05	02/26/13 22:51	50
N-Propylbenzene	<18		200	18	ug/Kg	*	02/20/13 12:05	02/26/13 22:51	50
p-Isopropyltoluene	<19		200	19	ug/Kg	*	02/20/13 12:05	02/26/13 22:51	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54777-1

Client Sample ID: B-51 14-15'

Lab Sample ID: 500-54777-13

Date Collected: 02/20/13 12:25

Matrix: Solid

Date Received: 02/23/13 09:45

Percent Solids: 77.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<16		100	16	ug/Kg	☼	02/20/13 12:05	02/26/13 22:51	50
Styrene	<10		100	10	ug/Kg	☼	02/20/13 12:05	02/26/13 22:51	50
tert-Butylbenzene	<14		100	14	ug/Kg	☼	02/20/13 12:05	02/26/13 22:51	50
Tetrachloroethene	<17		100	17	ug/Kg	☼	02/20/13 12:05	02/26/13 22:51	50
Toluene	<12		26	12	ug/Kg	☼	02/20/13 12:05	02/26/13 22:51	50
trans-1,2-Dichloroethene	<26		100	26	ug/Kg	☼	02/20/13 12:05	02/26/13 22:51	50
trans-1,3-Dichloropropene	<21		100	21	ug/Kg	☼	02/20/13 12:05	02/26/13 22:51	50
Trichloroethene	<19		51	19	ug/Kg	☼	02/20/13 12:05	02/26/13 22:51	50
Trichlorofluoromethane	<43		200	43	ug/Kg	☼	02/20/13 12:05	02/26/13 22:51	50
Vinyl chloride	<11		26	11	ug/Kg	☼	02/20/13 12:05	02/26/13 22:51	50
Xylenes, Total	<7.0		51	7.0	ug/Kg	☼	02/20/13 12:05	02/26/13 22:51	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		75 - 125				02/20/13 12:05	02/26/13 22:51	50
4-Bromofluorobenzene (Surr)	92		75 - 120				02/20/13 12:05	02/26/13 22:51	50
Dibromofluoromethane	97		75 - 120				02/20/13 12:05	02/26/13 22:51	50
Toluene-d8 (Surr)	98		75 - 120				02/20/13 12:05	02/26/13 22:51	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<21		42	21	ug/Kg	☼	02/25/13 07:15	03/06/13 19:33	1
2-Methylnaphthalene	<55		210	55	ug/Kg	☼	02/25/13 07:15	03/06/13 19:33	1
Acenaphthene	<13		42	13	ug/Kg	☼	02/25/13 07:15	03/06/13 19:33	1
Acenaphthylene	<9.7		42	9.7	ug/Kg	☼	02/25/13 07:15	03/06/13 19:33	1
Anthracene	<9.9		42	9.9	ug/Kg	☼	02/25/13 07:15	03/06/13 19:33	1
Benzo[a]anthracene	13	J	42	8.9	ug/Kg	☼	02/25/13 07:15	03/06/13 19:33	1
Benzo[a]pyrene	15	J	42	7.7	ug/Kg	☼	02/25/13 07:15	03/06/13 19:33	1
Benzo[b]fluoranthene	17	J	42	8.2	ug/Kg	☼	02/25/13 07:15	03/06/13 19:33	1
Benzo[g,h,i]perylene	22	J	42	14	ug/Kg	☼	02/25/13 07:15	03/06/13 19:33	1
Benzo[k]fluoranthene	<10		42	10	ug/Kg	☼	02/25/13 07:15	03/06/13 19:33	1
Chrysene	25	J	42	9.5	ug/Kg	☼	02/25/13 07:15	03/06/13 19:33	1
Dibenz(a,h)anthracene	<12		42	12	ug/Kg	☼	02/25/13 07:15	03/06/13 19:33	1
Fluoranthene	21	J	42	17	ug/Kg	☼	02/25/13 07:15	03/06/13 19:33	1
Fluorene	<9.6		42	9.6	ug/Kg	☼	02/25/13 07:15	03/06/13 19:33	1
Indeno[1,2,3-cd]pyrene	<14		42	14	ug/Kg	☼	02/25/13 07:15	03/06/13 19:33	1
Naphthalene	<8.1		42	8.1	ug/Kg	☼	02/25/13 07:15	03/06/13 19:33	1
Phenanthrene	<18		42	18	ug/Kg	☼	02/25/13 07:15	03/06/13 19:33	1
Pyrene	30	J	42	15	ug/Kg	☼	02/25/13 07:15	03/06/13 19:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	96		30 - 119				02/25/13 07:15	03/06/13 19:33	1
Nitrobenzene-d5 (Surr)	80		30 - 115				02/25/13 07:15	03/06/13 19:33	1
Terphenyl-d14 (Surr)	74		36 - 134				02/25/13 07:15	03/06/13 19:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<7.3		21	7.3	ug/Kg	☼	02/25/13 07:06	02/26/13 12:36	1
PCB-1221	<9.1		21	9.1	ug/Kg	☼	02/25/13 07:06	02/26/13 12:36	1
PCB-1232	<9.0		21	9.0	ug/Kg	☼	02/25/13 07:06	02/26/13 12:36	1
PCB-1242	<6.8		21	6.8	ug/Kg	☼	02/25/13 07:06	02/26/13 12:36	1

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54777-1

Client Sample ID: B-51 14-15'

Lab Sample ID: 500-54777-13

Date Collected: 02/20/13 12:25

Matrix: Solid

Date Received: 02/23/13 09:45

Percent Solids: 77.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	<8.1		21	8.1	ug/Kg	☼	02/25/13 07:06	02/26/13 12:36	1
PCB-1254	<4.5		21	4.5	ug/Kg	☼	02/25/13 07:06	02/26/13 12:36	1
PCB-1260	<10		21	10	ug/Kg	☼	02/25/13 07:06	02/26/13 12:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro- <i>m</i> -xylene	77		50 - 116	02/25/13 07:06	02/26/13 12:36	1
DCB Decachlorobiphenyl	76		48 - 142	02/25/13 07:06	02/26/13 12:36	1



Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54777-1

Client Sample ID: TB-3

Lab Sample ID: 500-54777-14

Date Collected: 02/19/13 00:00

Matrix: Solid

Date Received: 02/23/13 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<17		100	17	ug/Kg		02/20/13 12:25	02/26/13 15:25	50
1,1,1-Trichloroethane	<10		50	10	ug/Kg		02/20/13 12:25	02/26/13 15:25	50
1,1,1,2,2-Tetrachloroethane	<12		50	12	ug/Kg		02/20/13 12:25	02/26/13 15:25	50
1,1,1,2-Trichloroethane	<14		50	14	ug/Kg		02/20/13 12:25	02/26/13 15:25	50
1,1-Dichloroethane	<9.3		50	9.3	ug/Kg		02/20/13 12:25	02/26/13 15:25	50
1,1-Dichloroethene	<15		50	15	ug/Kg		02/20/13 12:25	02/26/13 15:25	50
1,1-Dichloropropene	<17		50	17	ug/Kg		02/20/13 12:25	02/26/13 15:25	50
1,2,3-Trichlorobenzene	<18		100	18	ug/Kg		02/20/13 12:25	02/26/13 15:25	50
1,2,3-Trichloropropane	<29		100	29	ug/Kg		02/20/13 12:25	02/26/13 15:25	50
1,2,4-Trichlorobenzene	<19		100	19	ug/Kg		02/20/13 12:25	02/26/13 15:25	50
1,2,4-Trimethylbenzene	<11		100	11	ug/Kg		02/20/13 12:25	02/26/13 15:25	50
1,2-Dibromo-3-Chloropropane	<44		100	44	ug/Kg		02/20/13 12:25	02/26/13 15:25	50
1,2-Dibromoethane	<16		100	16	ug/Kg		02/20/13 12:25	02/26/13 15:25	50
1,2-Dichlorobenzene	<10		100	10	ug/Kg		02/20/13 12:25	02/26/13 15:25	50
1,2-Dichloroethane	<14		50	14	ug/Kg		02/20/13 12:25	02/26/13 15:25	50
1,2-Dichloropropane	<9.8		50	9.8	ug/Kg		02/20/13 12:25	02/26/13 15:25	50
1,3,5-Trimethylbenzene	<10		100	10	ug/Kg		02/20/13 12:25	02/26/13 15:25	50
1,3-Dichlorobenzene	<13		100	13	ug/Kg		02/20/13 12:25	02/26/13 15:25	50
1,3-Dichloropropane	<6.7		50	6.7	ug/Kg		02/20/13 12:25	02/26/13 15:25	50
1,4-Dichlorobenzene	<8.7		100	8.7	ug/Kg		02/20/13 12:25	02/26/13 15:25	50
2,2-Dichloropropane	<16		50	16	ug/Kg		02/20/13 12:25	02/26/13 15:25	50
2-Chlorotoluene	<10		50	10	ug/Kg		02/20/13 12:25	02/26/13 15:25	50
4-Chlorotoluene	<9.9		50	9.9	ug/Kg		02/20/13 12:25	02/26/13 15:25	50
Benzene	<3.7		13	3.7	ug/Kg		02/20/13 12:25	02/26/13 15:25	50
Bromobenzene	<21		100	21	ug/Kg		02/20/13 12:25	02/26/13 15:25	50
Bromochloromethane	<19		100	19	ug/Kg		02/20/13 12:25	02/26/13 15:25	50
Bromodichloromethane	<17		100	17	ug/Kg		02/20/13 12:25	02/26/13 15:25	50
Bromoform	<22		100	22	ug/Kg		02/20/13 12:25	02/26/13 15:25	50
Bromomethane	<34		100	34	ug/Kg		02/20/13 12:25	02/26/13 15:25	50
Carbon tetrachloride	<13		50	13	ug/Kg		02/20/13 12:25	02/26/13 15:25	50
Chlorobenzene	<7.2		50	7.2	ug/Kg		02/20/13 12:25	02/26/13 15:25	50
Chloroethane	<22		100	22	ug/Kg		02/20/13 12:25	02/26/13 15:25	50
Chloroform	<10		50	10	ug/Kg		02/20/13 12:25	02/26/13 15:25	50
Chloromethane	<23		100	23	ug/Kg		02/20/13 12:25	02/26/13 15:25	50
cis-1,2-Dichloroethene	<6.2		50	6.2	ug/Kg		02/20/13 12:25	02/26/13 15:25	50
cis-1,3-Dichloropropene	<8.9		50	8.9	ug/Kg		02/20/13 12:25	02/26/13 15:25	50
Dibromochloromethane	<17		100	17	ug/Kg		02/20/13 12:25	02/26/13 15:25	50
Dibromomethane	<24		100	24	ug/Kg		02/20/13 12:25	02/26/13 15:25	50
Dichlorodifluoromethane	<26		100	26	ug/Kg		02/20/13 12:25	02/26/13 15:25	50
Ethylbenzene	<6.3		13	6.3	ug/Kg		02/20/13 12:25	02/26/13 15:25	50
Hexachlorobutadiene	<17		100	17	ug/Kg		02/20/13 12:25	02/26/13 15:25	50
Isopropyl ether	<7.4		100	7.4	ug/Kg		02/20/13 12:25	02/26/13 15:25	50
Isopropylbenzene	<13		100	13	ug/Kg		02/20/13 12:25	02/26/13 15:25	50
Methyl tert-butyl ether	<22		100	22	ug/Kg		02/20/13 12:25	02/26/13 15:25	50
Methylene Chloride	<34		250	34	ug/Kg		02/20/13 12:25	02/26/13 15:25	50
Naphthalene	<25		100	25	ug/Kg		02/20/13 12:25	02/26/13 15:25	50
n-Butylbenzene	<6.5		50	6.5	ug/Kg		02/20/13 12:25	02/26/13 15:25	50
N-Propylbenzene	<8.8		100	8.8	ug/Kg		02/20/13 12:25	02/26/13 15:25	50
p-Isopropyltoluene	<9.3		100	9.3	ug/Kg		02/20/13 12:25	02/26/13 15:25	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54777-1

Client Sample ID: TB-3

Lab Sample ID: 500-54777-14

Date Collected: 02/19/13 00:00

Matrix: Solid

Date Received: 02/23/13 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<7.7		50	7.7	ug/Kg		02/20/13 12:25	02/26/13 15:25	50
Styrene	<4.9		50	4.9	ug/Kg		02/20/13 12:25	02/26/13 15:25	50
tert-Butylbenzene	<6.8		50	6.8	ug/Kg		02/20/13 12:25	02/26/13 15:25	50
Tetrachloroethene	<8.4		50	8.4	ug/Kg		02/20/13 12:25	02/26/13 15:25	50
Toluene	<5.8		13	5.8	ug/Kg		02/20/13 12:25	02/26/13 15:25	50
trans-1,2-Dichloroethene	<13		50	13	ug/Kg		02/20/13 12:25	02/26/13 15:25	50
trans-1,3-Dichloropropene	<10		50	10	ug/Kg		02/20/13 12:25	02/26/13 15:25	50
Trichloroethene	<9.3		25	9.3	ug/Kg		02/20/13 12:25	02/26/13 15:25	50
Trichlorofluoromethane	<21		100	21	ug/Kg		02/20/13 12:25	02/26/13 15:25	50
Vinyl chloride	<5.2		13	5.2	ug/Kg		02/20/13 12:25	02/26/13 15:25	50
Xylenes, Total	<3.4		25	3.4	ug/Kg		02/20/13 12:25	02/26/13 15:25	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		75 - 125				02/20/13 12:25	02/26/13 15:25	50
4-Bromofluorobenzene (Surr)	92		75 - 120				02/20/13 12:25	02/26/13 15:25	50
Dibromofluoromethane	97		75 - 120				02/20/13 12:25	02/26/13 15:25	50
Toluene-d8 (Surr)	99		75 - 120				02/20/13 12:25	02/26/13 15:25	50

Definitions/Glossary

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54777-1

Qualifiers

GC/MS 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.
F	MS or MSD exceeds the control limits

GC/MS 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.
X	Surrogate is outside control limits
F	MS or MSD exceeds the control limits
4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.
E	Result exceeded calibration range.
F	RPD of the MS and MSD exceeds the control limits

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
DER	Duplicate error ratio (normalized absolute difference)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
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
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

QC Association Summary

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54777-1

GC/MS VOA

Prep Batch: 178407

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-54777-1	B-61 0-2'	Total/NA	Solid	5035	
500-54777-2	B-61 14-15'	Total/NA	Solid	5035	
500-54777-3	B-88 15'	Total/NA	Solid	5035	
500-54777-4	B-63 0-2'	Total/NA	Solid	5035	
500-54777-5	B-63 8-10'	Total/NA	Solid	5035	
500-54777-6	B-64 0-2'	Total/NA	Solid	5035	
500-54777-7	B-64 10-12'	Total/NA	Solid	5035	
500-54777-8	B-65 0-2'	Total/NA	Solid	5035	
500-54777-9	B-65 12-14'	Total/NA	Solid	5035	
500-54777-10	B-115 15'	Total/NA	Solid	5035	
500-54777-11	B-107 15'	Total/NA	Solid	5035	
500-54777-11 - DL	B-107 15'	Total/NA	Solid	5035	
500-54777-12	B-51 0-2'	Total/NA	Solid	5035	
500-54777-13	B-51 14-15'	Total/NA	Solid	5035	
500-54777-13 MS	B-51 14-15'	Total/NA	Solid	5035	
500-54777-13 MSD	B-51 14-15'	Total/NA	Solid	5035	
500-54777-14	TB-3	Total/NA	Solid	5035	
LB3 500-178407/15-A LB3	Method Blank	Total/NA	Solid	5035	
LCS 500-178407/16-A	Lab Control Sample	Total/NA	Solid	5035	

Analysis Batch: 178580

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-54777-1	B-61 0-2'	Total/NA	Solid	8260B	178407
500-54777-2	B-61 14-15'	Total/NA	Solid	8260B	178407
500-54777-3	B-88 15'	Total/NA	Solid	8260B	178407
500-54777-4	B-63 0-2'	Total/NA	Solid	8260B	178407
500-54777-5	B-63 8-10'	Total/NA	Solid	8260B	178407
500-54777-6	B-64 0-2'	Total/NA	Solid	8260B	178407
500-54777-7	B-64 10-12'	Total/NA	Solid	8260B	178407
500-54777-8	B-65 0-2'	Total/NA	Solid	8260B	178407
500-54777-9	B-65 12-14'	Total/NA	Solid	8260B	178407
500-54777-10	B-115 15'	Total/NA	Solid	8260B	178407
500-54777-11	B-107 15'	Total/NA	Solid	8260B	178407
500-54777-11 - DL	B-107 15'	Total/NA	Solid	8260B	178407
500-54777-13	B-51 14-15'	Total/NA	Solid	8260B	178407
500-54777-13 MS	B-51 14-15'	Total/NA	Solid	8260B	178407
500-54777-13 MSD	B-51 14-15'	Total/NA	Solid	8260B	178407
500-54777-14	TB-3	Total/NA	Solid	8260B	178407
LB3 500-178407/15-A LB3	Method Blank	Total/NA	Solid	8260B	178407
LCS 500-178580/4	Lab Control Sample	Total/NA	Solid	8260B	
MB 500-178580/7	Method Blank	Total/NA	Solid	8260B	

Analysis Batch: 178657

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-54777-12	B-51 0-2'	Total/NA	Solid	8260B	178407
LCS 500-178407/16-A	Lab Control Sample	Total/NA	Solid	8260B	178407
LCS 500-178657/4	Lab Control Sample	Total/NA	Solid	8260B	
MB 500-178657/6	Method Blank	Total/NA	Solid	8260B	

QC Association Summary

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54777-1

GC/MS Semi VOA

Prep Batch: 178423

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-54777-1	B-61 0-2'	Total/NA	Solid	3541	
500-54777-1 - DL	B-61 0-2'	Total/NA	Solid	3541	
500-54777-1 MS	B-61 0-2'	Total/NA	Solid	3541	
500-54777-1 MSD	B-61 0-2'	Total/NA	Solid	3541	
500-54777-2	B-61 14-15'	Total/NA	Solid	3541	
500-54777-3	B-88 15'	Total/NA	Solid	3541	
500-54777-4	B-63 0-2'	Total/NA	Solid	3541	
500-54777-4 - DL	B-63 0-2'	Total/NA	Solid	3541	
500-54777-5	B-63 8-10'	Total/NA	Solid	3541	
500-54777-6	B-64 0-2'	Total/NA	Solid	3541	
500-54777-7	B-64 10-12'	Total/NA	Solid	3541	
500-54777-8	B-65 0-2'	Total/NA	Solid	3541	
500-54777-9	B-65 12-14'	Total/NA	Solid	3541	
500-54777-10	B-115 15'	Total/NA	Solid	3541	
500-54777-11	B-107 15'	Total/NA	Solid	3541	
500-54777-12	B-51 0-2'	Total/NA	Solid	3541	
500-54777-13	B-51 14-15'	Total/NA	Solid	3541	
LCS 500-178423/2-A	Lab Control Sample	Total/NA	Solid	3541	
MB 500-178423/1-A	Method Blank	Total/NA	Solid	3541	

Analysis Batch: 178503

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 500-178423/2-A	Lab Control Sample	Total/NA	Solid	8270D	178423
MB 500-178423/1-A	Method Blank	Total/NA	Solid	8270D	178423

Analysis Batch: 179085

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-54777-1	B-61 0-2'	Total/NA	Solid	8270D	178423
500-54777-1 MS	B-61 0-2'	Total/NA	Solid	8270D	178423
500-54777-1 MSD	B-61 0-2'	Total/NA	Solid	8270D	178423
500-54777-2	B-61 14-15'	Total/NA	Solid	8270D	178423
500-54777-3	B-88 15'	Total/NA	Solid	8270D	178423
500-54777-5	B-63 8-10'	Total/NA	Solid	8270D	178423
500-54777-6	B-64 0-2'	Total/NA	Solid	8270D	178423
500-54777-7	B-64 10-12'	Total/NA	Solid	8270D	178423
500-54777-8	B-65 0-2'	Total/NA	Solid	8270D	178423
500-54777-9	B-65 12-14'	Total/NA	Solid	8270D	178423
500-54777-10	B-115 15'	Total/NA	Solid	8270D	178423

Analysis Batch: 179181

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-54777-1 - DL	B-61 0-2'	Total/NA	Solid	8270D	178423
500-54777-4	B-63 0-2'	Total/NA	Solid	8270D	178423
500-54777-4 - DL	B-63 0-2'	Total/NA	Solid	8270D	178423
500-54777-11	B-107 15'	Total/NA	Solid	8270D	178423
500-54777-12	B-51 0-2'	Total/NA	Solid	8270D	178423
500-54777-13	B-51 14-15'	Total/NA	Solid	8270D	178423

QC Association Summary

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54777-1

GC Semi VOA

Prep Batch: 178418

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-54777-1	B-61 0-2'	Total/NA	Solid	3541	
500-54777-2	B-61 14-15'	Total/NA	Solid	3541	
500-54777-4	B-63 0-2'	Total/NA	Solid	3541	
500-54777-5	B-63 8-10'	Total/NA	Solid	3541	
500-54777-6	B-64 0-2'	Total/NA	Solid	3541	
500-54777-7	B-64 10-12'	Total/NA	Solid	3541	
500-54777-8	B-65 0-2'	Total/NA	Solid	3541	
500-54777-9	B-65 12-14'	Total/NA	Solid	3541	
500-54777-12	B-51 0-2'	Total/NA	Solid	3541	
500-54777-13	B-51 14-15'	Total/NA	Solid	3541	
LCS 500-178418/3-A	Lab Control Sample	Total/NA	Solid	3541	
MB 500-178418/1-A	Method Blank	Total/NA	Solid	3541	

Analysis Batch: 178538

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-54777-1	B-61 0-2'	Total/NA	Solid	8082	178418
500-54777-2	B-61 14-15'	Total/NA	Solid	8082	178418
500-54777-4	B-63 0-2'	Total/NA	Solid	8082	178418
500-54777-5	B-63 8-10'	Total/NA	Solid	8082	178418
500-54777-6	B-64 0-2'	Total/NA	Solid	8082	178418
500-54777-7	B-64 10-12'	Total/NA	Solid	8082	178418
500-54777-8	B-65 0-2'	Total/NA	Solid	8082	178418
500-54777-9	B-65 12-14'	Total/NA	Solid	8082	178418
500-54777-12	B-51 0-2'	Total/NA	Solid	8082	178418
500-54777-13	B-51 14-15'	Total/NA	Solid	8082	178418
LCS 500-178418/3-A	Lab Control Sample	Total/NA	Solid	8082	178418
MB 500-178418/1-A	Method Blank	Total/NA	Solid	8082	178418

General Chemistry

Analysis Batch: 178400

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-54777-1	B-61 0-2'	Total/NA	Solid	Moisture	
500-54777-1 DU	B-61 0-2'	Total/NA	Solid	Moisture	
500-54777-2	B-61 14-15'	Total/NA	Solid	Moisture	
500-54777-3	B-88 15'	Total/NA	Solid	Moisture	
500-54777-4	B-63 0-2'	Total/NA	Solid	Moisture	
500-54777-5	B-63 8-10'	Total/NA	Solid	Moisture	
500-54777-6	B-64 0-2'	Total/NA	Solid	Moisture	
500-54777-7	B-64 10-12'	Total/NA	Solid	Moisture	
500-54777-8	B-65 0-2'	Total/NA	Solid	Moisture	
500-54777-9	B-65 12-14'	Total/NA	Solid	Moisture	
500-54777-10	B-115 15'	Total/NA	Solid	Moisture	
500-54777-11	B-107 15'	Total/NA	Solid	Moisture	
500-54777-12	B-51 0-2'	Total/NA	Solid	Moisture	
500-54777-13	B-51 14-15'	Total/NA	Solid	Moisture	

Surrogate Summary

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54777-1

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		12DCE (75-125)	BFB (75-120)	DBFM (75-120)	TOL (75-120)
500-54777-1	B-61 0-2'	101	94	98	98
500-54777-2	B-61 14-15'	103	95	99	101
500-54777-3	B-88 15'	104	94	99	102
500-54777-4	B-63 0-2'	102	90	95	98
500-54777-5	B-63 8-10'	101	93	97	99
500-54777-6	B-64 0-2'	103	92	96	99
500-54777-7	B-64 10-12'	105	92	98	101
500-54777-8	B-65 0-2'	102	91	96	99
500-54777-9	B-65 12-14'	101	91	93	97
500-54777-10	B-115 15'	102	93	97	100
500-54777-11	B-107 15'	104	96	98	99
500-54777-11 - DL	B-107 15'	103	91	98	98
500-54777-12	B-51 0-2'	110	94	96	94
500-54777-13	B-51 14-15'	101	92	97	98
500-54777-13 MS	B-51 14-15'	101	99	106	99
500-54777-13 MSD	B-51 14-15'	98	95	105	98
500-54777-14	TB-3	100	92	97	99
LB3 500-178407/15-A LB3	Method Blank	99	92	95	96
LCS 500-178407/16-A	Lab Control Sample	103	92	97	91
LCS 500-178580/4	Lab Control Sample	102	101	102	101
LCS 500-178657/4	Lab Control Sample	101	99	100	101
MB 500-178580/7	Method Blank	96	89	91	95
MB 500-178657/6	Method Blank	101	91	93	95

Surrogate Legend

- 12DCE = 1,2-Dichloroethane-d4 (Surr)
- BFB = 4-Bromofluorobenzene (Surr)
- DBFM = Dibromofluoromethane
- TOL = Toluene-d8 (Surr)

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		FBP (30-119)	NBZ (30-115)	TPH (36-134)
500-54777-1	B-61 0-2'	46	35	35 X
500-54777-1 - DL	B-61 0-2'	-77 X	40	59
500-54777-1 MS	B-61 0-2'	58	41	185 X
500-54777-1 MSD	B-61 0-2'	61	43	183 X
500-54777-2	B-61 14-15'	43	33	54
500-54777-3	B-88 15'	90	70	94
500-54777-4	B-63 0-2'	27 X	66	83
500-54777-4 - DL	B-63 0-2'	-246 X	67	111
500-54777-5	B-63 8-10'	91	74	102
500-54777-6	B-64 0-2'	93	73	106
500-54777-7	B-64 10-12'	92	74	103
500-54777-8	B-65 0-2'	94	76	106
500-54777-9	B-65 12-14'	89	68	105

TestAmerica Chicago

Surrogate Summary

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54777-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		FBP (30-119)	NBZ (30-115)	TPH (36-134)
500-54777-10	B-115 15'	90	60	123
500-54777-11	B-107 15'	94	74	88
500-54777-12	B-51 0-2'	94	76	78
500-54777-13	B-51 14-15'	96	80	74
LCS 500-178423/2-A	Lab Control Sample	103	91	106
MB 500-178423/1-A	Method Blank	99	86	90

Surrogate Legend

FBP = 2-Fluorobiphenyl
NBZ = Nitrobenzene-d5 (Surr)
TPH = Terphenyl-d14 (Surr)

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		TCX1 (50-116)	DCB1 (48-142)
500-54777-1	B-61 0-2'	81	81
500-54777-2	B-61 14-15'	73	76
500-54777-4	B-63 0-2'	75	87
500-54777-5	B-63 8-10'	71	81
500-54777-6	B-64 0-2'	72	88
500-54777-7	B-64 10-12'	74	91
500-54777-8	B-65 0-2'	61	87
500-54777-9	B-65 12-14'	72	84
500-54777-12	B-51 0-2'	78	78
500-54777-13	B-51 14-15'	77	76
LCS 500-178418/3-A	Lab Control Sample	85	90
MB 500-178418/1-A	Method Blank	88	82

Surrogate Legend

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

QC Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54777-1

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

Lab Sample ID: LB3 500-178407/15-A LB3

Matrix: Solid

Analysis Batch: 178580

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 178407

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<17		100	17	ug/Kg		02/24/13 14:00	02/26/13 14:59	50
1,1,1-Trichloroethane	<10		50	10	ug/Kg		02/24/13 14:00	02/26/13 14:59	50
1,1,2,2-Tetrachloroethane	<12		50	12	ug/Kg		02/24/13 14:00	02/26/13 14:59	50
1,1,2-Trichloroethane	<14		50	14	ug/Kg		02/24/13 14:00	02/26/13 14:59	50
1,1-Dichloroethane	<9.3		50	9.3	ug/Kg		02/24/13 14:00	02/26/13 14:59	50
1,1-Dichloroethene	<15		50	15	ug/Kg		02/24/13 14:00	02/26/13 14:59	50
1,1-Dichloropropene	<17		50	17	ug/Kg		02/24/13 14:00	02/26/13 14:59	50
1,2,3-Trichlorobenzene	<18		100	18	ug/Kg		02/24/13 14:00	02/26/13 14:59	50
1,2,3-Trichloropropane	<29		100	29	ug/Kg		02/24/13 14:00	02/26/13 14:59	50
1,2,4-Trichlorobenzene	<19		100	19	ug/Kg		02/24/13 14:00	02/26/13 14:59	50
1,2,4-Trimethylbenzene	<11		100	11	ug/Kg		02/24/13 14:00	02/26/13 14:59	50
1,2-Dibromo-3-Chloropropane	<44		100	44	ug/Kg		02/24/13 14:00	02/26/13 14:59	50
1,2-Dibromoethane	<16		100	16	ug/Kg		02/24/13 14:00	02/26/13 14:59	50
1,2-Dichlorobenzene	<10		100	10	ug/Kg		02/24/13 14:00	02/26/13 14:59	50
1,2-Dichloroethane	<14		50	14	ug/Kg		02/24/13 14:00	02/26/13 14:59	50
1,2-Dichloropropane	<9.8		50	9.8	ug/Kg		02/24/13 14:00	02/26/13 14:59	50
1,3,5-Trimethylbenzene	<10		100	10	ug/Kg		02/24/13 14:00	02/26/13 14:59	50
1,3-Dichlorobenzene	<13		100	13	ug/Kg		02/24/13 14:00	02/26/13 14:59	50
1,3-Dichloropropane	<6.7		50	6.7	ug/Kg		02/24/13 14:00	02/26/13 14:59	50
1,4-Dichlorobenzene	<8.7		100	8.7	ug/Kg		02/24/13 14:00	02/26/13 14:59	50
2,2-Dichloropropane	<16		50	16	ug/Kg		02/24/13 14:00	02/26/13 14:59	50
2-Chlorotoluene	<10		50	10	ug/Kg		02/24/13 14:00	02/26/13 14:59	50
4-Chlorotoluene	<9.9		50	9.9	ug/Kg		02/24/13 14:00	02/26/13 14:59	50
Benzene	<3.7		13	3.7	ug/Kg		02/24/13 14:00	02/26/13 14:59	50
Bromobenzene	<21		100	21	ug/Kg		02/24/13 14:00	02/26/13 14:59	50
Bromochloromethane	<19		100	19	ug/Kg		02/24/13 14:00	02/26/13 14:59	50
Bromodichloromethane	<17		100	17	ug/Kg		02/24/13 14:00	02/26/13 14:59	50
Bromoform	<22		100	22	ug/Kg		02/24/13 14:00	02/26/13 14:59	50
Bromomethane	<34		100	34	ug/Kg		02/24/13 14:00	02/26/13 14:59	50
Carbon tetrachloride	<13		50	13	ug/Kg		02/24/13 14:00	02/26/13 14:59	50
Chlorobenzene	<7.2		50	7.2	ug/Kg		02/24/13 14:00	02/26/13 14:59	50
Chloroethane	<22		100	22	ug/Kg		02/24/13 14:00	02/26/13 14:59	50
Chloroform	<10		50	10	ug/Kg		02/24/13 14:00	02/26/13 14:59	50
Chloromethane	<23		100	23	ug/Kg		02/24/13 14:00	02/26/13 14:59	50
cis-1,2-Dichloroethene	<6.2		50	6.2	ug/Kg		02/24/13 14:00	02/26/13 14:59	50
cis-1,3-Dichloropropene	<8.9		50	8.9	ug/Kg		02/24/13 14:00	02/26/13 14:59	50
Dibromochloromethane	<17		100	17	ug/Kg		02/24/13 14:00	02/26/13 14:59	50
Dibromomethane	<24		100	24	ug/Kg		02/24/13 14:00	02/26/13 14:59	50
Dichlorodifluoromethane	<26		100	26	ug/Kg		02/24/13 14:00	02/26/13 14:59	50
Ethylbenzene	<6.3		13	6.3	ug/Kg		02/24/13 14:00	02/26/13 14:59	50
Hexachlorobutadiene	<17		100	17	ug/Kg		02/24/13 14:00	02/26/13 14:59	50
Isopropyl ether	<7.4		100	7.4	ug/Kg		02/24/13 14:00	02/26/13 14:59	50
Isopropylbenzene	<13		100	13	ug/Kg		02/24/13 14:00	02/26/13 14:59	50
Methyl tert-butyl ether	<22		100	22	ug/Kg		02/24/13 14:00	02/26/13 14:59	50
Methylene Chloride	<34		250	34	ug/Kg		02/24/13 14:00	02/26/13 14:59	50
Naphthalene	<25		100	25	ug/Kg		02/24/13 14:00	02/26/13 14:59	50
n-Butylbenzene	<6.5		50	6.5	ug/Kg		02/24/13 14:00	02/26/13 14:59	50
N-Propylbenzene	<8.8		100	8.8	ug/Kg		02/24/13 14:00	02/26/13 14:59	50

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54777-1

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

Lab Sample ID: LB3 500-178407/15-A LB3

Matrix: Solid

Analysis Batch: 178580

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 178407

Analyte	LB3	LB3	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
p-Isopropyltoluene	<9.3		100	9.3	ug/Kg		02/24/13 14:00	02/26/13 14:59	50
sec-Butylbenzene	<7.7		50	7.7	ug/Kg		02/24/13 14:00	02/26/13 14:59	50
Styrene	<4.9		50	4.9	ug/Kg		02/24/13 14:00	02/26/13 14:59	50
tert-Butylbenzene	<6.8		50	6.8	ug/Kg		02/24/13 14:00	02/26/13 14:59	50
Tetrachloroethene	<8.4		50	8.4	ug/Kg		02/24/13 14:00	02/26/13 14:59	50
Toluene	<5.8		13	5.8	ug/Kg		02/24/13 14:00	02/26/13 14:59	50
trans-1,2-Dichloroethene	<13		50	13	ug/Kg		02/24/13 14:00	02/26/13 14:59	50
trans-1,3-Dichloropropene	<10		50	10	ug/Kg		02/24/13 14:00	02/26/13 14:59	50
Trichloroethene	<9.3		25	9.3	ug/Kg		02/24/13 14:00	02/26/13 14:59	50
Trichlorofluoromethane	<21		100	21	ug/Kg		02/24/13 14:00	02/26/13 14:59	50
Vinyl chloride	<5.2		13	5.2	ug/Kg		02/24/13 14:00	02/26/13 14:59	50
Xylenes, Total	<3.4		25	3.4	ug/Kg		02/24/13 14:00	02/26/13 14:59	50

Surrogate	LB3	LB3	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	99		75 - 125	02/24/13 14:00	02/26/13 14:59	50
4-Bromofluorobenzene (Surr)	92		75 - 120	02/24/13 14:00	02/26/13 14:59	50
Dibromofluoromethane	95		75 - 120	02/24/13 14:00	02/26/13 14:59	50
Toluene-d8 (Surr)	96		75 - 120	02/24/13 14:00	02/26/13 14:59	50

Lab Sample ID: LCS 500-178407/16-A

Matrix: Solid

Analysis Batch: 178657

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 178407

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
1,1,1,2-Tetrachloroethane	2500	2270		ug/Kg		91	75 - 120
1,1,1-Trichloroethane	2500	2290		ug/Kg		91	70 - 123
1,1,2,2-Tetrachloroethane	2500	2650		ug/Kg		106	70 - 128
1,1,2-Trichloroethane	2500	2600		ug/Kg		104	69 - 120
1,1-Dichloroethane	2500	2330		ug/Kg		93	68 - 121
1,1-Dichloroethene	2500	2090		ug/Kg		84	58 - 122
1,1-Dichloropropene	2500	2310		ug/Kg		93	70 - 120
1,2,3-Trichlorobenzene	2500	2670		ug/Kg		107	56 - 137
1,2,3-Trichloropropene	2500	2650		ug/Kg		106	70 - 120
1,2,4-Trichlorobenzene	2500	2460		ug/Kg		98	65 - 121
1,2,4-Trimethylbenzene	2500	2320		ug/Kg		93	75 - 121
1,2-Dibromo-3-Chloropropane	2500	2050		ug/Kg		82	60 - 121
1,2-Dibromoethane	2500	2630		ug/Kg		105	70 - 120
1,2-Dichlorobenzene	2500	2290		ug/Kg		92	75 - 120
1,2-Dichloroethane	2500	2580		ug/Kg		103	69 - 120
1,2-Dichloropropane	2500	2390		ug/Kg		96	70 - 120
1,3,5-Trimethylbenzene	2500	2340		ug/Kg		94	75 - 123
1,3-Dichlorobenzene	2500	2170		ug/Kg		87	70 - 120
1,3-Dichloropropane	2500	2520		ug/Kg		101	70 - 120
1,4-Dichlorobenzene	2500	2350		ug/Kg		94	75 - 120
2,2-Dichloropropane	2500	1760		ug/Kg		70	67 - 125
2-Chlorotoluene	2500	2100		ug/Kg		84	70 - 120
4-Chlorotoluene	2500	2150		ug/Kg		86	70 - 120
Benzene	2500	2240		ug/Kg		90	70 - 120

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54777-1

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

Lab Sample ID: LCS 500-178407/16-A

Matrix: Solid

Analysis Batch: 178657

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 178407

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromobenzene	2500	2280		ug/Kg		91	70 - 120
Bromochloromethane	2500	2610		ug/Kg		104	67 - 122
Bromodichloromethane	2500	2410		ug/Kg		96	70 - 120
Bromoform	2500	2300		ug/Kg		92	70 - 125
Bromomethane	2500	1820		ug/Kg		73	50 - 150
Carbon tetrachloride	2500	2150		ug/Kg		86	70 - 125
Chlorobenzene	2500	2150		ug/Kg		86	70 - 120
Chloroethane	2500	1880		ug/Kg		75	50 - 150
Chloroform	2500	2550		ug/Kg		102	70 - 120
Chloromethane	2500	1470		ug/Kg		59	50 - 134
cis-1,2-Dichloroethene	2500	2420		ug/Kg		97	70 - 120
cis-1,3-Dichloropropene	2690	2570		ug/Kg		96	70 - 120
Dibromochloromethane	2500	2400		ug/Kg		96	70 - 120
Dibromomethane	2500	2630		ug/Kg		105	70 - 120
Dichlorodifluoromethane	2500	1100		ug/Kg		44	40 - 140
Ethylbenzene	2500	2170		ug/Kg		87	75 - 120
Hexachlorobutadiene	2500	2250		ug/Kg		90	70 - 135
Isopropylbenzene	2500	2050		ug/Kg		82	70 - 120
Methyl tert-butyl ether	2500	2790		ug/Kg		111	58 - 122
Methylene Chloride	2500	2430		ug/Kg		97	65 - 125
Naphthalene	2500	2790		ug/Kg		112	55 - 132
n-Butylbenzene	2500	2290		ug/Kg		92	75 - 120
N-Propylbenzene	2500	2050		ug/Kg		82	70 - 120
p-Isopropyltoluene	2500	2090		ug/Kg		83	70 - 120
sec-Butylbenzene	2500	2100		ug/Kg		84	70 - 120
Styrene	2500	2350		ug/Kg		94	75 - 120
tert-Butylbenzene	2500	2060		ug/Kg		82	70 - 120
Tetrachloroethene	2500	2260		ug/Kg		91	70 - 123
Toluene	2500	2310		ug/Kg		92	70 - 120
trans-1,2-Dichloroethene	2500	2410		ug/Kg		96	70 - 124
trans-1,3-Dichloropropene	2430	2240		ug/Kg		92	70 - 120
Trichloroethene	2500	2320		ug/Kg		93	70 - 120
Trichlorofluoromethane	2500	2050		ug/Kg		82	63 - 134
Vinyl chloride	2500	1970		ug/Kg		79	62 - 138
Xylenes, Total	7500	6590		ug/Kg		88	70 - 120

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	103		75 - 125
4-Bromofluorobenzene (Surr)	92		75 - 120
Dibromofluoromethane	97		75 - 120
Toluene-d8 (Surr)	91		75 - 120

Lab Sample ID: 500-54777-13 MS

Matrix: Solid

Analysis Batch: 178580

Client Sample ID: B-51 14-15'

Prep Type: Total/NA

Prep Batch: 178407

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	<35		5120	4970		ug/Kg	☼	97	75 - 120

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QC Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54777-1

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

Lab Sample ID: 500-54777-13 MS

Matrix: Solid

Analysis Batch: 178580

Client Sample ID: B-51 14-15'

Prep Type: Total/NA

Prep Batch: 178407

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.
	Result	Qualifier	Added	Result	Qualifier				Limits
1,1,1-Trichloroethane	<21		5120	5350		ug/Kg	*	105	70 - 123
1,1,1,2,2-Tetrachloroethane	<24		5120	5250		ug/Kg	*	102	70 - 128
1,1,2-Trichloroethane	<29		5120	5090		ug/Kg	*	99	69 - 120
1,1-Dichloroethane	<19		5120	5370		ug/Kg	*	105	68 - 121
1,1-Dichloroethene	<31		5120	4800		ug/Kg	*	94	58 - 122
1,1-Dichloropropene	<35		5120	5060		ug/Kg	*	99	70 - 120
1,2,3-Trichlorobenzene	<36		5120	4820		ug/Kg	*	94	56 - 137
1,2,3-Trichloropropane	<59		5120	5240		ug/Kg	*	102	70 - 120
1,2,4-Trichlorobenzene	<39		5120	4620		ug/Kg	*	90	65 - 121
1,2,4-Trimethylbenzene	<22		5120	5280		ug/Kg	*	103	75 - 121
1,2-Dibromo-3-Chloropropane	<89		5120	3500		ug/Kg	*	68	60 - 121
1,2-Dibromoethane	<32		5120	5170		ug/Kg	*	101	70 - 120
1,2-Dichlorobenzene	<21		5120	4960		ug/Kg	*	97	75 - 120
1,2-Dichloroethane	<29		5120	5160		ug/Kg	*	101	69 - 120
1,2-Dichloropropane	<20		5120	5050		ug/Kg	*	99	70 - 120
1,3,5-Trimethylbenzene	<21		5120	5380		ug/Kg	*	105	75 - 123
1,3-Dichlorobenzene	<26		5120	4770		ug/Kg	*	93	70 - 120
1,3-Dichloropropane	<14		5120	4930		ug/Kg	*	96	70 - 120
1,4-Dichlorobenzene	<18		5120	5070		ug/Kg	*	99	75 - 120
2,2-Dichloropropane	<32		5120	4510		ug/Kg	*	88	67 - 125
2-Chlorotoluene	<21		5120	5000		ug/Kg	*	98	70 - 120
4-Chlorotoluene	<20		5120	4890		ug/Kg	*	95	70 - 120
Benzene	<7.6		5120	4960		ug/Kg	*	97	70 - 120
Bromobenzene	<44		5120	5080		ug/Kg	*	99	70 - 120
Bromochloromethane	<39		5120	5960		ug/Kg	*	116	67 - 122
Bromodichloromethane	<35		5120	4850		ug/Kg	*	95	70 - 120
Bromoform	<45		5120	4190		ug/Kg	*	82	70 - 125
Bromomethane	<70		5120	4840		ug/Kg	*	95	50 - 150
Carbon tetrachloride	<26		5120	4800		ug/Kg	*	94	70 - 125
Chlorobenzene	<15		5120	4690		ug/Kg	*	92	70 - 120
Chloroethane	<45		5120	4960		ug/Kg	*	97	50 - 150
Chloroform	<21		5120	5860		ug/Kg	*	114	70 - 120
Chloromethane	<47		5120	4220		ug/Kg	*	82	50 - 134
cis-1,2-Dichloroethene	<13		5120	5510		ug/Kg	*	108	70 - 120
cis-1,3-Dichloropropene	<18		5510	5050		ug/Kg	*	92	70 - 120
Dibromochloromethane	<35		5120	4530		ug/Kg	*	88	70 - 120
Dibromomethane	<49		5120	5170		ug/Kg	*	101	70 - 120
Dichlorodifluoromethane	<53		5120	3480		ug/Kg	*	68	40 - 140
Ethylbenzene	<13		5120	4890		ug/Kg	*	95	75 - 120
Hexachlorobutadiene	<35		5120	4510		ug/Kg	*	88	70 - 135
Isopropylbenzene	<26		5120	4870		ug/Kg	*	95	70 - 120
Methyl tert-butyl ether	<44		5120	5820		ug/Kg	*	114	58 - 122
Methylene Chloride	<70		5120	5550		ug/Kg	*	108	65 - 125
Naphthalene	<51		5120	5020		ug/Kg	*	98	55 - 132
n-Butylbenzene	<13		5120	5020		ug/Kg	*	98	75 - 120
N-Propylbenzene	<18		5120	4770		ug/Kg	*	93	70 - 120
p-Isopropyltoluene	<19		5120	4770		ug/Kg	*	93	70 - 120
sec-Butylbenzene	<16		5120	4850		ug/Kg	*	95	70 - 120

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54777-1

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

Lab Sample ID: 500-54777-13 MS

Matrix: Solid

Analysis Batch: 178580

Client Sample ID: B-51 14-15'

Prep Type: Total/NA

Prep Batch: 178407

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier	Added	Result	Qualifier				
Styrene	<10		5120	5160		ug/Kg	☼	101	75 - 120
tert-Butylbenzene	<14		5120	4810		ug/Kg	☼	94	70 - 120
Tetrachloroethene	<17		5120	4890		ug/Kg	☼	95	70 - 123
Toluene	<12		5120	5120		ug/Kg	☼	100	70 - 120
trans-1,2-Dichloroethene	<26		5120	5520		ug/Kg	☼	108	70 - 124
trans-1,3-Dichloropropene	<21		4980	4100		ug/Kg	☼	82	70 - 120
Trichloroethene	<19		5120	5030		ug/Kg	☼	98	70 - 120
Trichlorofluoromethane	<43		5120	4970		ug/Kg	☼	97	63 - 134
Vinyl chloride	<11		5120	4990		ug/Kg	☼	97	62 - 138
Xylenes, Total	<7.0		15400	14900		ug/Kg	☼	97	70 - 120

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	101		75 - 125
4-Bromofluorobenzene (Surr)	99		75 - 120
Dibromofluoromethane	106		75 - 120
Toluene-d8 (Surr)	99		75 - 120

Lab Sample ID: 500-54777-13 MSD

Matrix: Solid

Analysis Batch: 178580

Client Sample ID: B-51 14-15'

Prep Type: Total/NA

Prep Batch: 178407

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec. Limits	RPD	
	Result	Qualifier	Added	Result	Qualifier					RPD	Limit
1,1,1,2-Tetrachloroethane	<35		5120	5340		ug/Kg	☼	104	75 - 120	7	30
1,1,1-Trichloroethane	<21		5120	5970		ug/Kg	☼	117	70 - 123	11	30
1,1,1,2-Tetrachloroethane	<24		5120	5750		ug/Kg	☼	112	70 - 128	9	30
1,1,2-Trichloroethane	<29		5120	5470		ug/Kg	☼	107	69 - 120	7	30
1,1-Dichloroethane	<19		5120	5840		ug/Kg	☼	114	68 - 121	8	30
1,1-Dichloroethene	<31		5120	5370		ug/Kg	☼	105	58 - 122	11	30
1,1-Dichloropropene	<35		5120	5380		ug/Kg	☼	105	70 - 120	6	30
1,2,3-Trichlorobenzene	<36		5120	5120		ug/Kg	☼	100	56 - 137	6	30
1,2,3-Trichloropropane	<59		5120	5660		ug/Kg	☼	111	70 - 120	8	30
1,2,4-Trichlorobenzene	<39		5120	4740		ug/Kg	☼	93	65 - 121	3	30
1,2,4-Trimethylbenzene	<22		5120	5680		ug/Kg	☼	111	75 - 121	7	30
1,2-Dibromo-3-Chloropropane	<89		5120	3980		ug/Kg	☼	78	60 - 121	13	30
1,2-Dibromoethane	<32		5120	5630		ug/Kg	☼	110	70 - 120	9	30
1,2-Dichlorobenzene	<21		5120	5280		ug/Kg	☼	103	75 - 120	6	30
1,2-Dichloroethane	<29		5120	5460		ug/Kg	☼	107	69 - 120	6	30
1,2-Dichloropropane	<20		5120	5390		ug/Kg	☼	105	70 - 120	6	30
1,3,5-Trimethylbenzene	<21		5120	5820		ug/Kg	☼	114	75 - 123	8	30
1,3-Dichlorobenzene	<26		5120	5110		ug/Kg	☼	100	70 - 120	7	30
1,3-Dichloropropane	<14		5120	5320		ug/Kg	☼	104	70 - 120	8	30
1,4-Dichlorobenzene	<18		5120	5360		ug/Kg	☼	105	75 - 120	6	30
2,2-Dichloropropane	<32		5120	5080		ug/Kg	☼	99	67 - 125	12	30
2-Chlorotoluene	<21		5120	5360		ug/Kg	☼	105	70 - 120	7	30
4-Chlorotoluene	<20		5120	5260		ug/Kg	☼	103	70 - 120	7	30
Benzene	<7.6		5120	5270		ug/Kg	☼	103	70 - 120	6	30
Bromobenzene	<44		5120	5470		ug/Kg	☼	107	70 - 120	7	30
Bromochloromethane	<39		5120	6340	F	ug/Kg	☼	124	67 - 122	6	30

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54777-1

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

Lab Sample ID: 500-54777-13 MSD

Matrix: Solid

Analysis Batch: 178580

Client Sample ID: B-51 14-15'

Prep Type: Total/NA

Prep Batch: 178407

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Bromodichloromethane	<35		5120	5240		ug/Kg	*	102	70 - 120	8	30
Bromoform	<45		5120	4580		ug/Kg	*	89	70 - 125	9	30
Bromomethane	<70		5120	4890		ug/Kg	*	95	50 - 150	1	30
Carbon tetrachloride	<26		5120	5230		ug/Kg	*	102	70 - 125	8	30
Chlorobenzene	<15		5120	5100		ug/Kg	*	99	70 - 120	8	30
Chloroethane	<45		5120	5090		ug/Kg	*	99	50 - 150	3	30
Chloroform	<21		5120	6280	F	ug/Kg	*	123	70 - 120	7	30
Chloromethane	<47		5120	4050		ug/Kg	*	79	50 - 134	4	30
cis-1,2-Dichloroethene	<13		5120	5940		ug/Kg	*	116	70 - 120	7	30
cis-1,3-Dichloropropene	<18		5510	5490		ug/Kg	*	100	70 - 120	8	30
Dibromochloromethane	<35		5120	4980		ug/Kg	*	97	70 - 120	10	30
Dibromomethane	<49		5120	5500		ug/Kg	*	107	70 - 120	6	30
Dichlorodifluoromethane	<53		5120	3740		ug/Kg	*	73	40 - 140	7	30
Ethylbenzene	<13		5120	5150		ug/Kg	*	100	75 - 120	5	30
Hexachlorobutadiene	<35		5120	4860		ug/Kg	*	95	70 - 135	7	30
Isopropylbenzene	<26		5120	5320		ug/Kg	*	104	70 - 120	9	30
Methyl tert-butyl ether	<44		5120	6320	F	ug/Kg	*	123	58 - 122	8	30
Methylene Chloride	<70		5120	6030		ug/Kg	*	118	65 - 125	8	30
Naphthalene	<51		5120	5610		ug/Kg	*	109	55 - 132	11	30
n-Butylbenzene	<13		5120	5210		ug/Kg	*	102	75 - 120	4	30
N-Propylbenzene	<18		5120	5140		ug/Kg	*	100	70 - 120	7	30
p-Isopropyltoluene	<19		5120	5090		ug/Kg	*	99	70 - 120	7	30
sec-Butylbenzene	<16		5120	5280		ug/Kg	*	103	70 - 120	8	30
Styrene	<10		5120	5450		ug/Kg	*	106	75 - 120	6	30
tert-Butylbenzene	<14		5120	5260		ug/Kg	*	103	70 - 120	9	30
Tetrachloroethene	<17		5120	5150		ug/Kg	*	101	70 - 123	5	30
Toluene	<12		5120	5490		ug/Kg	*	107	70 - 120	7	30
trans-1,2-Dichloroethene	<26		5120	6110		ug/Kg	*	119	70 - 124	10	30
trans-1,3-Dichloropropene	<21		4980	4440		ug/Kg	*	89	70 - 120	8	30
Trichloroethene	<19		5120	5310		ug/Kg	*	104	70 - 120	5	30
Trichlorofluoromethane	<43		5120	5210		ug/Kg	*	102	63 - 134	5	30
Vinyl chloride	<11		5120	5410		ug/Kg	*	106	62 - 138	8	30
Xylenes, Total	<7.0		15400	15800		ug/Kg	*	103	70 - 120	6	30

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	98		75 - 125
4-Bromofluorobenzene (Surr)	95		75 - 120
Dibromofluoromethane	105		75 - 120
Toluene-d8 (Surr)	98		75 - 120

Lab Sample ID: MB 500-178580/7

Matrix: Solid

Analysis Batch: 178580

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1,2-Tetrachloroethane	<0.35		2.0	0.35	ug/Kg			02/26/13 14:33	1
1,1,1,1-Trichloroethane	<0.20		1.0	0.20	ug/Kg			02/26/13 14:33	1
1,1,1,2,2-Tetrachloroethane	<0.23		1.0	0.23	ug/Kg			02/26/13 14:33	1

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54777-1

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

Lab Sample ID: MB 500-178580/7

Matrix: Solid

Analysis Batch: 178580

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,2-Trichloroethane	<0.28		1.0	0.28	ug/Kg			02/26/13 14:33	1
1,1-Dichloroethane	<0.19		1.0	0.19	ug/Kg			02/26/13 14:33	1
1,1-Dichloroethene	<0.31		1.0	0.31	ug/Kg			02/26/13 14:33	1
1,1-Dichloropropene	<0.34		1.0	0.34	ug/Kg			02/26/13 14:33	1
1,2,3-Trichlorobenzene	<0.35		2.0	0.35	ug/Kg			02/26/13 14:33	1
1,2,3-Trichloropropane	<0.57		2.0	0.57	ug/Kg			02/26/13 14:33	1
1,2,4-Trichlorobenzene	<0.38		2.0	0.38	ug/Kg			02/26/13 14:33	1
1,2,4-Trimethylbenzene	<0.21		2.0	0.21	ug/Kg			02/26/13 14:33	1
1,2-Dibromo-3-Chloropropane	<0.87		2.0	0.87	ug/Kg			02/26/13 14:33	1
1,2-Dibromoethane	<0.31		2.0	0.31	ug/Kg			02/26/13 14:33	1
1,2-Dichlorobenzene	<0.21		2.0	0.21	ug/Kg			02/26/13 14:33	1
1,2-Dichloroethane	<0.29		1.0	0.29	ug/Kg			02/26/13 14:33	1
1,2-Dichloropropane	<0.20		1.0	0.20	ug/Kg			02/26/13 14:33	1
1,3,5-Trimethylbenzene	<0.21		2.0	0.21	ug/Kg			02/26/13 14:33	1
1,3-Dichlorobenzene	<0.26		2.0	0.26	ug/Kg			02/26/13 14:33	1
1,3-Dichloropropane	<0.13		1.0	0.13	ug/Kg			02/26/13 14:33	1
1,4-Dichlorobenzene	<0.17		2.0	0.17	ug/Kg			02/26/13 14:33	1
2,2-Dichloropropane	<0.32		1.0	0.32	ug/Kg			02/26/13 14:33	1
2-Chlorotoluene	<0.21		1.0	0.21	ug/Kg			02/26/13 14:33	1
4-Chlorotoluene	<0.20		1.0	0.20	ug/Kg			02/26/13 14:33	1
Benzene	<0.074		0.25	0.074	ug/Kg			02/26/13 14:33	1
Bromobenzene	<0.43		2.0	0.43	ug/Kg			02/26/13 14:33	1
Bromochloromethane	<0.38		2.0	0.38	ug/Kg			02/26/13 14:33	1
Bromodichloromethane	<0.34		2.0	0.34	ug/Kg			02/26/13 14:33	1
Bromoform	<0.44		2.0	0.44	ug/Kg			02/26/13 14:33	1
Bromomethane	<0.68		2.0	0.68	ug/Kg			02/26/13 14:33	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/Kg			02/26/13 14:33	1
Chlorobenzene	<0.14		1.0	0.14	ug/Kg			02/26/13 14:33	1
Chloroethane	<0.44		2.0	0.44	ug/Kg			02/26/13 14:33	1
Chloroform	<0.21		1.0	0.21	ug/Kg			02/26/13 14:33	1
Chloromethane	<0.46		2.0	0.46	ug/Kg			02/26/13 14:33	1
cis-1,2-Dichloroethene	<0.12		1.0	0.12	ug/Kg			02/26/13 14:33	1
cis-1,3-Dichloropropene	<0.18		1.0	0.18	ug/Kg			02/26/13 14:33	1
Dibromochloromethane	<0.35		2.0	0.35	ug/Kg			02/26/13 14:33	1
Dibromomethane	<0.48		2.0	0.48	ug/Kg			02/26/13 14:33	1
Dichlorodifluoromethane	<0.51		2.0	0.51	ug/Kg			02/26/13 14:33	1
Ethylbenzene	<0.13		0.25	0.13	ug/Kg			02/26/13 14:33	1
Hexachlorobutadiene	<0.35		2.0	0.35	ug/Kg			02/26/13 14:33	1
Isopropyl ether	<0.15		2.0	0.15	ug/Kg			02/26/13 14:33	1
Isopropylbenzene	<0.25		2.0	0.25	ug/Kg			02/26/13 14:33	1
Methyl tert-butyl ether	<0.43		2.0	0.43	ug/Kg			02/26/13 14:33	1
Methylene Chloride	<0.68		5.0	0.68	ug/Kg			02/26/13 14:33	1
Naphthalene	<0.49		2.0	0.49	ug/Kg			02/26/13 14:33	1
n-Butylbenzene	<0.13		1.0	0.13	ug/Kg			02/26/13 14:33	1
N-Propylbenzene	<0.18		2.0	0.18	ug/Kg			02/26/13 14:33	1
p-Isopropyltoluene	<0.19		2.0	0.19	ug/Kg			02/26/13 14:33	1
sec-Butylbenzene	<0.15		1.0	0.15	ug/Kg			02/26/13 14:33	1
Styrene	<0.099		1.0	0.099	ug/Kg			02/26/13 14:33	1

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54777-1

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

Lab Sample ID: MB 500-178580/7

Matrix: Solid

Analysis Batch: 178580

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	<0.14		1.0	0.14	ug/Kg			02/26/13 14:33	1
Tetrachloroethene	<0.17		1.0	0.17	ug/Kg			02/26/13 14:33	1
Toluene	<0.12		0.25	0.12	ug/Kg			02/26/13 14:33	1
trans-1,2-Dichloroethene	<0.25		1.0	0.25	ug/Kg			02/26/13 14:33	1
trans-1,3-Dichloropropene	<0.21		1.0	0.21	ug/Kg			02/26/13 14:33	1
Trichloroethene	<0.19		0.50	0.19	ug/Kg			02/26/13 14:33	1
Trichlorofluoromethane	<0.42		2.0	0.42	ug/Kg			02/26/13 14:33	1
Vinyl chloride	<0.10		0.25	0.10	ug/Kg			02/26/13 14:33	1
Xylenes, Total	<0.068		0.50	0.068	ug/Kg			02/26/13 14:33	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		75 - 125		02/26/13 14:33	1
4-Bromofluorobenzene (Surr)	89		75 - 120		02/26/13 14:33	1
Dibromofluoromethane	91		75 - 120		02/26/13 14:33	1
Toluene-d8 (Surr)	95		75 - 120		02/26/13 14:33	1

Lab Sample ID: LCS 500-178580/4

Matrix: Solid

Analysis Batch: 178580

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	50.0	49.3		ug/Kg		99	75 - 120
1,1,1-Trichloroethane	50.0	52.7		ug/Kg		105	70 - 123
1,1,2,2-Tetrachloroethane	50.0	50.7		ug/Kg		101	70 - 128
1,1,2-Trichloroethane	50.0	48.3		ug/Kg		97	69 - 120
1,1-Dichloroethane	50.0	49.4		ug/Kg		99	68 - 121
1,1-Dichloroethene	50.0	46.4		ug/Kg		93	58 - 122
1,1-Dichloropropene	50.0	47.3		ug/Kg		95	70 - 120
1,2,3-Trichlorobenzene	50.0	46.1		ug/Kg		92	56 - 137
1,2,3-Trichloropropane	50.0	49.6		ug/Kg		99	70 - 120
1,2,4-Trichlorobenzene	50.0	44.8		ug/Kg		90	65 - 121
1,2,4-Trimethylbenzene	50.0	49.5		ug/Kg		99	75 - 121
1,2-Dibromo-3-Chloropropane	50.0	44.0		ug/Kg		88	60 - 121
1,2-Dibromoethane	50.0	48.5		ug/Kg		97	70 - 120
1,2-Dichlorobenzene	50.0	45.1		ug/Kg		90	75 - 120
1,2-Dichloroethane	50.0	48.4		ug/Kg		97	69 - 120
1,2-Dichloropropane	50.0	48.0		ug/Kg		96	70 - 120
1,3,5-Trimethylbenzene	50.0	50.6		ug/Kg		101	75 - 123
1,3-Dichlorobenzene	50.0	44.8		ug/Kg		90	70 - 120
1,3-Dichloropropane	50.0	46.1		ug/Kg		92	70 - 120
1,4-Dichlorobenzene	50.0	46.8		ug/Kg		94	75 - 120
2,2-Dichloropropane	50.0	53.0		ug/Kg		106	67 - 125
2-Chlorotoluene	50.0	46.0		ug/Kg		92	70 - 120
4-Chlorotoluene	50.0	45.6		ug/Kg		91	70 - 120
Benzene	50.0	47.8		ug/Kg		96	70 - 120
Bromobenzene	50.0	47.1		ug/Kg		94	70 - 120
Bromochloromethane	50.0	56.0		ug/Kg		112	67 - 122
Bromodichloromethane	50.0	48.4		ug/Kg		97	70 - 120

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54777-1

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

Lab Sample ID: LCS 500-178580/4

Matrix: Solid

Analysis Batch: 178580

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromoform	50.0	49.2		ug/Kg		98	70 - 125
Bromomethane	50.0	47.0		ug/Kg		94	50 - 150
Carbon tetrachloride	50.0	51.1		ug/Kg		102	70 - 125
Chlorobenzene	50.0	45.2		ug/Kg		90	70 - 120
Chloroethane	50.0	49.9		ug/Kg		100	50 - 150
Chloroform	50.0	52.0		ug/Kg		104	70 - 120
Chloromethane	50.0	41.1		ug/Kg		82	50 - 134
cis-1,2-Dichloroethene	50.0	50.2		ug/Kg		100	70 - 120
cis-1,3-Dichloropropene	53.8	54.1		ug/Kg		101	70 - 120
Dibromochloromethane	50.0	48.7		ug/Kg		97	70 - 120
Dibromomethane	50.0	49.6		ug/Kg		99	70 - 120
Dichlorodifluoromethane	50.0	37.5		ug/Kg		75	40 - 140
Ethylbenzene	50.0	46.8		ug/Kg		94	75 - 120
Hexachlorobutadiene	50.0	46.3		ug/Kg		93	70 - 135
Isopropylbenzene	50.0	45.8		ug/Kg		92	70 - 120
Methyl tert-butyl ether	50.0	59.0		ug/Kg		118	58 - 122
Methylene Chloride	50.0	49.7		ug/Kg		99	65 - 125
Naphthalene	50.0	47.7		ug/Kg		95	55 - 132
n-Butylbenzene	50.0	48.9		ug/Kg		98	75 - 120
N-Propylbenzene	50.0	45.4		ug/Kg		91	70 - 120
p-Isopropyltoluene	50.0	45.7		ug/Kg		91	70 - 120
sec-Butylbenzene	50.0	46.7		ug/Kg		93	70 - 120
Styrene	50.0	49.1		ug/Kg		98	75 - 120
tert-Butylbenzene	50.0	45.7		ug/Kg		91	70 - 120
Tetrachloroethene	50.0	49.0		ug/Kg		98	70 - 123
Toluene	50.0	48.6		ug/Kg		97	70 - 120
trans-1,2-Dichloroethene	50.0	51.6		ug/Kg		103	70 - 124
trans-1,3-Dichloropropene	48.6	47.9		ug/Kg		98	70 - 120
Trichloroethene	50.0	49.1		ug/Kg		98	70 - 120
Trichlorofluoromethane	50.0	53.0		ug/Kg		106	63 - 134
Vinyl chloride	50.0	53.0		ug/Kg		106	62 - 138
Xylenes, Total	150	143		ug/Kg		95	70 - 120

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	102		75 - 125
4-Bromofluorobenzene (Surr)	101		75 - 120
Dibromofluoromethane	102		75 - 120
Toluene-d8 (Surr)	101		75 - 120

Lab Sample ID: MB 500-178657/6

Matrix: Solid

Analysis Batch: 178657

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1,2-Tetrachloroethane	<0.35		2.0	0.35	ug/Kg			02/27/13 11:13	1
1,1,1,1-Trichloroethane	<0.20		1.0	0.20	ug/Kg			02/27/13 11:13	1
1,1,2,2-Tetrachloroethane	<0.23		1.0	0.23	ug/Kg			02/27/13 11:13	1
1,1,2-Trichloroethane	<0.28		1.0	0.28	ug/Kg			02/27/13 11:13	1

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54777-1

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

Lab Sample ID: MB 500-178657/6

Matrix: Solid

Analysis Batch: 178657

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1-Dichloroethane	<0.19		1.0	0.19	ug/Kg			02/27/13 11:13	1
1,1-Dichloroethene	<0.31		1.0	0.31	ug/Kg			02/27/13 11:13	1
1,1-Dichloropropene	<0.34		1.0	0.34	ug/Kg			02/27/13 11:13	1
1,2,3-Trichlorobenzene	<0.35		2.0	0.35	ug/Kg			02/27/13 11:13	1
1,2,3-Trichloropropane	<0.57		2.0	0.57	ug/Kg			02/27/13 11:13	1
1,2,4-Trichlorobenzene	<0.38		2.0	0.38	ug/Kg			02/27/13 11:13	1
1,2,4-Trimethylbenzene	<0.21		2.0	0.21	ug/Kg			02/27/13 11:13	1
1,2-Dibromo-3-Chloropropane	<0.87		2.0	0.87	ug/Kg			02/27/13 11:13	1
1,2-Dibromoethane	<0.31		2.0	0.31	ug/Kg			02/27/13 11:13	1
1,2-Dichlorobenzene	<0.21		2.0	0.21	ug/Kg			02/27/13 11:13	1
1,2-Dichloroethane	<0.29		1.0	0.29	ug/Kg			02/27/13 11:13	1
1,2-Dichloropropane	<0.20		1.0	0.20	ug/Kg			02/27/13 11:13	1
1,3,5-Trimethylbenzene	<0.21		2.0	0.21	ug/Kg			02/27/13 11:13	1
1,3-Dichlorobenzene	<0.26		2.0	0.26	ug/Kg			02/27/13 11:13	1
1,3-Dichloropropane	<0.13		1.0	0.13	ug/Kg			02/27/13 11:13	1
1,4-Dichlorobenzene	<0.17		2.0	0.17	ug/Kg			02/27/13 11:13	1
2,2-Dichloropropane	<0.32		1.0	0.32	ug/Kg			02/27/13 11:13	1
2-Chlorotoluene	<0.21		1.0	0.21	ug/Kg			02/27/13 11:13	1
4-Chlorotoluene	<0.20		1.0	0.20	ug/Kg			02/27/13 11:13	1
Benzene	<0.074		0.25	0.074	ug/Kg			02/27/13 11:13	1
Bromobenzene	<0.43		2.0	0.43	ug/Kg			02/27/13 11:13	1
Bromochloromethane	<0.38		2.0	0.38	ug/Kg			02/27/13 11:13	1
Bromodichloromethane	<0.34		2.0	0.34	ug/Kg			02/27/13 11:13	1
Bromoform	<0.44		2.0	0.44	ug/Kg			02/27/13 11:13	1
Bromomethane	<0.68		2.0	0.68	ug/Kg			02/27/13 11:13	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/Kg			02/27/13 11:13	1
Chlorobenzene	<0.14		1.0	0.14	ug/Kg			02/27/13 11:13	1
Chloroethane	<0.44		2.0	0.44	ug/Kg			02/27/13 11:13	1
Chloroform	<0.21		1.0	0.21	ug/Kg			02/27/13 11:13	1
Chloromethane	<0.46		2.0	0.46	ug/Kg			02/27/13 11:13	1
cis-1,2-Dichloroethene	<0.12		1.0	0.12	ug/Kg			02/27/13 11:13	1
cis-1,3-Dichloropropene	<0.18		1.0	0.18	ug/Kg			02/27/13 11:13	1
Dibromochloromethane	<0.35		2.0	0.35	ug/Kg			02/27/13 11:13	1
Dibromomethane	<0.48		2.0	0.48	ug/Kg			02/27/13 11:13	1
Dichlorodifluoromethane	<0.51		2.0	0.51	ug/Kg			02/27/13 11:13	1
Ethylbenzene	<0.13		0.25	0.13	ug/Kg			02/27/13 11:13	1
Hexachlorobutadiene	<0.35		2.0	0.35	ug/Kg			02/27/13 11:13	1
Isopropyl ether	<0.15		2.0	0.15	ug/Kg			02/27/13 11:13	1
Isopropylbenzene	<0.25		2.0	0.25	ug/Kg			02/27/13 11:13	1
Methyl tert-butyl ether	<0.43		2.0	0.43	ug/Kg			02/27/13 11:13	1
Methylene Chloride	<0.68		5.0	0.68	ug/Kg			02/27/13 11:13	1
Naphthalene	<0.49		2.0	0.49	ug/Kg			02/27/13 11:13	1
n-Butylbenzene	<0.13		1.0	0.13	ug/Kg			02/27/13 11:13	1
N-Propylbenzene	<0.18		2.0	0.18	ug/Kg			02/27/13 11:13	1
p-Isopropyltoluene	<0.19		2.0	0.19	ug/Kg			02/27/13 11:13	1
sec-Butylbenzene	<0.15		1.0	0.15	ug/Kg			02/27/13 11:13	1
Styrene	<0.099		1.0	0.099	ug/Kg			02/27/13 11:13	1
tert-Butylbenzene	<0.14		1.0	0.14	ug/Kg			02/27/13 11:13	1

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54777-1

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

Lab Sample ID: MB 500-178657/6

Matrix: Solid

Analysis Batch: 178657

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	<0.17		1.0	0.17	ug/Kg			02/27/13 11:13	1
Toluene	<0.12		0.25	0.12	ug/Kg			02/27/13 11:13	1
trans-1,2-Dichloroethene	<0.25		1.0	0.25	ug/Kg			02/27/13 11:13	1
trans-1,3-Dichloropropene	<0.21		1.0	0.21	ug/Kg			02/27/13 11:13	1
Trichloroethene	<0.19		0.50	0.19	ug/Kg			02/27/13 11:13	1
Trichlorofluoromethane	<0.42		2.0	0.42	ug/Kg			02/27/13 11:13	1
Vinyl chloride	<0.10		0.25	0.10	ug/Kg			02/27/13 11:13	1
Xylenes, Total	<0.068		0.50	0.068	ug/Kg			02/27/13 11:13	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		75 - 125		02/27/13 11:13	1
4-Bromofluorobenzene (Surr)	91		75 - 120		02/27/13 11:13	1
Dibromofluoromethane	93		75 - 120		02/27/13 11:13	1
Toluene-d8 (Surr)	95		75 - 120		02/27/13 11:13	1

Lab Sample ID: LCS 500-178657/4

Matrix: Solid

Analysis Batch: 178657

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	50.0	45.2		ug/Kg		90	75 - 120
1,1,1-Trichloroethane	50.0	49.0		ug/Kg		98	70 - 123
1,1,1,2,2-Tetrachloroethane	50.0	46.9		ug/Kg		94	70 - 128
1,1,2-Trichloroethane	50.0	44.6		ug/Kg		89	69 - 120
1,1-Dichloroethane	50.0	46.2		ug/Kg		92	68 - 121
1,1-Dichloroethene	50.0	43.6		ug/Kg		87	58 - 122
1,1-Dichloropropene	50.0	44.5		ug/Kg		89	70 - 120
1,2,3-Trichlorobenzene	50.0	44.3		ug/Kg		89	56 - 137
1,2,3-Trichloropropane	50.0	46.5		ug/Kg		93	70 - 120
1,2,4-Trichlorobenzene	50.0	42.3		ug/Kg		85	65 - 121
1,2,4-Trimethylbenzene	50.0	47.8		ug/Kg		96	75 - 121
1,2-Dibromo-3-Chloropropane	50.0	33.6		ug/Kg		67	60 - 121
1,2-Dibromoethane	50.0	45.8		ug/Kg		92	70 - 120
1,2-Dichlorobenzene	50.0	43.4		ug/Kg		87	75 - 120
1,2-Dichloroethane	50.0	45.2		ug/Kg		90	69 - 120
1,2-Dichloropropane	50.0	45.5		ug/Kg		91	70 - 120
1,3,5-Trimethylbenzene	50.0	48.8		ug/Kg		98	75 - 123
1,3-Dichlorobenzene	50.0	42.8		ug/Kg		86	70 - 120
1,3-Dichloropropane	50.0	44.7		ug/Kg		89	70 - 120
1,4-Dichlorobenzene	50.0	45.2		ug/Kg		90	75 - 120
2,2-Dichloropropane	50.0	44.7		ug/Kg		89	67 - 125
2-Chlorotoluene	50.0	44.3		ug/Kg		89	70 - 120
4-Chlorotoluene	50.0	44.0		ug/Kg		88	70 - 120
Benzene	50.0	44.0		ug/Kg		88	70 - 120
Bromobenzene	50.0	44.7		ug/Kg		89	70 - 120
Bromochloromethane	50.0	50.5		ug/Kg		101	67 - 122
Bromodichloromethane	50.0	43.5		ug/Kg		87	70 - 120
Bromoform	50.0	41.4		ug/Kg		83	70 - 125

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54777-1

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

Lab Sample ID: LCS 500-178657/4

Matrix: Solid

Analysis Batch: 178657

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromomethane	50.0	47.1		ug/Kg		94	50 - 150
Carbon tetrachloride	50.0	46.3		ug/Kg		93	70 - 125
Chlorobenzene	50.0	42.1		ug/Kg		84	70 - 120
Chloroethane	50.0	49.3		ug/Kg		99	50 - 150
Chloroform	50.0	48.9		ug/Kg		98	70 - 120
Chloromethane	50.0	39.7		ug/Kg		79	50 - 134
cis-1,2-Dichloroethene	50.0	46.5		ug/Kg		93	70 - 120
cis-1,3-Dichloropropene	53.8	48.3		ug/Kg		90	70 - 120
Dibromochloromethane	50.0	42.9		ug/Kg		86	70 - 120
Dibromomethane	50.0	45.9		ug/Kg		92	70 - 120
Dichlorodifluoromethane	50.0	37.6		ug/Kg		75	40 - 140
Ethylbenzene	50.0	44.9		ug/Kg		90	75 - 120
Hexachlorobutadiene	50.0	46.5		ug/Kg		93	70 - 135
Isopropylbenzene	50.0	44.5		ug/Kg		89	70 - 120
Methyl tert-butyl ether	50.0	51.0		ug/Kg		102	58 - 122
Methylene Chloride	50.0	46.7		ug/Kg		93	65 - 125
Naphthalene	50.0	44.3		ug/Kg		89	55 - 132
n-Butylbenzene	50.0	48.4		ug/Kg		97	75 - 120
N-Propylbenzene	50.0	44.3		ug/Kg		89	70 - 120
p-Isopropyltoluene	50.0	44.5		ug/Kg		89	70 - 120
sec-Butylbenzene	50.0	45.6		ug/Kg		91	70 - 120
Styrene	50.0	46.8		ug/Kg		94	75 - 120
tert-Butylbenzene	50.0	43.9		ug/Kg		88	70 - 120
Tetrachloroethene	50.0	46.8		ug/Kg		94	70 - 123
Toluene	50.0	46.0		ug/Kg		92	70 - 120
trans-1,2-Dichloroethene	50.0	47.9		ug/Kg		96	70 - 124
trans-1,3-Dichloropropene	48.6	41.3		ug/Kg		85	70 - 120
Trichloroethene	50.0	46.4		ug/Kg		93	70 - 120
Trichlorofluoromethane	50.0	51.6		ug/Kg		103	63 - 134
Vinyl chloride	50.0	50.0		ug/Kg		100	62 - 138
Xylenes, Total	150	135		ug/Kg		90	70 - 120

Surrogate	LCS %Recovery	LCS Qualifier	LCS Limits
1,2-Dichloroethane-d4 (Surr)	101		75 - 125
4-Bromofluorobenzene (Surr)	99		75 - 120
Dibromofluoromethane	100		75 - 120
Toluene-d8 (Surr)	101		75 - 120

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 500-178423/1-A

Matrix: Solid

Analysis Batch: 178503

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 178423

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<17		33	17	ug/Kg		02/25/13 07:15	02/25/13 16:01	1
2-Methylnaphthalene	<43		170	43	ug/Kg		02/25/13 07:15	02/25/13 16:01	1
Acenaphthene	<9.9		33	9.9	ug/Kg		02/25/13 07:15	02/25/13 16:01	1

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54777-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 500-178423/1-A

Matrix: Solid

Analysis Batch: 178503

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 178423

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthylene	<7.6		33	7.6	ug/Kg		02/25/13 07:15	02/25/13 16:01	1
Anthracene	<7.8		33	7.8	ug/Kg		02/25/13 07:15	02/25/13 16:01	1
Benzo[a]anthracene	<7.0		33	7.0	ug/Kg		02/25/13 07:15	02/25/13 16:01	1
Benzo[a]pyrene	<6.1		33	6.1	ug/Kg		02/25/13 07:15	02/25/13 16:01	1
Benzo[b]fluoranthene	<6.5		33	6.5	ug/Kg		02/25/13 07:15	02/25/13 16:01	1
Benzo[g,h,i]perylene	<11		33	11	ug/Kg		02/25/13 07:15	02/25/13 16:01	1
Benzo[k]fluoranthene	<7.9		33	7.9	ug/Kg		02/25/13 07:15	02/25/13 16:01	1
Chrysene	<7.5		33	7.5	ug/Kg		02/25/13 07:15	02/25/13 16:01	1
Dibenz(a,h)anthracene	<9.3		33	9.3	ug/Kg		02/25/13 07:15	02/25/13 16:01	1
Fluoranthene	<14		33	14	ug/Kg		02/25/13 07:15	02/25/13 16:01	1
Fluorene	<7.6		33	7.6	ug/Kg		02/25/13 07:15	02/25/13 16:01	1
Indeno[1,2,3-cd]pyrene	<11		33	11	ug/Kg		02/25/13 07:15	02/25/13 16:01	1
Naphthalene	<6.4		33	6.4	ug/Kg		02/25/13 07:15	02/25/13 16:01	1
Phenanthrene	<14		33	14	ug/Kg		02/25/13 07:15	02/25/13 16:01	1
Pyrene	<12		33	12	ug/Kg		02/25/13 07:15	02/25/13 16:01	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	99		30 - 119	02/25/13 07:15	02/25/13 16:01	1
Nitrobenzene-d5 (Surr)	86		30 - 115	02/25/13 07:15	02/25/13 16:01	1
Terphenyl-d14 (Surr)	90		36 - 134	02/25/13 07:15	02/25/13 16:01	1

Lab Sample ID: LCS 500-178423/2-A

Matrix: Solid

Analysis Batch: 178503

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 178423

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Methylnaphthalene	1670	1350		ug/Kg		81	51 - 110
Acenaphthene	1670	1290		ug/Kg		77	53 - 110
Acenaphthylene	1670	1230		ug/Kg		74	51 - 110
Anthracene	1670	1210		ug/Kg		73	52 - 110
Benzo[a]anthracene	1670	1210		ug/Kg		72	57 - 110
Benzo[a]pyrene	1670	1250		ug/Kg		75	56 - 110
Benzo[b]fluoranthene	1670	1140		ug/Kg		69	50 - 110
Benzo[g,h,i]perylene	1670	1490		ug/Kg		89	54 - 117
Benzo[k]fluoranthene	1670	1170		ug/Kg		70	43 - 121
Chrysene	1670	1130		ug/Kg		68	54 - 110
Dibenz(a,h)anthracene	1670	1270		ug/Kg		76	52 - 118
Fluoranthene	1670	1290		ug/Kg		77	55 - 113
Fluorene	1670	1210		ug/Kg		73	52 - 112
Indeno[1,2,3-cd]pyrene	1670	1340		ug/Kg		80	53 - 116
Naphthalene	1670	1350		ug/Kg		81	48 - 110
Phenanthrene	1670	1390		ug/Kg		84	51 - 116
Pyrene	1670	1240		ug/Kg		74	50 - 112

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorobiphenyl	103		30 - 119
Nitrobenzene-d5 (Surr)	91		30 - 115

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54777-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-178423/2-A
Matrix: Solid
Analysis Batch: 178503

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 178423

Surrogate	LCS		Limits
	%Recovery	Qualifier	
Terphenyl-d14 (Surr)	106		36 - 134

Lab Sample ID: 500-54777-1 MS
Matrix: Solid
Analysis Batch: 179085

Client Sample ID: B-61 0-2'
Prep Type: Total/NA
Prep Batch: 178423

Analyte	Sample	Sample	Spike	MS		Unit	D	%Rec	%Rec.	Limits
	Result	Qualifier		Result	Qualifier					
2-Methylnaphthalene	170	J	2250	1370		ug/Kg	☼	53	51 - 110	
Acenaphthene	690		2250	2280		ug/Kg	☼	71	53 - 110	
Acenaphthylene	<10		2250	1120	F	ug/Kg	☼	50	51 - 110	
Anthracene	1100		2250	2470		ug/Kg	☼	63	52 - 110	
Benzo[a]anthracene	23000		2250	39400	E 4	ug/Kg	☼	723	57 - 110	
Benzo[a]pyrene	5200		2250	7400	E	ug/Kg	☼	99	56 - 110	
Benzo[b]fluoranthene	18000		2250	7950	E 4	ug/Kg	☼	-454	50 - 110	
Benzo[g,h,i]perylene	19000		2250	24900	E 4	ug/Kg	☼	244	54 - 117	
Benzo[k]fluoranthene	11000		2250	22500	E 4	ug/Kg	☼	505	43 - 121	
Chrysene	19000		2250	26100	E 4	ug/Kg	☼	308	54 - 110	
Dibenz(a,h)anthracene	3600		2250	4130	E F	ug/Kg	☼	22	52 - 118	
Fluoranthene	7500		2250	9380	E	ug/Kg	☼	85	55 - 113	
Fluorene	370		2250	1650		ug/Kg	☼	57	52 - 112	
Indeno[1,2,3-cd]pyrene	15000		2250	3000	4	ug/Kg	☼	-528	53 - 116	
Naphthalene	470		2250	1650		ug/Kg	☼	53	48 - 110	
Phenanthrene	5100		2250	NaN	E	ug/Kg	☼		51 - 116	
Pyrene	26000		2250	38400	E 4	ug/Kg	☼	572	50 - 112	

Surrogate	MS		Limits
	%Recovery	Qualifier	
2-Fluorobiphenyl	58		30 - 119
Nitrobenzene-d5 (Surr)	41		30 - 115
Terphenyl-d14 (Surr)	185	X	36 - 134

Lab Sample ID: 500-54777-1 MSD
Matrix: Solid
Analysis Batch: 179085

Client Sample ID: B-61 0-2'
Prep Type: Total/NA
Prep Batch: 178423

Analyte	Sample	Sample	Spike	MSD		Unit	D	%Rec	%Rec.	Limits	RPD	
	Result	Qualifier		Result	Qualifier						RPD	Limit
2-Methylnaphthalene	170	J	2240	1470		ug/Kg	☼	58	51 - 110	7	30	
Acenaphthene	690		2240	2860		ug/Kg	☼	97	53 - 110	23	30	
Acenaphthylene	<10		2240	1150		ug/Kg	☼	51	51 - 110	3	30	
Anthracene	1100		2240	2890		ug/Kg	☼	82	52 - 110	16	30	
Benzo[a]anthracene	23000		2240	77600	4 F	ug/Kg	☼	2427	57 - 110	65	30	
Benzo[a]pyrene	5200		2240	7480		ug/Kg	☼	103	56 - 110	1	30	
Benzo[b]fluoranthene	18000		2240	7230	4	ug/Kg	☼	-487	50 - 110	9	30	
Benzo[g,h,i]perylene	19000		2240	23300	4	ug/Kg	☼	175	54 - 117	7	30	
Benzo[k]fluoranthene	11000		2240	22000	4	ug/Kg	☼	483	43 - 121	2	30	
Chrysene	19000		2240	79800	4 F	ug/Kg	☼	2699	54 - 110	101	30	
Dibenz(a,h)anthracene	3600		2240	4450	F	ug/Kg	☼	37	52 - 118	7	30	
Fluoranthene	7500		2240	10400	F	ug/Kg	☼	129	55 - 113	10	30	
Fluorene	370		2240	1890		ug/Kg	☼	67	52 - 112	14	30	

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54777-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 500-54777-1 MSD

Matrix: Solid

Analysis Batch: 179085

Client Sample ID: B-61 0-2'

Prep Type: Total/NA

Prep Batch: 178423

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Indeno[1,2,3-cd]pyrene	15000		2240	2270	4	ug/Kg	✱	-563	53 - 116	28	30
Naphthalene	470		2240	1930		ug/Kg	✱	65	48 - 110	15	30
Phenanthrene	5100		2240	NaN	F	ug/Kg	✱	0	51 - 116	NC	30
Pyrene	26000		2240	43600	4	ug/Kg	✱	806	50 - 112	13	30

Surrogate	MSD %Recovery	MSD Qualifier	Limits
2-Fluorobiphenyl	61		30 - 119
Nitrobenzene-d5 (Surr)	43		30 - 115
Terphenyl-d14 (Surr)	183	X	36 - 134

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

Lab Sample ID: MB 500-178418/1-A

Matrix: Solid

Analysis Batch: 178538

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 178418

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<5.9		17	5.9	ug/Kg		02/25/13 07:06	02/26/13 09:06	1
PCB-1221	<7.3		17	7.3	ug/Kg		02/25/13 07:06	02/26/13 09:06	1
PCB-1232	<7.3		17	7.3	ug/Kg		02/25/13 07:06	02/26/13 09:06	1
PCB-1242	<5.5		17	5.5	ug/Kg		02/25/13 07:06	02/26/13 09:06	1
PCB-1248	<6.6		17	6.6	ug/Kg		02/25/13 07:06	02/26/13 09:06	1
PCB-1254	<3.6		17	3.6	ug/Kg		02/25/13 07:06	02/26/13 09:06	1
PCB-1260	<8.2		17	8.2	ug/Kg		02/25/13 07:06	02/26/13 09:06	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	88		50 - 116	02/25/13 07:06	02/26/13 09:06	1
DCB Decachlorobiphenyl	82		48 - 142	02/25/13 07:06	02/26/13 09:06	1

Lab Sample ID: LCS 500-178418/3-A

Matrix: Solid

Analysis Batch: 178538

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 178418

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	167	137		ug/Kg		82	59 - 110
PCB-1260	167	152		ug/Kg		91	69 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	85		50 - 116
DCB Decachlorobiphenyl	90		48 - 142

TestAmerica Chicago

Lab Chronicle

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54777-1

Client Sample ID: B-61 0-2'

Date Collected: 02/19/13 09:05

Date Received: 02/23/13 09:45

Lab Sample ID: 500-54777-1

Matrix: Solid
 Percent Solids: 71.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			178407	02/19/13 09:05	WRE	TAL CHI
Total/NA	Analysis	8260B		50	178580	02/26/13 17:10	DJD	TAL CHI
Total/NA	Prep	3541			178423	02/25/13 07:15	STW	TAL CHI
Total/NA	Analysis	8270D		1	179085	03/05/13 18:05	PMF	TAL CHI
Total/NA	Prep	3541	DL		178423	02/25/13 07:15	STW	TAL CHI
Total/NA	Analysis	8270D	DL	20	179181	03/06/13 15:45	PMF	TAL CHI
Total/NA	Prep	3541			178418	02/25/13 07:06	STW	TAL CHI
Total/NA	Analysis	8082		1	178538	02/26/13 10:30	GMO	TAL CHI
Total/NA	Analysis	Moisture		1	178400	02/23/13 12:36	CMV	TAL CHI

Client Sample ID: B-61 14-15'

Date Collected: 02/19/13 09:20

Date Received: 02/23/13 09:45

Lab Sample ID: 500-54777-2

Matrix: Solid
 Percent Solids: 82.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			178407	02/19/13 09:20	WRE	TAL CHI
Total/NA	Analysis	8260B		50	178580	02/26/13 17:36	DJD	TAL CHI
Total/NA	Prep	3541			178423	02/25/13 07:15	STW	TAL CHI
Total/NA	Analysis	8270D		1	179085	03/05/13 14:40	PMF	TAL CHI
Total/NA	Prep	3541			178418	02/25/13 07:06	STW	TAL CHI
Total/NA	Analysis	8082		1	178538	02/26/13 10:44	GMO	TAL CHI
Total/NA	Analysis	Moisture		1	178400	02/23/13 12:36	CMV	TAL CHI

Client Sample ID: B-88 15'

Date Collected: 02/19/13 10:35

Date Received: 02/23/13 09:45

Lab Sample ID: 500-54777-3

Matrix: Solid
 Percent Solids: 88.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			178407	02/19/13 10:35	WRE	TAL CHI
Total/NA	Analysis	8260B		50	178580	02/26/13 18:03	DJD	TAL CHI
Total/NA	Prep	3541			178423	02/25/13 07:15	STW	TAL CHI
Total/NA	Analysis	8270D		1	179085	03/05/13 15:01	PMF	TAL CHI
Total/NA	Analysis	Moisture		1	178400	02/23/13 12:36	CMV	TAL CHI

Client Sample ID: B-63 0-2'

Date Collected: 02/19/13 11:15

Date Received: 02/23/13 09:45

Lab Sample ID: 500-54777-4

Matrix: Solid
 Percent Solids: 81.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			178407	02/19/13 11:15	WRE	TAL CHI
Total/NA	Analysis	8260B		50	178580	02/26/13 18:29	DJD	TAL CHI
Total/NA	Prep	3541			178423	02/25/13 07:15	STW	TAL CHI
Total/NA	Analysis	8270D		10	179181	03/06/13 14:37	PMF	TAL CHI

TestAmerica Chicago

Lab Chronicle

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54777-1

Client Sample ID: B-63 0-2'

Lab Sample ID: 500-54777-4

Date Collected: 02/19/13 11:15

Matrix: Solid

Date Received: 02/23/13 09:45

Percent Solids: 81.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541	DL		178423	02/25/13 07:15	STW	TAL CHI
Total/NA	Analysis	8270D	DL	50	179181	03/06/13 16:08	PMF	TAL CHI
Total/NA	Prep	3541			178418	02/25/13 07:06	STW	TAL CHI
Total/NA	Analysis	8082		1	178538	02/26/13 10:58	GMO	TAL CHI
Total/NA	Analysis	Moisture		1	178400	02/23/13 12:36	CMV	TAL CHI

Client Sample ID: B-63 8-10'

Lab Sample ID: 500-54777-5

Date Collected: 02/19/13 11:35

Matrix: Solid

Date Received: 02/23/13 09:45

Percent Solids: 86.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			178407	02/19/13 11:35	WRE	TAL CHI
Total/NA	Analysis	8260B		50	178580	02/26/13 18:55	DJD	TAL CHI
Total/NA	Prep	3541			178423	02/25/13 07:15	STW	TAL CHI
Total/NA	Analysis	8270D		1	179085	03/05/13 15:21	PMF	TAL CHI
Total/NA	Prep	3541			178418	02/25/13 07:06	STW	TAL CHI
Total/NA	Analysis	8082		1	178538	02/26/13 11:13	GMO	TAL CHI
Total/NA	Analysis	Moisture		1	178400	02/23/13 12:36	CMV	TAL CHI

Client Sample ID: B-64 0-2'

Lab Sample ID: 500-54777-6

Date Collected: 02/19/13 11:50

Matrix: Solid

Date Received: 02/23/13 09:45

Percent Solids: 77.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			178407	02/19/13 11:50	WRE	TAL CHI
Total/NA	Analysis	8260B		50	178580	02/26/13 19:21	DJD	TAL CHI
Total/NA	Prep	3541			178423	02/25/13 07:15	STW	TAL CHI
Total/NA	Analysis	8270D		1	179085	03/05/13 15:42	PMF	TAL CHI
Total/NA	Prep	3541			178418	02/25/13 07:06	STW	TAL CHI
Total/NA	Analysis	8082		1	178538	02/26/13 11:26	GMO	TAL CHI
Total/NA	Analysis	Moisture		1	178400	02/23/13 12:36	CMV	TAL CHI

Client Sample ID: B-64 10-12'

Lab Sample ID: 500-54777-7

Date Collected: 02/19/13 12:00

Matrix: Solid

Date Received: 02/23/13 09:45

Percent Solids: 84.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			178407	02/19/13 12:00	WRE	TAL CHI
Total/NA	Analysis	8260B		50	178580	02/26/13 19:47	DJD	TAL CHI
Total/NA	Prep	3541			178423	02/25/13 07:15	STW	TAL CHI
Total/NA	Analysis	8270D		1	179085	03/05/13 16:02	PMF	TAL CHI
Total/NA	Prep	3541			178418	02/25/13 07:06	STW	TAL CHI
Total/NA	Analysis	8082		1	178538	02/26/13 11:40	GMO	TAL CHI

TestAmerica Chicago

Lab Chronicle

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54777-1

Client Sample ID: B-64 10-12'

Lab Sample ID: 500-54777-7

Date Collected: 02/19/13 12:00

Matrix: Solid

Date Received: 02/23/13 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	178400	02/23/13 12:36	CMV	TAL CHI

Client Sample ID: B-65 0-2'

Lab Sample ID: 500-54777-8

Date Collected: 02/19/13 12:35

Matrix: Solid

Date Received: 02/23/13 09:45

Percent Solids: 83.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			178407	02/19/13 12:35	WRE	TAL CHI
Total/NA	Analysis	8260B		50	178580	02/26/13 20:14	DJD	TAL CHI
Total/NA	Prep	3541			178423	02/25/13 07:15	STW	TAL CHI
Total/NA	Analysis	8270D		1	179085	03/05/13 16:23	PMF	TAL CHI
Total/NA	Prep	3541			178418	02/25/13 07:06	STW	TAL CHI
Total/NA	Analysis	8082		1	178538	02/26/13 11:54	GMO	TAL CHI
Total/NA	Analysis	Moisture		1	178400	02/23/13 12:36	CMV	TAL CHI

Client Sample ID: B-65 12-14'

Lab Sample ID: 500-54777-9

Date Collected: 02/19/13 12:40

Matrix: Solid

Date Received: 02/23/13 09:45

Percent Solids: 84.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			178407	02/19/13 12:40	WRE	TAL CHI
Total/NA	Analysis	8260B		50	178580	02/26/13 20:40	DJD	TAL CHI
Total/NA	Prep	3541			178423	02/25/13 07:15	STW	TAL CHI
Total/NA	Analysis	8270D		1	179085	03/05/13 16:43	PMF	TAL CHI
Total/NA	Prep	3541			178418	02/25/13 07:06	STW	TAL CHI
Total/NA	Analysis	8082		1	178538	02/26/13 12:08	GMO	TAL CHI
Total/NA	Analysis	Moisture		1	178400	02/23/13 12:36	CMV	TAL CHI

Client Sample ID: B-115 15'

Lab Sample ID: 500-54777-10

Date Collected: 02/19/13 13:05

Matrix: Solid

Date Received: 02/23/13 09:45

Percent Solids: 84.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			178407	02/19/13 13:05	WRE	TAL CHI
Total/NA	Analysis	8260B		50	178580	02/26/13 21:06	DJD	TAL CHI
Total/NA	Prep	3541			178423	02/25/13 07:15	STW	TAL CHI
Total/NA	Analysis	8270D		1	179085	03/05/13 18:46	PMF	TAL CHI
Total/NA	Analysis	Moisture		1	178400	02/23/13 12:36	CMV	TAL CHI

Lab Chronicle

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54777-1

Client Sample ID: B-107 15'

Lab Sample ID: 500-54777-11

Date Collected: 02/20/13 10:25

Matrix: Solid

Date Received: 02/23/13 09:45

Percent Solids: 87.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			178407	02/19/13 00:00	WRE	TAL CHI
Total/NA	Analysis	8260B		50	178580	02/26/13 21:32	DJD	TAL CHI
Total/NA	Prep	5035	DL		178407	02/19/13 00:00	WRE	TAL CHI
Total/NA	Analysis	8260B	DL	500	178580	02/26/13 21:59	DJD	TAL CHI
Total/NA	Prep	3541			178423	02/25/13 07:15	STW	TAL CHI
Total/NA	Analysis	8270D		1	179181	03/06/13 18:48	PMF	TAL CHI
Total/NA	Analysis	Moisture		1	178400	02/23/13 12:36	CMV	TAL CHI

Client Sample ID: B-51 0-2'

Lab Sample ID: 500-54777-12

Date Collected: 02/20/13 12:05

Matrix: Solid

Date Received: 02/23/13 09:45

Percent Solids: 81.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			178407	02/20/13 10:25	WRE	TAL CHI
Total/NA	Analysis	8260B		50	178657	02/27/13 16:01	DJD	TAL CHI
Total/NA	Prep	3541			178423	02/25/13 07:15	STW	TAL CHI
Total/NA	Analysis	8270D		1	179181	03/06/13 19:11	PMF	TAL CHI
Total/NA	Prep	3541			178418	02/25/13 07:06	STW	TAL CHI
Total/NA	Analysis	8082		1	178538	02/26/13 12:23	GMO	TAL CHI
Total/NA	Analysis	Moisture		1	178400	02/23/13 12:36	CMV	TAL CHI

Client Sample ID: B-51 14-15'

Lab Sample ID: 500-54777-13

Date Collected: 02/20/13 12:25

Matrix: Solid

Date Received: 02/23/13 09:45

Percent Solids: 77.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			178407	02/20/13 12:05	WRE	TAL CHI
Total/NA	Analysis	8260B		50	178580	02/26/13 22:51	DJD	TAL CHI
Total/NA	Prep	3541			178423	02/25/13 07:15	STW	TAL CHI
Total/NA	Analysis	8270D		1	179181	03/06/13 19:33	PMF	TAL CHI
Total/NA	Prep	3541			178418	02/25/13 07:06	STW	TAL CHI
Total/NA	Analysis	8082		1	178538	02/26/13 12:36	GMO	TAL CHI
Total/NA	Analysis	Moisture		1	178400	02/23/13 12:36	CMV	TAL CHI

Client Sample ID: TB-3

Lab Sample ID: 500-54777-14

Date Collected: 02/19/13 00:00

Matrix: Solid

Date Received: 02/23/13 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			178407	02/20/13 12:25	WRE	TAL CHI
Total/NA	Analysis	8260B		50	178580	02/26/13 15:25	DJD	TAL CHI

Lab Chronicle

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54777-1

Laboratory References:

TAL CHI = TestAmerica Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

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Certification Summary

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-54777-1

Laboratory: TestAmerica Chicago

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Alabama	State Program	4	40461	04-30-13
California	NELAP	9	01132CA	04-30-13
Georgia	State Program	4	N/A	04-30-13
Georgia	State Program	4	939	04-30-13
Hawaii	State Program	9	N/A	04-30-13
Illinois	NELAP	5	100201	04-30-13
Indiana	State Program	5	C-IL-02	04-30-13
Iowa	State Program	7	82	05-01-14
Kansas	NELAP	7	E-10161	10-31-13
Kentucky	State Program	4	90023	12-31-13
Kentucky (UST)	State Program	4	66	04-11-13
Louisiana	NELAP	6	30720	06-30-13
Massachusetts	State Program	1	M-IL035	06-30-13
Mississippi	State Program	4	N/A	04-30-13
North Carolina DENR	State Program	4	291	12-31-13
North Dakota	State Program	8	R-194	04-30-13
Oklahoma	State Program	6	8908	08-31-13
South Carolina	State Program	4	77001	04-30-13
Texas	NELAP	6	T104704252-09-TX	02-28-14
USDA	Federal		P330-12-00038	02-06-15
Virginia	NELAP	3	460142	06-14-13
Wisconsin	State Program	5	999580010	08-31-13
Wyoming	State Program	8	8TMS-Q	04-30-13

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

2417 Bond Street, University Park, IL 60484
 Phone: 708.534.5200 Fax: 708.534.5211

Report To (optional)	Bill To (optional)
Contact: <u>Mike Doel</u>	Contact: _____
Company: <u>Tetra Tech</u>	Company: _____
Address: <u>175 N. Corporate Dr Suite 100</u>	Address: _____
Address: <u>BROOKFIELD, WI 53005</u>	Address: _____
Phone: <u>(262) 792-1282</u>	Phone: _____
Fax: <u>(262) 792-1310</u>	Fax: _____
E-Mail: _____	PO#/Reference#: _____

Chain of Custody Record

Lab Job #: 500-54777
 Chain of Custody Number: _____
 Page _____ of _____
 Temperature °C of Cooler: 5.5

Client		Client Project #		Preservative		Parameter		Matrix		Preservative Key 1. HCL, Cool to 4° 2. H2SO4, Cool to 4° 3. HNO3, Cool to 4° 4. NaOH, Cool to 4° 5. NaOH/Zn, Cool to 4° 6. NaHSO4 7. Cool to 4° 8. None 9. Other	
Project Name		Lab Project #		Matrix		Matrix		Matrix			
Project Location/State		Lab Project #		Matrix		Matrix		Matrix			
<u>Tetra Tech</u>		<u>117-2201289.02</u>		<u>9 8 8 8</u>		<u>VOC PAH PCB DRY WT</u>		<u>VOC PAH PCB DRY WT</u>		Comments	
<u>Beazer Oak Creek</u>											
<u>Oak Creek, WI</u>											
<u>Ashley A. Weimer</u>											
Lab ID	MS/MSD	Sample ID	Date	Time	# of Containers	Matrix	VOC	PAH	PCB		DRY WT
1		B-61 0-2'	2-19	0905	3	S	✓	✓	✓		✓
2		B-61 14-15'		0920	3		✓	✓	✓		✓
3		B-88 15'		1035	3		✓	✓	✓		✓
4		B-63 0-2'		1115	3		✓	✓	✓		✓
5		B-63 8-10'		1135	3		✓	✓	✓		✓
6		B-64 0-2'		1150	3		✓	✓	✓	✓	
7		B-64 10-12'		1200	3		✓	✓	✓	✓	
8		B-65 0-2'		1235	3		✓	✓	✓	✓	
9		B-65 12-14'		1240	3		✓	✓	✓	✓	
10		B-115 15'		1305	3		✓	✓	✓	✓	

Turnaround Time Required (Business Days)

1 Day 2 Days 5 Days 7 Days 10 Days 15 Days Other

Sample Disposal

Return to Client Disposal by Lab Archive for _____ Months (A fee may be assessed if samples are retained longer than _____ month)

Relinquished By: <u>Ashley A. Weimer</u>	Company: <u>Tetra Tech</u>	Date: <u>2/22/13</u>	Time: <u>1300</u>	Received By: <u>JST</u>	Company: <u>TA</u>	Date: <u>2/23/13</u>	Time: <u>0945</u>
Relinquished By: _____	Company: _____	Date: _____	Time: _____	Received By: _____	Company: _____	Date: _____	Time: _____
Relinquished By: _____	Company: _____	Date: _____	Time: _____	Received By: _____	Company: _____	Date: _____	Time: _____

Lab Courier: _____
 Shipped:
 Hand Delivered: _____

Matrix Key
 WW - Wastewater SE - Sediment
 W - Water SO - Soil
 S - Soil L - Leachate
 SL - Sludge WI - Wipe
 MS - Miscellaneous DW - Drinking Water
 OL - Oil O - Other
 A - Air

Client Comments
PAH + PCB analyzed from same jar

Lab Comments:

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

2417 Bond Street, University Park, IL 60484
 Phone: 708.534.5200 Fax: 708.534.5211

Report To (optional)
 Contact: Mike Noel
 Company: Tetra Tech
 Address: 175 N. Corporate Dr Suite 100
Brookfield, WI 53045
 Phone: (262) 792-1282
 Fax: (262) 792-1310
 E-Mail:

Bill To (optional)
 Contact:
 Company:
 Address:
 Address:
 Phone:
 Fax:
 PO#/Reference#

Chain of Custody Record

Lab Job #: 500-54777
 Chain of Custody Number: _____
 Page _____ of _____
 Temperature °C of Cooler: _____

Client		Client Project #		Preservative		Parameter		Matrix		Preservative Key 1. HCL, Cool to 4° 2. H2SO4, Cool to 4° 3. HNO3, Cool to 4° 4. NaOH, Cool to 4° 5. NaOH/Zn, Cool to 4° 6. NaHSO4 7. Cool to 4° 8. None 9. Other
Project Name		Lab Project #		Parameter		Matrix		Comments		
Project Location/State		Lab Project #		Parameter		Matrix				
Sampler		Lab PM		Parameter		Matrix				
Lab ID	MS/MSD	Sample ID	Sampling Date	Time	# of Containers	Matrix	Matrix	Matrix	Matrix	
11		B-107 15'	2-20	1025	3	5	VOC	PAH	PCB	DRY WT
12		B-51 0-2'	↓	1205	3	↓	✓	✓	✓	✓
13		B-51 14-15'	↓	1225	3	↓	✓	✓	✓	✓
14		TB-3	-	-	1	-	✓			

Turnaround Time Required (Business Days)

1 Day 2 Days 5 Days 7 Days 10 Days 15 Days Other

Sample Disposal

Return to Client Disposal by Lab Archive for _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Relinquished By: <u>Conley Weimer</u> Company: <u>Tetra Tech</u> Date: <u>2/22/13</u> Time: <u>1300</u>	Received By: <u>JST</u> Company: <u>TA</u> Date: <u>2/23/13</u> Time: <u>0945</u>
Relinquished By: _____ Company: _____ Date: _____ Time: _____	Received By: _____ Company: _____ Date: _____ Time: _____
Relinquished By: _____ Company: _____ Date: _____ Time: _____	Received By: _____ Company: _____ Date: _____ Time: _____

Lab Courier: _____
 Shipped: FX
 Hand Delivered: _____

Matrix Key

WW - Wastewater SE - Sediment
 W - Water SO - Soil
 S - Soil L - Leachate
 SL - Sludge WI - Wipe
 MS - Miscellaneous DW - Drinking Water
 OL - Oil O - Other
 A - Air

Client Comments

PAH + PCB analyzed from same jar.

Lab Comments:

Login Sample Receipt Checklist

Client: Tetra Tech GEO

Job Number: 500-54777-1

Login Number: 54777

List Source: TestAmerica Chicago

List Number: 1

Creator: Lunt, Jeff T

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	5.5
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	
There are no discrepancies between the containers received 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	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



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ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Chicago
2417 Bond Street
University Park, IL 60484
Tel: (708)534-5200

TestAmerica Job ID: 500-56871-1
Client Project/Site: Beazer Oak Creek - 117-2201289.02

For:
Tetra Tech GEO
175 N Corporate Drive
Suite 100
Brookfield, Wisconsin 53045

Attn: Mr. Mike Noel



Authorized for release by:
5/24/2013 2:55:32 PM

Sandie Fredrick, Project Manager I
sandie.fredrick@testamericainc.com

LINKS

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results through
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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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Case Narrative

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-56871-1

Job ID: 500-56871-1

Laboratory: TestAmerica Chicago

Narrative

Job Narrative 500-56871-1

Comments

No additional comments.

Receipt

The samples were received on 5/10/2013 10:30 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 2.8° C and 3.1° C.

GC/MS VOA

Method(s) 8260B: The following samples were diluted due to the abundance of target analytes: SB-711 15-16' (500-56871-2), SB-714 15.5-16' (500-56871-4), SB-715 15' (500-56871-5), SB-724 15' (500-56871-16). Elevated reporting limits (RLs) are provided.

Method(s) 8260B: The following analyte recovered outside control limits for the extraction batch LCS associated with batches 186000 and 186001: 1,2,3-Trichloropropane. This analyte is not indicative of a systematic problem and was within the Marginal Exceedance Limits; therefore, the results have been reported and qualified.

No other analytical or quality issues were noted.

GC/MS Semi VOA

Method(s) 8270D: Due to the level of dilution required for the following sample, surrogate recoveries are not reported: SB-724 15' (500-56871-16).

Method(s) 8270D: The following samples were diluted due to the abundance of target and non-target analytes: B-116 0-2' (500-56871-20), B-117 0-2' (500-56871-23), B-117 15' (500-56871-25), MW-804 15' (500-56871-18), MW-805 15' (500-56871-19), SB-711 15-16' (500-56871-2), SB-714 15.5-16' (500-56871-4), SB-715 15' (500-56871-5), SB-719 15' (500-56871-10), SB-723 15 (500-56871-14), SB-724 15' (500-56871-16). Elevated reporting limits (RLs) are provided.

No other 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: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-56871-1

Client Sample ID: SB-706 12-14'

Lab Sample ID: 500-56871-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1-Methylnaphthalene	140		39	19	ug/Kg	1	☼	8270D	Total/NA
2-Methylnaphthalene	91	J	200	51	ug/Kg	1	☼	8270D	Total/NA
Acenaphthene	12	J	39	12	ug/Kg	1	☼	8270D	Total/NA
Chrysene	16	J	39	8.8	ug/Kg	1	☼	8270D	Total/NA
Fluorene	25	J	39	8.9	ug/Kg	1	☼	8270D	Total/NA
Naphthalene	15	J	39	7.5	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	73		39	16	ug/Kg	1	☼	8270D	Total/NA
Pyrene	16	J	39	14	ug/Kg	1	☼	8270D	Total/NA

Client Sample ID: SB-711 15-16'

Lab Sample ID: 500-56871-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	4300		380	40	ug/Kg	100	☼	8260B	Total/NA
1,3,5-Trimethylbenzene	2500		380	39	ug/Kg	100	☼	8260B	Total/NA
Benzene	830		47	14	ug/Kg	100	☼	8260B	Total/NA
Ethylbenzene	2100		47	24	ug/Kg	100	☼	8260B	Total/NA
Isopropylbenzene	910		380	47	ug/Kg	100	☼	8260B	Total/NA
N-Propylbenzene	230	J	380	33	ug/Kg	100	☼	8260B	Total/NA
p-Isopropyltoluene	220	J	380	35	ug/Kg	100	☼	8260B	Total/NA
Toluene	84		47	22	ug/Kg	100	☼	8260B	Total/NA
Xylenes, Total	5900		94	13	ug/Kg	100	☼	8260B	Total/NA
Naphthalene - DL	120000		3800	930	ug/Kg	1000	☼	8260B	Total/NA
Acenaphthylene	61		41	9.4	ug/Kg	1	☼	8270D	Total/NA
Anthracene	160		41	9.7	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene	27	J	41	8.6	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	12	J	41	7.5	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	18	J	41	8.0	ug/Kg	1	☼	8270D	Total/NA
Chrysene	35	J	41	9.3	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	150		41	17	ug/Kg	1	☼	8270D	Total/NA
Fluorene	950		41	9.3	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	290		41	17	ug/Kg	1	☼	8270D	Total/NA
Pyrene	100		41	15	ug/Kg	1	☼	8270D	Total/NA
1-Methylnaphthalene - DL	9200		1000	510	ug/Kg	25	☼	8270D	Total/NA
2-Methylnaphthalene - DL	12000		5200	1300	ug/Kg	25	☼	8270D	Total/NA
Acenaphthene - DL	6600		1000	310	ug/Kg	25	☼	8270D	Total/NA
Naphthalene - DL	56000		1000	200	ug/Kg	25	☼	8270D	Total/NA

Client Sample ID: SB-713 19-20'

Lab Sample ID: 500-56871-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	230		220	23	ug/Kg	50	☼	8260B	Total/NA
1,3,5-Trimethylbenzene	140	J	220	23	ug/Kg	50	☼	8260B	Total/NA
Ethylbenzene	460		27	14	ug/Kg	50	☼	8260B	Total/NA
Isopropylbenzene	200	J	220	28	ug/Kg	50	☼	8260B	Total/NA
Xylenes, Total	99		55	7.5	ug/Kg	50	☼	8260B	Total/NA
Naphthalene - DL	43000		2200	540	ug/Kg	500	☼	8260B	Total/NA
1-Methylnaphthalene	130		38	19	ug/Kg	1	☼	8270D	Total/NA
Acenaphthene	680		38	12	ug/Kg	1	☼	8270D	Total/NA
Acenaphthylene	17	J	38	8.9	ug/Kg	1	☼	8270D	Total/NA
Anthracene	480		38	9.1	ug/Kg	1	☼	8270D	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Chicago

Detection Summary

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-56871-1

Client Sample ID: SB-713 19-20' (Continued)

Lab Sample ID: 500-56871-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	530		38	8.1	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	340		38	7.1	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	450		38	7.5	ug/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	240		38	13	ug/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	180		38	9.2	ug/Kg	1	☼	8270D	Total/NA
Chrysene	440		38	8.7	ug/Kg	1	☼	8270D	Total/NA
Dibenz(a,h)anthracene	92		38	11	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	2200		38	16	ug/Kg	1	☼	8270D	Total/NA
Fluorene	580		38	8.8	ug/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	200		38	13	ug/Kg	1	☼	8270D	Total/NA
Naphthalene	170		38	7.5	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	2700		38	16	ug/Kg	1	☼	8270D	Total/NA
Pyrene	1400		38	14	ug/Kg	1	☼	8270D	Total/NA

Client Sample ID: SB-714 15.5-16'

Lab Sample ID: 500-56871-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	2400		380	40	ug/Kg	100	☼	8260B	Total/NA
1,3,5-Trimethylbenzene	1200		380	39	ug/Kg	100	☼	8260B	Total/NA
Benzene	140		47	14	ug/Kg	100	☼	8260B	Total/NA
Ethylbenzene	2200		47	24	ug/Kg	100	☼	8260B	Total/NA
Isopropylbenzene	640		380	48	ug/Kg	100	☼	8260B	Total/NA
N-Propylbenzene	140	J	380	33	ug/Kg	100	☼	8260B	Total/NA
p-Isopropyltoluene	150	J	380	35	ug/Kg	100	☼	8260B	Total/NA
Xylenes, Total	750		95	13	ug/Kg	100	☼	8260B	Total/NA
Naphthalene - DL	90000		3800	940	ug/Kg	1000	☼	8260B	Total/NA
1-Methylnaphthalene	3000		37	19	ug/Kg	1	☼	8270D	Total/NA
Acenaphthene	1500		37	11	ug/Kg	1	☼	8270D	Total/NA
Anthracene	110		37	8.8	ug/Kg	1	☼	8270D	Total/NA
Chrysene	11	J	37	8.5	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	52		37	15	ug/Kg	1	☼	8270D	Total/NA
Fluorene	810		37	8.5	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	880		37	16	ug/Kg	1	☼	8270D	Total/NA
Pyrene	30	J	37	14	ug/Kg	1	☼	8270D	Total/NA
2-Methylnaphthalene - DL	5400		1900	490	ug/Kg	10	☼	8270D	Total/NA
Naphthalene - DL	20000		370	72	ug/Kg	10	☼	8270D	Total/NA

Client Sample ID: SB-715 15'

Lab Sample ID: 500-56871-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	1200		750	79	ug/Kg	200	☼	8260B	Total/NA
1,3,5-Trimethylbenzene	620	J	750	77	ug/Kg	200	☼	8260B	Total/NA
Ethylbenzene	1400		93	47	ug/Kg	200	☼	8260B	Total/NA
Isopropylbenzene	650	J	750	94	ug/Kg	200	☼	8260B	Total/NA
Xylenes, Total	640		190	26	ug/Kg	200	☼	8260B	Total/NA
Naphthalene - DL	320000		7500	1800	ug/Kg	2000	☼	8260B	Total/NA
Acenaphthylene	120		39	9.1	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene	210		39	8.3	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	82		39	7.2	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	110		39	7.7	ug/Kg	1	☼	8270D	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Chicago

Detection Summary

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-56871-1

Client Sample ID: SB-715 15' (Continued)

Lab Sample ID: 500-56871-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[g,h,i]perylene	49		39	13	ug/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	55		39	9.4	ug/Kg	1	☼	8270D	Total/NA
Chrysene	160		39	8.9	ug/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	43		39	13	ug/Kg	1	☼	8270D	Total/NA
Pyrene	2800		39	14	ug/Kg	1	☼	8270D	Total/NA
1-Methylnaphthalene - DL	14000		2000	980	ug/Kg	50	☼	8270D	Total/NA
2-Methylnaphthalene - DL	15000		10000	2600	ug/Kg	50	☼	8270D	Total/NA
Acenaphthene - DL	14000		2000	590	ug/Kg	50	☼	8270D	Total/NA
Anthracene - DL	3400		2000	470	ug/Kg	50	☼	8270D	Total/NA
Fluoranthene - DL	6100		2000	810	ug/Kg	50	☼	8270D	Total/NA
Fluorene - DL	12000		2000	450	ug/Kg	50	☼	8270D	Total/NA
Naphthalene - DL	55000		2000	380	ug/Kg	50	☼	8270D	Total/NA
Phenanthrene - DL	35000		2000	830	ug/Kg	50	☼	8270D	Total/NA

Client Sample ID: SB-716 15'

Lab Sample ID: 500-56871-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	190		190	47	ug/Kg	50	☼	8260B	Total/NA
Chrysene	14	J	39	8.9	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	17	J	39	16	ug/Kg	1	☼	8270D	Total/NA

Client Sample ID: SB-715 18'

Lab Sample ID: 500-56871-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	39		23	11	ug/Kg	50	☼	8260B	Total/NA
Chrysene	14	J	38	8.7	ug/Kg	1	☼	8270D	Total/NA
Fluorene	9.5	J	38	8.8	ug/Kg	1	☼	8270D	Total/NA
Naphthalene	50		38	7.4	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	32	J	38	16	ug/Kg	1	☼	8270D	Total/NA

Client Sample ID: SB-717 15'

Lab Sample ID: 500-56871-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	7.8	J	38	7.4	ug/Kg	1	☼	8270D	Total/NA

Client Sample ID: SB-718 15'

Lab Sample ID: 500-56871-9

No Detections.

Client Sample ID: SB-719 15'

Lab Sample ID: 500-56871-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	110	J	190	20	ug/Kg	50	☼	8260B	Total/NA
Benzene	100		24	7.0	ug/Kg	50	☼	8260B	Total/NA
Ethylbenzene	590		24	12	ug/Kg	50	☼	8260B	Total/NA
Isopropylbenzene	77	J	190	24	ug/Kg	50	☼	8260B	Total/NA
Naphthalene	1500		190	47	ug/Kg	50	☼	8260B	Total/NA
Xylenes, Total	250		47	6.5	ug/Kg	50	☼	8260B	Total/NA
1-Methylnaphthalene	2300		38	19	ug/Kg	1	☼	8270D	Total/NA
2-Methylnaphthalene	460		190	49	ug/Kg	1	☼	8270D	Total/NA
Acenaphthene	2800		38	11	ug/Kg	1	☼	8270D	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Chicago

Detection Summary

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-56871-1

Client Sample ID: SB-719 15' (Continued)

Lab Sample ID: 500-56871-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthylene	32	J	38	8.7	ug/Kg	1	☼	8270D	Total/NA
Anthracene	130		38	8.9	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	77		38	15	ug/Kg	1	☼	8270D	Total/NA
Fluorene	2000		38	8.6	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	1700		38	16	ug/Kg	1	☼	8270D	Total/NA
Pyrene	43		38	14	ug/Kg	1	☼	8270D	Total/NA
Naphthalene - DL	16000		380	73	ug/Kg	10	☼	8270D	Total/NA

Client Sample ID: SB-720 15'

Lab Sample ID: 500-56871-11

No Detections.

Client Sample ID: SB-721 15'

Lab Sample ID: 500-56871-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	17	J	40	7.7	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	25	J	40	17	ug/Kg	1	☼	8270D	Total/NA

Client Sample ID: SB-722 15'

Lab Sample ID: 500-56871-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	35		25	11	ug/Kg	50	☼	8260B	Total/NA
Anthracene	16	J	39	9.3	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene	8.9	J	39	8.3	ug/Kg	1	☼	8270D	Total/NA
Chrysene	20	J	39	8.9	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	23	J	39	16	ug/Kg	1	☼	8270D	Total/NA
Naphthalene	12	J	39	7.6	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	34	J	39	17	ug/Kg	1	☼	8270D	Total/NA
Pyrene	22	J	39	14	ug/Kg	1	☼	8270D	Total/NA

Client Sample ID: SB-723 15'

Lab Sample ID: 500-56871-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,3,5-Trimethylbenzene	73	J	190	20	ug/Kg	50	☼	8260B	Total/NA
Ethylbenzene	30		24	12	ug/Kg	50	☼	8260B	Total/NA
Isopropylbenzene	87	J	190	24	ug/Kg	50	☼	8260B	Total/NA
Naphthalene - DL	53000		1900	470	ug/Kg	500	☼	8260B	Total/NA
1-Methylnaphthalene	4100		190	96	ug/Kg	5	☼	8270D	Total/NA
Acenaphthene	12000		190	58	ug/Kg	5	☼	8270D	Total/NA
Benzo[a]anthracene	8600		190	40	ug/Kg	5	☼	8270D	Total/NA
Benzo[a]pyrene	2900		190	35	ug/Kg	5	☼	8270D	Total/NA
Benzo[b]fluoranthene	4300		190	37	ug/Kg	5	☼	8270D	Total/NA
Benzo[g,h,i]perylene	1400		190	65	ug/Kg	5	☼	8270D	Total/NA
Benzo[k]fluoranthene	1900		190	46	ug/Kg	5	☼	8270D	Total/NA
Chrysene	7700		190	43	ug/Kg	5	☼	8270D	Total/NA
Dibenz(a,h)anthracene	560		190	54	ug/Kg	5	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	1300		190	65	ug/Kg	5	☼	8270D	Total/NA
Naphthalene	2700		190	37	ug/Kg	5	☼	8270D	Total/NA
Anthracene - DL	21000		1900	450	ug/Kg	50	☼	8270D	Total/NA
Fluoranthene - DL	58000		1900	790	ug/Kg	50	☼	8270D	Total/NA
Fluorene - DL	22000		1900	440	ug/Kg	50	☼	8270D	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Chicago

Detection Summary

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-56871-1

Client Sample ID: SB-723 15 (Continued)

Lab Sample ID: 500-56871-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Phenanthrene - DL	92000		1900	810	ug/Kg	50	☼	8270D	Total/NA
Pyrene - DL	40000		1900	700	ug/Kg	50	☼	8270D	Total/NA

Client Sample ID: SB-723 18'

Lab Sample ID: 500-56871-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	78		24	11	ug/Kg	50	☼	8260B	Total/NA
Xylenes, Total	58		49	6.7	ug/Kg	50	☼	8260B	Total/NA

Client Sample ID: SB-724 15'

Lab Sample ID: 500-56871-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	2100		730	76	ug/Kg	200	☼	8260B	Total/NA
1,3,5-Trimethylbenzene	980		730	75	ug/Kg	200	☼	8260B	Total/NA
Benzene	7200		91	27	ug/Kg	200	☼	8260B	Total/NA
Ethylbenzene	840		91	46	ug/Kg	200	☼	8260B	Total/NA
Isopropylbenzene	180	J	730	91	ug/Kg	200	☼	8260B	Total/NA
Toluene	2600		91	42	ug/Kg	200	☼	8260B	Total/NA
Xylenes, Total	5500		180	25	ug/Kg	200	☼	8260B	Total/NA
Naphthalene - DL	280000		7300	1800	ug/Kg	2000	☼	8260B	Total/NA
1-Methylnaphthalene	330000		14000	7000	ug/Kg	100	☼	8270D	Total/NA
2-Methylnaphthalene	440000		71000	18000	ug/Kg	100	☼	8270D	Total/NA
Acenaphthene	360000		14000	4200	ug/Kg	100	☼	8270D	Total/NA
Acenaphthylene	140000		14000	3200	ug/Kg	100	☼	8270D	Total/NA
Benzo[a]anthracene	680000		14000	3000	ug/Kg	100	☼	8270D	Total/NA
Benzo[a]pyrene	420000		14000	2600	ug/Kg	100	☼	8270D	Total/NA
Benzo[b]fluoranthene	480000		14000	2700	ug/Kg	100	☼	8270D	Total/NA
Benzo[g,h,i]perylene	300000		14000	4800	ug/Kg	100	☼	8270D	Total/NA
Benzo[k]fluoranthene	230000		14000	3400	ug/Kg	100	☼	8270D	Total/NA
Chrysene	640000		14000	3200	ug/Kg	100	☼	8270D	Total/NA
Dibenz(a,h)anthracene	99000		14000	3900	ug/Kg	100	☼	8270D	Total/NA
Fluorene	780000		14000	3200	ug/Kg	100	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	250000		14000	4800	ug/Kg	100	☼	8270D	Total/NA
Anthracene - DL	1900000		70000	17000	ug/Kg	500	☼	8270D	Total/NA
Fluoranthene - DL	2100000		70000	29000	ug/Kg	500	☼	8270D	Total/NA
Naphthalene - DL	1900000		70000	14000	ug/Kg	500	☼	8270D	Total/NA
Phenanthrene - DL	3100000		70000	29000	ug/Kg	500	☼	8270D	Total/NA
Pyrene - DL	1600000		70000	25000	ug/Kg	500	☼	8270D	Total/NA

Client Sample ID: SB-727 15'

Lab Sample ID: 500-56871-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	22		22	10	ug/Kg	50	☼	8260B	Total/NA

Client Sample ID: MW-804 15'

Lab Sample ID: 500-56871-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	330		220	23	ug/Kg	50	☼	8260B	Total/NA
Ethylbenzene	77		27	14	ug/Kg	50	☼	8260B	Total/NA
Naphthalene	1000		220	54	ug/Kg	50	☼	8260B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Chicago

Detection Summary

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-56871-1

Client Sample ID: MW-804 15' (Continued)

Lab Sample ID: 500-56871-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Xylenes, Total	230		55	7.5	ug/Kg	50	☼	8260B	Total/NA
1-Methylnaphthalene	2300		40	20	ug/Kg	1	☼	8270D	Total/NA
2-Methylnaphthalene	1700		200	52	ug/Kg	1	☼	8270D	Total/NA
Acenaphthene	300		40	12	ug/Kg	1	☼	8270D	Total/NA
Fluorene	19	J	40	9.0	ug/Kg	1	☼	8270D	Total/NA
Pyrene	15	J	40	14	ug/Kg	1	☼	8270D	Total/NA
Naphthalene - DL	7700		200	38	ug/Kg	5	☼	8270D	Total/NA

Client Sample ID: MW-805 15'

Lab Sample ID: 500-56871-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	250		200	21	ug/Kg	50	☼	8260B	Total/NA
Benzene	59		25	7.3	ug/Kg	50	☼	8260B	Total/NA
Ethylbenzene	620		25	12	ug/Kg	50	☼	8260B	Total/NA
Naphthalene	17000		200	49	ug/Kg	50	☼	8260B	Total/NA
Toluene	130		25	11	ug/Kg	50	☼	8260B	Total/NA
Xylenes, Total	1300		49	6.8	ug/Kg	50	☼	8260B	Total/NA
1-Methylnaphthalene	650		39	19	ug/Kg	1	☼	8270D	Total/NA
2-Methylnaphthalene	230		200	51	ug/Kg	1	☼	8270D	Total/NA
Acenaphthene	51		39	12	ug/Kg	1	☼	8270D	Total/NA
Chrysene	12	J	39	8.8	ug/Kg	1	☼	8270D	Total/NA
Fluorene	17	J	39	8.9	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	24	J	39	16	ug/Kg	1	☼	8270D	Total/NA
Pyrene	16	J	39	14	ug/Kg	1	☼	8270D	Total/NA
Naphthalene - DL	27000		970	190	ug/Kg	25	☼	8270D	Total/NA

Client Sample ID: B-116 0-2'

Lab Sample ID: 500-56871-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	5100		180	43	ug/Kg	50	☼	8260B	Total/NA
1-Methylnaphthalene	350		37	19	ug/Kg	1	☼	8270D	Total/NA
2-Methylnaphthalene	140	J	190	49	ug/Kg	1	☼	8270D	Total/NA
Acenaphthene	880		37	11	ug/Kg	1	☼	8270D	Total/NA
Acenaphthylene	710		37	8.6	ug/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	1500		37	8.9	ug/Kg	1	☼	8270D	Total/NA
Dibenz[a,h]anthracene	1500		37	10	ug/Kg	1	☼	8270D	Total/NA
Fluorene	1700		37	8.5	ug/Kg	1	☼	8270D	Total/NA
Naphthalene	910		37	7.2	ug/Kg	1	☼	8270D	Total/NA
Anthracene - DL	4700		190	44	ug/Kg	5	☼	8270D	Total/NA
Benzo[a]anthracene - DL	6300		190	39	ug/Kg	5	☼	8270D	Total/NA
Benzo[a]pyrene - DL	5800		190	34	ug/Kg	5	☼	8270D	Total/NA
Benzo[b]fluoranthene - DL	7000		190	36	ug/Kg	5	☼	8270D	Total/NA
Benzo[g,h,i]perylene - DL	4800		190	63	ug/Kg	5	☼	8270D	Total/NA
Chrysene - DL	6300		190	42	ug/Kg	5	☼	8270D	Total/NA
Fluoranthene - DL	11000		190	77	ug/Kg	5	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene - DL	3900		190	63	ug/Kg	5	☼	8270D	Total/NA
Phenanthrene - DL	7600		190	78	ug/Kg	5	☼	8270D	Total/NA
Pyrene - DL	11000		190	68	ug/Kg	5	☼	8270D	Total/NA

Client Sample ID: B-116 10-12'

Lab Sample ID: 500-56871-21

This Detection Summary does not include radiochemical test results.

TestAmerica Chicago

Detection Summary

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-56871-1

Client Sample ID: B-116 10-12' (Continued)

Lab Sample ID: 500-56871-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	170	J	200	49	ug/Kg	50	☼	8260B	Total/NA
Acenaphthene	17	J	38	11	ug/Kg	1	☼	8270D	Total/NA
Anthracene	66		38	9.0	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene	22	J	38	8.0	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	14	J	38	6.9	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	15	J	38	7.4	ug/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	9.5	J	38	9.1	ug/Kg	1	☼	8270D	Total/NA
Chrysene	25	J	38	8.6	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	68		38	16	ug/Kg	1	☼	8270D	Total/NA
Fluorene	29	J	38	8.7	ug/Kg	1	☼	8270D	Total/NA
Naphthalene	270		38	7.3	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	110		38	16	ug/Kg	1	☼	8270D	Total/NA
Pyrene	49		38	14	ug/Kg	1	☼	8270D	Total/NA

Client Sample ID: B-116 15'

Lab Sample ID: 500-56871-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chrysene	9.3	J	38	8.6	ug/Kg	1	☼	8270D	Total/NA
Naphthalene	8.9	J	38	7.4	ug/Kg	1	☼	8270D	Total/NA

Client Sample ID: B-117 0-2'

Lab Sample ID: 500-56871-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1-Methylnaphthalene	38		36	18	ug/Kg	1	☼	8270D	Total/NA
Acenaphthene	110		36	11	ug/Kg	1	☼	8270D	Total/NA
Acenaphthylene	450		36	8.2	ug/Kg	1	☼	8270D	Total/NA
Anthracene	990		36	8.4	ug/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	2600		36	12	ug/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	1300		36	8.5	ug/Kg	1	☼	8270D	Total/NA
Dibenz(a,h)anthracene	890		36	10	ug/Kg	1	☼	8270D	Total/NA
Fluorene	150		36	8.1	ug/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	2200		36	12	ug/Kg	1	☼	8270D	Total/NA
Naphthalene	180		36	6.9	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	1600		36	15	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene - DL	4400		180	37	ug/Kg	5	☼	8270D	Total/NA
Benzo[a]pyrene - DL	4600		180	33	ug/Kg	5	☼	8270D	Total/NA
Benzo[b]fluoranthene - DL	5300		180	35	ug/Kg	5	☼	8270D	Total/NA
Chrysene - DL	4300		180	40	ug/Kg	5	☼	8270D	Total/NA
Fluoranthene - DL	6500		180	73	ug/Kg	5	☼	8270D	Total/NA
Pyrene - DL	6100		180	65	ug/Kg	5	☼	8270D	Total/NA

Client Sample ID: B-117 10-12'

Lab Sample ID: 500-56871-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	23	J	38	12	ug/Kg	1	☼	8270D	Total/NA
Acenaphthylene	25	J	38	8.8	ug/Kg	1	☼	8270D	Total/NA
Anthracene	130		38	9.1	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene	440		38	8.1	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	420		38	7.0	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	530		38	7.5	ug/Kg	1	☼	8270D	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Chicago

Detection Summary

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-56871-1

Client Sample ID: B-117 10-12' (Continued)

Lab Sample ID: 500-56871-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[g,h,i]perylene	300		38	13	ug/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	240		38	9.2	ug/Kg	1	☼	8270D	Total/NA
Chrysene	480		38	8.7	ug/Kg	1	☼	8270D	Total/NA
Dibenz(a,h)anthracene	120		38	11	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	1100		38	16	ug/Kg	1	☼	8270D	Total/NA
Fluorene	53		38	8.8	ug/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	250		38	13	ug/Kg	1	☼	8270D	Total/NA
Naphthalene	13	J	38	7.4	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	300		38	16	ug/Kg	1	☼	8270D	Total/NA
Pyrene	780		38	14	ug/Kg	1	☼	8270D	Total/NA

Client Sample ID: B-117 15'

Lab Sample ID: 500-56871-25

No Detections.

Client Sample ID: Trip Blank

Lab Sample ID: 500-56871-26

No Detections.

This Detection Summary does not include radiochemical test results.

TestAmerica Chicago

Method Summary

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-56871-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL CHI
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL CHI
Moisture	Percent Moisture	EPA	TAL CHI

Protocol References:

EPA = US Environmental Protection Agency

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

Laboratory References:

TAL CHI = TestAmerica Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200



Sample Summary

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-56871-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-56871-1	SB-706 12-14'	Solid	05/06/13 13:45	05/10/13 10:30
500-56871-2	SB-711 15-16'	Solid	05/07/13 07:55	05/10/13 10:30
500-56871-3	SB-713 19-20'	Solid	05/07/13 09:10	05/10/13 10:30
500-56871-4	SB-714 15.5-16'	Solid	05/07/13 09:50	05/10/13 10:30
500-56871-5	SB-715 15'	Solid	05/07/13 10:20	05/10/13 10:30
500-56871-6	SB-716 15'	Solid	05/07/13 10:50	05/10/13 10:30
500-56871-7	SB-715 18'	Solid	05/07/13 10:25	05/10/13 10:30
500-56871-8	SB-717 15'	Solid	05/07/13 11:30	05/10/13 10:30
500-56871-9	SB-718 15'	Solid	05/07/13 12:25	05/10/13 10:30
500-56871-10	SB-719 15'	Solid	05/07/13 13:10	05/10/13 10:30
500-56871-11	SB-720 15'	Solid	05/07/13 13:50	05/10/13 10:30
500-56871-12	SB-721 15'	Solid	05/07/13 14:30	05/10/13 10:30
500-56871-13	SB-722 15'	Solid	05/07/13 15:20	05/10/13 10:30
500-56871-14	SB-723 15'	Solid	05/07/13 15:50	05/10/13 10:30
500-56871-15	SB-723 18'	Solid	05/07/13 16:05	05/10/13 10:30
500-56871-16	SB-724 15'	Solid	05/07/13 17:05	05/10/13 10:30
500-56871-17	SB-727 15'	Solid	05/08/13 09:10	05/10/13 10:30
500-56871-18	MW-804 15'	Solid	05/09/13 07:45	05/10/13 10:30
500-56871-19	MW-805 15'	Solid	05/09/13 09:20	05/10/13 10:30
500-56871-20	B-116 0-2'	Solid	05/09/13 11:50	05/10/13 10:30
500-56871-21	B-116 10-12'	Solid	05/09/13 12:00	05/10/13 10:30
500-56871-22	B-116 15'	Solid	05/09/13 12:05	05/10/13 10:30
500-56871-23	B-117 0-2'	Solid	05/09/13 12:10	05/10/13 10:30
500-56871-24	B-117 10-12'	Solid	05/09/13 12:20	05/10/13 10:30
500-56871-25	B-117 15'	Solid	05/09/13 12:25	05/10/13 10:30
500-56871-26	Trip Blank	Solid	05/09/13 00:00	05/10/13 10:30

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-56871-1

Client Sample ID: SB-706 12-14'

Lab Sample ID: 500-56871-1

Date Collected: 05/06/13 13:45

Matrix: Solid

Date Received: 05/10/13 10:30

Percent Solids: 83.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<33		190	33	ug/Kg	☼	05/06/13 11:45	05/16/13 00:22	50
1,1,1-Trichloroethane	<19		96	19	ug/Kg	☼	05/06/13 11:45	05/16/13 00:22	50
1,1,2,2-Tetrachloroethane	<22		96	22	ug/Kg	☼	05/06/13 11:45	05/16/13 00:22	50
1,1,2-Trichloroethane	<27		96	27	ug/Kg	☼	05/06/13 11:45	05/16/13 00:22	50
1,1-Dichloroethane	<18		96	18	ug/Kg	☼	05/06/13 11:45	05/16/13 00:22	50
1,1-Dichloroethene	<29		96	29	ug/Kg	☼	05/06/13 11:45	05/16/13 00:22	50
1,1-Dichloropropene	<33		96	33	ug/Kg	☼	05/06/13 11:45	05/16/13 00:22	50
1,2,3-Trichlorobenzene	<34		190	34	ug/Kg	☼	05/06/13 11:45	05/16/13 00:22	50
1,2,3-Trichloropropane	<55 *		190	55	ug/Kg	☼	05/06/13 11:45	05/16/13 00:22	50
1,2,4-Trichlorobenzene	<36		190	36	ug/Kg	☼	05/06/13 11:45	05/16/13 00:22	50
1,2,4-Trimethylbenzene	<20		190	20	ug/Kg	☼	05/06/13 11:45	05/16/13 00:22	50
1,2-Dibromo-3-Chloropropane	<84		190	84	ug/Kg	☼	05/06/13 11:45	05/16/13 00:22	50
1,2-Dibromoethane	<30		190	30	ug/Kg	☼	05/06/13 11:45	05/16/13 00:22	50
1,2-Dichlorobenzene	<20		190	20	ug/Kg	☼	05/06/13 11:45	05/16/13 00:22	50
1,2-Dichloroethane	<27		96	27	ug/Kg	☼	05/06/13 11:45	05/16/13 00:22	50
1,2-Dichloropropane	<19		96	19	ug/Kg	☼	05/06/13 11:45	05/16/13 00:22	50
1,3,5-Trimethylbenzene	<20		190	20	ug/Kg	☼	05/06/13 11:45	05/16/13 00:22	50
1,3-Dichlorobenzene	<25		190	25	ug/Kg	☼	05/06/13 11:45	05/16/13 00:22	50
1,3-Dichloropropane	<13		96	13	ug/Kg	☼	05/06/13 11:45	05/16/13 00:22	50
1,4-Dichlorobenzene	<17		190	17	ug/Kg	☼	05/06/13 11:45	05/16/13 00:22	50
2,2-Dichloropropane	<30		96	30	ug/Kg	☼	05/06/13 11:45	05/16/13 00:22	50
2-Chlorotoluene	<20		96	20	ug/Kg	☼	05/06/13 11:45	05/16/13 00:22	50
4-Chlorotoluene	<19		96	19	ug/Kg	☼	05/06/13 11:45	05/16/13 00:22	50
Benzene	<7.1		24	7.1	ug/Kg	☼	05/06/13 11:45	05/16/13 00:22	50
Bromobenzene	<41		190	41	ug/Kg	☼	05/06/13 11:45	05/16/13 00:22	50
Bromochloromethane	<36		190	36	ug/Kg	☼	05/06/13 11:45	05/16/13 00:22	50
Bromodichloromethane	<32		190	32	ug/Kg	☼	05/06/13 11:45	05/16/13 00:22	50
Bromoform	<42		190	42	ug/Kg	☼	05/06/13 11:45	05/16/13 00:22	50
Bromomethane	<65		190	65	ug/Kg	☼	05/06/13 11:45	05/16/13 00:22	50
Carbon tetrachloride	<25		96	25	ug/Kg	☼	05/06/13 11:45	05/16/13 00:22	50
Chlorobenzene	<14		96	14	ug/Kg	☼	05/06/13 11:45	05/16/13 00:22	50
Chloroethane	<42		190	42	ug/Kg	☼	05/06/13 11:45	05/16/13 00:22	50
Chloroform	<20		96	20	ug/Kg	☼	05/06/13 11:45	05/16/13 00:22	50
Chloromethane	<44		190	44	ug/Kg	☼	05/06/13 11:45	05/16/13 00:22	50
cis-1,2-Dichloroethene	<12		96	12	ug/Kg	☼	05/06/13 11:45	05/16/13 00:22	50
cis-1,3-Dichloropropene	<17		96	17	ug/Kg	☼	05/06/13 11:45	05/16/13 00:22	50
Dibromochloromethane	<33		190	33	ug/Kg	☼	05/06/13 11:45	05/16/13 00:22	50
Dibromomethane	<46		190	46	ug/Kg	☼	05/06/13 11:45	05/16/13 00:22	50
Dichlorodifluoromethane	<49		190	49	ug/Kg	☼	05/06/13 11:45	05/16/13 00:22	50
Ethylbenzene	<12		24	12	ug/Kg	☼	05/06/13 11:45	05/16/13 00:22	50
Hexachlorobutadiene	<33		190	33	ug/Kg	☼	05/06/13 11:45	05/16/13 00:22	50
Isopropyl ether	<14		190	14	ug/Kg	☼	05/06/13 11:45	05/16/13 00:22	50
Isopropylbenzene	<24		190	24	ug/Kg	☼	05/06/13 11:45	05/16/13 00:22	50
Methyl tert-butyl ether	<41		190	41	ug/Kg	☼	05/06/13 11:45	05/16/13 00:22	50
Methylene Chloride	<66		480	66	ug/Kg	☼	05/06/13 11:45	05/16/13 00:22	50
Naphthalene	<47		190	47	ug/Kg	☼	05/06/13 11:45	05/16/13 00:22	50
n-Butylbenzene	<12		96	12	ug/Kg	☼	05/06/13 11:45	05/16/13 00:22	50
N-Propylbenzene	<17		190	17	ug/Kg	☼	05/06/13 11:45	05/16/13 00:22	50
p-Isopropyltoluene	<18		190	18	ug/Kg	☼	05/06/13 11:45	05/16/13 00:22	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-56871-1

Client Sample ID: SB-706 12-14'

Lab Sample ID: 500-56871-1

Date Collected: 05/06/13 13:45

Matrix: Solid

Date Received: 05/10/13 10:30

Percent Solids: 83.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<15		96	15	ug/Kg	☼	05/06/13 11:45	05/16/13 00:22	50
Styrene	<9.5		96	9.5	ug/Kg	☼	05/06/13 11:45	05/16/13 00:22	50
tert-Butylbenzene	<13		96	13	ug/Kg	☼	05/06/13 11:45	05/16/13 00:22	50
Tetrachloroethene	<16		96	16	ug/Kg	☼	05/06/13 11:45	05/16/13 00:22	50
Toluene	<11		24	11	ug/Kg	☼	05/06/13 11:45	05/16/13 00:22	50
trans-1,2-Dichloroethene	<24		96	24	ug/Kg	☼	05/06/13 11:45	05/16/13 00:22	50
trans-1,3-Dichloropropene	<20		96	20	ug/Kg	☼	05/06/13 11:45	05/16/13 00:22	50
Trichloroethene	<18		48	18	ug/Kg	☼	05/06/13 11:45	05/16/13 00:22	50
Trichlorofluoromethane	<40		190	40	ug/Kg	☼	05/06/13 11:45	05/16/13 00:22	50
Vinyl chloride	<10		24	10	ug/Kg	☼	05/06/13 11:45	05/16/13 00:22	50
Xylenes, Total	<6.6		48	6.6	ug/Kg	☼	05/06/13 11:45	05/16/13 00:22	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	90		75 - 125				05/06/13 11:45	05/16/13 00:22	50
4-Bromofluorobenzene (Surr)	106		75 - 120				05/06/13 11:45	05/16/13 00:22	50
Dibromofluoromethane	91		75 - 120				05/06/13 11:45	05/16/13 00:22	50
Toluene-d8 (Surr)	97		75 - 120				05/06/13 11:45	05/16/13 00:22	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	140		39	19	ug/Kg	☼	05/15/13 07:14	05/21/13 12:49	1
2-Methylnaphthalene	91	J	200	51	ug/Kg	☼	05/15/13 07:14	05/21/13 12:49	1
Acenaphthene	12	J	39	12	ug/Kg	☼	05/15/13 07:14	05/21/13 12:49	1
Acenaphthylene	<9.0		39	9.0	ug/Kg	☼	05/15/13 07:14	05/21/13 12:49	1
Anthracene	<9.2		39	9.2	ug/Kg	☼	05/15/13 07:14	05/21/13 12:49	1
Benzo[a]anthracene	<8.2		39	8.2	ug/Kg	☼	05/15/13 07:14	05/21/13 12:49	1
Benzo[a]pyrene	<7.1		39	7.1	ug/Kg	☼	05/15/13 07:14	05/21/13 12:49	1
Benzo[b]fluoranthene	<7.6		39	7.6	ug/Kg	☼	05/15/13 07:14	05/21/13 12:49	1
Benzo[g,h,i]perylene	<13		39	13	ug/Kg	☼	05/15/13 07:14	05/21/13 12:49	1
Benzo[k]fluoranthene	<9.3		39	9.3	ug/Kg	☼	05/15/13 07:14	05/21/13 12:49	1
Chrysene	16	J	39	8.8	ug/Kg	☼	05/15/13 07:14	05/21/13 12:49	1
Dibenz(a,h)anthracene	<11		39	11	ug/Kg	☼	05/15/13 07:14	05/21/13 12:49	1
Fluoranthene	<16		39	16	ug/Kg	☼	05/15/13 07:14	05/21/13 12:49	1
Fluorene	25	J	39	8.9	ug/Kg	☼	05/15/13 07:14	05/21/13 12:49	1
Indeno[1,2,3-cd]pyrene	<13		39	13	ug/Kg	☼	05/15/13 07:14	05/21/13 12:49	1
Naphthalene	15	J	39	7.5	ug/Kg	☼	05/15/13 07:14	05/21/13 12:49	1
Phenanthrene	73		39	16	ug/Kg	☼	05/15/13 07:14	05/21/13 12:49	1
Pyrene	16	J	39	14	ug/Kg	☼	05/15/13 07:14	05/21/13 12:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	52		30 - 119				05/15/13 07:14	05/21/13 12:49	1
Nitrobenzene-d5 (Surr)	45		30 - 115				05/15/13 07:14	05/21/13 12:49	1
Terphenyl-d14 (Surr)	70		36 - 134				05/15/13 07:14	05/21/13 12:49	1

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-56871-1

Client Sample ID: SB-711 15-16'

Lab Sample ID: 500-56871-2

Date Collected: 05/07/13 07:55

Matrix: Solid

Date Received: 05/10/13 10:30

Percent Solids: 79.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<65		380	65	ug/Kg	☼	05/07/13 11:45	05/16/13 00:47	100
1,1,1-Trichloroethane	<38		190	38	ug/Kg	☼	05/07/13 11:45	05/16/13 00:47	100
1,1,2,2-Tetrachloroethane	<44		190	44	ug/Kg	☼	05/07/13 11:45	05/16/13 00:47	100
1,1,2-Trichloroethane	<53		190	53	ug/Kg	☼	05/07/13 11:45	05/16/13 00:47	100
1,1-Dichloroethane	<35		190	35	ug/Kg	☼	05/07/13 11:45	05/16/13 00:47	100
1,1-Dichloroethene	<58		190	58	ug/Kg	☼	05/07/13 11:45	05/16/13 00:47	100
1,1-Dichloropropene	<65		190	65	ug/Kg	☼	05/07/13 11:45	05/16/13 00:47	100
1,2,3-Trichlorobenzene	<66		380	66	ug/Kg	☼	05/07/13 11:45	05/16/13 00:47	100
1,2,3-Trichloropropane	<110	*	380	110	ug/Kg	☼	05/07/13 11:45	05/16/13 00:47	100
1,2,4-Trichlorobenzene	<71		380	71	ug/Kg	☼	05/07/13 11:45	05/16/13 00:47	100
1,2,4-Trimethylbenzene	4300		380	40	ug/Kg	☼	05/07/13 11:45	05/16/13 00:47	100
1,2-Dibromo-3-Chloropropane	<160		380	160	ug/Kg	☼	05/07/13 11:45	05/16/13 00:47	100
1,2-Dibromoethane	<59		380	59	ug/Kg	☼	05/07/13 11:45	05/16/13 00:47	100
1,2-Dichlorobenzene	<39		380	39	ug/Kg	☼	05/07/13 11:45	05/16/13 00:47	100
1,2-Dichloroethane	<54		190	54	ug/Kg	☼	05/07/13 11:45	05/16/13 00:47	100
1,2-Dichloropropane	<37		190	37	ug/Kg	☼	05/07/13 11:45	05/16/13 00:47	100
1,3,5-Trimethylbenzene	2500		380	39	ug/Kg	☼	05/07/13 11:45	05/16/13 00:47	100
1,3-Dichlorobenzene	<48		380	48	ug/Kg	☼	05/07/13 11:45	05/16/13 00:47	100
1,3-Dichloropropane	<25		190	25	ug/Kg	☼	05/07/13 11:45	05/16/13 00:47	100
1,4-Dichlorobenzene	<33		380	33	ug/Kg	☼	05/07/13 11:45	05/16/13 00:47	100
2,2-Dichloropropane	<59		190	59	ug/Kg	☼	05/07/13 11:45	05/16/13 00:47	100
2-Chlorotoluene	<39		190	39	ug/Kg	☼	05/07/13 11:45	05/16/13 00:47	100
4-Chlorotoluene	<37		190	37	ug/Kg	☼	05/07/13 11:45	05/16/13 00:47	100
Benzene	830		47	14	ug/Kg	☼	05/07/13 11:45	05/16/13 00:47	100
Bromobenzene	<80		380	80	ug/Kg	☼	05/07/13 11:45	05/16/13 00:47	100
Bromochloromethane	<71		380	71	ug/Kg	☼	05/07/13 11:45	05/16/13 00:47	100
Bromodichloromethane	<64		380	64	ug/Kg	☼	05/07/13 11:45	05/16/13 00:47	100
Bromoform	<83		380	83	ug/Kg	☼	05/07/13 11:45	05/16/13 00:47	100
Bromomethane	<130		380	130	ug/Kg	☼	05/07/13 11:45	05/16/13 00:47	100
Carbon tetrachloride	<48		190	48	ug/Kg	☼	05/07/13 11:45	05/16/13 00:47	100
Chlorobenzene	<27		190	27	ug/Kg	☼	05/07/13 11:45	05/16/13 00:47	100
Chloroethane	<82		380	82	ug/Kg	☼	05/07/13 11:45	05/16/13 00:47	100
Chloroform	<39		190	39	ug/Kg	☼	05/07/13 11:45	05/16/13 00:47	100
Chloromethane	<87		380	87	ug/Kg	☼	05/07/13 11:45	05/16/13 00:47	100
cis-1,2-Dichloroethene	<23		190	23	ug/Kg	☼	05/07/13 11:45	05/16/13 00:47	100
cis-1,3-Dichloropropene	<34		190	34	ug/Kg	☼	05/07/13 11:45	05/16/13 00:47	100
Dibromochloromethane	<65		380	65	ug/Kg	☼	05/07/13 11:45	05/16/13 00:47	100
Dibromomethane	<90		380	90	ug/Kg	☼	05/07/13 11:45	05/16/13 00:47	100
Dichlorodifluoromethane	<97		380	97	ug/Kg	☼	05/07/13 11:45	05/16/13 00:47	100
Ethylbenzene	2100		47	24	ug/Kg	☼	05/07/13 11:45	05/16/13 00:47	100
Hexachlorobutadiene	<65		380	65	ug/Kg	☼	05/07/13 11:45	05/16/13 00:47	100
Isopropyl ether	<28		380	28	ug/Kg	☼	05/07/13 11:45	05/16/13 00:47	100
Isopropylbenzene	910		380	47	ug/Kg	☼	05/07/13 11:45	05/16/13 00:47	100
Methyl tert-butyl ether	<81		380	81	ug/Kg	☼	05/07/13 11:45	05/16/13 00:47	100
Methylene Chloride	<130		940	130	ug/Kg	☼	05/07/13 11:45	05/16/13 00:47	100
n-Butylbenzene	<24		190	24	ug/Kg	☼	05/07/13 11:45	05/16/13 00:47	100
N-Propylbenzene	230	J	380	33	ug/Kg	☼	05/07/13 11:45	05/16/13 00:47	100
p-Isopropyltoluene	220	J	380	35	ug/Kg	☼	05/07/13 11:45	05/16/13 00:47	100
sec-Butylbenzene	<29		190	29	ug/Kg	☼	05/07/13 11:45	05/16/13 00:47	100

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-56871-1

Client Sample ID: SB-711 15-16'

Lab Sample ID: 500-56871-2

Date Collected: 05/07/13 07:55

Matrix: Solid

Date Received: 05/10/13 10:30

Percent Solids: 79.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	<19		190	19	ug/Kg	☼	05/07/13 11:45	05/16/13 00:47	100
tert-Butylbenzene	<26		190	26	ug/Kg	☼	05/07/13 11:45	05/16/13 00:47	100
Tetrachloroethene	<31		190	31	ug/Kg	☼	05/07/13 11:45	05/16/13 00:47	100
Toluene	84		47	22	ug/Kg	☼	05/07/13 11:45	05/16/13 00:47	100
trans-1,2-Dichloroethene	<47		190	47	ug/Kg	☼	05/07/13 11:45	05/16/13 00:47	100
trans-1,3-Dichloropropene	<39		190	39	ug/Kg	☼	05/07/13 11:45	05/16/13 00:47	100
Trichloroethene	<35		94	35	ug/Kg	☼	05/07/13 11:45	05/16/13 00:47	100
Trichlorofluoromethane	<78		380	78	ug/Kg	☼	05/07/13 11:45	05/16/13 00:47	100
Vinyl chloride	<20		47	20	ug/Kg	☼	05/07/13 11:45	05/16/13 00:47	100
Xylenes, Total	5900		94	13	ug/Kg	☼	05/07/13 11:45	05/16/13 00:47	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		75 - 125	05/07/13 11:45	05/16/13 00:47	100
4-Bromofluorobenzene (Surr)	101		75 - 120	05/07/13 11:45	05/16/13 00:47	100
Dibromofluoromethane	95		75 - 120	05/07/13 11:45	05/16/13 00:47	100
Toluene-d8 (Surr)	91		75 - 120	05/07/13 11:45	05/16/13 00:47	100

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	120000		3800	930	ug/Kg	☼	05/07/13 11:45	05/16/13 01:11	1000

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	92		75 - 125	05/07/13 11:45	05/16/13 01:11	1000
4-Bromofluorobenzene (Surr)	104		75 - 120	05/07/13 11:45	05/16/13 01:11	1000
Dibromofluoromethane	94		75 - 120	05/07/13 11:45	05/16/13 01:11	1000
Toluene-d8 (Surr)	95		75 - 120	05/07/13 11:45	05/16/13 01:11	1000

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthylene	61		41	9.4	ug/Kg	☼	05/15/13 07:14	05/22/13 19:45	1
Anthracene	160		41	9.7	ug/Kg	☼	05/15/13 07:14	05/22/13 19:45	1
Benzo[a]anthracene	27	J	41	8.6	ug/Kg	☼	05/15/13 07:14	05/22/13 19:45	1
Benzo[a]pyrene	12	J	41	7.5	ug/Kg	☼	05/15/13 07:14	05/22/13 19:45	1
Benzo[b]fluoranthene	18	J	41	8.0	ug/Kg	☼	05/15/13 07:14	05/22/13 19:45	1
Benzo[g,h,i]perylene	<14		41	14	ug/Kg	☼	05/15/13 07:14	05/22/13 19:45	1
Benzo[k]fluoranthene	<9.8		41	9.8	ug/Kg	☼	05/15/13 07:14	05/22/13 19:45	1
Chrysene	35	J	41	9.3	ug/Kg	☼	05/15/13 07:14	05/22/13 19:45	1
Dibenz(a,h)anthracene	<11		41	11	ug/Kg	☼	05/15/13 07:14	05/22/13 19:45	1
Fluoranthene	150		41	17	ug/Kg	☼	05/15/13 07:14	05/22/13 19:45	1
Fluorene	950		41	9.3	ug/Kg	☼	05/15/13 07:14	05/22/13 19:45	1
Indeno[1,2,3-cd]pyrene	<14		41	14	ug/Kg	☼	05/15/13 07:14	05/22/13 19:45	1
Phenanthrene	290		41	17	ug/Kg	☼	05/15/13 07:14	05/22/13 19:45	1
Pyrene	100		41	15	ug/Kg	☼	05/15/13 07:14	05/22/13 19:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	75		30 - 119	05/15/13 07:14	05/22/13 19:45	1
Nitrobenzene-d5 (Surr)	100		30 - 115	05/15/13 07:14	05/22/13 19:45	1
Terphenyl-d14 (Surr)	81		36 - 134	05/15/13 07:14	05/22/13 19:45	1

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-56871-1

Client Sample ID: SB-711 15-16'

Lab Sample ID: 500-56871-2

Date Collected: 05/07/13 07:55

Matrix: Solid

Date Received: 05/10/13 10:30

Percent Solids: 79.4

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	9200		1000	510	ug/Kg	☼	05/15/13 07:14	05/23/13 20:00	25
2-Methylnaphthalene	12000		5200	1300	ug/Kg	☼	05/15/13 07:14	05/23/13 20:00	25
Acenaphthene	6600		1000	310	ug/Kg	☼	05/15/13 07:14	05/23/13 20:00	25
Naphthalene	56000		1000	200	ug/Kg	☼	05/15/13 07:14	05/23/13 20:00	25

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-56871-1

Client Sample ID: SB-713 19-20'

Lab Sample ID: 500-56871-3

Date Collected: 05/07/13 09:10

Matrix: Solid

Date Received: 05/10/13 10:30

Percent Solids: 83.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<38		220	38	ug/Kg	☼	05/07/13 11:45	05/16/13 01:36	50
1,1,1-Trichloroethane	<22		110	22	ug/Kg	☼	05/07/13 11:45	05/16/13 01:36	50
1,1,1,2,2-Tetrachloroethane	<26		110	26	ug/Kg	☼	05/07/13 11:45	05/16/13 01:36	50
1,1,1,2-Trichloroethane	<31		110	31	ug/Kg	☼	05/07/13 11:45	05/16/13 01:36	50
1,1-Dichloroethane	<20		110	20	ug/Kg	☼	05/07/13 11:45	05/16/13 01:36	50
1,1-Dichloroethene	<34		110	34	ug/Kg	☼	05/07/13 11:45	05/16/13 01:36	50
1,1-Dichloropropene	<38		110	38	ug/Kg	☼	05/07/13 11:45	05/16/13 01:36	50
1,2,3-Trichlorobenzene	<38		220	38	ug/Kg	☼	05/07/13 11:45	05/16/13 01:36	50
1,2,3-Trichloropropane	<63 *		220	63	ug/Kg	☼	05/07/13 11:45	05/16/13 01:36	50
1,2,4-Trichlorobenzene	<42		220	42	ug/Kg	☼	05/07/13 11:45	05/16/13 01:36	50
1,2,4-Trimethylbenzene	230		220	23	ug/Kg	☼	05/07/13 11:45	05/16/13 01:36	50
1,2-Dibromo-3-Chloropropane	<96		220	96	ug/Kg	☼	05/07/13 11:45	05/16/13 01:36	50
1,2-Dibromoethane	<34		220	34	ug/Kg	☼	05/07/13 11:45	05/16/13 01:36	50
1,2-Dichlorobenzene	<23		220	23	ug/Kg	☼	05/07/13 11:45	05/16/13 01:36	50
1,2-Dichloroethane	<31		110	31	ug/Kg	☼	05/07/13 11:45	05/16/13 01:36	50
1,2-Dichloropropane	<22		110	22	ug/Kg	☼	05/07/13 11:45	05/16/13 01:36	50
1,3,5-Trimethylbenzene	140 J		220	23	ug/Kg	☼	05/07/13 11:45	05/16/13 01:36	50
1,3-Dichlorobenzene	<28		220	28	ug/Kg	☼	05/07/13 11:45	05/16/13 01:36	50
1,3-Dichloropropane	<15		110	15	ug/Kg	☼	05/07/13 11:45	05/16/13 01:36	50
1,4-Dichlorobenzene	<19		220	19	ug/Kg	☼	05/07/13 11:45	05/16/13 01:36	50
2,2-Dichloropropane	<35		110	35	ug/Kg	☼	05/07/13 11:45	05/16/13 01:36	50
2-Chlorotoluene	<23		110	23	ug/Kg	☼	05/07/13 11:45	05/16/13 01:36	50
4-Chlorotoluene	<22		110	22	ug/Kg	☼	05/07/13 11:45	05/16/13 01:36	50
Benzene	<8.2		27	8.2	ug/Kg	☼	05/07/13 11:45	05/16/13 01:36	50
Bromobenzene	<47		220	47	ug/Kg	☼	05/07/13 11:45	05/16/13 01:36	50
Bromochloromethane	<42		220	42	ug/Kg	☼	05/07/13 11:45	05/16/13 01:36	50
Bromodichloromethane	<37		220	37	ug/Kg	☼	05/07/13 11:45	05/16/13 01:36	50
Bromoform	<48		220	48	ug/Kg	☼	05/07/13 11:45	05/16/13 01:36	50
Bromomethane	<75		220	75	ug/Kg	☼	05/07/13 11:45	05/16/13 01:36	50
Carbon tetrachloride	<28		110	28	ug/Kg	☼	05/07/13 11:45	05/16/13 01:36	50
Chlorobenzene	<16		110	16	ug/Kg	☼	05/07/13 11:45	05/16/13 01:36	50
Chloroethane	<48		220	48	ug/Kg	☼	05/07/13 11:45	05/16/13 01:36	50
Chloroform	<23		110	23	ug/Kg	☼	05/07/13 11:45	05/16/13 01:36	50
Chloromethane	<51		220	51	ug/Kg	☼	05/07/13 11:45	05/16/13 01:36	50
cis-1,2-Dichloroethene	<14		110	14	ug/Kg	☼	05/07/13 11:45	05/16/13 01:36	50
cis-1,3-Dichloropropene	<20		110	20	ug/Kg	☼	05/07/13 11:45	05/16/13 01:36	50
Dibromochloromethane	<38		220	38	ug/Kg	☼	05/07/13 11:45	05/16/13 01:36	50
Dibromomethane	<53		220	53	ug/Kg	☼	05/07/13 11:45	05/16/13 01:36	50
Dichlorodifluoromethane	<56		220	56	ug/Kg	☼	05/07/13 11:45	05/16/13 01:36	50
Ethylbenzene	460		27	14	ug/Kg	☼	05/07/13 11:45	05/16/13 01:36	50
Hexachlorobutadiene	<38		220	38	ug/Kg	☼	05/07/13 11:45	05/16/13 01:36	50
Isopropyl ether	<16		220	16	ug/Kg	☼	05/07/13 11:45	05/16/13 01:36	50
Isopropylbenzene	200 J		220	28	ug/Kg	☼	05/07/13 11:45	05/16/13 01:36	50
Methyl tert-butyl ether	<47		220	47	ug/Kg	☼	05/07/13 11:45	05/16/13 01:36	50
Methylene Chloride	<75		550	75	ug/Kg	☼	05/07/13 11:45	05/16/13 01:36	50
n-Butylbenzene	<14		110	14	ug/Kg	☼	05/07/13 11:45	05/16/13 01:36	50
N-Propylbenzene	<19		220	19	ug/Kg	☼	05/07/13 11:45	05/16/13 01:36	50
p-Isopropyltoluene	<20		220	20	ug/Kg	☼	05/07/13 11:45	05/16/13 01:36	50
sec-Butylbenzene	<17		110	17	ug/Kg	☼	05/07/13 11:45	05/16/13 01:36	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-56871-1

Client Sample ID: SB-713 19-20'

Lab Sample ID: 500-56871-3

Date Collected: 05/07/13 09:10

Matrix: Solid

Date Received: 05/10/13 10:30

Percent Solids: 83.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	<11		110	11	ug/Kg	☼	05/07/13 11:45	05/16/13 01:36	50
tert-Butylbenzene	<15		110	15	ug/Kg	☼	05/07/13 11:45	05/16/13 01:36	50
Tetrachloroethene	<18		110	18	ug/Kg	☼	05/07/13 11:45	05/16/13 01:36	50
Toluene	<13		27	13	ug/Kg	☼	05/07/13 11:45	05/16/13 01:36	50
trans-1,2-Dichloroethene	<27		110	27	ug/Kg	☼	05/07/13 11:45	05/16/13 01:36	50
trans-1,3-Dichloropropene	<23		110	23	ug/Kg	☼	05/07/13 11:45	05/16/13 01:36	50
Trichloroethene	<20		55	20	ug/Kg	☼	05/07/13 11:45	05/16/13 01:36	50
Trichlorofluoromethane	<46		220	46	ug/Kg	☼	05/07/13 11:45	05/16/13 01:36	50
Vinyl chloride	<11		27	11	ug/Kg	☼	05/07/13 11:45	05/16/13 01:36	50
Xylenes, Total	99		55	7.5	ug/Kg	☼	05/07/13 11:45	05/16/13 01:36	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94		75 - 125	05/07/13 11:45	05/16/13 01:36	50
4-Bromofluorobenzene (Surr)	103		75 - 120	05/07/13 11:45	05/16/13 01:36	50
Dibromofluoromethane	95		75 - 120	05/07/13 11:45	05/16/13 01:36	50
Toluene-d8 (Surr)	93		75 - 120	05/07/13 11:45	05/16/13 01:36	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	43000		2200	540	ug/Kg	☼	05/07/13 11:45	05/16/13 02:00	500

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	90		75 - 125	05/07/13 11:45	05/16/13 02:00	500
4-Bromofluorobenzene (Surr)	102		75 - 120	05/07/13 11:45	05/16/13 02:00	500
Dibromofluoromethane	93		75 - 120	05/07/13 11:45	05/16/13 02:00	500
Toluene-d8 (Surr)	95		75 - 120	05/07/13 11:45	05/16/13 02:00	500

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	130		38	19	ug/Kg	☼	05/15/13 07:14	05/21/13 13:34	1
2-Methylnaphthalene	<50		190	50	ug/Kg	☼	05/15/13 07:14	05/21/13 13:34	1
Acenaphthene	680		38	12	ug/Kg	☼	05/15/13 07:14	05/21/13 13:34	1
Acenaphthylene	17 J		38	8.9	ug/Kg	☼	05/15/13 07:14	05/21/13 13:34	1
Anthracene	480		38	9.1	ug/Kg	☼	05/15/13 07:14	05/21/13 13:34	1
Benzo[a]anthracene	530		38	8.1	ug/Kg	☼	05/15/13 07:14	05/21/13 13:34	1
Benzo[a]pyrene	340		38	7.1	ug/Kg	☼	05/15/13 07:14	05/21/13 13:34	1
Benzo[b]fluoranthene	450		38	7.5	ug/Kg	☼	05/15/13 07:14	05/21/13 13:34	1
Benzo[g,h,i]perylene	240		38	13	ug/Kg	☼	05/15/13 07:14	05/21/13 13:34	1
Benzo[k]fluoranthene	180		38	9.2	ug/Kg	☼	05/15/13 07:14	05/21/13 13:34	1
Chrysene	440		38	8.7	ug/Kg	☼	05/15/13 07:14	05/21/13 13:34	1
Dibenz(a,h)anthracene	92		38	11	ug/Kg	☼	05/15/13 07:14	05/21/13 13:34	1
Fluoranthene	2200		38	16	ug/Kg	☼	05/15/13 07:14	05/21/13 13:34	1
Fluorene	580		38	8.8	ug/Kg	☼	05/15/13 07:14	05/21/13 13:34	1
Indeno[1,2,3-cd]pyrene	200		38	13	ug/Kg	☼	05/15/13 07:14	05/21/13 13:34	1
Naphthalene	170		38	7.5	ug/Kg	☼	05/15/13 07:14	05/21/13 13:34	1
Phenanthrene	2700		38	16	ug/Kg	☼	05/15/13 07:14	05/21/13 13:34	1
Pyrene	1400		38	14	ug/Kg	☼	05/15/13 07:14	05/21/13 13:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	72		30 - 119	05/15/13 07:14	05/21/13 13:34	1
Nitrobenzene-d5 (Surr)	48		30 - 115	05/15/13 07:14	05/21/13 13:34	1

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-56871-1

Client Sample ID: SB-713 19-20'

Lab Sample ID: 500-56871-3

Date Collected: 05/07/13 09:10

Matrix: Solid

Date Received: 05/10/13 10:30

Percent Solids: 83.8

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>Terphenyl-d14 (Surr)</i>	73		36 - 134	05/15/13 07:14	05/21/13 13:34	1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-56871-1

Client Sample ID: SB-714 15.5-16'

Lab Sample ID: 500-56871-4

Date Collected: 05/07/13 09:50

Matrix: Solid

Date Received: 05/10/13 10:30

Percent Solids: 83.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<65		380	65	ug/Kg	☼	05/07/13 11:45	05/16/13 02:25	100
1,1,1-Trichloroethane	<38		190	38	ug/Kg	☼	05/07/13 11:45	05/16/13 02:25	100
1,1,2,2-Tetrachloroethane	<44		190	44	ug/Kg	☼	05/07/13 11:45	05/16/13 02:25	100
1,1,2-Trichloroethane	<53		190	53	ug/Kg	☼	05/07/13 11:45	05/16/13 02:25	100
1,1-Dichloroethane	<35		190	35	ug/Kg	☼	05/07/13 11:45	05/16/13 02:25	100
1,1-Dichloroethene	<58		190	58	ug/Kg	☼	05/07/13 11:45	05/16/13 02:25	100
1,1-Dichloropropene	<65		190	65	ug/Kg	☼	05/07/13 11:45	05/16/13 02:25	100
1,2,3-Trichlorobenzene	<66		380	66	ug/Kg	☼	05/07/13 11:45	05/16/13 02:25	100
1,2,3-Trichloropropane	<110	*	380	110	ug/Kg	☼	05/07/13 11:45	05/16/13 02:25	100
1,2,4-Trichlorobenzene	<72		380	72	ug/Kg	☼	05/07/13 11:45	05/16/13 02:25	100
1,2,4-Trimethylbenzene	2400		380	40	ug/Kg	☼	05/07/13 11:45	05/16/13 02:25	100
1,2-Dibromo-3-Chloropropane	<160		380	160	ug/Kg	☼	05/07/13 11:45	05/16/13 02:25	100
1,2-Dibromoethane	<59		380	59	ug/Kg	☼	05/07/13 11:45	05/16/13 02:25	100
1,2-Dichlorobenzene	<39		380	39	ug/Kg	☼	05/07/13 11:45	05/16/13 02:25	100
1,2-Dichloroethane	<54		190	54	ug/Kg	☼	05/07/13 11:45	05/16/13 02:25	100
1,2-Dichloropropane	<37		190	37	ug/Kg	☼	05/07/13 11:45	05/16/13 02:25	100
1,3,5-Trimethylbenzene	1200		380	39	ug/Kg	☼	05/07/13 11:45	05/16/13 02:25	100
1,3-Dichlorobenzene	<49		380	49	ug/Kg	☼	05/07/13 11:45	05/16/13 02:25	100
1,3-Dichloropropane	<25		190	25	ug/Kg	☼	05/07/13 11:45	05/16/13 02:25	100
1,4-Dichlorobenzene	<33		380	33	ug/Kg	☼	05/07/13 11:45	05/16/13 02:25	100
2,2-Dichloropropane	<60		190	60	ug/Kg	☼	05/07/13 11:45	05/16/13 02:25	100
2-Chlorotoluene	<39		190	39	ug/Kg	☼	05/07/13 11:45	05/16/13 02:25	100
4-Chlorotoluene	<37		190	37	ug/Kg	☼	05/07/13 11:45	05/16/13 02:25	100
Benzene	140		47	14	ug/Kg	☼	05/07/13 11:45	05/16/13 02:25	100
Bromobenzene	<80		380	80	ug/Kg	☼	05/07/13 11:45	05/16/13 02:25	100
Bromochloromethane	<72		380	72	ug/Kg	☼	05/07/13 11:45	05/16/13 02:25	100
Bromodichloromethane	<64		380	64	ug/Kg	☼	05/07/13 11:45	05/16/13 02:25	100
Bromoform	<83		380	83	ug/Kg	☼	05/07/13 11:45	05/16/13 02:25	100
Bromomethane	<130		380	130	ug/Kg	☼	05/07/13 11:45	05/16/13 02:25	100
Carbon tetrachloride	<49		190	49	ug/Kg	☼	05/07/13 11:45	05/16/13 02:25	100
Chlorobenzene	<27		190	27	ug/Kg	☼	05/07/13 11:45	05/16/13 02:25	100
Chloroethane	<82		380	82	ug/Kg	☼	05/07/13 11:45	05/16/13 02:25	100
Chloroform	<39		190	39	ug/Kg	☼	05/07/13 11:45	05/16/13 02:25	100
Chloromethane	<87		380	87	ug/Kg	☼	05/07/13 11:45	05/16/13 02:25	100
cis-1,2-Dichloroethene	<23		190	23	ug/Kg	☼	05/07/13 11:45	05/16/13 02:25	100
cis-1,3-Dichloropropene	<34		190	34	ug/Kg	☼	05/07/13 11:45	05/16/13 02:25	100
Dibromochloromethane	<65		380	65	ug/Kg	☼	05/07/13 11:45	05/16/13 02:25	100
Dibromomethane	<91		380	91	ug/Kg	☼	05/07/13 11:45	05/16/13 02:25	100
Dichlorodifluoromethane	<97		380	97	ug/Kg	☼	05/07/13 11:45	05/16/13 02:25	100
Ethylbenzene	2200		47	24	ug/Kg	☼	05/07/13 11:45	05/16/13 02:25	100
Hexachlorobutadiene	<65		380	65	ug/Kg	☼	05/07/13 11:45	05/16/13 02:25	100
Isopropyl ether	<28		380	28	ug/Kg	☼	05/07/13 11:45	05/16/13 02:25	100
Isopropylbenzene	640		380	48	ug/Kg	☼	05/07/13 11:45	05/16/13 02:25	100
Methyl tert-butyl ether	<81		380	81	ug/Kg	☼	05/07/13 11:45	05/16/13 02:25	100
Methylene Chloride	<130		950	130	ug/Kg	☼	05/07/13 11:45	05/16/13 02:25	100
n-Butylbenzene	<24		190	24	ug/Kg	☼	05/07/13 11:45	05/16/13 02:25	100
N-Propylbenzene	140	J	380	33	ug/Kg	☼	05/07/13 11:45	05/16/13 02:25	100
p-Isopropyltoluene	150	J	380	35	ug/Kg	☼	05/07/13 11:45	05/16/13 02:25	100
sec-Butylbenzene	<29		190	29	ug/Kg	☼	05/07/13 11:45	05/16/13 02:25	100

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-56871-1

Client Sample ID: SB-714 15.5-16'

Lab Sample ID: 500-56871-4

Date Collected: 05/07/13 09:50

Matrix: Solid

Date Received: 05/10/13 10:30

Percent Solids: 83.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	<19		190	19	ug/Kg	☼	05/07/13 11:45	05/16/13 02:25	100
tert-Butylbenzene	<26		190	26	ug/Kg	☼	05/07/13 11:45	05/16/13 02:25	100
Tetrachloroethene	<32		190	32	ug/Kg	☼	05/07/13 11:45	05/16/13 02:25	100
Toluene	<22		47	22	ug/Kg	☼	05/07/13 11:45	05/16/13 02:25	100
trans-1,2-Dichloroethene	<47		190	47	ug/Kg	☼	05/07/13 11:45	05/16/13 02:25	100
trans-1,3-Dichloropropene	<39		190	39	ug/Kg	☼	05/07/13 11:45	05/16/13 02:25	100
Trichloroethene	<35		95	35	ug/Kg	☼	05/07/13 11:45	05/16/13 02:25	100
Trichlorofluoromethane	<79		380	79	ug/Kg	☼	05/07/13 11:45	05/16/13 02:25	100
Vinyl chloride	<20		47	20	ug/Kg	☼	05/07/13 11:45	05/16/13 02:25	100
Xylenes, Total	750		95	13	ug/Kg	☼	05/07/13 11:45	05/16/13 02:25	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		75 - 125	05/07/13 11:45	05/16/13 02:25	100
4-Bromofluorobenzene (Surr)	102		75 - 120	05/07/13 11:45	05/16/13 02:25	100
Dibromofluoromethane	91		75 - 120	05/07/13 11:45	05/16/13 02:25	100
Toluene-d8 (Surr)	95		75 - 120	05/07/13 11:45	05/16/13 02:25	100

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	9000		3800	940	ug/Kg	☼	05/07/13 11:45	05/16/13 02:49	1000

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		75 - 125	05/07/13 11:45	05/16/13 02:49	1000
4-Bromofluorobenzene (Surr)	103		75 - 120	05/07/13 11:45	05/16/13 02:49	1000
Dibromofluoromethane	90		75 - 120	05/07/13 11:45	05/16/13 02:49	1000
Toluene-d8 (Surr)	95		75 - 120	05/07/13 11:45	05/16/13 02:49	1000

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	3000		37	19	ug/Kg	☼	05/15/13 07:14	05/22/13 20:07	1
Acenaphthene	1500		37	11	ug/Kg	☼	05/15/13 07:14	05/22/13 20:07	1
Acenaphthylene	<8.6		37	8.6	ug/Kg	☼	05/15/13 07:14	05/22/13 20:07	1
Anthracene	110		37	8.8	ug/Kg	☼	05/15/13 07:14	05/22/13 20:07	1
Benzo[a]anthracene	<7.9		37	7.9	ug/Kg	☼	05/15/13 07:14	05/22/13 20:07	1
Benzo[a]pyrene	<6.8		37	6.8	ug/Kg	☼	05/15/13 07:14	05/22/13 20:07	1
Benzo[b]fluoranthene	<7.3		37	7.3	ug/Kg	☼	05/15/13 07:14	05/22/13 20:07	1
Benzo[g,h,i]perylene	<13		37	13	ug/Kg	☼	05/15/13 07:14	05/22/13 20:07	1
Benzo[k]fluoranthene	<9.0		37	9.0	ug/Kg	☼	05/15/13 07:14	05/22/13 20:07	1
Chrysene	11 J		37	8.5	ug/Kg	☼	05/15/13 07:14	05/22/13 20:07	1
Dibenz(a,h)anthracene	<10		37	10	ug/Kg	☼	05/15/13 07:14	05/22/13 20:07	1
Fluoranthene	52		37	15	ug/Kg	☼	05/15/13 07:14	05/22/13 20:07	1
Fluorene	810		37	8.5	ug/Kg	☼	05/15/13 07:14	05/22/13 20:07	1
Indeno[1,2,3-cd]pyrene	<13		37	13	ug/Kg	☼	05/15/13 07:14	05/22/13 20:07	1
Phenanthrene	880		37	16	ug/Kg	☼	05/15/13 07:14	05/22/13 20:07	1
Pyrene	30 J		37	14	ug/Kg	☼	05/15/13 07:14	05/22/13 20:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	34		30 - 119	05/15/13 07:14	05/22/13 20:07	1
Nitrobenzene-d5 (Surr)	36		30 - 115	05/15/13 07:14	05/22/13 20:07	1
Terphenyl-d14 (Surr)	41		36 - 134	05/15/13 07:14	05/22/13 20:07	1

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-56871-1

Client Sample ID: SB-714 15.5-16'

Lab Sample ID: 500-56871-4

Date Collected: 05/07/13 09:50

Matrix: Solid

Date Received: 05/10/13 10:30

Percent Solids: 83.6

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	5400		1900	490	ug/Kg	☼	05/15/13 07:14	05/23/13 20:22	10
Naphthalene	20000		370	72	ug/Kg	☼	05/15/13 07:14	05/23/13 20:22	10

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-56871-1

Client Sample ID: SB-715 15'

Lab Sample ID: 500-56871-5

Date Collected: 05/07/13 10:20

Matrix: Solid

Date Received: 05/10/13 10:30

Percent Solids: 83.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<130		750	130	ug/Kg	☼	05/07/13 11:45	05/16/13 03:14	200
1,1,1-Trichloroethane	<75		370	75	ug/Kg	☼	05/07/13 11:45	05/16/13 03:14	200
1,1,1,2,2-Tetrachloroethane	<87		370	87	ug/Kg	☼	05/07/13 11:45	05/16/13 03:14	200
1,1,2-Trichloroethane	<100		370	100	ug/Kg	☼	05/07/13 11:45	05/16/13 03:14	200
1,1-Dichloroethane	<69		370	69	ug/Kg	☼	05/07/13 11:45	05/16/13 03:14	200
1,1-Dichloroethene	<110		370	110	ug/Kg	☼	05/07/13 11:45	05/16/13 03:14	200
1,1-Dichloropropene	<130		370	130	ug/Kg	☼	05/07/13 11:45	05/16/13 03:14	200
1,2,3-Trichlorobenzene	<130		750	130	ug/Kg	☼	05/07/13 11:45	05/16/13 03:14	200
1,2,3-Trichloropropane	<210 *		750	210	ug/Kg	☼	05/07/13 11:45	05/16/13 03:14	200
1,2,4-Trichlorobenzene	<140		750	140	ug/Kg	☼	05/07/13 11:45	05/16/13 03:14	200
1,2,4-Trimethylbenzene	1200		750	79	ug/Kg	☼	05/07/13 11:45	05/16/13 03:14	200
1,2-Dibromo-3-Chloropropane	<330		750	330	ug/Kg	☼	05/07/13 11:45	05/16/13 03:14	200
1,2-Dibromoethane	<120		750	120	ug/Kg	☼	05/07/13 11:45	05/16/13 03:14	200
1,2-Dichlorobenzene	<77		750	77	ug/Kg	☼	05/07/13 11:45	05/16/13 03:14	200
1,2-Dichloroethane	<110		370	110	ug/Kg	☼	05/07/13 11:45	05/16/13 03:14	200
1,2-Dichloropropane	<73		370	73	ug/Kg	☼	05/07/13 11:45	05/16/13 03:14	200
1,3,5-Trimethylbenzene	620 J		750	77	ug/Kg	☼	05/07/13 11:45	05/16/13 03:14	200
1,3-Dichlorobenzene	<96		750	96	ug/Kg	☼	05/07/13 11:45	05/16/13 03:14	200
1,3-Dichloropropane	<50		370	50	ug/Kg	☼	05/07/13 11:45	05/16/13 03:14	200
1,4-Dichlorobenzene	<65		750	65	ug/Kg	☼	05/07/13 11:45	05/16/13 03:14	200
2,2-Dichloropropane	<120		370	120	ug/Kg	☼	05/07/13 11:45	05/16/13 03:14	200
2-Chlorotoluene	<77		370	77	ug/Kg	☼	05/07/13 11:45	05/16/13 03:14	200
4-Chlorotoluene	<74		370	74	ug/Kg	☼	05/07/13 11:45	05/16/13 03:14	200
Benzene	<28		93	28	ug/Kg	☼	05/07/13 11:45	05/16/13 03:14	200
Bromobenzene	<160		750	160	ug/Kg	☼	05/07/13 11:45	05/16/13 03:14	200
Bromochloromethane	<140		750	140	ug/Kg	☼	05/07/13 11:45	05/16/13 03:14	200
Bromodichloromethane	<130		750	130	ug/Kg	☼	05/07/13 11:45	05/16/13 03:14	200
Bromoform	<160		750	160	ug/Kg	☼	05/07/13 11:45	05/16/13 03:14	200
Bromomethane	<250		750	250	ug/Kg	☼	05/07/13 11:45	05/16/13 03:14	200
Carbon tetrachloride	<96		370	96	ug/Kg	☼	05/07/13 11:45	05/16/13 03:14	200
Chlorobenzene	<53		370	53	ug/Kg	☼	05/07/13 11:45	05/16/13 03:14	200
Chloroethane	<160		750	160	ug/Kg	☼	05/07/13 11:45	05/16/13 03:14	200
Chloroform	<77		370	77	ug/Kg	☼	05/07/13 11:45	05/16/13 03:14	200
Chloromethane	<170		750	170	ug/Kg	☼	05/07/13 11:45	05/16/13 03:14	200
cis-1,2-Dichloroethene	<46		370	46	ug/Kg	☼	05/07/13 11:45	05/16/13 03:14	200
cis-1,3-Dichloropropene	<67		370	67	ug/Kg	☼	05/07/13 11:45	05/16/13 03:14	200
Dibromochloromethane	<130		750	130	ug/Kg	☼	05/07/13 11:45	05/16/13 03:14	200
Dibromomethane	<180		750	180	ug/Kg	☼	05/07/13 11:45	05/16/13 03:14	200
Dichlorodifluoromethane	<190		750	190	ug/Kg	☼	05/07/13 11:45	05/16/13 03:14	200
Ethylbenzene	1400		93	47	ug/Kg	☼	05/07/13 11:45	05/16/13 03:14	200
Hexachlorobutadiene	<130		750	130	ug/Kg	☼	05/07/13 11:45	05/16/13 03:14	200
Isopropyl ether	<55		750	55	ug/Kg	☼	05/07/13 11:45	05/16/13 03:14	200
Isopropylbenzene	650 J		750	94	ug/Kg	☼	05/07/13 11:45	05/16/13 03:14	200
Methyl tert-butyl ether	<160		750	160	ug/Kg	☼	05/07/13 11:45	05/16/13 03:14	200
Methylene Chloride	<260		1900	260	ug/Kg	☼	05/07/13 11:45	05/16/13 03:14	200
n-Butylbenzene	<48		370	48	ug/Kg	☼	05/07/13 11:45	05/16/13 03:14	200
N-Propylbenzene	<65		750	65	ug/Kg	☼	05/07/13 11:45	05/16/13 03:14	200
p-Isopropyltoluene	<69		750	69	ug/Kg	☼	05/07/13 11:45	05/16/13 03:14	200
sec-Butylbenzene	<58		370	58	ug/Kg	☼	05/07/13 11:45	05/16/13 03:14	200

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-56871-1

Client Sample ID: SB-715 15'

Lab Sample ID: 500-56871-5

Date Collected: 05/07/13 10:20

Matrix: Solid

Date Received: 05/10/13 10:30

Percent Solids: 83.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	<37		370	37	ug/Kg	☼	05/07/13 11:45	05/16/13 03:14	200
tert-Butylbenzene	<51		370	51	ug/Kg	☼	05/07/13 11:45	05/16/13 03:14	200
Tetrachloroethene	<62		370	62	ug/Kg	☼	05/07/13 11:45	05/16/13 03:14	200
Toluene	<43		93	43	ug/Kg	☼	05/07/13 11:45	05/16/13 03:14	200
trans-1,2-Dichloroethene	<93		370	93	ug/Kg	☼	05/07/13 11:45	05/16/13 03:14	200
trans-1,3-Dichloropropene	<78		370	78	ug/Kg	☼	05/07/13 11:45	05/16/13 03:14	200
Trichloroethene	<69		190	69	ug/Kg	☼	05/07/13 11:45	05/16/13 03:14	200
Trichlorofluoromethane	<160		750	160	ug/Kg	☼	05/07/13 11:45	05/16/13 03:14	200
Vinyl chloride	<39		93	39	ug/Kg	☼	05/07/13 11:45	05/16/13 03:14	200
Xylenes, Total	640		190	26	ug/Kg	☼	05/07/13 11:45	05/16/13 03:14	200

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	92		75 - 125	05/07/13 11:45	05/16/13 03:14	200
4-Bromofluorobenzene (Surr)	100		75 - 120	05/07/13 11:45	05/16/13 03:14	200
Dibromofluoromethane	95		75 - 120	05/07/13 11:45	05/16/13 03:14	200
Toluene-d8 (Surr)	93		75 - 120	05/07/13 11:45	05/16/13 03:14	200

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	320000		7500	1800	ug/Kg	☼	05/07/13 11:45	05/16/13 03:39	2000

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		75 - 125	05/07/13 11:45	05/16/13 03:39	2000
4-Bromofluorobenzene (Surr)	107		75 - 120	05/07/13 11:45	05/16/13 03:39	2000
Dibromofluoromethane	90		75 - 120	05/07/13 11:45	05/16/13 03:39	2000
Toluene-d8 (Surr)	97		75 - 120	05/07/13 11:45	05/16/13 03:39	2000

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthylene	120		39	9.1	ug/Kg	☼	05/15/13 07:14	05/22/13 20:29	1
Benzo[a]anthracene	210		39	8.3	ug/Kg	☼	05/15/13 07:14	05/22/13 20:29	1
Benzo[a]pyrene	82		39	7.2	ug/Kg	☼	05/15/13 07:14	05/22/13 20:29	1
Benzo[b]fluoranthene	110		39	7.7	ug/Kg	☼	05/15/13 07:14	05/22/13 20:29	1
Benzo[g,h,i]perylene	49		39	13	ug/Kg	☼	05/15/13 07:14	05/22/13 20:29	1
Benzo[k]fluoranthene	55		39	9.4	ug/Kg	☼	05/15/13 07:14	05/22/13 20:29	1
Chrysene	160		39	8.9	ug/Kg	☼	05/15/13 07:14	05/22/13 20:29	1
Dibenz(a,h)anthracene	<11		39	11	ug/Kg	☼	05/15/13 07:14	05/22/13 20:29	1
Indeno[1,2,3-cd]pyrene	43		39	13	ug/Kg	☼	05/15/13 07:14	05/22/13 20:29	1
Pyrene	2800		39	14	ug/Kg	☼	05/15/13 07:14	05/22/13 20:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	58		30 - 119	05/15/13 07:14	05/22/13 20:29	1
Nitrobenzene-d5 (Surr)	88		30 - 115	05/15/13 07:14	05/22/13 20:29	1
Terphenyl-d14 (Surr)	85		36 - 134	05/15/13 07:14	05/22/13 20:29	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	14000		2000	980	ug/Kg	☼	05/15/13 07:14	05/23/13 20:44	50
2-Methylnaphthalene	15000		10000	2600	ug/Kg	☼	05/15/13 07:14	05/23/13 20:44	50
Acenaphthene	14000		2000	590	ug/Kg	☼	05/15/13 07:14	05/23/13 20:44	50
Anthracene	3400		2000	470	ug/Kg	☼	05/15/13 07:14	05/23/13 20:44	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-56871-1

Client Sample ID: SB-715 15'

Lab Sample ID: 500-56871-5

Date Collected: 05/07/13 10:20

Matrix: Solid

Date Received: 05/10/13 10:30

Percent Solids: 83.2

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - DL (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	6100		2000	810	ug/Kg	☼	05/15/13 07:14	05/23/13 20:44	50
Fluorene	12000		2000	450	ug/Kg	☼	05/15/13 07:14	05/23/13 20:44	50
Naphthalene	55000		2000	380	ug/Kg	☼	05/15/13 07:14	05/23/13 20:44	50
Phenanthrene	35000		2000	830	ug/Kg	☼	05/15/13 07:14	05/23/13 20:44	50

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-56871-1

Client Sample ID: SB-716 15'

Lab Sample ID: 500-56871-6

Date Collected: 05/07/13 10:50

Matrix: Solid

Date Received: 05/10/13 10:30

Percent Solids: 83.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<33		190	33	ug/Kg	☼	05/07/13 11:45	05/16/13 04:03	50
1,1,1-Trichloroethane	<19		95	19	ug/Kg	☼	05/07/13 11:45	05/16/13 04:03	50
1,1,1,2,2-Tetrachloroethane	<22		95	22	ug/Kg	☼	05/07/13 11:45	05/16/13 04:03	50
1,1,2-Trichloroethane	<26		95	26	ug/Kg	☼	05/07/13 11:45	05/16/13 04:03	50
1,1-Dichloroethane	<17		95	17	ug/Kg	☼	05/07/13 11:45	05/16/13 04:03	50
1,1-Dichloroethene	<29		95	29	ug/Kg	☼	05/07/13 11:45	05/16/13 04:03	50
1,1-Dichloropropene	<33		95	33	ug/Kg	☼	05/07/13 11:45	05/16/13 04:03	50
1,2,3-Trichlorobenzene	<33		190	33	ug/Kg	☼	05/07/13 11:45	05/16/13 04:03	50
1,2,3-Trichloropropane	<54 *		190	54	ug/Kg	☼	05/07/13 11:45	05/16/13 04:03	50
1,2,4-Trichlorobenzene	<36		190	36	ug/Kg	☼	05/07/13 11:45	05/16/13 04:03	50
1,2,4-Trimethylbenzene	<20		190	20	ug/Kg	☼	05/07/13 11:45	05/16/13 04:03	50
1,2-Dibromo-3-Chloropropane	<82		190	82	ug/Kg	☼	05/07/13 11:45	05/16/13 04:03	50
1,2-Dibromoethane	<30		190	30	ug/Kg	☼	05/07/13 11:45	05/16/13 04:03	50
1,2-Dichlorobenzene	<19		190	19	ug/Kg	☼	05/07/13 11:45	05/16/13 04:03	50
1,2-Dichloroethane	<27		95	27	ug/Kg	☼	05/07/13 11:45	05/16/13 04:03	50
1,2-Dichloropropane	<19		95	19	ug/Kg	☼	05/07/13 11:45	05/16/13 04:03	50
1,3,5-Trimethylbenzene	<19		190	19	ug/Kg	☼	05/07/13 11:45	05/16/13 04:03	50
1,3-Dichlorobenzene	<24		190	24	ug/Kg	☼	05/07/13 11:45	05/16/13 04:03	50
1,3-Dichloropropane	<13		95	13	ug/Kg	☼	05/07/13 11:45	05/16/13 04:03	50
1,4-Dichlorobenzene	<16		190	16	ug/Kg	☼	05/07/13 11:45	05/16/13 04:03	50
2,2-Dichloropropane	<30		95	30	ug/Kg	☼	05/07/13 11:45	05/16/13 04:03	50
2-Chlorotoluene	<20		95	20	ug/Kg	☼	05/07/13 11:45	05/16/13 04:03	50
4-Chlorotoluene	<19		95	19	ug/Kg	☼	05/07/13 11:45	05/16/13 04:03	50
Benzene	<7.0		24	7.0	ug/Kg	☼	05/07/13 11:45	05/16/13 04:03	50
Bromobenzene	<40		190	40	ug/Kg	☼	05/07/13 11:45	05/16/13 04:03	50
Bromochloromethane	<36		190	36	ug/Kg	☼	05/07/13 11:45	05/16/13 04:03	50
Bromodichloromethane	<32		190	32	ug/Kg	☼	05/07/13 11:45	05/16/13 04:03	50
Bromoform	<42		190	42	ug/Kg	☼	05/07/13 11:45	05/16/13 04:03	50
Bromomethane	<64		190	64	ug/Kg	☼	05/07/13 11:45	05/16/13 04:03	50
Carbon tetrachloride	<24		95	24	ug/Kg	☼	05/07/13 11:45	05/16/13 04:03	50
Chlorobenzene	<14		95	14	ug/Kg	☼	05/07/13 11:45	05/16/13 04:03	50
Chloroethane	<41		190	41	ug/Kg	☼	05/07/13 11:45	05/16/13 04:03	50
Chloroform	<19		95	19	ug/Kg	☼	05/07/13 11:45	05/16/13 04:03	50
Chloromethane	<44		190	44	ug/Kg	☼	05/07/13 11:45	05/16/13 04:03	50
cis-1,2-Dichloroethene	<12		95	12	ug/Kg	☼	05/07/13 11:45	05/16/13 04:03	50
cis-1,3-Dichloropropene	<17		95	17	ug/Kg	☼	05/07/13 11:45	05/16/13 04:03	50
Dibromochloromethane	<33		190	33	ug/Kg	☼	05/07/13 11:45	05/16/13 04:03	50
Dibromomethane	<45		190	45	ug/Kg	☼	05/07/13 11:45	05/16/13 04:03	50
Dichlorodifluoromethane	<49		190	49	ug/Kg	☼	05/07/13 11:45	05/16/13 04:03	50
Ethylbenzene	<12		24	12	ug/Kg	☼	05/07/13 11:45	05/16/13 04:03	50
Hexachlorobutadiene	<33		190	33	ug/Kg	☼	05/07/13 11:45	05/16/13 04:03	50
Isopropyl ether	<14		190	14	ug/Kg	☼	05/07/13 11:45	05/16/13 04:03	50
Isopropylbenzene	<24		190	24	ug/Kg	☼	05/07/13 11:45	05/16/13 04:03	50
Methyl tert-butyl ether	<41		190	41	ug/Kg	☼	05/07/13 11:45	05/16/13 04:03	50
Methylene Chloride	<65		470	65	ug/Kg	☼	05/07/13 11:45	05/16/13 04:03	50
Naphthalene	190		190	47	ug/Kg	☼	05/07/13 11:45	05/16/13 04:03	50
n-Butylbenzene	<12		95	12	ug/Kg	☼	05/07/13 11:45	05/16/13 04:03	50
N-Propylbenzene	<17		190	17	ug/Kg	☼	05/07/13 11:45	05/16/13 04:03	50
p-Isopropyltoluene	<17		190	17	ug/Kg	☼	05/07/13 11:45	05/16/13 04:03	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-56871-1

Client Sample ID: SB-716 15'

Lab Sample ID: 500-56871-6

Date Collected: 05/07/13 10:50

Matrix: Solid

Date Received: 05/10/13 10:30

Percent Solids: 83.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<15		95	15	ug/Kg	☼	05/07/13 11:45	05/16/13 04:03	50
Styrene	<9.3		95	9.3	ug/Kg	☼	05/07/13 11:45	05/16/13 04:03	50
tert-Butylbenzene	<13		95	13	ug/Kg	☼	05/07/13 11:45	05/16/13 04:03	50
Tetrachloroethene	<16		95	16	ug/Kg	☼	05/07/13 11:45	05/16/13 04:03	50
Toluene	<11		24	11	ug/Kg	☼	05/07/13 11:45	05/16/13 04:03	50
trans-1,2-Dichloroethene	<24		95	24	ug/Kg	☼	05/07/13 11:45	05/16/13 04:03	50
trans-1,3-Dichloropropene	<20		95	20	ug/Kg	☼	05/07/13 11:45	05/16/13 04:03	50
Trichloroethene	<18		47	18	ug/Kg	☼	05/07/13 11:45	05/16/13 04:03	50
Trichlorofluoromethane	<39		190	39	ug/Kg	☼	05/07/13 11:45	05/16/13 04:03	50
Vinyl chloride	<9.8		24	9.8	ug/Kg	☼	05/07/13 11:45	05/16/13 04:03	50
Xylenes, Total	<6.5		47	6.5	ug/Kg	☼	05/07/13 11:45	05/16/13 04:03	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		75 - 125				05/07/13 11:45	05/16/13 04:03	50
4-Bromofluorobenzene (Surr)	103		75 - 120				05/07/13 11:45	05/16/13 04:03	50
Dibromofluoromethane	95		75 - 120				05/07/13 11:45	05/16/13 04:03	50
Toluene-d8 (Surr)	93		75 - 120				05/07/13 11:45	05/16/13 04:03	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<20		39	20	ug/Kg	☼	05/15/13 07:14	05/21/13 14:41	1
2-Methylnaphthalene	<51		200	51	ug/Kg	☼	05/15/13 07:14	05/21/13 14:41	1
Acenaphthene	<12		39	12	ug/Kg	☼	05/15/13 07:14	05/21/13 14:41	1
Acenaphthylene	<9.0		39	9.0	ug/Kg	☼	05/15/13 07:14	05/21/13 14:41	1
Anthracene	<9.3		39	9.3	ug/Kg	☼	05/15/13 07:14	05/21/13 14:41	1
Benzo[a]anthracene	<8.3		39	8.3	ug/Kg	☼	05/15/13 07:14	05/21/13 14:41	1
Benzo[a]pyrene	<7.2		39	7.2	ug/Kg	☼	05/15/13 07:14	05/21/13 14:41	1
Benzo[b]fluoranthene	<7.7		39	7.7	ug/Kg	☼	05/15/13 07:14	05/21/13 14:41	1
Benzo[g,h,i]perylene	<13		39	13	ug/Kg	☼	05/15/13 07:14	05/21/13 14:41	1
Benzo[k]fluoranthene	<9.4		39	9.4	ug/Kg	☼	05/15/13 07:14	05/21/13 14:41	1
Chrysene	14 J		39	8.9	ug/Kg	☼	05/15/13 07:14	05/21/13 14:41	1
Dibenz(a,h)anthracene	<11		39	11	ug/Kg	☼	05/15/13 07:14	05/21/13 14:41	1
Fluoranthene	<16		39	16	ug/Kg	☼	05/15/13 07:14	05/21/13 14:41	1
Fluorene	<9.0		39	9.0	ug/Kg	☼	05/15/13 07:14	05/21/13 14:41	1
Indeno[1,2,3-cd]pyrene	<13		39	13	ug/Kg	☼	05/15/13 07:14	05/21/13 14:41	1
Naphthalene	<7.6		39	7.6	ug/Kg	☼	05/15/13 07:14	05/21/13 14:41	1
Phenanthrene	17 J		39	16	ug/Kg	☼	05/15/13 07:14	05/21/13 14:41	1
Pyrene	<14		39	14	ug/Kg	☼	05/15/13 07:14	05/21/13 14:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	67		30 - 119				05/15/13 07:14	05/21/13 14:41	1
Nitrobenzene-d5 (Surr)	58		30 - 115				05/15/13 07:14	05/21/13 14:41	1
Terphenyl-d14 (Surr)	74		36 - 134				05/15/13 07:14	05/21/13 14:41	1

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-56871-1

Client Sample ID: SB-715 18'

Lab Sample ID: 500-56871-7

Date Collected: 05/07/13 10:25

Matrix: Solid

Date Received: 05/10/13 10:30

Percent Solids: 83.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<32		190	32	ug/Kg	☼	05/07/13 11:45	05/16/13 04:28	50
1,1,1-Trichloroethane	<19		93	19	ug/Kg	☼	05/07/13 11:45	05/16/13 04:28	50
1,1,1,2,2-Tetrachloroethane	<22		93	22	ug/Kg	☼	05/07/13 11:45	05/16/13 04:28	50
1,1,2-Trichloroethane	<26		93	26	ug/Kg	☼	05/07/13 11:45	05/16/13 04:28	50
1,1-Dichloroethane	<17		93	17	ug/Kg	☼	05/07/13 11:45	05/16/13 04:28	50
1,1-Dichloroethene	<29		93	29	ug/Kg	☼	05/07/13 11:45	05/16/13 04:28	50
1,1-Dichloropropene	<32		93	32	ug/Kg	☼	05/07/13 11:45	05/16/13 04:28	50
1,2,3-Trichlorobenzene	<33		190	33	ug/Kg	☼	05/07/13 11:45	05/16/13 04:28	50
1,2,3-Trichloropropane	<54 *		190	54	ug/Kg	☼	05/07/13 11:45	05/16/13 04:28	50
1,2,4-Trichlorobenzene	<35		190	35	ug/Kg	☼	05/07/13 11:45	05/16/13 04:28	50
1,2,4-Trimethylbenzene	<20		190	20	ug/Kg	☼	05/07/13 11:45	05/16/13 04:28	50
1,2-Dibromo-3-Chloropropane	<81		190	81	ug/Kg	☼	05/07/13 11:45	05/16/13 04:28	50
1,2-Dibromoethane	<29		190	29	ug/Kg	☼	05/07/13 11:45	05/16/13 04:28	50
1,2-Dichlorobenzene	<19		190	19	ug/Kg	☼	05/07/13 11:45	05/16/13 04:28	50
1,2-Dichloroethane	<27		93	27	ug/Kg	☼	05/07/13 11:45	05/16/13 04:28	50
1,2-Dichloropropane	<18		93	18	ug/Kg	☼	05/07/13 11:45	05/16/13 04:28	50
1,3,5-Trimethylbenzene	<19		190	19	ug/Kg	☼	05/07/13 11:45	05/16/13 04:28	50
1,3-Dichlorobenzene	<24		190	24	ug/Kg	☼	05/07/13 11:45	05/16/13 04:28	50
1,3-Dichloropropane	<13		93	13	ug/Kg	☼	05/07/13 11:45	05/16/13 04:28	50
1,4-Dichlorobenzene	<16		190	16	ug/Kg	☼	05/07/13 11:45	05/16/13 04:28	50
2,2-Dichloropropane	<30		93	30	ug/Kg	☼	05/07/13 11:45	05/16/13 04:28	50
2-Chlorotoluene	<19		93	19	ug/Kg	☼	05/07/13 11:45	05/16/13 04:28	50
4-Chlorotoluene	<18		93	18	ug/Kg	☼	05/07/13 11:45	05/16/13 04:28	50
Benzene	<6.9		23	6.9	ug/Kg	☼	05/07/13 11:45	05/16/13 04:28	50
Bromobenzene	<40		190	40	ug/Kg	☼	05/07/13 11:45	05/16/13 04:28	50
Bromochloromethane	<35		190	35	ug/Kg	☼	05/07/13 11:45	05/16/13 04:28	50
Bromodichloromethane	<32		190	32	ug/Kg	☼	05/07/13 11:45	05/16/13 04:28	50
Bromoform	<41		190	41	ug/Kg	☼	05/07/13 11:45	05/16/13 04:28	50
Bromomethane	<64		190	64	ug/Kg	☼	05/07/13 11:45	05/16/13 04:28	50
Carbon tetrachloride	<24		93	24	ug/Kg	☼	05/07/13 11:45	05/16/13 04:28	50
Chlorobenzene	<13		93	13	ug/Kg	☼	05/07/13 11:45	05/16/13 04:28	50
Chloroethane	<41		190	41	ug/Kg	☼	05/07/13 11:45	05/16/13 04:28	50
Chloroform	<19		93	19	ug/Kg	☼	05/07/13 11:45	05/16/13 04:28	50
Chloromethane	<43		190	43	ug/Kg	☼	05/07/13 11:45	05/16/13 04:28	50
cis-1,2-Dichloroethene	<11		93	11	ug/Kg	☼	05/07/13 11:45	05/16/13 04:28	50
cis-1,3-Dichloropropene	<17		93	17	ug/Kg	☼	05/07/13 11:45	05/16/13 04:28	50
Dibromochloromethane	<32		190	32	ug/Kg	☼	05/07/13 11:45	05/16/13 04:28	50
Dibromomethane	<45		190	45	ug/Kg	☼	05/07/13 11:45	05/16/13 04:28	50
Dichlorodifluoromethane	<48		190	48	ug/Kg	☼	05/07/13 11:45	05/16/13 04:28	50
Ethylbenzene	<12		23	12	ug/Kg	☼	05/07/13 11:45	05/16/13 04:28	50
Hexachlorobutadiene	<32		190	32	ug/Kg	☼	05/07/13 11:45	05/16/13 04:28	50
Isopropyl ether	<14		190	14	ug/Kg	☼	05/07/13 11:45	05/16/13 04:28	50
Isopropylbenzene	<23		190	23	ug/Kg	☼	05/07/13 11:45	05/16/13 04:28	50
Methyl tert-butyl ether	<40		190	40	ug/Kg	☼	05/07/13 11:45	05/16/13 04:28	50
Methylene Chloride	<64		470	64	ug/Kg	☼	05/07/13 11:45	05/16/13 04:28	50
Naphthalene	<46		190	46	ug/Kg	☼	05/07/13 11:45	05/16/13 04:28	50
n-Butylbenzene	<12		93	12	ug/Kg	☼	05/07/13 11:45	05/16/13 04:28	50
N-Propylbenzene	<16		190	16	ug/Kg	☼	05/07/13 11:45	05/16/13 04:28	50
p-Isopropyltoluene	<17		190	17	ug/Kg	☼	05/07/13 11:45	05/16/13 04:28	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-56871-1

Client Sample ID: SB-715 18'

Lab Sample ID: 500-56871-7

Date Collected: 05/07/13 10:25

Matrix: Solid

Date Received: 05/10/13 10:30

Percent Solids: 83.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<14		93	14	ug/Kg	☼	05/07/13 11:45	05/16/13 04:28	50
Styrene	<9.2		93	9.2	ug/Kg	☼	05/07/13 11:45	05/16/13 04:28	50
tert-Butylbenzene	<13		93	13	ug/Kg	☼	05/07/13 11:45	05/16/13 04:28	50
Tetrachloroethene	<16		93	16	ug/Kg	☼	05/07/13 11:45	05/16/13 04:28	50
Toluene	39		23	11	ug/Kg	☼	05/07/13 11:45	05/16/13 04:28	50
trans-1,2-Dichloroethene	<23		93	23	ug/Kg	☼	05/07/13 11:45	05/16/13 04:28	50
trans-1,3-Dichloropropene	<19		93	19	ug/Kg	☼	05/07/13 11:45	05/16/13 04:28	50
Trichloroethene	<17		47	17	ug/Kg	☼	05/07/13 11:45	05/16/13 04:28	50
Trichlorofluoromethane	<39		190	39	ug/Kg	☼	05/07/13 11:45	05/16/13 04:28	50
Vinyl chloride	<9.7		23	9.7	ug/Kg	☼	05/07/13 11:45	05/16/13 04:28	50
Xylenes, Total	<6.4		47	6.4	ug/Kg	☼	05/07/13 11:45	05/16/13 04:28	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		75 - 125				05/07/13 11:45	05/16/13 04:28	50
4-Bromofluorobenzene (Surr)	104		75 - 120				05/07/13 11:45	05/16/13 04:28	50
Dibromofluoromethane	91		75 - 120				05/07/13 11:45	05/16/13 04:28	50
Toluene-d8 (Surr)	98		75 - 120				05/07/13 11:45	05/16/13 04:28	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<19		38	19	ug/Kg	☼	05/15/13 07:14	05/21/13 15:04	1
2-Methylnaphthalene	<50		190	50	ug/Kg	☼	05/15/13 07:14	05/21/13 15:04	1
Acenaphthene	<12		38	12	ug/Kg	☼	05/15/13 07:14	05/21/13 15:04	1
Acenaphthylene	<8.9		38	8.9	ug/Kg	☼	05/15/13 07:14	05/21/13 15:04	1
Anthracene	<9.1		38	9.1	ug/Kg	☼	05/15/13 07:14	05/21/13 15:04	1
Benzo[a]anthracene	<8.1		38	8.1	ug/Kg	☼	05/15/13 07:14	05/21/13 15:04	1
Benzo[a]pyrene	<7.0		38	7.0	ug/Kg	☼	05/15/13 07:14	05/21/13 15:04	1
Benzo[b]fluoranthene	<7.5		38	7.5	ug/Kg	☼	05/15/13 07:14	05/21/13 15:04	1
Benzo[g,h,i]perylene	<13		38	13	ug/Kg	☼	05/15/13 07:14	05/21/13 15:04	1
Benzo[k]fluoranthene	<9.2		38	9.2	ug/Kg	☼	05/15/13 07:14	05/21/13 15:04	1
Chrysene	14 J		38	8.7	ug/Kg	☼	05/15/13 07:14	05/21/13 15:04	1
Dibenz(a,h)anthracene	<11		38	11	ug/Kg	☼	05/15/13 07:14	05/21/13 15:04	1
Fluoranthene	<16		38	16	ug/Kg	☼	05/15/13 07:14	05/21/13 15:04	1
Fluorene	9.5 J		38	8.8	ug/Kg	☼	05/15/13 07:14	05/21/13 15:04	1
Indeno[1,2,3-cd]pyrene	<13		38	13	ug/Kg	☼	05/15/13 07:14	05/21/13 15:04	1
Naphthalene	50		38	7.4	ug/Kg	☼	05/15/13 07:14	05/21/13 15:04	1
Phenanthrene	32 J		38	16	ug/Kg	☼	05/15/13 07:14	05/21/13 15:04	1
Pyrene	<14		38	14	ug/Kg	☼	05/15/13 07:14	05/21/13 15:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	51		30 - 119				05/15/13 07:14	05/21/13 15:04	1
Nitrobenzene-d5 (Surr)	44		30 - 115				05/15/13 07:14	05/21/13 15:04	1
Terphenyl-d14 (Surr)	67		36 - 134				05/15/13 07:14	05/21/13 15:04	1

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-56871-1

Client Sample ID: SB-717 15'

Lab Sample ID: 500-56871-8

Date Collected: 05/07/13 11:30

Matrix: Solid

Date Received: 05/10/13 10:30

Percent Solids: 82.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<33		190	33	ug/Kg	☼	05/07/13 11:45	05/16/13 04:52	50
1,1,1-Trichloroethane	<19		95	19	ug/Kg	☼	05/07/13 11:45	05/16/13 04:52	50
1,1,1,2,2-Tetrachloroethane	<22		95	22	ug/Kg	☼	05/07/13 11:45	05/16/13 04:52	50
1,1,1,2-Trichloroethane	<27		95	27	ug/Kg	☼	05/07/13 11:45	05/16/13 04:52	50
1,1-Dichloroethane	<18		95	18	ug/Kg	☼	05/07/13 11:45	05/16/13 04:52	50
1,1-Dichloroethene	<29		95	29	ug/Kg	☼	05/07/13 11:45	05/16/13 04:52	50
1,1-Dichloropropene	<33		95	33	ug/Kg	☼	05/07/13 11:45	05/16/13 04:52	50
1,2,3-Trichlorobenzene	<33		190	33	ug/Kg	☼	05/07/13 11:45	05/16/13 04:52	50
1,2,3-Trichloropropane	<55 *		190	55	ug/Kg	☼	05/07/13 11:45	05/16/13 04:52	50
1,2,4-Trichlorobenzene	<36		190	36	ug/Kg	☼	05/07/13 11:45	05/16/13 04:52	50
1,2,4-Trimethylbenzene	<20		190	20	ug/Kg	☼	05/07/13 11:45	05/16/13 04:52	50
1,2-Dibromo-3-Chloropropane	<83		190	83	ug/Kg	☼	05/07/13 11:45	05/16/13 04:52	50
1,2-Dibromoethane	<30		190	30	ug/Kg	☼	05/07/13 11:45	05/16/13 04:52	50
1,2-Dichlorobenzene	<19		190	19	ug/Kg	☼	05/07/13 11:45	05/16/13 04:52	50
1,2-Dichloroethane	<27		95	27	ug/Kg	☼	05/07/13 11:45	05/16/13 04:52	50
1,2-Dichloropropane	<19		95	19	ug/Kg	☼	05/07/13 11:45	05/16/13 04:52	50
1,3,5-Trimethylbenzene	<20		190	20	ug/Kg	☼	05/07/13 11:45	05/16/13 04:52	50
1,3-Dichlorobenzene	<24		190	24	ug/Kg	☼	05/07/13 11:45	05/16/13 04:52	50
1,3-Dichloropropane	<13		95	13	ug/Kg	☼	05/07/13 11:45	05/16/13 04:52	50
1,4-Dichlorobenzene	<17		190	17	ug/Kg	☼	05/07/13 11:45	05/16/13 04:52	50
2,2-Dichloropropane	<30		95	30	ug/Kg	☼	05/07/13 11:45	05/16/13 04:52	50
2-Chlorotoluene	<20		95	20	ug/Kg	☼	05/07/13 11:45	05/16/13 04:52	50
4-Chlorotoluene	<19		95	19	ug/Kg	☼	05/07/13 11:45	05/16/13 04:52	50
Benzene	<7.0		24	7.0	ug/Kg	☼	05/07/13 11:45	05/16/13 04:52	50
Bromobenzene	<40		190	40	ug/Kg	☼	05/07/13 11:45	05/16/13 04:52	50
Bromochloromethane	<36		190	36	ug/Kg	☼	05/07/13 11:45	05/16/13 04:52	50
Bromodichloromethane	<32		190	32	ug/Kg	☼	05/07/13 11:45	05/16/13 04:52	50
Bromoform	<42		190	42	ug/Kg	☼	05/07/13 11:45	05/16/13 04:52	50
Bromomethane	<65		190	65	ug/Kg	☼	05/07/13 11:45	05/16/13 04:52	50
Carbon tetrachloride	<24		95	24	ug/Kg	☼	05/07/13 11:45	05/16/13 04:52	50
Chlorobenzene	<14		95	14	ug/Kg	☼	05/07/13 11:45	05/16/13 04:52	50
Chloroethane	<41		190	41	ug/Kg	☼	05/07/13 11:45	05/16/13 04:52	50
Chloroform	<19		95	19	ug/Kg	☼	05/07/13 11:45	05/16/13 04:52	50
Chloromethane	<44		190	44	ug/Kg	☼	05/07/13 11:45	05/16/13 04:52	50
cis-1,2-Dichloroethene	<12		95	12	ug/Kg	☼	05/07/13 11:45	05/16/13 04:52	50
cis-1,3-Dichloropropene	<17		95	17	ug/Kg	☼	05/07/13 11:45	05/16/13 04:52	50
Dibromochloromethane	<33		190	33	ug/Kg	☼	05/07/13 11:45	05/16/13 04:52	50
Dibromomethane	<46		190	46	ug/Kg	☼	05/07/13 11:45	05/16/13 04:52	50
Dichlorodifluoromethane	<49		190	49	ug/Kg	☼	05/07/13 11:45	05/16/13 04:52	50
Ethylbenzene	<12		24	12	ug/Kg	☼	05/07/13 11:45	05/16/13 04:52	50
Hexachlorobutadiene	<33		190	33	ug/Kg	☼	05/07/13 11:45	05/16/13 04:52	50
Isopropyl ether	<14		190	14	ug/Kg	☼	05/07/13 11:45	05/16/13 04:52	50
Isopropylbenzene	<24		190	24	ug/Kg	☼	05/07/13 11:45	05/16/13 04:52	50
Methyl tert-butyl ether	<41		190	41	ug/Kg	☼	05/07/13 11:45	05/16/13 04:52	50
Methylene Chloride	<65		480	65	ug/Kg	☼	05/07/13 11:45	05/16/13 04:52	50
Naphthalene	<47		190	47	ug/Kg	☼	05/07/13 11:45	05/16/13 04:52	50
n-Butylbenzene	<12		95	12	ug/Kg	☼	05/07/13 11:45	05/16/13 04:52	50
N-Propylbenzene	<17		190	17	ug/Kg	☼	05/07/13 11:45	05/16/13 04:52	50
p-Isopropyltoluene	<18		190	18	ug/Kg	☼	05/07/13 11:45	05/16/13 04:52	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-56871-1

Client Sample ID: SB-717 15'

Lab Sample ID: 500-56871-8

Date Collected: 05/07/13 11:30

Matrix: Solid

Date Received: 05/10/13 10:30

Percent Solids: 82.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<15		95	15	ug/Kg	☼	05/07/13 11:45	05/16/13 04:52	50
Styrene	<9.4		95	9.4	ug/Kg	☼	05/07/13 11:45	05/16/13 04:52	50
tert-Butylbenzene	<13		95	13	ug/Kg	☼	05/07/13 11:45	05/16/13 04:52	50
Tetrachloroethene	<16		95	16	ug/Kg	☼	05/07/13 11:45	05/16/13 04:52	50
Toluene	<11		24	11	ug/Kg	☼	05/07/13 11:45	05/16/13 04:52	50
trans-1,2-Dichloroethene	<24		95	24	ug/Kg	☼	05/07/13 11:45	05/16/13 04:52	50
trans-1,3-Dichloropropene	<20		95	20	ug/Kg	☼	05/07/13 11:45	05/16/13 04:52	50
Trichloroethene	<18		48	18	ug/Kg	☼	05/07/13 11:45	05/16/13 04:52	50
Trichlorofluoromethane	<39		190	39	ug/Kg	☼	05/07/13 11:45	05/16/13 04:52	50
Vinyl chloride	<9.9		24	9.9	ug/Kg	☼	05/07/13 11:45	05/16/13 04:52	50
Xylenes, Total	<6.5		48	6.5	ug/Kg	☼	05/07/13 11:45	05/16/13 04:52	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93		75 - 125	05/07/13 11:45	05/16/13 04:52	50
4-Bromofluorobenzene (Surr)	107		75 - 120	05/07/13 11:45	05/16/13 04:52	50
Dibromofluoromethane	93		75 - 120	05/07/13 11:45	05/16/13 04:52	50
Toluene-d8 (Surr)	98		75 - 120	05/07/13 11:45	05/16/13 04:52	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<19		38	19	ug/Kg	☼	05/15/13 07:14	05/21/13 15:26	1
2-Methylnaphthalene	<50		190	50	ug/Kg	☼	05/15/13 07:14	05/21/13 15:26	1
Acenaphthene	<11		38	11	ug/Kg	☼	05/15/13 07:14	05/21/13 15:26	1
Acenaphthylene	<8.8		38	8.8	ug/Kg	☼	05/15/13 07:14	05/21/13 15:26	1
Anthracene	<9.0		38	9.0	ug/Kg	☼	05/15/13 07:14	05/21/13 15:26	1
Benzo[a]anthracene	<8.1		38	8.1	ug/Kg	☼	05/15/13 07:14	05/21/13 15:26	1
Benzo[a]pyrene	<7.0		38	7.0	ug/Kg	☼	05/15/13 07:14	05/21/13 15:26	1
Benzo[b]fluoranthene	<7.5		38	7.5	ug/Kg	☼	05/15/13 07:14	05/21/13 15:26	1
Benzo[g,h,i]perylene	<13		38	13	ug/Kg	☼	05/15/13 07:14	05/21/13 15:26	1
Benzo[k]fluoranthene	<9.2		38	9.2	ug/Kg	☼	05/15/13 07:14	05/21/13 15:26	1
Chrysene	<8.7		38	8.7	ug/Kg	☼	05/15/13 07:14	05/21/13 15:26	1
Dibenz(a,h)anthracene	<11		38	11	ug/Kg	☼	05/15/13 07:14	05/21/13 15:26	1
Fluoranthene	<16		38	16	ug/Kg	☼	05/15/13 07:14	05/21/13 15:26	1
Fluorene	<8.7		38	8.7	ug/Kg	☼	05/15/13 07:14	05/21/13 15:26	1
Indeno[1,2,3-cd]pyrene	<13		38	13	ug/Kg	☼	05/15/13 07:14	05/21/13 15:26	1
Naphthalene	7.8	J	38	7.4	ug/Kg	☼	05/15/13 07:14	05/21/13 15:26	1
Phenanthrene	<16		38	16	ug/Kg	☼	05/15/13 07:14	05/21/13 15:26	1
Pyrene	<14		38	14	ug/Kg	☼	05/15/13 07:14	05/21/13 15:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	70		30 - 119	05/15/13 07:14	05/21/13 15:26	1
Nitrobenzene-d5 (Surr)	63		30 - 115	05/15/13 07:14	05/21/13 15:26	1
Terphenyl-d14 (Surr)	79		36 - 134	05/15/13 07:14	05/21/13 15:26	1

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-56871-1

Client Sample ID: SB-718 15'

Lab Sample ID: 500-56871-9

Date Collected: 05/07/13 12:25

Matrix: Solid

Date Received: 05/10/13 10:30

Percent Solids: 82.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<34		190	34	ug/Kg	☼	05/07/13 11:45	05/16/13 05:17	50
1,1,1-Trichloroethane	<20		97	20	ug/Kg	☼	05/07/13 11:45	05/16/13 05:17	50
1,1,2,2-Tetrachloroethane	<23		97	23	ug/Kg	☼	05/07/13 11:45	05/16/13 05:17	50
1,1,2-Trichloroethane	<27		97	27	ug/Kg	☼	05/07/13 11:45	05/16/13 05:17	50
1,1-Dichloroethane	<18		97	18	ug/Kg	☼	05/07/13 11:45	05/16/13 05:17	50
1,1-Dichloroethene	<30		97	30	ug/Kg	☼	05/07/13 11:45	05/16/13 05:17	50
1,1-Dichloropropene	<33		97	33	ug/Kg	☼	05/07/13 11:45	05/16/13 05:17	50
1,2,3-Trichlorobenzene	<34		190	34	ug/Kg	☼	05/07/13 11:45	05/16/13 05:17	50
1,2,3-Trichloropropane	<56 *		190	56	ug/Kg	☼	05/07/13 11:45	05/16/13 05:17	50
1,2,4-Trichlorobenzene	<37		190	37	ug/Kg	☼	05/07/13 11:45	05/16/13 05:17	50
1,2,4-Trimethylbenzene	<21		190	21	ug/Kg	☼	05/07/13 11:45	05/16/13 05:17	50
1,2-Dibromo-3-Chloropropane	<85		190	85	ug/Kg	☼	05/07/13 11:45	05/16/13 05:17	50
1,2-Dibromoethane	<31		190	31	ug/Kg	☼	05/07/13 11:45	05/16/13 05:17	50
1,2-Dichlorobenzene	<20		190	20	ug/Kg	☼	05/07/13 11:45	05/16/13 05:17	50
1,2-Dichloroethane	<28		97	28	ug/Kg	☼	05/07/13 11:45	05/16/13 05:17	50
1,2-Dichloropropane	<19		97	19	ug/Kg	☼	05/07/13 11:45	05/16/13 05:17	50
1,3,5-Trimethylbenzene	<20		190	20	ug/Kg	☼	05/07/13 11:45	05/16/13 05:17	50
1,3-Dichlorobenzene	<25		190	25	ug/Kg	☼	05/07/13 11:45	05/16/13 05:17	50
1,3-Dichloropropane	<13		97	13	ug/Kg	☼	05/07/13 11:45	05/16/13 05:17	50
1,4-Dichlorobenzene	<17		190	17	ug/Kg	☼	05/07/13 11:45	05/16/13 05:17	50
2,2-Dichloropropane	<31		97	31	ug/Kg	☼	05/07/13 11:45	05/16/13 05:17	50
2-Chlorotoluene	<20		97	20	ug/Kg	☼	05/07/13 11:45	05/16/13 05:17	50
4-Chlorotoluene	<19		97	19	ug/Kg	☼	05/07/13 11:45	05/16/13 05:17	50
Benzene	<7.2		24	7.2	ug/Kg	☼	05/07/13 11:45	05/16/13 05:17	50
Bromobenzene	<41		190	41	ug/Kg	☼	05/07/13 11:45	05/16/13 05:17	50
Bromochloromethane	<37		190	37	ug/Kg	☼	05/07/13 11:45	05/16/13 05:17	50
Bromodichloromethane	<33		190	33	ug/Kg	☼	05/07/13 11:45	05/16/13 05:17	50
Bromoform	<43		190	43	ug/Kg	☼	05/07/13 11:45	05/16/13 05:17	50
Bromomethane	<66		190	66	ug/Kg	☼	05/07/13 11:45	05/16/13 05:17	50
Carbon tetrachloride	<25		97	25	ug/Kg	☼	05/07/13 11:45	05/16/13 05:17	50
Chlorobenzene	<14		97	14	ug/Kg	☼	05/07/13 11:45	05/16/13 05:17	50
Chloroethane	<42		190	42	ug/Kg	☼	05/07/13 11:45	05/16/13 05:17	50
Chloroform	<20		97	20	ug/Kg	☼	05/07/13 11:45	05/16/13 05:17	50
Chloromethane	<45		190	45	ug/Kg	☼	05/07/13 11:45	05/16/13 05:17	50
cis-1,2-Dichloroethene	<12		97	12	ug/Kg	☼	05/07/13 11:45	05/16/13 05:17	50
cis-1,3-Dichloropropene	<17		97	17	ug/Kg	☼	05/07/13 11:45	05/16/13 05:17	50
Dibromochloromethane	<34		190	34	ug/Kg	☼	05/07/13 11:45	05/16/13 05:17	50
Dibromomethane	<47		190	47	ug/Kg	☼	05/07/13 11:45	05/16/13 05:17	50
Dichlorodifluoromethane	<50		190	50	ug/Kg	☼	05/07/13 11:45	05/16/13 05:17	50
Ethylbenzene	<12		24	12	ug/Kg	☼	05/07/13 11:45	05/16/13 05:17	50
Hexachlorobutadiene	<34		190	34	ug/Kg	☼	05/07/13 11:45	05/16/13 05:17	50
Isopropyl ether	<14		190	14	ug/Kg	☼	05/07/13 11:45	05/16/13 05:17	50
Isopropylbenzene	<24		190	24	ug/Kg	☼	05/07/13 11:45	05/16/13 05:17	50
Methyl tert-butyl ether	<42		190	42	ug/Kg	☼	05/07/13 11:45	05/16/13 05:17	50
Methylene Chloride	<66		490	66	ug/Kg	☼	05/07/13 11:45	05/16/13 05:17	50
Naphthalene	<48		190	48	ug/Kg	☼	05/07/13 11:45	05/16/13 05:17	50
n-Butylbenzene	<13		97	13	ug/Kg	☼	05/07/13 11:45	05/16/13 05:17	50
N-Propylbenzene	<17		190	17	ug/Kg	☼	05/07/13 11:45	05/16/13 05:17	50
p-Isopropyltoluene	<18		190	18	ug/Kg	☼	05/07/13 11:45	05/16/13 05:17	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-56871-1

Client Sample ID: SB-718 15'

Lab Sample ID: 500-56871-9

Date Collected: 05/07/13 12:25

Matrix: Solid

Date Received: 05/10/13 10:30

Percent Solids: 82.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<15		97	15	ug/Kg	☼	05/07/13 11:45	05/16/13 05:17	50
Styrene	<9.6		97	9.6	ug/Kg	☼	05/07/13 11:45	05/16/13 05:17	50
tert-Butylbenzene	<13		97	13	ug/Kg	☼	05/07/13 11:45	05/16/13 05:17	50
Tetrachloroethene	<16		97	16	ug/Kg	☼	05/07/13 11:45	05/16/13 05:17	50
Toluene	<11		24	11	ug/Kg	☼	05/07/13 11:45	05/16/13 05:17	50
trans-1,2-Dichloroethene	<24		97	24	ug/Kg	☼	05/07/13 11:45	05/16/13 05:17	50
trans-1,3-Dichloropropene	<20		97	20	ug/Kg	☼	05/07/13 11:45	05/16/13 05:17	50
Trichloroethene	<18		49	18	ug/Kg	☼	05/07/13 11:45	05/16/13 05:17	50
Trichlorofluoromethane	<40		190	40	ug/Kg	☼	05/07/13 11:45	05/16/13 05:17	50
Vinyl chloride	<10		24	10	ug/Kg	☼	05/07/13 11:45	05/16/13 05:17	50
Xylenes, Total	<6.7		49	6.7	ug/Kg	☼	05/07/13 11:45	05/16/13 05:17	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94		75 - 125				05/07/13 11:45	05/16/13 05:17	50
4-Bromofluorobenzene (Surr)	104		75 - 120				05/07/13 11:45	05/16/13 05:17	50
Dibromofluoromethane	92		75 - 120				05/07/13 11:45	05/16/13 05:17	50
Toluene-d8 (Surr)	94		75 - 120				05/07/13 11:45	05/16/13 05:17	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<20		40	20	ug/Kg	☼	05/15/13 07:14	05/21/13 15:49	1
2-Methylnaphthalene	<52		200	52	ug/Kg	☼	05/15/13 07:14	05/21/13 15:49	1
Acenaphthene	<12		40	12	ug/Kg	☼	05/15/13 07:14	05/21/13 15:49	1
Acenaphthylene	<9.2		40	9.2	ug/Kg	☼	05/15/13 07:14	05/21/13 15:49	1
Anthracene	<9.4		40	9.4	ug/Kg	☼	05/15/13 07:14	05/21/13 15:49	1
Benzo[a]anthracene	<8.4		40	8.4	ug/Kg	☼	05/15/13 07:14	05/21/13 15:49	1
Benzo[a]pyrene	<7.3		40	7.3	ug/Kg	☼	05/15/13 07:14	05/21/13 15:49	1
Benzo[b]fluoranthene	<7.7		40	7.7	ug/Kg	☼	05/15/13 07:14	05/21/13 15:49	1
Benzo[g,h,i]perylene	<13		40	13	ug/Kg	☼	05/15/13 07:14	05/21/13 15:49	1
Benzo[k]fluoranthene	<9.5		40	9.5	ug/Kg	☼	05/15/13 07:14	05/21/13 15:49	1
Chrysene	<9.0		40	9.0	ug/Kg	☼	05/15/13 07:14	05/21/13 15:49	1
Dibenz(a,h)anthracene	<11		40	11	ug/Kg	☼	05/15/13 07:14	05/21/13 15:49	1
Fluoranthene	<16		40	16	ug/Kg	☼	05/15/13 07:14	05/21/13 15:49	1
Fluorene	<9.1		40	9.1	ug/Kg	☼	05/15/13 07:14	05/21/13 15:49	1
Indeno[1,2,3-cd]pyrene	<13		40	13	ug/Kg	☼	05/15/13 07:14	05/21/13 15:49	1
Naphthalene	<7.7		40	7.7	ug/Kg	☼	05/15/13 07:14	05/21/13 15:49	1
Phenanthrene	<17		40	17	ug/Kg	☼	05/15/13 07:14	05/21/13 15:49	1
Pyrene	<14		40	14	ug/Kg	☼	05/15/13 07:14	05/21/13 15:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	65		30 - 119				05/15/13 07:14	05/21/13 15:49	1
Nitrobenzene-d5 (Surr)	49		30 - 115				05/15/13 07:14	05/21/13 15:49	1
Terphenyl-d14 (Surr)	75		36 - 134				05/15/13 07:14	05/21/13 15:49	1

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-56871-1

Client Sample ID: SB-719 15'

Lab Sample ID: 500-56871-10

Date Collected: 05/07/13 13:10

Matrix: Solid

Date Received: 05/10/13 10:30

Percent Solids: 84.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<33		190	33	ug/Kg	☼	05/07/13 11:45	05/16/13 05:42	50
1,1,1-Trichloroethane	<19		94	19	ug/Kg	☼	05/07/13 11:45	05/16/13 05:42	50
1,1,1,2,2-Tetrachloroethane	<22		94	22	ug/Kg	☼	05/07/13 11:45	05/16/13 05:42	50
1,1,2-Trichloroethane	<26		94	26	ug/Kg	☼	05/07/13 11:45	05/16/13 05:42	50
1,1-Dichloroethane	<17		94	17	ug/Kg	☼	05/07/13 11:45	05/16/13 05:42	50
1,1-Dichloroethene	<29		94	29	ug/Kg	☼	05/07/13 11:45	05/16/13 05:42	50
1,1-Dichloropropene	<32		94	32	ug/Kg	☼	05/07/13 11:45	05/16/13 05:42	50
1,2,3-Trichlorobenzene	<33		190	33	ug/Kg	☼	05/07/13 11:45	05/16/13 05:42	50
1,2,3-Trichloropropane	<54 *		190	54	ug/Kg	☼	05/07/13 11:45	05/16/13 05:42	50
1,2,4-Trichlorobenzene	<36		190	36	ug/Kg	☼	05/07/13 11:45	05/16/13 05:42	50
1,2,4-Trimethylbenzene	110	J	190	20	ug/Kg	☼	05/07/13 11:45	05/16/13 05:42	50
1,2-Dibromo-3-Chloropropane	<82		190	82	ug/Kg	☼	05/07/13 11:45	05/16/13 05:42	50
1,2-Dibromoethane	<30		190	30	ug/Kg	☼	05/07/13 11:45	05/16/13 05:42	50
1,2-Dichlorobenzene	<19		190	19	ug/Kg	☼	05/07/13 11:45	05/16/13 05:42	50
1,2-Dichloroethane	<27		94	27	ug/Kg	☼	05/07/13 11:45	05/16/13 05:42	50
1,2-Dichloropropane	<18		94	18	ug/Kg	☼	05/07/13 11:45	05/16/13 05:42	50
1,3,5-Trimethylbenzene	<19		190	19	ug/Kg	☼	05/07/13 11:45	05/16/13 05:42	50
1,3-Dichlorobenzene	<24		190	24	ug/Kg	☼	05/07/13 11:45	05/16/13 05:42	50
1,3-Dichloropropane	<13		94	13	ug/Kg	☼	05/07/13 11:45	05/16/13 05:42	50
1,4-Dichlorobenzene	<16		190	16	ug/Kg	☼	05/07/13 11:45	05/16/13 05:42	50
2,2-Dichloropropane	<30		94	30	ug/Kg	☼	05/07/13 11:45	05/16/13 05:42	50
2-Chlorotoluene	<20		94	20	ug/Kg	☼	05/07/13 11:45	05/16/13 05:42	50
4-Chlorotoluene	<19		94	19	ug/Kg	☼	05/07/13 11:45	05/16/13 05:42	50
Benzene	100		24	7.0	ug/Kg	☼	05/07/13 11:45	05/16/13 05:42	50
Bromobenzene	<40		190	40	ug/Kg	☼	05/07/13 11:45	05/16/13 05:42	50
Bromochloromethane	<36		190	36	ug/Kg	☼	05/07/13 11:45	05/16/13 05:42	50
Bromodichloromethane	<32		190	32	ug/Kg	☼	05/07/13 11:45	05/16/13 05:42	50
Bromoform	<42		190	42	ug/Kg	☼	05/07/13 11:45	05/16/13 05:42	50
Bromomethane	<64		190	64	ug/Kg	☼	05/07/13 11:45	05/16/13 05:42	50
Carbon tetrachloride	<24		94	24	ug/Kg	☼	05/07/13 11:45	05/16/13 05:42	50
Chlorobenzene	<13		94	13	ug/Kg	☼	05/07/13 11:45	05/16/13 05:42	50
Chloroethane	<41		190	41	ug/Kg	☼	05/07/13 11:45	05/16/13 05:42	50
Chloroform	<19		94	19	ug/Kg	☼	05/07/13 11:45	05/16/13 05:42	50
Chloromethane	<44		190	44	ug/Kg	☼	05/07/13 11:45	05/16/13 05:42	50
cis-1,2-Dichloroethene	<12		94	12	ug/Kg	☼	05/07/13 11:45	05/16/13 05:42	50
cis-1,3-Dichloropropene	<17		94	17	ug/Kg	☼	05/07/13 11:45	05/16/13 05:42	50
Dibromochloromethane	<33		190	33	ug/Kg	☼	05/07/13 11:45	05/16/13 05:42	50
Dibromomethane	<45		190	45	ug/Kg	☼	05/07/13 11:45	05/16/13 05:42	50
Dichlorodifluoromethane	<48		190	48	ug/Kg	☼	05/07/13 11:45	05/16/13 05:42	50
Ethylbenzene	590		24	12	ug/Kg	☼	05/07/13 11:45	05/16/13 05:42	50
Hexachlorobutadiene	<33		190	33	ug/Kg	☼	05/07/13 11:45	05/16/13 05:42	50
Isopropyl ether	<14		190	14	ug/Kg	☼	05/07/13 11:45	05/16/13 05:42	50
Isopropylbenzene	77	J	190	24	ug/Kg	☼	05/07/13 11:45	05/16/13 05:42	50
Methyl tert-butyl ether	<41		190	41	ug/Kg	☼	05/07/13 11:45	05/16/13 05:42	50
Methylene Chloride	<64		470	64	ug/Kg	☼	05/07/13 11:45	05/16/13 05:42	50
Naphthalene	1500		190	47	ug/Kg	☼	05/07/13 11:45	05/16/13 05:42	50
n-Butylbenzene	<12		94	12	ug/Kg	☼	05/07/13 11:45	05/16/13 05:42	50
N-Propylbenzene	<17		190	17	ug/Kg	☼	05/07/13 11:45	05/16/13 05:42	50
p-Isopropyltoluene	<17		190	17	ug/Kg	☼	05/07/13 11:45	05/16/13 05:42	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-56871-1

Client Sample ID: SB-719 15'

Lab Sample ID: 500-56871-10

Date Collected: 05/07/13 13:10

Matrix: Solid

Date Received: 05/10/13 10:30

Percent Solids: 84.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<15		94	15	ug/Kg	☼	05/07/13 11:45	05/16/13 05:42	50
Styrene	<9.3		94	9.3	ug/Kg	☼	05/07/13 11:45	05/16/13 05:42	50
tert-Butylbenzene	<13		94	13	ug/Kg	☼	05/07/13 11:45	05/16/13 05:42	50
Tetrachloroethene	<16		94	16	ug/Kg	☼	05/07/13 11:45	05/16/13 05:42	50
Toluene	<11		24	11	ug/Kg	☼	05/07/13 11:45	05/16/13 05:42	50
trans-1,2-Dichloroethene	<24		94	24	ug/Kg	☼	05/07/13 11:45	05/16/13 05:42	50
trans-1,3-Dichloropropene	<20		94	20	ug/Kg	☼	05/07/13 11:45	05/16/13 05:42	50
Trichloroethene	<18		47	18	ug/Kg	☼	05/07/13 11:45	05/16/13 05:42	50
Trichlorofluoromethane	<39		190	39	ug/Kg	☼	05/07/13 11:45	05/16/13 05:42	50
Vinyl chloride	<9.8		24	9.8	ug/Kg	☼	05/07/13 11:45	05/16/13 05:42	50
Xylenes, Total	250		47	6.5	ug/Kg	☼	05/07/13 11:45	05/16/13 05:42	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		75 - 125	05/07/13 11:45	05/16/13 05:42	50
4-Bromofluorobenzene (Surr)	98		75 - 120	05/07/13 11:45	05/16/13 05:42	50
Dibromofluoromethane	93		75 - 120	05/07/13 11:45	05/16/13 05:42	50
Toluene-d8 (Surr)	93		75 - 120	05/07/13 11:45	05/16/13 05:42	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	2300		38	19	ug/Kg	☼	05/15/13 07:14	05/21/13 16:12	1
2-Methylnaphthalene	460		190	49	ug/Kg	☼	05/15/13 07:14	05/21/13 16:12	1
Acenaphthene	2800		38	11	ug/Kg	☼	05/15/13 07:14	05/21/13 16:12	1
Acenaphthylene	32	J	38	8.7	ug/Kg	☼	05/15/13 07:14	05/21/13 16:12	1
Anthracene	130		38	8.9	ug/Kg	☼	05/15/13 07:14	05/21/13 16:12	1
Benzo[a]anthracene	<7.9		38	7.9	ug/Kg	☼	05/15/13 07:14	05/21/13 16:12	1
Benzo[a]pyrene	<6.9		38	6.9	ug/Kg	☼	05/15/13 07:14	05/21/13 16:12	1
Benzo[b]fluoranthene	<7.3		38	7.3	ug/Kg	☼	05/15/13 07:14	05/21/13 16:12	1
Benzo[g,h,i]perylene	<13		38	13	ug/Kg	☼	05/15/13 07:14	05/21/13 16:12	1
Benzo[k]fluoranthene	<9.0		38	9.0	ug/Kg	☼	05/15/13 07:14	05/21/13 16:12	1
Chrysene	<8.5		38	8.5	ug/Kg	☼	05/15/13 07:14	05/21/13 16:12	1
Dibenz(a,h)anthracene	<11		38	11	ug/Kg	☼	05/15/13 07:14	05/21/13 16:12	1
Fluoranthene	77		38	15	ug/Kg	☼	05/15/13 07:14	05/21/13 16:12	1
Fluorene	2000		38	8.6	ug/Kg	☼	05/15/13 07:14	05/21/13 16:12	1
Indeno[1,2,3-cd]pyrene	<13		38	13	ug/Kg	☼	05/15/13 07:14	05/21/13 16:12	1
Phenanthrene	1700		38	16	ug/Kg	☼	05/15/13 07:14	05/21/13 16:12	1
Pyrene	43		38	14	ug/Kg	☼	05/15/13 07:14	05/21/13 16:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	71		30 - 119	05/15/13 07:14	05/21/13 16:12	1
Nitrobenzene-d5 (Surr)	83		30 - 115	05/15/13 07:14	05/21/13 16:12	1
Terphenyl-d14 (Surr)	79		36 - 134	05/15/13 07:14	05/21/13 16:12	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	16000		380	73	ug/Kg	☼	05/15/13 07:14	05/22/13 11:32	10

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-56871-1

Client Sample ID: SB-720 15'

Lab Sample ID: 500-56871-11

Date Collected: 05/07/13 13:50

Matrix: Solid

Date Received: 05/10/13 10:30

Percent Solids: 84.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<33		190	33	ug/Kg	☼	05/07/13 11:45	05/16/13 06:06	50
1,1,1-Trichloroethane	<19		94	19	ug/Kg	☼	05/07/13 11:45	05/16/13 06:06	50
1,1,1,2,2-Tetrachloroethane	<22		94	22	ug/Kg	☼	05/07/13 11:45	05/16/13 06:06	50
1,1,1,2-Trichloroethane	<26		94	26	ug/Kg	☼	05/07/13 11:45	05/16/13 06:06	50
1,1-Dichloroethane	<17		94	17	ug/Kg	☼	05/07/13 11:45	05/16/13 06:06	50
1,1-Dichloroethene	<29		94	29	ug/Kg	☼	05/07/13 11:45	05/16/13 06:06	50
1,1-Dichloropropene	<32		94	32	ug/Kg	☼	05/07/13 11:45	05/16/13 06:06	50
1,2,3-Trichlorobenzene	<33		190	33	ug/Kg	☼	05/07/13 11:45	05/16/13 06:06	50
1,2,3-Trichloropropane	<54 *		190	54	ug/Kg	☼	05/07/13 11:45	05/16/13 06:06	50
1,2,4-Trichlorobenzene	<36		190	36	ug/Kg	☼	05/07/13 11:45	05/16/13 06:06	50
1,2,4-Trimethylbenzene	<20		190	20	ug/Kg	☼	05/07/13 11:45	05/16/13 06:06	50
1,2-Dibromo-3-Chloropropane	<82		190	82	ug/Kg	☼	05/07/13 11:45	05/16/13 06:06	50
1,2-Dibromoethane	<30		190	30	ug/Kg	☼	05/07/13 11:45	05/16/13 06:06	50
1,2-Dichlorobenzene	<19		190	19	ug/Kg	☼	05/07/13 11:45	05/16/13 06:06	50
1,2-Dichloroethane	<27		94	27	ug/Kg	☼	05/07/13 11:45	05/16/13 06:06	50
1,2-Dichloropropane	<18		94	18	ug/Kg	☼	05/07/13 11:45	05/16/13 06:06	50
1,3,5-Trimethylbenzene	<19		190	19	ug/Kg	☼	05/07/13 11:45	05/16/13 06:06	50
1,3-Dichlorobenzene	<24		190	24	ug/Kg	☼	05/07/13 11:45	05/16/13 06:06	50
1,3-Dichloropropane	<13		94	13	ug/Kg	☼	05/07/13 11:45	05/16/13 06:06	50
1,4-Dichlorobenzene	<16		190	16	ug/Kg	☼	05/07/13 11:45	05/16/13 06:06	50
2,2-Dichloropropane	<30		94	30	ug/Kg	☼	05/07/13 11:45	05/16/13 06:06	50
2-Chlorotoluene	<20		94	20	ug/Kg	☼	05/07/13 11:45	05/16/13 06:06	50
4-Chlorotoluene	<19		94	19	ug/Kg	☼	05/07/13 11:45	05/16/13 06:06	50
Benzene	<7.0		24	7.0	ug/Kg	☼	05/07/13 11:45	05/16/13 06:06	50
Bromobenzene	<40		190	40	ug/Kg	☼	05/07/13 11:45	05/16/13 06:06	50
Bromochloromethane	<36		190	36	ug/Kg	☼	05/07/13 11:45	05/16/13 06:06	50
Bromodichloromethane	<32		190	32	ug/Kg	☼	05/07/13 11:45	05/16/13 06:06	50
Bromoform	<42		190	42	ug/Kg	☼	05/07/13 11:45	05/16/13 06:06	50
Bromomethane	<64		190	64	ug/Kg	☼	05/07/13 11:45	05/16/13 06:06	50
Carbon tetrachloride	<24		94	24	ug/Kg	☼	05/07/13 11:45	05/16/13 06:06	50
Chlorobenzene	<13		94	13	ug/Kg	☼	05/07/13 11:45	05/16/13 06:06	50
Chloroethane	<41		190	41	ug/Kg	☼	05/07/13 11:45	05/16/13 06:06	50
Chloroform	<19		94	19	ug/Kg	☼	05/07/13 11:45	05/16/13 06:06	50
Chloromethane	<44		190	44	ug/Kg	☼	05/07/13 11:45	05/16/13 06:06	50
cis-1,2-Dichloroethene	<12		94	12	ug/Kg	☼	05/07/13 11:45	05/16/13 06:06	50
cis-1,3-Dichloropropene	<17		94	17	ug/Kg	☼	05/07/13 11:45	05/16/13 06:06	50
Dibromochloromethane	<33		190	33	ug/Kg	☼	05/07/13 11:45	05/16/13 06:06	50
Dibromomethane	<45		190	45	ug/Kg	☼	05/07/13 11:45	05/16/13 06:06	50
Dichlorodifluoromethane	<48		190	48	ug/Kg	☼	05/07/13 11:45	05/16/13 06:06	50
Ethylbenzene	<12		24	12	ug/Kg	☼	05/07/13 11:45	05/16/13 06:06	50
Hexachlorobutadiene	<33		190	33	ug/Kg	☼	05/07/13 11:45	05/16/13 06:06	50
Isopropyl ether	<14		190	14	ug/Kg	☼	05/07/13 11:45	05/16/13 06:06	50
Isopropylbenzene	<24		190	24	ug/Kg	☼	05/07/13 11:45	05/16/13 06:06	50
Methyl tert-butyl ether	<41		190	41	ug/Kg	☼	05/07/13 11:45	05/16/13 06:06	50
Methylene Chloride	<64		470	64	ug/Kg	☼	05/07/13 11:45	05/16/13 06:06	50
Naphthalene	<47		190	47	ug/Kg	☼	05/07/13 11:45	05/16/13 06:06	50
n-Butylbenzene	<12		94	12	ug/Kg	☼	05/07/13 11:45	05/16/13 06:06	50
N-Propylbenzene	<16		190	16	ug/Kg	☼	05/07/13 11:45	05/16/13 06:06	50
p-Isopropyltoluene	<17		190	17	ug/Kg	☼	05/07/13 11:45	05/16/13 06:06	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-56871-1

Client Sample ID: SB-720 15'

Lab Sample ID: 500-56871-11

Date Collected: 05/07/13 13:50

Matrix: Solid

Date Received: 05/10/13 10:30

Percent Solids: 84.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<15		94	15	ug/Kg	☼	05/07/13 11:45	05/16/13 06:06	50
Styrene	<9.3		94	9.3	ug/Kg	☼	05/07/13 11:45	05/16/13 06:06	50
tert-Butylbenzene	<13		94	13	ug/Kg	☼	05/07/13 11:45	05/16/13 06:06	50
Tetrachloroethene	<16		94	16	ug/Kg	☼	05/07/13 11:45	05/16/13 06:06	50
Toluene	<11		24	11	ug/Kg	☼	05/07/13 11:45	05/16/13 06:06	50
trans-1,2-Dichloroethene	<24		94	24	ug/Kg	☼	05/07/13 11:45	05/16/13 06:06	50
trans-1,3-Dichloropropene	<20		94	20	ug/Kg	☼	05/07/13 11:45	05/16/13 06:06	50
Trichloroethene	<18		47	18	ug/Kg	☼	05/07/13 11:45	05/16/13 06:06	50
Trichlorofluoromethane	<39		190	39	ug/Kg	☼	05/07/13 11:45	05/16/13 06:06	50
Vinyl chloride	<9.8		24	9.8	ug/Kg	☼	05/07/13 11:45	05/16/13 06:06	50
Xylenes, Total	<6.4		47	6.4	ug/Kg	☼	05/07/13 11:45	05/16/13 06:06	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94		75 - 125				05/07/13 11:45	05/16/13 06:06	50
4-Bromofluorobenzene (Surr)	102		75 - 120				05/07/13 11:45	05/16/13 06:06	50
Dibromofluoromethane	92		75 - 120				05/07/13 11:45	05/16/13 06:06	50
Toluene-d8 (Surr)	99		75 - 120				05/07/13 11:45	05/16/13 06:06	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<19		37	19	ug/Kg	☼	05/15/13 07:14	05/21/13 16:35	1
2-Methylnaphthalene	<48		190	48	ug/Kg	☼	05/15/13 07:14	05/21/13 16:35	1
Acenaphthene	<11		37	11	ug/Kg	☼	05/15/13 07:14	05/21/13 16:35	1
Acenaphthylene	<8.6		37	8.6	ug/Kg	☼	05/15/13 07:14	05/21/13 16:35	1
Anthracene	<8.8		37	8.8	ug/Kg	☼	05/15/13 07:14	05/21/13 16:35	1
Benzo[a]anthracene	<7.8		37	7.8	ug/Kg	☼	05/15/13 07:14	05/21/13 16:35	1
Benzo[a]pyrene	<6.8		37	6.8	ug/Kg	☼	05/15/13 07:14	05/21/13 16:35	1
Benzo[b]fluoranthene	<7.2		37	7.2	ug/Kg	☼	05/15/13 07:14	05/21/13 16:35	1
Benzo[g,h,i]perylene	<13		37	13	ug/Kg	☼	05/15/13 07:14	05/21/13 16:35	1
Benzo[k]fluoranthene	<8.9		37	8.9	ug/Kg	☼	05/15/13 07:14	05/21/13 16:35	1
Chrysene	<8.4		37	8.4	ug/Kg	☼	05/15/13 07:14	05/21/13 16:35	1
Dibenz(a,h)anthracene	<10		37	10	ug/Kg	☼	05/15/13 07:14	05/21/13 16:35	1
Fluoranthene	<15		37	15	ug/Kg	☼	05/15/13 07:14	05/21/13 16:35	1
Fluorene	<8.5		37	8.5	ug/Kg	☼	05/15/13 07:14	05/21/13 16:35	1
Indeno[1,2,3-cd]pyrene	<13		37	13	ug/Kg	☼	05/15/13 07:14	05/21/13 16:35	1
Naphthalene	<7.2		37	7.2	ug/Kg	☼	05/15/13 07:14	05/21/13 16:35	1
Phenanthrene	<16		37	16	ug/Kg	☼	05/15/13 07:14	05/21/13 16:35	1
Pyrene	<13		37	13	ug/Kg	☼	05/15/13 07:14	05/21/13 16:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	70		30 - 119				05/15/13 07:14	05/21/13 16:35	1
Nitrobenzene-d5 (Surr)	56		30 - 115				05/15/13 07:14	05/21/13 16:35	1
Terphenyl-d14 (Surr)	81		36 - 134				05/15/13 07:14	05/21/13 16:35	1

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-56871-1

Client Sample ID: SB-721 15'

Lab Sample ID: 500-56871-12

Date Collected: 05/07/13 14:30

Matrix: Solid

Date Received: 05/10/13 10:30

Percent Solids: 81.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<35		200	35	ug/Kg	☼	05/07/13 11:45	05/16/13 06:31	50
1,1,1-Trichloroethane	<20		100	20	ug/Kg	☼	05/07/13 11:45	05/16/13 06:31	50
1,1,2,2-Tetrachloroethane	<24		100	24	ug/Kg	☼	05/07/13 11:45	05/16/13 06:31	50
1,1,2-Trichloroethane	<28		100	28	ug/Kg	☼	05/07/13 11:45	05/16/13 06:31	50
1,1-Dichloroethane	<19		100	19	ug/Kg	☼	05/07/13 11:45	05/16/13 06:31	50
1,1-Dichloroethene	<31		100	31	ug/Kg	☼	05/07/13 11:45	05/16/13 06:31	50
1,1-Dichloropropene	<35		100	35	ug/Kg	☼	05/07/13 11:45	05/16/13 06:31	50
1,2,3-Trichlorobenzene	<35		200	35	ug/Kg	☼	05/07/13 11:45	05/16/13 06:31	50
1,2,3-Trichloropropane	<58 *		200	58	ug/Kg	☼	05/07/13 11:45	05/16/13 06:31	50
1,2,4-Trichlorobenzene	<38		200	38	ug/Kg	☼	05/07/13 11:45	05/16/13 06:31	50
1,2,4-Trimethylbenzene	<21		200	21	ug/Kg	☼	05/07/13 11:45	05/16/13 06:31	50
1,2-Dibromo-3-Chloropropane	<88		200	88	ug/Kg	☼	05/07/13 11:45	05/16/13 06:31	50
1,2-Dibromoethane	<32		200	32	ug/Kg	☼	05/07/13 11:45	05/16/13 06:31	50
1,2-Dichlorobenzene	<21		200	21	ug/Kg	☼	05/07/13 11:45	05/16/13 06:31	50
1,2-Dichloroethane	<29		100	29	ug/Kg	☼	05/07/13 11:45	05/16/13 06:31	50
1,2-Dichloropropane	<20		100	20	ug/Kg	☼	05/07/13 11:45	05/16/13 06:31	50
1,3,5-Trimethylbenzene	<21		200	21	ug/Kg	☼	05/07/13 11:45	05/16/13 06:31	50
1,3-Dichlorobenzene	<26		200	26	ug/Kg	☼	05/07/13 11:45	05/16/13 06:31	50
1,3-Dichloropropane	<14		100	14	ug/Kg	☼	05/07/13 11:45	05/16/13 06:31	50
1,4-Dichlorobenzene	<18		200	18	ug/Kg	☼	05/07/13 11:45	05/16/13 06:31	50
2,2-Dichloropropane	<32		100	32	ug/Kg	☼	05/07/13 11:45	05/16/13 06:31	50
2-Chlorotoluene	<21		100	21	ug/Kg	☼	05/07/13 11:45	05/16/13 06:31	50
4-Chlorotoluene	<20		100	20	ug/Kg	☼	05/07/13 11:45	05/16/13 06:31	50
Benzene	<7.5		25	7.5	ug/Kg	☼	05/07/13 11:45	05/16/13 06:31	50
Bromobenzene	<43		200	43	ug/Kg	☼	05/07/13 11:45	05/16/13 06:31	50
Bromochloromethane	<38		200	38	ug/Kg	☼	05/07/13 11:45	05/16/13 06:31	50
Bromodichloromethane	<34		200	34	ug/Kg	☼	05/07/13 11:45	05/16/13 06:31	50
Bromoform	<45		200	45	ug/Kg	☼	05/07/13 11:45	05/16/13 06:31	50
Bromomethane	<69		200	69	ug/Kg	☼	05/07/13 11:45	05/16/13 06:31	50
Carbon tetrachloride	<26		100	26	ug/Kg	☼	05/07/13 11:45	05/16/13 06:31	50
Chlorobenzene	<14		100	14	ug/Kg	☼	05/07/13 11:45	05/16/13 06:31	50
Chloroethane	<44		200	44	ug/Kg	☼	05/07/13 11:45	05/16/13 06:31	50
Chloroform	<21		100	21	ug/Kg	☼	05/07/13 11:45	05/16/13 06:31	50
Chloromethane	<47		200	47	ug/Kg	☼	05/07/13 11:45	05/16/13 06:31	50
cis-1,2-Dichloroethene	<12		100	12	ug/Kg	☼	05/07/13 11:45	05/16/13 06:31	50
cis-1,3-Dichloropropene	<18		100	18	ug/Kg	☼	05/07/13 11:45	05/16/13 06:31	50
Dibromochloromethane	<35		200	35	ug/Kg	☼	05/07/13 11:45	05/16/13 06:31	50
Dibromomethane	<49		200	49	ug/Kg	☼	05/07/13 11:45	05/16/13 06:31	50
Dichlorodifluoromethane	<52		200	52	ug/Kg	☼	05/07/13 11:45	05/16/13 06:31	50
Ethylbenzene	<13		25	13	ug/Kg	☼	05/07/13 11:45	05/16/13 06:31	50
Hexachlorobutadiene	<35		200	35	ug/Kg	☼	05/07/13 11:45	05/16/13 06:31	50
Isopropyl ether	<15		200	15	ug/Kg	☼	05/07/13 11:45	05/16/13 06:31	50
Isopropylbenzene	<25		200	25	ug/Kg	☼	05/07/13 11:45	05/16/13 06:31	50
Methyl tert-butyl ether	<44		200	44	ug/Kg	☼	05/07/13 11:45	05/16/13 06:31	50
Methylene Chloride	<69		510	69	ug/Kg	☼	05/07/13 11:45	05/16/13 06:31	50
Naphthalene	<50		200	50	ug/Kg	☼	05/07/13 11:45	05/16/13 06:31	50
n-Butylbenzene	<13		100	13	ug/Kg	☼	05/07/13 11:45	05/16/13 06:31	50
N-Propylbenzene	<18		200	18	ug/Kg	☼	05/07/13 11:45	05/16/13 06:31	50
p-Isopropyltoluene	<19		200	19	ug/Kg	☼	05/07/13 11:45	05/16/13 06:31	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-56871-1

Client Sample ID: SB-721 15'

Lab Sample ID: 500-56871-12

Date Collected: 05/07/13 14:30

Matrix: Solid

Date Received: 05/10/13 10:30

Percent Solids: 81.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<16		100	16	ug/Kg	☼	05/07/13 11:45	05/16/13 06:31	50
Styrene	<10		100	10	ug/Kg	☼	05/07/13 11:45	05/16/13 06:31	50
tert-Butylbenzene	<14		100	14	ug/Kg	☼	05/07/13 11:45	05/16/13 06:31	50
Tetrachloroethene	<17		100	17	ug/Kg	☼	05/07/13 11:45	05/16/13 06:31	50
Toluene	<12		25	12	ug/Kg	☼	05/07/13 11:45	05/16/13 06:31	50
trans-1,2-Dichloroethene	<25		100	25	ug/Kg	☼	05/07/13 11:45	05/16/13 06:31	50
trans-1,3-Dichloropropene	<21		100	21	ug/Kg	☼	05/07/13 11:45	05/16/13 06:31	50
Trichloroethene	<19		51	19	ug/Kg	☼	05/07/13 11:45	05/16/13 06:31	50
Trichlorofluoromethane	<42		200	42	ug/Kg	☼	05/07/13 11:45	05/16/13 06:31	50
Vinyl chloride	<11		25	11	ug/Kg	☼	05/07/13 11:45	05/16/13 06:31	50
Xylenes, Total	<6.9		51	6.9	ug/Kg	☼	05/07/13 11:45	05/16/13 06:31	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	92		75 - 125				05/07/13 11:45	05/16/13 06:31	50
4-Bromofluorobenzene (Surr)	103		75 - 120				05/07/13 11:45	05/16/13 06:31	50
Dibromofluoromethane	93		75 - 120				05/07/13 11:45	05/16/13 06:31	50
Toluene-d8 (Surr)	94		75 - 120				05/07/13 11:45	05/16/13 06:31	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<20		40	20	ug/Kg	☼	05/15/13 07:14	05/21/13 16:58	1
2-Methylnaphthalene	<52		200	52	ug/Kg	☼	05/15/13 07:14	05/21/13 16:58	1
Acenaphthene	<12		40	12	ug/Kg	☼	05/15/13 07:14	05/21/13 16:58	1
Acenaphthylene	<9.1		40	9.1	ug/Kg	☼	05/15/13 07:14	05/21/13 16:58	1
Anthracene	<9.4		40	9.4	ug/Kg	☼	05/15/13 07:14	05/21/13 16:58	1
Benzo[a]anthracene	<8.3		40	8.3	ug/Kg	☼	05/15/13 07:14	05/21/13 16:58	1
Benzo[a]pyrene	<7.2		40	7.2	ug/Kg	☼	05/15/13 07:14	05/21/13 16:58	1
Benzo[b]fluoranthene	<7.7		40	7.7	ug/Kg	☼	05/15/13 07:14	05/21/13 16:58	1
Benzo[g,h,i]perylene	<13		40	13	ug/Kg	☼	05/15/13 07:14	05/21/13 16:58	1
Benzo[k]fluoranthene	<9.5		40	9.5	ug/Kg	☼	05/15/13 07:14	05/21/13 16:58	1
Chrysene	<9.0		40	9.0	ug/Kg	☼	05/15/13 07:14	05/21/13 16:58	1
Dibenz(a,h)anthracene	<11		40	11	ug/Kg	☼	05/15/13 07:14	05/21/13 16:58	1
Fluoranthene	<16		40	16	ug/Kg	☼	05/15/13 07:14	05/21/13 16:58	1
Fluorene	<9.0		40	9.0	ug/Kg	☼	05/15/13 07:14	05/21/13 16:58	1
Indeno[1,2,3-cd]pyrene	<13		40	13	ug/Kg	☼	05/15/13 07:14	05/21/13 16:58	1
Naphthalene	17	J	40	7.7	ug/Kg	☼	05/15/13 07:14	05/21/13 16:58	1
Phenanthrene	25	J	40	17	ug/Kg	☼	05/15/13 07:14	05/21/13 16:58	1
Pyrene	<14		40	14	ug/Kg	☼	05/15/13 07:14	05/21/13 16:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	53		30 - 119				05/15/13 07:14	05/21/13 16:58	1
Nitrobenzene-d5 (Surr)	46		30 - 115				05/15/13 07:14	05/21/13 16:58	1
Terphenyl-d14 (Surr)	71		36 - 134				05/15/13 07:14	05/21/13 16:58	1

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-56871-1

Client Sample ID: SB-722 15'

Lab Sample ID: 500-56871-13

Date Collected: 05/07/13 15:20

Matrix: Solid

Date Received: 05/10/13 10:30

Percent Solids: 83.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<34		200	34	ug/Kg	☼	05/07/13 11:45	05/16/13 06:56	50
1,1,1-Trichloroethane	<20		98	20	ug/Kg	☼	05/07/13 11:45	05/16/13 06:56	50
1,1,1,2,2-Tetrachloroethane	<23		98	23	ug/Kg	☼	05/07/13 11:45	05/16/13 06:56	50
1,1,2-Trichloroethane	<27		98	27	ug/Kg	☼	05/07/13 11:45	05/16/13 06:56	50
1,1-Dichloroethane	<18		98	18	ug/Kg	☼	05/07/13 11:45	05/16/13 06:56	50
1,1-Dichloroethene	<30		98	30	ug/Kg	☼	05/07/13 11:45	05/16/13 06:56	50
1,1-Dichloropropene	<34		98	34	ug/Kg	☼	05/07/13 11:45	05/16/13 06:56	50
1,2,3-Trichlorobenzene	<34		200	34	ug/Kg	☼	05/07/13 11:45	05/16/13 06:56	50
1,2,3-Trichloropropane	<56 *		200	56	ug/Kg	☼	05/07/13 11:45	05/16/13 06:56	50
1,2,4-Trichlorobenzene	<37		200	37	ug/Kg	☼	05/07/13 11:45	05/16/13 06:56	50
1,2,4-Trimethylbenzene	<21		200	21	ug/Kg	☼	05/07/13 11:45	05/16/13 06:56	50
1,2-Dibromo-3-Chloropropane	<86		200	86	ug/Kg	☼	05/07/13 11:45	05/16/13 06:56	50
1,2-Dibromoethane	<31		200	31	ug/Kg	☼	05/07/13 11:45	05/16/13 06:56	50
1,2-Dichlorobenzene	<20		200	20	ug/Kg	☼	05/07/13 11:45	05/16/13 06:56	50
1,2-Dichloroethane	<28		98	28	ug/Kg	☼	05/07/13 11:45	05/16/13 06:56	50
1,2-Dichloropropane	<19		98	19	ug/Kg	☼	05/07/13 11:45	05/16/13 06:56	50
1,3,5-Trimethylbenzene	<20		200	20	ug/Kg	☼	05/07/13 11:45	05/16/13 06:56	50
1,3-Dichlorobenzene	<25		200	25	ug/Kg	☼	05/07/13 11:45	05/16/13 06:56	50
1,3-Dichloropropane	<13		98	13	ug/Kg	☼	05/07/13 11:45	05/16/13 06:56	50
1,4-Dichlorobenzene	<17		200	17	ug/Kg	☼	05/07/13 11:45	05/16/13 06:56	50
2,2-Dichloropropane	<31		98	31	ug/Kg	☼	05/07/13 11:45	05/16/13 06:56	50
2-Chlorotoluene	<20		98	20	ug/Kg	☼	05/07/13 11:45	05/16/13 06:56	50
4-Chlorotoluene	<19		98	19	ug/Kg	☼	05/07/13 11:45	05/16/13 06:56	50
Benzene	<7.3		25	7.3	ug/Kg	☼	05/07/13 11:45	05/16/13 06:56	50
Bromobenzene	<42		200	42	ug/Kg	☼	05/07/13 11:45	05/16/13 06:56	50
Bromochloromethane	<37		200	37	ug/Kg	☼	05/07/13 11:45	05/16/13 06:56	50
Bromodichloromethane	<33		200	33	ug/Kg	☼	05/07/13 11:45	05/16/13 06:56	50
Bromoform	<43		200	43	ug/Kg	☼	05/07/13 11:45	05/16/13 06:56	50
Bromomethane	<67		200	67	ug/Kg	☼	05/07/13 11:45	05/16/13 06:56	50
Carbon tetrachloride	<25		98	25	ug/Kg	☼	05/07/13 11:45	05/16/13 06:56	50
Chlorobenzene	<14		98	14	ug/Kg	☼	05/07/13 11:45	05/16/13 06:56	50
Chloroethane	<43		200	43	ug/Kg	☼	05/07/13 11:45	05/16/13 06:56	50
Chloroform	<20		98	20	ug/Kg	☼	05/07/13 11:45	05/16/13 06:56	50
Chloromethane	<45		200	45	ug/Kg	☼	05/07/13 11:45	05/16/13 06:56	50
cis-1,2-Dichloroethene	<12		98	12	ug/Kg	☼	05/07/13 11:45	05/16/13 06:56	50
cis-1,3-Dichloropropene	<18		98	18	ug/Kg	☼	05/07/13 11:45	05/16/13 06:56	50
Dibromochloromethane	<34		200	34	ug/Kg	☼	05/07/13 11:45	05/16/13 06:56	50
Dibromomethane	<47		200	47	ug/Kg	☼	05/07/13 11:45	05/16/13 06:56	50
Dichlorodifluoromethane	<50		200	50	ug/Kg	☼	05/07/13 11:45	05/16/13 06:56	50
Ethylbenzene	<12		25	12	ug/Kg	☼	05/07/13 11:45	05/16/13 06:56	50
Hexachlorobutadiene	<34		200	34	ug/Kg	☼	05/07/13 11:45	05/16/13 06:56	50
Isopropyl ether	<14		200	14	ug/Kg	☼	05/07/13 11:45	05/16/13 06:56	50
Isopropylbenzene	<25		200	25	ug/Kg	☼	05/07/13 11:45	05/16/13 06:56	50
Methyl tert-butyl ether	<42		200	42	ug/Kg	☼	05/07/13 11:45	05/16/13 06:56	50
Methylene Chloride	<67		490	67	ug/Kg	☼	05/07/13 11:45	05/16/13 06:56	50
Naphthalene	<49		200	49	ug/Kg	☼	05/07/13 11:45	05/16/13 06:56	50
n-Butylbenzene	<13		98	13	ug/Kg	☼	05/07/13 11:45	05/16/13 06:56	50
N-Propylbenzene	<17		200	17	ug/Kg	☼	05/07/13 11:45	05/16/13 06:56	50
p-Isopropyltoluene	<18		200	18	ug/Kg	☼	05/07/13 11:45	05/16/13 06:56	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-56871-1

Client Sample ID: SB-722 15'

Lab Sample ID: 500-56871-13

Date Collected: 05/07/13 15:20

Matrix: Solid

Date Received: 05/10/13 10:30

Percent Solids: 83.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<15		98	15	ug/Kg	☼	05/07/13 11:45	05/16/13 06:56	50
Styrene	<9.7		98	9.7	ug/Kg	☼	05/07/13 11:45	05/16/13 06:56	50
tert-Butylbenzene	<13		98	13	ug/Kg	☼	05/07/13 11:45	05/16/13 06:56	50
Tetrachloroethene	<16		98	16	ug/Kg	☼	05/07/13 11:45	05/16/13 06:56	50
Toluene	35		25	11	ug/Kg	☼	05/07/13 11:45	05/16/13 06:56	50
trans-1,2-Dichloroethene	<25		98	25	ug/Kg	☼	05/07/13 11:45	05/16/13 06:56	50
trans-1,3-Dichloropropene	<20		98	20	ug/Kg	☼	05/07/13 11:45	05/16/13 06:56	50
Trichloroethene	<18		49	18	ug/Kg	☼	05/07/13 11:45	05/16/13 06:56	50
Trichlorofluoromethane	<41		200	41	ug/Kg	☼	05/07/13 11:45	05/16/13 06:56	50
Vinyl chloride	<10		25	10	ug/Kg	☼	05/07/13 11:45	05/16/13 06:56	50
Xylenes, Total	<6.7		49	6.7	ug/Kg	☼	05/07/13 11:45	05/16/13 06:56	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		75 - 125				05/07/13 11:45	05/16/13 06:56	50
4-Bromofluorobenzene (Surr)	101		75 - 120				05/07/13 11:45	05/16/13 06:56	50
Dibromofluoromethane	96		75 - 120				05/07/13 11:45	05/16/13 06:56	50
Toluene-d8 (Surr)	92		75 - 120				05/07/13 11:45	05/16/13 06:56	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<20		39	20	ug/Kg	☼	05/15/13 07:14	05/21/13 17:20	1
2-Methylnaphthalene	<51		200	51	ug/Kg	☼	05/15/13 07:14	05/21/13 17:20	1
Acenaphthene	<12		39	12	ug/Kg	☼	05/15/13 07:14	05/21/13 17:20	1
Acenaphthylene	<9.1		39	9.1	ug/Kg	☼	05/15/13 07:14	05/21/13 17:20	1
Anthracene	16 J		39	9.3	ug/Kg	☼	05/15/13 07:14	05/21/13 17:20	1
Benzo[a]anthracene	8.9 J		39	8.3	ug/Kg	☼	05/15/13 07:14	05/21/13 17:20	1
Benzo[a]pyrene	<7.2		39	7.2	ug/Kg	☼	05/15/13 07:14	05/21/13 17:20	1
Benzo[b]fluoranthene	<7.7		39	7.7	ug/Kg	☼	05/15/13 07:14	05/21/13 17:20	1
Benzo[g,h,i]perylene	<13		39	13	ug/Kg	☼	05/15/13 07:14	05/21/13 17:20	1
Benzo[k]fluoranthene	<9.4		39	9.4	ug/Kg	☼	05/15/13 07:14	05/21/13 17:20	1
Chrysene	20 J		39	8.9	ug/Kg	☼	05/15/13 07:14	05/21/13 17:20	1
Dibenz(a,h)anthracene	<11		39	11	ug/Kg	☼	05/15/13 07:14	05/21/13 17:20	1
Fluoranthene	23 J		39	16	ug/Kg	☼	05/15/13 07:14	05/21/13 17:20	1
Fluorene	<9.0		39	9.0	ug/Kg	☼	05/15/13 07:14	05/21/13 17:20	1
Indeno[1,2,3-cd]pyrene	<13		39	13	ug/Kg	☼	05/15/13 07:14	05/21/13 17:20	1
Naphthalene	12 J		39	7.6	ug/Kg	☼	05/15/13 07:14	05/21/13 17:20	1
Phenanthrene	34 J		39	17	ug/Kg	☼	05/15/13 07:14	05/21/13 17:20	1
Pyrene	22 J		39	14	ug/Kg	☼	05/15/13 07:14	05/21/13 17:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	68		30 - 119				05/15/13 07:14	05/21/13 17:20	1
Nitrobenzene-d5 (Surr)	60		30 - 115				05/15/13 07:14	05/21/13 17:20	1
Terphenyl-d14 (Surr)	80		36 - 134				05/15/13 07:14	05/21/13 17:20	1

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-56871-1

Client Sample ID: SB-723 15

Lab Sample ID: 500-56871-14

Date Collected: 05/07/13 15:50

Matrix: Solid

Date Received: 05/10/13 10:30

Percent Solids: 82.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<33		190	33	ug/Kg	*	05/07/13 11:45	05/16/13 15:39	50
1,1,1-Trichloroethane	<19		95	19	ug/Kg	*	05/07/13 11:45	05/16/13 15:39	50
1,1,1,2,2-Tetrachloroethane	<22		95	22	ug/Kg	*	05/07/13 11:45	05/16/13 15:39	50
1,1,1,2-Trichloroethane	<27		95	27	ug/Kg	*	05/07/13 11:45	05/16/13 15:39	50
1,1-Dichloroethane	<18		95	18	ug/Kg	*	05/07/13 11:45	05/16/13 15:39	50
1,1-Dichloroethene	<29		95	29	ug/Kg	*	05/07/13 11:45	05/16/13 15:39	50
1,1-Dichloropropene	<33		95	33	ug/Kg	*	05/07/13 11:45	05/16/13 15:39	50
1,2,3-Trichlorobenzene	<33		190	33	ug/Kg	*	05/07/13 11:45	05/16/13 15:39	50
1,2,3-Trichloropropane	<55		190	55	ug/Kg	*	05/07/13 11:45	05/16/13 15:39	50
1,2,4-Trichlorobenzene	<36		190	36	ug/Kg	*	05/07/13 11:45	05/16/13 15:39	50
1,2,4-Trimethylbenzene	<20		190	20	ug/Kg	*	05/07/13 11:45	05/16/13 15:39	50
1,2-Dibromo-3-Chloropropane	<83		190	83	ug/Kg	*	05/07/13 11:45	05/16/13 15:39	50
1,2-Dibromoethane	<30		190	30	ug/Kg	*	05/07/13 11:45	05/16/13 15:39	50
1,2-Dichlorobenzene	<19		190	19	ug/Kg	*	05/07/13 11:45	05/16/13 15:39	50
1,2-Dichloroethane	<27		95	27	ug/Kg	*	05/07/13 11:45	05/16/13 15:39	50
1,2-Dichloropropane	<19		95	19	ug/Kg	*	05/07/13 11:45	05/16/13 15:39	50
1,3,5-Trimethylbenzene	73	J	190	20	ug/Kg	*	05/07/13 11:45	05/16/13 15:39	50
1,3-Dichlorobenzene	<24		190	24	ug/Kg	*	05/07/13 11:45	05/16/13 15:39	50
1,3-Dichloropropane	<13		95	13	ug/Kg	*	05/07/13 11:45	05/16/13 15:39	50
1,4-Dichlorobenzene	<17		190	17	ug/Kg	*	05/07/13 11:45	05/16/13 15:39	50
2,2-Dichloropropane	<30		95	30	ug/Kg	*	05/07/13 11:45	05/16/13 15:39	50
2-Chlorotoluene	<20		95	20	ug/Kg	*	05/07/13 11:45	05/16/13 15:39	50
4-Chlorotoluene	<19		95	19	ug/Kg	*	05/07/13 11:45	05/16/13 15:39	50
Benzene	<7.1		24	7.1	ug/Kg	*	05/07/13 11:45	05/16/13 15:39	50
Bromobenzene	<40		190	40	ug/Kg	*	05/07/13 11:45	05/16/13 15:39	50
Bromochloromethane	<36		190	36	ug/Kg	*	05/07/13 11:45	05/16/13 15:39	50
Bromodichloromethane	<32		190	32	ug/Kg	*	05/07/13 11:45	05/16/13 15:39	50
Bromoform	<42		190	42	ug/Kg	*	05/07/13 11:45	05/16/13 15:39	50
Bromomethane	<65		190	65	ug/Kg	*	05/07/13 11:45	05/16/13 15:39	50
Carbon tetrachloride	<24		95	24	ug/Kg	*	05/07/13 11:45	05/16/13 15:39	50
Chlorobenzene	<14		95	14	ug/Kg	*	05/07/13 11:45	05/16/13 15:39	50
Chloroethane	<41		190	41	ug/Kg	*	05/07/13 11:45	05/16/13 15:39	50
Chloroform	<19		95	19	ug/Kg	*	05/07/13 11:45	05/16/13 15:39	50
Chloromethane	<44		190	44	ug/Kg	*	05/07/13 11:45	05/16/13 15:39	50
cis-1,2-Dichloroethene	<12		95	12	ug/Kg	*	05/07/13 11:45	05/16/13 15:39	50
cis-1,3-Dichloropropene	<17		95	17	ug/Kg	*	05/07/13 11:45	05/16/13 15:39	50
Dibromochloromethane	<33		190	33	ug/Kg	*	05/07/13 11:45	05/16/13 15:39	50
Dibromomethane	<46		190	46	ug/Kg	*	05/07/13 11:45	05/16/13 15:39	50
Dichlorodifluoromethane	<49		190	49	ug/Kg	*	05/07/13 11:45	05/16/13 15:39	50
Ethylbenzene	30		24	12	ug/Kg	*	05/07/13 11:45	05/16/13 15:39	50
Hexachlorobutadiene	<33		190	33	ug/Kg	*	05/07/13 11:45	05/16/13 15:39	50
Isopropyl ether	<14		190	14	ug/Kg	*	05/07/13 11:45	05/16/13 15:39	50
Isopropylbenzene	87	J	190	24	ug/Kg	*	05/07/13 11:45	05/16/13 15:39	50
Methyl tert-butyl ether	<41		190	41	ug/Kg	*	05/07/13 11:45	05/16/13 15:39	50
Methylene Chloride	<65		480	65	ug/Kg	*	05/07/13 11:45	05/16/13 15:39	50
n-Butylbenzene	<12		95	12	ug/Kg	*	05/07/13 11:45	05/16/13 15:39	50
N-Propylbenzene	<17		190	17	ug/Kg	*	05/07/13 11:45	05/16/13 15:39	50
p-Isopropyltoluene	<18		190	18	ug/Kg	*	05/07/13 11:45	05/16/13 15:39	50
sec-Butylbenzene	<15		95	15	ug/Kg	*	05/07/13 11:45	05/16/13 15:39	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-56871-1

Client Sample ID: SB-723 15

Lab Sample ID: 500-56871-14

Date Collected: 05/07/13 15:50

Matrix: Solid

Date Received: 05/10/13 10:30

Percent Solids: 82.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	<9.4		95	9.4	ug/Kg	☼	05/07/13 11:45	05/16/13 15:39	50
tert-Butylbenzene	<13		95	13	ug/Kg	☼	05/07/13 11:45	05/16/13 15:39	50
Tetrachloroethene	<16		95	16	ug/Kg	☼	05/07/13 11:45	05/16/13 15:39	50
Toluene	<11		24	11	ug/Kg	☼	05/07/13 11:45	05/16/13 15:39	50
trans-1,2-Dichloroethene	<24		95	24	ug/Kg	☼	05/07/13 11:45	05/16/13 15:39	50
trans-1,3-Dichloropropene	<20		95	20	ug/Kg	☼	05/07/13 11:45	05/16/13 15:39	50
Trichloroethene	<18		48	18	ug/Kg	☼	05/07/13 11:45	05/16/13 15:39	50
Trichlorofluoromethane	<39		190	39	ug/Kg	☼	05/07/13 11:45	05/16/13 15:39	50
Vinyl chloride	<9.9		24	9.9	ug/Kg	☼	05/07/13 11:45	05/16/13 15:39	50
Xylenes, Total	<6.5		48	6.5	ug/Kg	☼	05/07/13 11:45	05/16/13 15:39	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		75 - 125	05/07/13 11:45	05/16/13 15:39	50
4-Bromofluorobenzene (Surr)	98		75 - 120	05/07/13 11:45	05/16/13 15:39	50
Dibromofluoromethane	92		75 - 120	05/07/13 11:45	05/16/13 15:39	50
Toluene-d8 (Surr)	94		75 - 120	05/07/13 11:45	05/16/13 15:39	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	53000		1900	470	ug/Kg	☼	05/07/13 11:45	05/16/13 16:04	500

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		75 - 125	05/07/13 11:45	05/16/13 16:04	500
4-Bromofluorobenzene (Surr)	101		75 - 120	05/07/13 11:45	05/16/13 16:04	500
Dibromofluoromethane	94		75 - 120	05/07/13 11:45	05/16/13 16:04	500
Toluene-d8 (Surr)	90		75 - 120	05/07/13 11:45	05/16/13 16:04	500

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	4100		190	96	ug/Kg	☼	05/15/13 07:14	05/22/13 11:55	5
2-Methylnaphthalene	<250		970	250	ug/Kg	☼	05/15/13 07:14	05/22/13 11:55	5
Acenaphthene	12000		190	58	ug/Kg	☼	05/15/13 07:14	05/22/13 11:55	5
Acenaphthylene	<44		190	44	ug/Kg	☼	05/15/13 07:14	05/22/13 11:55	5
Benzo[a]anthracene	8600		190	40	ug/Kg	☼	05/15/13 07:14	05/22/13 11:55	5
Benzo[a]pyrene	2900		190	35	ug/Kg	☼	05/15/13 07:14	05/22/13 11:55	5
Benzo[b]fluoranthene	4300		190	37	ug/Kg	☼	05/15/13 07:14	05/22/13 11:55	5
Benzo[g,h,i]perylene	1400		190	65	ug/Kg	☼	05/15/13 07:14	05/22/13 11:55	5
Benzo[k]fluoranthene	1900		190	46	ug/Kg	☼	05/15/13 07:14	05/22/13 11:55	5
Chrysene	7700		190	43	ug/Kg	☼	05/15/13 07:14	05/22/13 11:55	5
Dibenz(a,h)anthracene	560		190	54	ug/Kg	☼	05/15/13 07:14	05/22/13 11:55	5
Indeno[1,2,3-cd]pyrene	1300		190	65	ug/Kg	☼	05/15/13 07:14	05/22/13 11:55	5
Naphthalene	2700		190	37	ug/Kg	☼	05/15/13 07:14	05/22/13 11:55	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	75		30 - 119	05/15/13 07:14	05/22/13 11:55	5
Nitrobenzene-d5 (Surr)	56		30 - 115	05/15/13 07:14	05/22/13 11:55	5
Terphenyl-d14 (Surr)	103		36 - 134	05/15/13 07:14	05/22/13 11:55	5

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	21000		1900	450	ug/Kg	☼	05/15/13 07:14	05/23/13 12:17	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-56871-1

Client Sample ID: SB-723 15

Lab Sample ID: 500-56871-14

Date Collected: 05/07/13 15:50

Matrix: Solid

Date Received: 05/10/13 10:30

Percent Solids: 82.6

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - DL (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	58000		1900	790	ug/Kg	✱	05/15/13 07:14	05/23/13 12:17	50
Fluorene	22000		1900	440	ug/Kg	✱	05/15/13 07:14	05/23/13 12:17	50
Phenanthrene	92000		1900	810	ug/Kg	✱	05/15/13 07:14	05/23/13 12:17	50
Pyrene	40000		1900	700	ug/Kg	✱	05/15/13 07:14	05/23/13 12:17	50

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-56871-1

Client Sample ID: SB-723 18'

Lab Sample ID: 500-56871-15

Date Collected: 05/07/13 16:05

Matrix: Solid

Date Received: 05/10/13 10:30

Percent Solids: 83.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<34		200	34	ug/Kg	*	05/07/13 11:45	05/16/13 16:28	50
1,1,1-Trichloroethane	<20		98	20	ug/Kg	*	05/07/13 11:45	05/16/13 16:28	50
1,1,1,2,2-Tetrachloroethane	<23		98	23	ug/Kg	*	05/07/13 11:45	05/16/13 16:28	50
1,1,1,2-Trichloroethane	<27		98	27	ug/Kg	*	05/07/13 11:45	05/16/13 16:28	50
1,1-Dichloroethane	<18		98	18	ug/Kg	*	05/07/13 11:45	05/16/13 16:28	50
1,1-Dichloroethene	<30		98	30	ug/Kg	*	05/07/13 11:45	05/16/13 16:28	50
1,1-Dichloropropene	<34		98	34	ug/Kg	*	05/07/13 11:45	05/16/13 16:28	50
1,2,3-Trichlorobenzene	<34		200	34	ug/Kg	*	05/07/13 11:45	05/16/13 16:28	50
1,2,3-Trichloropropane	<56		200	56	ug/Kg	*	05/07/13 11:45	05/16/13 16:28	50
1,2,4-Trichlorobenzene	<37		200	37	ug/Kg	*	05/07/13 11:45	05/16/13 16:28	50
1,2,4-Trimethylbenzene	<21		200	21	ug/Kg	*	05/07/13 11:45	05/16/13 16:28	50
1,2-Dibromo-3-Chloropropane	<85		200	85	ug/Kg	*	05/07/13 11:45	05/16/13 16:28	50
1,2-Dibromoethane	<31		200	31	ug/Kg	*	05/07/13 11:45	05/16/13 16:28	50
1,2-Dichlorobenzene	<20		200	20	ug/Kg	*	05/07/13 11:45	05/16/13 16:28	50
1,2-Dichloroethane	<28		98	28	ug/Kg	*	05/07/13 11:45	05/16/13 16:28	50
1,2-Dichloropropane	<19		98	19	ug/Kg	*	05/07/13 11:45	05/16/13 16:28	50
1,3,5-Trimethylbenzene	<20		200	20	ug/Kg	*	05/07/13 11:45	05/16/13 16:28	50
1,3-Dichlorobenzene	<25		200	25	ug/Kg	*	05/07/13 11:45	05/16/13 16:28	50
1,3-Dichloropropane	<13		98	13	ug/Kg	*	05/07/13 11:45	05/16/13 16:28	50
1,4-Dichlorobenzene	<17		200	17	ug/Kg	*	05/07/13 11:45	05/16/13 16:28	50
2,2-Dichloropropane	<31		98	31	ug/Kg	*	05/07/13 11:45	05/16/13 16:28	50
2-Chlorotoluene	<20		98	20	ug/Kg	*	05/07/13 11:45	05/16/13 16:28	50
4-Chlorotoluene	<19		98	19	ug/Kg	*	05/07/13 11:45	05/16/13 16:28	50
Benzene	<7.2		24	7.2	ug/Kg	*	05/07/13 11:45	05/16/13 16:28	50
Bromobenzene	<42		200	42	ug/Kg	*	05/07/13 11:45	05/16/13 16:28	50
Bromochloromethane	<37		200	37	ug/Kg	*	05/07/13 11:45	05/16/13 16:28	50
Bromodichloromethane	<33		200	33	ug/Kg	*	05/07/13 11:45	05/16/13 16:28	50
Bromoform	<43		200	43	ug/Kg	*	05/07/13 11:45	05/16/13 16:28	50
Bromomethane	<67		200	67	ug/Kg	*	05/07/13 11:45	05/16/13 16:28	50
Carbon tetrachloride	<25		98	25	ug/Kg	*	05/07/13 11:45	05/16/13 16:28	50
Chlorobenzene	<14		98	14	ug/Kg	*	05/07/13 11:45	05/16/13 16:28	50
Chloroethane	<42		200	42	ug/Kg	*	05/07/13 11:45	05/16/13 16:28	50
Chloroform	<20		98	20	ug/Kg	*	05/07/13 11:45	05/16/13 16:28	50
Chloromethane	<45		200	45	ug/Kg	*	05/07/13 11:45	05/16/13 16:28	50
cis-1,2-Dichloroethene	<12		98	12	ug/Kg	*	05/07/13 11:45	05/16/13 16:28	50
cis-1,3-Dichloropropene	<17		98	17	ug/Kg	*	05/07/13 11:45	05/16/13 16:28	50
Dibromochloromethane	<34		200	34	ug/Kg	*	05/07/13 11:45	05/16/13 16:28	50
Dibromomethane	<47		200	47	ug/Kg	*	05/07/13 11:45	05/16/13 16:28	50
Dichlorodifluoromethane	<50		200	50	ug/Kg	*	05/07/13 11:45	05/16/13 16:28	50
Ethylbenzene	<12		24	12	ug/Kg	*	05/07/13 11:45	05/16/13 16:28	50
Hexachlorobutadiene	<34		200	34	ug/Kg	*	05/07/13 11:45	05/16/13 16:28	50
Isopropyl ether	<14		200	14	ug/Kg	*	05/07/13 11:45	05/16/13 16:28	50
Isopropylbenzene	<25		200	25	ug/Kg	*	05/07/13 11:45	05/16/13 16:28	50
Methyl tert-butyl ether	<42		200	42	ug/Kg	*	05/07/13 11:45	05/16/13 16:28	50
Methylene Chloride	<67		490	67	ug/Kg	*	05/07/13 11:45	05/16/13 16:28	50
Naphthalene	<48		200	48	ug/Kg	*	05/07/13 11:45	05/16/13 16:28	50
n-Butylbenzene	<13		98	13	ug/Kg	*	05/07/13 11:45	05/16/13 16:28	50
N-Propylbenzene	<17		200	17	ug/Kg	*	05/07/13 11:45	05/16/13 16:28	50
p-Isopropyltoluene	<18		200	18	ug/Kg	*	05/07/13 11:45	05/16/13 16:28	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-56871-1

Client Sample ID: SB-723 18'

Lab Sample ID: 500-56871-15

Date Collected: 05/07/13 16:05

Matrix: Solid

Date Received: 05/10/13 10:30

Percent Solids: 83.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<15		98	15	ug/Kg	☼	05/07/13 11:45	05/16/13 16:28	50
Styrene	<9.6		98	9.6	ug/Kg	☼	05/07/13 11:45	05/16/13 16:28	50
tert-Butylbenzene	<13		98	13	ug/Kg	☼	05/07/13 11:45	05/16/13 16:28	50
Tetrachloroethene	<16		98	16	ug/Kg	☼	05/07/13 11:45	05/16/13 16:28	50
Toluene	78		24	11	ug/Kg	☼	05/07/13 11:45	05/16/13 16:28	50
trans-1,2-Dichloroethene	<24		98	24	ug/Kg	☼	05/07/13 11:45	05/16/13 16:28	50
trans-1,3-Dichloropropene	<20		98	20	ug/Kg	☼	05/07/13 11:45	05/16/13 16:28	50
Trichloroethene	<18		49	18	ug/Kg	☼	05/07/13 11:45	05/16/13 16:28	50
Trichlorofluoromethane	<41		200	41	ug/Kg	☼	05/07/13 11:45	05/16/13 16:28	50
Vinyl chloride	<10		24	10	ug/Kg	☼	05/07/13 11:45	05/16/13 16:28	50
Xylenes, Total	58		49	6.7	ug/Kg	☼	05/07/13 11:45	05/16/13 16:28	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		75 - 125				05/07/13 11:45	05/16/13 16:28	50
4-Bromofluorobenzene (Surr)	103		75 - 120				05/07/13 11:45	05/16/13 16:28	50
Dibromofluoromethane	92		75 - 120				05/07/13 11:45	05/16/13 16:28	50
Toluene-d8 (Surr)	96		75 - 120				05/07/13 11:45	05/16/13 16:28	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<19		38	19	ug/Kg	☼	05/15/13 07:14	05/21/13 18:06	1
2-Methylnaphthalene	<50		190	50	ug/Kg	☼	05/15/13 07:14	05/21/13 18:06	1
Acenaphthene	<11		38	11	ug/Kg	☼	05/15/13 07:14	05/21/13 18:06	1
Acenaphthylene	<8.8		38	8.8	ug/Kg	☼	05/15/13 07:14	05/21/13 18:06	1
Anthracene	<9.0		38	9.0	ug/Kg	☼	05/15/13 07:14	05/21/13 18:06	1
Benzo[a]anthracene	<8.0		38	8.0	ug/Kg	☼	05/15/13 07:14	05/21/13 18:06	1
Benzo[a]pyrene	<7.0		38	7.0	ug/Kg	☼	05/15/13 07:14	05/21/13 18:06	1
Benzo[b]fluoranthene	<7.4		38	7.4	ug/Kg	☼	05/15/13 07:14	05/21/13 18:06	1
Benzo[g,h,i]perylene	<13		38	13	ug/Kg	☼	05/15/13 07:14	05/21/13 18:06	1
Benzo[k]fluoranthene	<9.1		38	9.1	ug/Kg	☼	05/15/13 07:14	05/21/13 18:06	1
Chrysene	<8.6		38	8.6	ug/Kg	☼	05/15/13 07:14	05/21/13 18:06	1
Dibenz(a,h)anthracene	<11		38	11	ug/Kg	☼	05/15/13 07:14	05/21/13 18:06	1
Fluoranthene	<16		38	16	ug/Kg	☼	05/15/13 07:14	05/21/13 18:06	1
Fluorene	<8.7		38	8.7	ug/Kg	☼	05/15/13 07:14	05/21/13 18:06	1
Indeno[1,2,3-cd]pyrene	<13		38	13	ug/Kg	☼	05/15/13 07:14	05/21/13 18:06	1
Naphthalene	<7.4		38	7.4	ug/Kg	☼	05/15/13 07:14	05/21/13 18:06	1
Phenanthrene	<16		38	16	ug/Kg	☼	05/15/13 07:14	05/21/13 18:06	1
Pyrene	<14		38	14	ug/Kg	☼	05/15/13 07:14	05/21/13 18:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	57		30 - 119				05/15/13 07:14	05/21/13 18:06	1
Nitrobenzene-d5 (Surr)	49		30 - 115				05/15/13 07:14	05/21/13 18:06	1
Terphenyl-d14 (Surr)	77		36 - 134				05/15/13 07:14	05/21/13 18:06	1

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-56871-1

Client Sample ID: SB-724 15'

Lab Sample ID: 500-56871-16

Date Collected: 05/07/13 17:05

Matrix: Solid

Date Received: 05/10/13 10:30

Percent Solids: 91.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<130		730	130	ug/Kg	☼	05/07/13 11:45	05/16/13 16:53	200
1,1,1-Trichloroethane	<73		360	73	ug/Kg	☼	05/07/13 11:45	05/16/13 16:53	200
1,1,1,2,2-Tetrachloroethane	<85		360	85	ug/Kg	☼	05/07/13 11:45	05/16/13 16:53	200
1,1,2-Trichloroethane	<100		360	100	ug/Kg	☼	05/07/13 11:45	05/16/13 16:53	200
1,1-Dichloroethane	<67		360	67	ug/Kg	☼	05/07/13 11:45	05/16/13 16:53	200
1,1-Dichloroethene	<110		360	110	ug/Kg	☼	05/07/13 11:45	05/16/13 16:53	200
1,1-Dichloropropene	<120		360	120	ug/Kg	☼	05/07/13 11:45	05/16/13 16:53	200
1,2,3-Trichlorobenzene	<130		730	130	ug/Kg	☼	05/07/13 11:45	05/16/13 16:53	200
1,2,3-Trichloropropane	<210		730	210	ug/Kg	☼	05/07/13 11:45	05/16/13 16:53	200
1,2,4-Trichlorobenzene	<140		730	140	ug/Kg	☼	05/07/13 11:45	05/16/13 16:53	200
1,2,4-Trimethylbenzene	2100		730	76	ug/Kg	☼	05/07/13 11:45	05/16/13 16:53	200
1,2-Dibromo-3-Chloropropane	<320		730	320	ug/Kg	☼	05/07/13 11:45	05/16/13 16:53	200
1,2-Dibromoethane	<110		730	110	ug/Kg	☼	05/07/13 11:45	05/16/13 16:53	200
1,2-Dichlorobenzene	<74		730	74	ug/Kg	☼	05/07/13 11:45	05/16/13 16:53	200
1,2-Dichloroethane	<100		360	100	ug/Kg	☼	05/07/13 11:45	05/16/13 16:53	200
1,2-Dichloropropane	<71		360	71	ug/Kg	☼	05/07/13 11:45	05/16/13 16:53	200
1,3,5-Trimethylbenzene	980		730	75	ug/Kg	☼	05/07/13 11:45	05/16/13 16:53	200
1,3-Dichlorobenzene	<93		730	93	ug/Kg	☼	05/07/13 11:45	05/16/13 16:53	200
1,3-Dichloropropane	<49		360	49	ug/Kg	☼	05/07/13 11:45	05/16/13 16:53	200
1,4-Dichlorobenzene	<63		730	63	ug/Kg	☼	05/07/13 11:45	05/16/13 16:53	200
2,2-Dichloropropane	<110		360	110	ug/Kg	☼	05/07/13 11:45	05/16/13 16:53	200
2-Chlorotoluene	<75		360	75	ug/Kg	☼	05/07/13 11:45	05/16/13 16:53	200
4-Chlorotoluene	<71		360	71	ug/Kg	☼	05/07/13 11:45	05/16/13 16:53	200
Benzene	7200		91	27	ug/Kg	☼	05/07/13 11:45	05/16/13 16:53	200
Bromobenzene	<150		730	150	ug/Kg	☼	05/07/13 11:45	05/16/13 16:53	200
Bromochloromethane	<140		730	140	ug/Kg	☼	05/07/13 11:45	05/16/13 16:53	200
Bromodichloromethane	<120		730	120	ug/Kg	☼	05/07/13 11:45	05/16/13 16:53	200
Bromoform	<160		730	160	ug/Kg	☼	05/07/13 11:45	05/16/13 16:53	200
Bromomethane	<250		730	250	ug/Kg	☼	05/07/13 11:45	05/16/13 16:53	200
Carbon tetrachloride	<93		360	93	ug/Kg	☼	05/07/13 11:45	05/16/13 16:53	200
Chlorobenzene	<52		360	52	ug/Kg	☼	05/07/13 11:45	05/16/13 16:53	200
Chloroethane	<160		730	160	ug/Kg	☼	05/07/13 11:45	05/16/13 16:53	200
Chloroform	<74		360	74	ug/Kg	☼	05/07/13 11:45	05/16/13 16:53	200
Chloromethane	<170		730	170	ug/Kg	☼	05/07/13 11:45	05/16/13 16:53	200
cis-1,2-Dichloroethene	<45		360	45	ug/Kg	☼	05/07/13 11:45	05/16/13 16:53	200
cis-1,3-Dichloropropene	<65		360	65	ug/Kg	☼	05/07/13 11:45	05/16/13 16:53	200
Dibromochloromethane	<130		730	130	ug/Kg	☼	05/07/13 11:45	05/16/13 16:53	200
Dibromomethane	<170		730	170	ug/Kg	☼	05/07/13 11:45	05/16/13 16:53	200
Dichlorodifluoromethane	<190		730	190	ug/Kg	☼	05/07/13 11:45	05/16/13 16:53	200
Ethylbenzene	840		91	46	ug/Kg	☼	05/07/13 11:45	05/16/13 16:53	200
Hexachlorobutadiene	<130		730	130	ug/Kg	☼	05/07/13 11:45	05/16/13 16:53	200
Isopropyl ether	<53		730	53	ug/Kg	☼	05/07/13 11:45	05/16/13 16:53	200
Isopropylbenzene	180 J		730	91	ug/Kg	☼	05/07/13 11:45	05/16/13 16:53	200
Methyl tert-butyl ether	<160		730	160	ug/Kg	☼	05/07/13 11:45	05/16/13 16:53	200
Methylene Chloride	<250		1800	250	ug/Kg	☼	05/07/13 11:45	05/16/13 16:53	200
n-Butylbenzene	<47		360	47	ug/Kg	☼	05/07/13 11:45	05/16/13 16:53	200
N-Propylbenzene	<63		730	63	ug/Kg	☼	05/07/13 11:45	05/16/13 16:53	200
p-Isopropyltoluene	<67		730	67	ug/Kg	☼	05/07/13 11:45	05/16/13 16:53	200
sec-Butylbenzene	<56		360	56	ug/Kg	☼	05/07/13 11:45	05/16/13 16:53	200

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-56871-1

Client Sample ID: SB-724 15'

Lab Sample ID: 500-56871-16

Date Collected: 05/07/13 17:05

Matrix: Solid

Date Received: 05/10/13 10:30

Percent Solids: 91.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	<36		360	36	ug/Kg	☼	05/07/13 11:45	05/16/13 16:53	200
tert-Butylbenzene	<49		360	49	ug/Kg	☼	05/07/13 11:45	05/16/13 16:53	200
Tetrachloroethene	<61		360	61	ug/Kg	☼	05/07/13 11:45	05/16/13 16:53	200
Toluene	2600		91	42	ug/Kg	☼	05/07/13 11:45	05/16/13 16:53	200
trans-1,2-Dichloroethene	<91		360	91	ug/Kg	☼	05/07/13 11:45	05/16/13 16:53	200
trans-1,3-Dichloropropene	<75		360	75	ug/Kg	☼	05/07/13 11:45	05/16/13 16:53	200
Trichloroethene	<67		180	67	ug/Kg	☼	05/07/13 11:45	05/16/13 16:53	200
Trichlorofluoromethane	<150		730	150	ug/Kg	☼	05/07/13 11:45	05/16/13 16:53	200
Vinyl chloride	<38		91	38	ug/Kg	☼	05/07/13 11:45	05/16/13 16:53	200
Xylenes, Total	5500		180	25	ug/Kg	☼	05/07/13 11:45	05/16/13 16:53	200

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		75 - 125	05/07/13 11:45	05/16/13 16:53	200
4-Bromofluorobenzene (Surr)	100		75 - 120	05/07/13 11:45	05/16/13 16:53	200
Dibromofluoromethane	96		75 - 120	05/07/13 11:45	05/16/13 16:53	200
Toluene-d8 (Surr)	95		75 - 120	05/07/13 11:45	05/16/13 16:53	200

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	280000		7300	1800	ug/Kg	☼	05/07/13 11:45	05/16/13 17:18	2000

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94		75 - 125	05/07/13 11:45	05/16/13 17:18	2000
4-Bromofluorobenzene (Surr)	99		75 - 120	05/07/13 11:45	05/16/13 17:18	2000
Dibromofluoromethane	94		75 - 120	05/07/13 11:45	05/16/13 17:18	2000
Toluene-d8 (Surr)	93		75 - 120	05/07/13 11:45	05/16/13 17:18	2000

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	330000		14000	7000	ug/Kg	☼	05/15/13 07:14	05/22/13 12:17	100
2-Methylnaphthalene	440000		71000	18000	ug/Kg	☼	05/15/13 07:14	05/22/13 12:17	100
Acenaphthene	360000		14000	4200	ug/Kg	☼	05/15/13 07:14	05/22/13 12:17	100
Acenaphthylene	140000		14000	3200	ug/Kg	☼	05/15/13 07:14	05/22/13 12:17	100
Benzo[a]anthracene	680000		14000	3000	ug/Kg	☼	05/15/13 07:14	05/22/13 12:17	100
Benzo[a]pyrene	420000		14000	2600	ug/Kg	☼	05/15/13 07:14	05/22/13 12:17	100
Benzo[b]fluoranthene	480000		14000	2700	ug/Kg	☼	05/15/13 07:14	05/22/13 12:17	100
Benzo[g,h,i]perylene	300000		14000	4800	ug/Kg	☼	05/15/13 07:14	05/22/13 12:17	100
Benzo[k]fluoranthene	230000		14000	3400	ug/Kg	☼	05/15/13 07:14	05/22/13 12:17	100
Chrysene	640000		14000	3200	ug/Kg	☼	05/15/13 07:14	05/22/13 12:17	100
Dibenz(a,h)anthracene	99000		14000	3900	ug/Kg	☼	05/15/13 07:14	05/22/13 12:17	100
Fluorene	780000		14000	3200	ug/Kg	☼	05/15/13 07:14	05/22/13 12:17	100
Indeno[1,2,3-cd]pyrene	250000		14000	4800	ug/Kg	☼	05/15/13 07:14	05/22/13 12:17	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	0	D	30 - 119	05/15/13 07:14	05/22/13 12:17	100
Nitrobenzene-d5 (Surr)	0	D	30 - 115	05/15/13 07:14	05/22/13 12:17	100
Terphenyl-d14 (Surr)	0	D	36 - 134	05/15/13 07:14	05/22/13 12:17	100

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	1900000		70000	17000	ug/Kg	☼	05/15/13 07:14	05/23/13 12:40	500

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-56871-1

Client Sample ID: SB-724 15'

Lab Sample ID: 500-56871-16

Date Collected: 05/07/13 17:05

Matrix: Solid

Date Received: 05/10/13 10:30

Percent Solids: 91.7

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - DL (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	2100000		70000	29000	ug/Kg	✱	05/15/13 07:14	05/23/13 12:40	500
Naphthalene	1900000		70000	14000	ug/Kg	✱	05/15/13 07:14	05/23/13 12:40	500
Phenanthrene	3100000		70000	29000	ug/Kg	✱	05/15/13 07:14	05/23/13 12:40	500
Pyrene	1600000		70000	25000	ug/Kg	✱	05/15/13 07:14	05/23/13 12:40	500

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-56871-1

Client Sample ID: SB-727 15'

Lab Sample ID: 500-56871-17

Date Collected: 05/08/13 09:10

Matrix: Solid

Date Received: 05/10/13 10:30

Percent Solids: 87.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<30		170	30	ug/Kg	*	05/08/13 11:45	05/16/13 17:42	50
1,1,1-Trichloroethane	<17		87	17	ug/Kg	*	05/08/13 11:45	05/16/13 17:42	50
1,1,1,2,2-Tetrachloroethane	<20		87	20	ug/Kg	*	05/08/13 11:45	05/16/13 17:42	50
1,1,1,2-Trichloroethane	<24		87	24	ug/Kg	*	05/08/13 11:45	05/16/13 17:42	50
1,1-Dichloroethane	<16		87	16	ug/Kg	*	05/08/13 11:45	05/16/13 17:42	50
1,1-Dichloroethene	<27		87	27	ug/Kg	*	05/08/13 11:45	05/16/13 17:42	50
1,1-Dichloropropene	<30		87	30	ug/Kg	*	05/08/13 11:45	05/16/13 17:42	50
1,2,3-Trichlorobenzene	<30		170	30	ug/Kg	*	05/08/13 11:45	05/16/13 17:42	50
1,2,3-Trichloropropane	<50		170	50	ug/Kg	*	05/08/13 11:45	05/16/13 17:42	50
1,2,4-Trichlorobenzene	<33		170	33	ug/Kg	*	05/08/13 11:45	05/16/13 17:42	50
1,2,4-Trimethylbenzene	<18		170	18	ug/Kg	*	05/08/13 11:45	05/16/13 17:42	50
1,2-Dibromo-3-Chloropropane	<76		170	76	ug/Kg	*	05/08/13 11:45	05/16/13 17:42	50
1,2-Dibromoethane	<27		170	27	ug/Kg	*	05/08/13 11:45	05/16/13 17:42	50
1,2-Dichlorobenzene	<18		170	18	ug/Kg	*	05/08/13 11:45	05/16/13 17:42	50
1,2-Dichloroethane	<25		87	25	ug/Kg	*	05/08/13 11:45	05/16/13 17:42	50
1,2-Dichloropropane	<17		87	17	ug/Kg	*	05/08/13 11:45	05/16/13 17:42	50
1,3,5-Trimethylbenzene	<18		170	18	ug/Kg	*	05/08/13 11:45	05/16/13 17:42	50
1,3-Dichlorobenzene	<22		170	22	ug/Kg	*	05/08/13 11:45	05/16/13 17:42	50
1,3-Dichloropropane	<12		87	12	ug/Kg	*	05/08/13 11:45	05/16/13 17:42	50
1,4-Dichlorobenzene	<15		170	15	ug/Kg	*	05/08/13 11:45	05/16/13 17:42	50
2,2-Dichloropropane	<27		87	27	ug/Kg	*	05/08/13 11:45	05/16/13 17:42	50
2-Chlorotoluene	<18		87	18	ug/Kg	*	05/08/13 11:45	05/16/13 17:42	50
4-Chlorotoluene	<17		87	17	ug/Kg	*	05/08/13 11:45	05/16/13 17:42	50
Benzene	<6.5		22	6.5	ug/Kg	*	05/08/13 11:45	05/16/13 17:42	50
Bromobenzene	<37		170	37	ug/Kg	*	05/08/13 11:45	05/16/13 17:42	50
Bromochloromethane	<33		170	33	ug/Kg	*	05/08/13 11:45	05/16/13 17:42	50
Bromodichloromethane	<29		170	29	ug/Kg	*	05/08/13 11:45	05/16/13 17:42	50
Bromoform	<38		170	38	ug/Kg	*	05/08/13 11:45	05/16/13 17:42	50
Bromomethane	<59		170	59	ug/Kg	*	05/08/13 11:45	05/16/13 17:42	50
Carbon tetrachloride	<22		87	22	ug/Kg	*	05/08/13 11:45	05/16/13 17:42	50
Chlorobenzene	<12		87	12	ug/Kg	*	05/08/13 11:45	05/16/13 17:42	50
Chloroethane	<38		170	38	ug/Kg	*	05/08/13 11:45	05/16/13 17:42	50
Chloroform	<18		87	18	ug/Kg	*	05/08/13 11:45	05/16/13 17:42	50
Chloromethane	<40		170	40	ug/Kg	*	05/08/13 11:45	05/16/13 17:42	50
cis-1,2-Dichloroethene	<11		87	11	ug/Kg	*	05/08/13 11:45	05/16/13 17:42	50
cis-1,3-Dichloropropene	<15		87	15	ug/Kg	*	05/08/13 11:45	05/16/13 17:42	50
Dibromochloromethane	<30		170	30	ug/Kg	*	05/08/13 11:45	05/16/13 17:42	50
Dibromomethane	<42		170	42	ug/Kg	*	05/08/13 11:45	05/16/13 17:42	50
Dichlorodifluoromethane	<45		170	45	ug/Kg	*	05/08/13 11:45	05/16/13 17:42	50
Ethylbenzene	<11		22	11	ug/Kg	*	05/08/13 11:45	05/16/13 17:42	50
Hexachlorobutadiene	<30		170	30	ug/Kg	*	05/08/13 11:45	05/16/13 17:42	50
Isopropyl ether	<13		170	13	ug/Kg	*	05/08/13 11:45	05/16/13 17:42	50
Isopropylbenzene	<22		170	22	ug/Kg	*	05/08/13 11:45	05/16/13 17:42	50
Methyl tert-butyl ether	<37		170	37	ug/Kg	*	05/08/13 11:45	05/16/13 17:42	50
Methylene Chloride	<59		430	59	ug/Kg	*	05/08/13 11:45	05/16/13 17:42	50
Naphthalene	<43		170	43	ug/Kg	*	05/08/13 11:45	05/16/13 17:42	50
n-Butylbenzene	<11		87	11	ug/Kg	*	05/08/13 11:45	05/16/13 17:42	50
N-Propylbenzene	<15		170	15	ug/Kg	*	05/08/13 11:45	05/16/13 17:42	50
p-Isopropyltoluene	<16		170	16	ug/Kg	*	05/08/13 11:45	05/16/13 17:42	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-56871-1

Client Sample ID: SB-727 15'

Lab Sample ID: 500-56871-17

Date Collected: 05/08/13 09:10

Matrix: Solid

Date Received: 05/10/13 10:30

Percent Solids: 87.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<13		87	13	ug/Kg	☼	05/08/13 11:45	05/16/13 17:42	50
Styrene	<8.6		87	8.6	ug/Kg	☼	05/08/13 11:45	05/16/13 17:42	50
tert-Butylbenzene	<12		87	12	ug/Kg	☼	05/08/13 11:45	05/16/13 17:42	50
Tetrachloroethene	<15		87	15	ug/Kg	☼	05/08/13 11:45	05/16/13 17:42	50
Toluene	22		22	10	ug/Kg	☼	05/08/13 11:45	05/16/13 17:42	50
trans-1,2-Dichloroethene	<22		87	22	ug/Kg	☼	05/08/13 11:45	05/16/13 17:42	50
trans-1,3-Dichloropropene	<18		87	18	ug/Kg	☼	05/08/13 11:45	05/16/13 17:42	50
Trichloroethene	<16		43	16	ug/Kg	☼	05/08/13 11:45	05/16/13 17:42	50
Trichlorofluoromethane	<36		170	36	ug/Kg	☼	05/08/13 11:45	05/16/13 17:42	50
Vinyl chloride	<9.0		22	9.0	ug/Kg	☼	05/08/13 11:45	05/16/13 17:42	50
Xylenes, Total	<5.9		43	5.9	ug/Kg	☼	05/08/13 11:45	05/16/13 17:42	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	92		75 - 125				05/08/13 11:45	05/16/13 17:42	50
4-Bromofluorobenzene (Surr)	98		75 - 120				05/08/13 11:45	05/16/13 17:42	50
Dibromofluoromethane	89		75 - 120				05/08/13 11:45	05/16/13 17:42	50
Toluene-d8 (Surr)	95		75 - 120				05/08/13 11:45	05/16/13 17:42	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<18		36	18	ug/Kg	☼	05/15/13 07:14	05/21/13 18:51	1
2-Methylnaphthalene	<48		180	48	ug/Kg	☼	05/15/13 07:14	05/21/13 18:51	1
Acenaphthene	<11		36	11	ug/Kg	☼	05/15/13 07:14	05/21/13 18:51	1
Acenaphthylene	<8.4		36	8.4	ug/Kg	☼	05/15/13 07:14	05/21/13 18:51	1
Anthracene	<8.6		36	8.6	ug/Kg	☼	05/15/13 07:14	05/21/13 18:51	1
Benzo[a]anthracene	<7.7		36	7.7	ug/Kg	☼	05/15/13 07:14	05/21/13 18:51	1
Benzo[a]pyrene	<6.7		36	6.7	ug/Kg	☼	05/15/13 07:14	05/21/13 18:51	1
Benzo[b]fluoranthene	<7.1		36	7.1	ug/Kg	☼	05/15/13 07:14	05/21/13 18:51	1
Benzo[g,h,i]perylene	<12		36	12	ug/Kg	☼	05/15/13 07:14	05/21/13 18:51	1
Benzo[k]fluoranthene	<8.7		36	8.7	ug/Kg	☼	05/15/13 07:14	05/21/13 18:51	1
Chrysene	<8.3		36	8.3	ug/Kg	☼	05/15/13 07:14	05/21/13 18:51	1
Dibenz(a,h)anthracene	<10		36	10	ug/Kg	☼	05/15/13 07:14	05/21/13 18:51	1
Fluoranthene	<15		36	15	ug/Kg	☼	05/15/13 07:14	05/21/13 18:51	1
Fluorene	<8.3		36	8.3	ug/Kg	☼	05/15/13 07:14	05/21/13 18:51	1
Indeno[1,2,3-cd]pyrene	<12		36	12	ug/Kg	☼	05/15/13 07:14	05/21/13 18:51	1
Naphthalene	<7.1		36	7.1	ug/Kg	☼	05/15/13 07:14	05/21/13 18:51	1
Phenanthrene	<15		36	15	ug/Kg	☼	05/15/13 07:14	05/21/13 18:51	1
Pyrene	<13		36	13	ug/Kg	☼	05/15/13 07:14	05/21/13 18:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	65		30 - 119				05/15/13 07:14	05/21/13 18:51	1
Nitrobenzene-d5 (Surr)	60		30 - 115				05/15/13 07:14	05/21/13 18:51	1
Terphenyl-d14 (Surr)	73		36 - 134				05/15/13 07:14	05/21/13 18:51	1

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-56871-1

Client Sample ID: MW-804 15'

Lab Sample ID: 500-56871-18

Date Collected: 05/09/13 07:45

Matrix: Solid

Date Received: 05/10/13 10:30

Percent Solids: 79.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<38		220	38	ug/Kg	☼	05/09/13 07:45	05/16/13 18:07	50
1,1,1-Trichloroethane	<22		110	22	ug/Kg	☼	05/09/13 07:45	05/16/13 18:07	50
1,1,2,2-Tetrachloroethane	<26		110	26	ug/Kg	☼	05/09/13 07:45	05/16/13 18:07	50
1,1,2-Trichloroethane	<30		110	30	ug/Kg	☼	05/09/13 07:45	05/16/13 18:07	50
1,1-Dichloroethane	<20		110	20	ug/Kg	☼	05/09/13 07:45	05/16/13 18:07	50
1,1-Dichloroethene	<33		110	33	ug/Kg	☼	05/09/13 07:45	05/16/13 18:07	50
1,1-Dichloropropene	<38		110	38	ug/Kg	☼	05/09/13 07:45	05/16/13 18:07	50
1,2,3-Trichlorobenzene	<38		220	38	ug/Kg	☼	05/09/13 07:45	05/16/13 18:07	50
1,2,3-Trichloropropane	<63 *		220	63	ug/Kg	☼	05/09/13 07:45	05/16/13 18:07	50
1,2,4-Trichlorobenzene	<41		220	41	ug/Kg	☼	05/09/13 07:45	05/16/13 18:07	50
1,2,4-Trimethylbenzene	330		220	23	ug/Kg	☼	05/09/13 07:45	05/16/13 18:07	50
1,2-Dibromo-3-Chloropropane	<95		220	95	ug/Kg	☼	05/09/13 07:45	05/16/13 18:07	50
1,2-Dibromoethane	<34		220	34	ug/Kg	☼	05/09/13 07:45	05/16/13 18:07	50
1,2-Dichlorobenzene	<22		220	22	ug/Kg	☼	05/09/13 07:45	05/16/13 18:07	50
1,2-Dichloroethane	<31		110	31	ug/Kg	☼	05/09/13 07:45	05/16/13 18:07	50
1,2-Dichloropropane	<21		110	21	ug/Kg	☼	05/09/13 07:45	05/16/13 18:07	50
1,3,5-Trimethylbenzene	<22		220	22	ug/Kg	☼	05/09/13 07:45	05/16/13 18:07	50
1,3-Dichlorobenzene	<28		220	28	ug/Kg	☼	05/09/13 07:45	05/16/13 18:07	50
1,3-Dichloropropane	<15		110	15	ug/Kg	☼	05/09/13 07:45	05/16/13 18:07	50
1,4-Dichlorobenzene	<19		220	19	ug/Kg	☼	05/09/13 07:45	05/16/13 18:07	50
2,2-Dichloropropane	<34		110	34	ug/Kg	☼	05/09/13 07:45	05/16/13 18:07	50
2-Chlorotoluene	<23		110	23	ug/Kg	☼	05/09/13 07:45	05/16/13 18:07	50
4-Chlorotoluene	<21		110	21	ug/Kg	☼	05/09/13 07:45	05/16/13 18:07	50
Benzene	<8.1		27	8.1	ug/Kg	☼	05/09/13 07:45	05/16/13 18:07	50
Bromobenzene	<46		220	46	ug/Kg	☼	05/09/13 07:45	05/16/13 18:07	50
Bromochloromethane	<41		220	41	ug/Kg	☼	05/09/13 07:45	05/16/13 18:07	50
Bromodichloromethane	<37		220	37	ug/Kg	☼	05/09/13 07:45	05/16/13 18:07	50
Bromoform	<48		220	48	ug/Kg	☼	05/09/13 07:45	05/16/13 18:07	50
Bromomethane	<74		220	74	ug/Kg	☼	05/09/13 07:45	05/16/13 18:07	50
Carbon tetrachloride	<28		110	28	ug/Kg	☼	05/09/13 07:45	05/16/13 18:07	50
Chlorobenzene	<16		110	16	ug/Kg	☼	05/09/13 07:45	05/16/13 18:07	50
Chloroethane	<47		220	47	ug/Kg	☼	05/09/13 07:45	05/16/13 18:07	50
Chloroform	<22		110	22	ug/Kg	☼	05/09/13 07:45	05/16/13 18:07	50
Chloromethane	<50		220	50	ug/Kg	☼	05/09/13 07:45	05/16/13 18:07	50
cis-1,2-Dichloroethene	<13		110	13	ug/Kg	☼	05/09/13 07:45	05/16/13 18:07	50
cis-1,3-Dichloropropene	<19		110	19	ug/Kg	☼	05/09/13 07:45	05/16/13 18:07	50
Dibromochloromethane	<38		220	38	ug/Kg	☼	05/09/13 07:45	05/16/13 18:07	50
Dibromomethane	<52		220	52	ug/Kg	☼	05/09/13 07:45	05/16/13 18:07	50
Dichlorodifluoromethane	<56		220	56	ug/Kg	☼	05/09/13 07:45	05/16/13 18:07	50
Ethylbenzene	77		27	14	ug/Kg	☼	05/09/13 07:45	05/16/13 18:07	50
Hexachlorobutadiene	<38		220	38	ug/Kg	☼	05/09/13 07:45	05/16/13 18:07	50
Isopropyl ether	<16		220	16	ug/Kg	☼	05/09/13 07:45	05/16/13 18:07	50
Isopropylbenzene	<27		220	27	ug/Kg	☼	05/09/13 07:45	05/16/13 18:07	50
Methyl tert-butyl ether	<47		220	47	ug/Kg	☼	05/09/13 07:45	05/16/13 18:07	50
Methylene Chloride	<74		550	74	ug/Kg	☼	05/09/13 07:45	05/16/13 18:07	50
Naphthalene	1000		220	54	ug/Kg	☼	05/09/13 07:45	05/16/13 18:07	50
n-Butylbenzene	<14		110	14	ug/Kg	☼	05/09/13 07:45	05/16/13 18:07	50
N-Propylbenzene	<19		220	19	ug/Kg	☼	05/09/13 07:45	05/16/13 18:07	50
p-Isopropyltoluene	<20		220	20	ug/Kg	☼	05/09/13 07:45	05/16/13 18:07	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-56871-1

Client Sample ID: MW-804 15'

Lab Sample ID: 500-56871-18

Date Collected: 05/09/13 07:45

Matrix: Solid

Date Received: 05/10/13 10:30

Percent Solids: 79.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<17		110	17	ug/Kg	☼	05/09/13 07:45	05/16/13 18:07	50
Styrene	<11		110	11	ug/Kg	☼	05/09/13 07:45	05/16/13 18:07	50
tert-Butylbenzene	<15		110	15	ug/Kg	☼	05/09/13 07:45	05/16/13 18:07	50
Tetrachloroethene	<18		110	18	ug/Kg	☼	05/09/13 07:45	05/16/13 18:07	50
Toluene	<13		27	13	ug/Kg	☼	05/09/13 07:45	05/16/13 18:07	50
trans-1,2-Dichloroethene	<27		110	27	ug/Kg	☼	05/09/13 07:45	05/16/13 18:07	50
trans-1,3-Dichloropropene	<23		110	23	ug/Kg	☼	05/09/13 07:45	05/16/13 18:07	50
Trichloroethene	<20		55	20	ug/Kg	☼	05/09/13 07:45	05/16/13 18:07	50
Trichlorofluoromethane	<45		220	45	ug/Kg	☼	05/09/13 07:45	05/16/13 18:07	50
Vinyl chloride	<11		27	11	ug/Kg	☼	05/09/13 07:45	05/16/13 18:07	50
Xylenes, Total	230		55	7.5	ug/Kg	☼	05/09/13 07:45	05/16/13 18:07	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	92		75 - 125	05/09/13 07:45	05/16/13 18:07	50
4-Bromofluorobenzene (Surr)	100		75 - 120	05/09/13 07:45	05/16/13 18:07	50
Dibromofluoromethane	89		75 - 120	05/09/13 07:45	05/16/13 18:07	50
Toluene-d8 (Surr)	95		75 - 120	05/09/13 07:45	05/16/13 18:07	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	2300		40	20	ug/Kg	☼	05/15/13 07:14	05/21/13 19:14	1
2-Methylnaphthalene	1700		200	52	ug/Kg	☼	05/15/13 07:14	05/21/13 19:14	1
Acenaphthene	300		40	12	ug/Kg	☼	05/15/13 07:14	05/21/13 19:14	1
Acenaphthylene	<9.1		40	9.1	ug/Kg	☼	05/15/13 07:14	05/21/13 19:14	1
Anthracene	<9.4		40	9.4	ug/Kg	☼	05/15/13 07:14	05/21/13 19:14	1
Benzo[a]anthracene	<8.3		40	8.3	ug/Kg	☼	05/15/13 07:14	05/21/13 19:14	1
Benzo[a]pyrene	<7.3		40	7.3	ug/Kg	☼	05/15/13 07:14	05/21/13 19:14	1
Benzo[b]fluoranthene	<7.7		40	7.7	ug/Kg	☼	05/15/13 07:14	05/21/13 19:14	1
Benzo[g,h,i]perylene	<13		40	13	ug/Kg	☼	05/15/13 07:14	05/21/13 19:14	1
Benzo[k]fluoranthene	<9.5		40	9.5	ug/Kg	☼	05/15/13 07:14	05/21/13 19:14	1
Chrysene	<9.0		40	9.0	ug/Kg	☼	05/15/13 07:14	05/21/13 19:14	1
Dibenz(a,h)anthracene	<11		40	11	ug/Kg	☼	05/15/13 07:14	05/21/13 19:14	1
Fluoranthene	<16		40	16	ug/Kg	☼	05/15/13 07:14	05/21/13 19:14	1
Fluorene	19 J		40	9.0	ug/Kg	☼	05/15/13 07:14	05/21/13 19:14	1
Indeno[1,2,3-cd]pyrene	<13		40	13	ug/Kg	☼	05/15/13 07:14	05/21/13 19:14	1
Phenanthrene	<17		40	17	ug/Kg	☼	05/15/13 07:14	05/21/13 19:14	1
Pyrene	15 J		40	14	ug/Kg	☼	05/15/13 07:14	05/21/13 19:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	56		30 - 119	05/15/13 07:14	05/21/13 19:14	1
Nitrobenzene-d5 (Surr)	43		30 - 115	05/15/13 07:14	05/21/13 19:14	1
Terphenyl-d14 (Surr)	78		36 - 134	05/15/13 07:14	05/21/13 19:14	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	7700		200	38	ug/Kg	☼	05/15/13 07:14	05/22/13 12:40	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	65		30 - 119	05/15/13 07:14	05/22/13 12:40	5
Nitrobenzene-d5 (Surr)	48		30 - 115	05/15/13 07:14	05/22/13 12:40	5
Terphenyl-d14 (Surr)	91		36 - 134	05/15/13 07:14	05/22/13 12:40	5

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-56871-1

Client Sample ID: MW-805 15'

Lab Sample ID: 500-56871-19

Date Collected: 05/09/13 09:20

Matrix: Solid

Date Received: 05/10/13 10:30

Percent Solids: 83.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<34		200	34	ug/Kg	☼	05/09/13 09:20	05/16/13 19:21	50
1,1,1-Trichloroethane	<20		99	20	ug/Kg	☼	05/09/13 09:20	05/16/13 19:21	50
1,1,2,2-Tetrachloroethane	<23		99	23	ug/Kg	☼	05/09/13 09:20	05/16/13 19:21	50
1,1,2-Trichloroethane	<28		99	28	ug/Kg	☼	05/09/13 09:20	05/16/13 19:21	50
1,1-Dichloroethane	<18		99	18	ug/Kg	☼	05/09/13 09:20	05/16/13 19:21	50
1,1-Dichloroethene	<30		99	30	ug/Kg	☼	05/09/13 09:20	05/16/13 19:21	50
1,1-Dichloropropene	<34		99	34	ug/Kg	☼	05/09/13 09:20	05/16/13 19:21	50
1,2,3-Trichlorobenzene	<35		200	35	ug/Kg	☼	05/09/13 09:20	05/16/13 19:21	50
1,2,3-Trichloropropane	<57 *		200	57	ug/Kg	☼	05/09/13 09:20	05/16/13 19:21	50
1,2,4-Trichlorobenzene	<37		200	37	ug/Kg	☼	05/09/13 09:20	05/16/13 19:21	50
1,2,4-Trimethylbenzene	250		200	21	ug/Kg	☼	05/09/13 09:20	05/16/13 19:21	50
1,2-Dibromo-3-Chloropropane	<86		200	86	ug/Kg	☼	05/09/13 09:20	05/16/13 19:21	50
1,2-Dibromoethane	<31		200	31	ug/Kg	☼	05/09/13 09:20	05/16/13 19:21	50
1,2-Dichlorobenzene	<20		200	20	ug/Kg	☼	05/09/13 09:20	05/16/13 19:21	50
1,2-Dichloroethane	<28		99	28	ug/Kg	☼	05/09/13 09:20	05/16/13 19:21	50
1,2-Dichloropropane	<19		99	19	ug/Kg	☼	05/09/13 09:20	05/16/13 19:21	50
1,3,5-Trimethylbenzene	<20		200	20	ug/Kg	☼	05/09/13 09:20	05/16/13 19:21	50
1,3-Dichlorobenzene	<25		200	25	ug/Kg	☼	05/09/13 09:20	05/16/13 19:21	50
1,3-Dichloropropane	<13		99	13	ug/Kg	☼	05/09/13 09:20	05/16/13 19:21	50
1,4-Dichlorobenzene	<17		200	17	ug/Kg	☼	05/09/13 09:20	05/16/13 19:21	50
2,2-Dichloropropane	<31		99	31	ug/Kg	☼	05/09/13 09:20	05/16/13 19:21	50
2-Chlorotoluene	<20		99	20	ug/Kg	☼	05/09/13 09:20	05/16/13 19:21	50
4-Chlorotoluene	<19		99	19	ug/Kg	☼	05/09/13 09:20	05/16/13 19:21	50
Benzene	59		25	7.3	ug/Kg	☼	05/09/13 09:20	05/16/13 19:21	50
Bromobenzene	<42		200	42	ug/Kg	☼	05/09/13 09:20	05/16/13 19:21	50
Bromochloromethane	<37		200	37	ug/Kg	☼	05/09/13 09:20	05/16/13 19:21	50
Bromodichloromethane	<33		200	33	ug/Kg	☼	05/09/13 09:20	05/16/13 19:21	50
Bromoform	<44		200	44	ug/Kg	☼	05/09/13 09:20	05/16/13 19:21	50
Bromomethane	<67		200	67	ug/Kg	☼	05/09/13 09:20	05/16/13 19:21	50
Carbon tetrachloride	<25		99	25	ug/Kg	☼	05/09/13 09:20	05/16/13 19:21	50
Chlorobenzene	<14		99	14	ug/Kg	☼	05/09/13 09:20	05/16/13 19:21	50
Chloroethane	<43		200	43	ug/Kg	☼	05/09/13 09:20	05/16/13 19:21	50
Chloroform	<20		99	20	ug/Kg	☼	05/09/13 09:20	05/16/13 19:21	50
Chloromethane	<46		200	46	ug/Kg	☼	05/09/13 09:20	05/16/13 19:21	50
cis-1,2-Dichloroethene	<12		99	12	ug/Kg	☼	05/09/13 09:20	05/16/13 19:21	50
cis-1,3-Dichloropropene	<18		99	18	ug/Kg	☼	05/09/13 09:20	05/16/13 19:21	50
Dibromochloromethane	<34		200	34	ug/Kg	☼	05/09/13 09:20	05/16/13 19:21	50
Dibromomethane	<47		200	47	ug/Kg	☼	05/09/13 09:20	05/16/13 19:21	50
Dichlorodifluoromethane	<51		200	51	ug/Kg	☼	05/09/13 09:20	05/16/13 19:21	50
Ethylbenzene	620		25	12	ug/Kg	☼	05/09/13 09:20	05/16/13 19:21	50
Hexachlorobutadiene	<34		200	34	ug/Kg	☼	05/09/13 09:20	05/16/13 19:21	50
Isopropyl ether	<15		200	15	ug/Kg	☼	05/09/13 09:20	05/16/13 19:21	50
Isopropylbenzene	<25		200	25	ug/Kg	☼	05/09/13 09:20	05/16/13 19:21	50
Methyl tert-butyl ether	<43		200	43	ug/Kg	☼	05/09/13 09:20	05/16/13 19:21	50
Methylene Chloride	<68		490	68	ug/Kg	☼	05/09/13 09:20	05/16/13 19:21	50
Naphthalene	17000		200	49	ug/Kg	☼	05/09/13 09:20	05/16/13 19:21	50
n-Butylbenzene	<13		99	13	ug/Kg	☼	05/09/13 09:20	05/16/13 19:21	50
N-Propylbenzene	<17		200	17	ug/Kg	☼	05/09/13 09:20	05/16/13 19:21	50
p-Isopropyltoluene	<18		200	18	ug/Kg	☼	05/09/13 09:20	05/16/13 19:21	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-56871-1

Client Sample ID: MW-805 15'

Lab Sample ID: 500-56871-19

Date Collected: 05/09/13 09:20

Matrix: Solid

Date Received: 05/10/13 10:30

Percent Solids: 83.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<15		99	15	ug/Kg	☼	05/09/13 09:20	05/16/13 19:21	50
Styrene	<9.8		99	9.8	ug/Kg	☼	05/09/13 09:20	05/16/13 19:21	50
tert-Butylbenzene	<13		99	13	ug/Kg	☼	05/09/13 09:20	05/16/13 19:21	50
Tetrachloroethene	<17		99	17	ug/Kg	☼	05/09/13 09:20	05/16/13 19:21	50
Toluene	130		25	11	ug/Kg	☼	05/09/13 09:20	05/16/13 19:21	50
trans-1,2-Dichloroethene	<25		99	25	ug/Kg	☼	05/09/13 09:20	05/16/13 19:21	50
trans-1,3-Dichloropropene	<21		99	21	ug/Kg	☼	05/09/13 09:20	05/16/13 19:21	50
Trichloroethene	<18		49	18	ug/Kg	☼	05/09/13 09:20	05/16/13 19:21	50
Trichlorofluoromethane	<41		200	41	ug/Kg	☼	05/09/13 09:20	05/16/13 19:21	50
Vinyl chloride	<10		25	10	ug/Kg	☼	05/09/13 09:20	05/16/13 19:21	50
Xylenes, Total	1300		49	6.8	ug/Kg	☼	05/09/13 09:20	05/16/13 19:21	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	90		75 - 125	05/09/13 09:20	05/16/13 19:21	50
4-Bromofluorobenzene (Surr)	103		75 - 120	05/09/13 09:20	05/16/13 19:21	50
Dibromofluoromethane	86		75 - 120	05/09/13 09:20	05/16/13 19:21	50
Toluene-d8 (Surr)	99		75 - 120	05/09/13 09:20	05/16/13 19:21	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	650		39	19	ug/Kg	☼	05/15/13 07:14	05/22/13 20:52	1
2-Methylnaphthalene	230		200	51	ug/Kg	☼	05/15/13 07:14	05/22/13 20:52	1
Acenaphthene	51		39	12	ug/Kg	☼	05/15/13 07:14	05/22/13 20:52	1
Acenaphthylene	<9.0		39	9.0	ug/Kg	☼	05/15/13 07:14	05/22/13 20:52	1
Anthracene	<9.2		39	9.2	ug/Kg	☼	05/15/13 07:14	05/22/13 20:52	1
Benzo[a]anthracene	<8.2		39	8.2	ug/Kg	☼	05/15/13 07:14	05/22/13 20:52	1
Benzo[a]pyrene	<7.1		39	7.1	ug/Kg	☼	05/15/13 07:14	05/22/13 20:52	1
Benzo[b]fluoranthene	<7.6		39	7.6	ug/Kg	☼	05/15/13 07:14	05/22/13 20:52	1
Benzo[g,h,i]perylene	<13		39	13	ug/Kg	☼	05/15/13 07:14	05/22/13 20:52	1
Benzo[k]fluoranthene	<9.3		39	9.3	ug/Kg	☼	05/15/13 07:14	05/22/13 20:52	1
Chrysene	12 J		39	8.8	ug/Kg	☼	05/15/13 07:14	05/22/13 20:52	1
Dibenz(a,h)anthracene	<11		39	11	ug/Kg	☼	05/15/13 07:14	05/22/13 20:52	1
Fluoranthene	<16		39	16	ug/Kg	☼	05/15/13 07:14	05/22/13 20:52	1
Fluorene	17 J		39	8.9	ug/Kg	☼	05/15/13 07:14	05/22/13 20:52	1
Indeno[1,2,3-cd]pyrene	<13		39	13	ug/Kg	☼	05/15/13 07:14	05/22/13 20:52	1
Phenanthrene	24 J		39	16	ug/Kg	☼	05/15/13 07:14	05/22/13 20:52	1
Pyrene	16 J		39	14	ug/Kg	☼	05/15/13 07:14	05/22/13 20:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	68		30 - 119	05/15/13 07:14	05/22/13 20:52	1
Nitrobenzene-d5 (Surr)	62		30 - 115	05/15/13 07:14	05/22/13 20:52	1
Terphenyl-d14 (Surr)	85		36 - 134	05/15/13 07:14	05/22/13 20:52	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	27000		970	190	ug/Kg	☼	05/15/13 07:14	05/23/13 21:06	25

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-56871-1

Client Sample ID: B-116 0-2'

Lab Sample ID: 500-56871-20

Date Collected: 05/09/13 11:50

Matrix: Solid

Date Received: 05/10/13 10:30

Percent Solids: 88.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<30		180	30	ug/Kg	☼	05/09/13 11:50	05/16/13 18:32	50
1,1,1-Trichloroethane	<18		88	18	ug/Kg	☼	05/09/13 11:50	05/16/13 18:32	50
1,1,2,2-Tetrachloroethane	<21		88	21	ug/Kg	☼	05/09/13 11:50	05/16/13 18:32	50
1,1,2-Trichloroethane	<24		88	24	ug/Kg	☼	05/09/13 11:50	05/16/13 18:32	50
1,1-Dichloroethane	<16		88	16	ug/Kg	☼	05/09/13 11:50	05/16/13 18:32	50
1,1-Dichloroethene	<27		88	27	ug/Kg	☼	05/09/13 11:50	05/16/13 18:32	50
1,1-Dichloropropene	<30		88	30	ug/Kg	☼	05/09/13 11:50	05/16/13 18:32	50
1,2,3-Trichlorobenzene	<31		180	31	ug/Kg	☼	05/09/13 11:50	05/16/13 18:32	50
1,2,3-Trichloropropane	<50 *		180	50	ug/Kg	☼	05/09/13 11:50	05/16/13 18:32	50
1,2,4-Trichlorobenzene	<33		180	33	ug/Kg	☼	05/09/13 11:50	05/16/13 18:32	50
1,2,4-Trimethylbenzene	<19		180	19	ug/Kg	☼	05/09/13 11:50	05/16/13 18:32	50
1,2-Dibromo-3-Chloropropane	<76		180	76	ug/Kg	☼	05/09/13 11:50	05/16/13 18:32	50
1,2-Dibromoethane	<28		180	28	ug/Kg	☼	05/09/13 11:50	05/16/13 18:32	50
1,2-Dichlorobenzene	<18		180	18	ug/Kg	☼	05/09/13 11:50	05/16/13 18:32	50
1,2-Dichloroethane	<25		88	25	ug/Kg	☼	05/09/13 11:50	05/16/13 18:32	50
1,2-Dichloropropane	<17		88	17	ug/Kg	☼	05/09/13 11:50	05/16/13 18:32	50
1,3,5-Trimethylbenzene	<18		180	18	ug/Kg	☼	05/09/13 11:50	05/16/13 18:32	50
1,3-Dichlorobenzene	<23		180	23	ug/Kg	☼	05/09/13 11:50	05/16/13 18:32	50
1,3-Dichloropropane	<12		88	12	ug/Kg	☼	05/09/13 11:50	05/16/13 18:32	50
1,4-Dichlorobenzene	<15		180	15	ug/Kg	☼	05/09/13 11:50	05/16/13 18:32	50
2,2-Dichloropropane	<28		88	28	ug/Kg	☼	05/09/13 11:50	05/16/13 18:32	50
2-Chlorotoluene	<18		88	18	ug/Kg	☼	05/09/13 11:50	05/16/13 18:32	50
4-Chlorotoluene	<17		88	17	ug/Kg	☼	05/09/13 11:50	05/16/13 18:32	50
Benzene	<6.5		22	6.5	ug/Kg	☼	05/09/13 11:50	05/16/13 18:32	50
Bromobenzene	<37		180	37	ug/Kg	☼	05/09/13 11:50	05/16/13 18:32	50
Bromochloromethane	<33		180	33	ug/Kg	☼	05/09/13 11:50	05/16/13 18:32	50
Bromodichloromethane	<30		180	30	ug/Kg	☼	05/09/13 11:50	05/16/13 18:32	50
Bromoform	<39		180	39	ug/Kg	☼	05/09/13 11:50	05/16/13 18:32	50
Bromomethane	<60		180	60	ug/Kg	☼	05/09/13 11:50	05/16/13 18:32	50
Carbon tetrachloride	<23		88	23	ug/Kg	☼	05/09/13 11:50	05/16/13 18:32	50
Chlorobenzene	<13		88	13	ug/Kg	☼	05/09/13 11:50	05/16/13 18:32	50
Chloroethane	<38		180	38	ug/Kg	☼	05/09/13 11:50	05/16/13 18:32	50
Chloroform	<18		88	18	ug/Kg	☼	05/09/13 11:50	05/16/13 18:32	50
Chloromethane	<41		180	41	ug/Kg	☼	05/09/13 11:50	05/16/13 18:32	50
cis-1,2-Dichloroethene	<11		88	11	ug/Kg	☼	05/09/13 11:50	05/16/13 18:32	50
cis-1,3-Dichloropropene	<16		88	16	ug/Kg	☼	05/09/13 11:50	05/16/13 18:32	50
Dibromochloromethane	<30		180	30	ug/Kg	☼	05/09/13 11:50	05/16/13 18:32	50
Dibromomethane	<42		180	42	ug/Kg	☼	05/09/13 11:50	05/16/13 18:32	50
Dichlorodifluoromethane	<45		180	45	ug/Kg	☼	05/09/13 11:50	05/16/13 18:32	50
Ethylbenzene	<11		22	11	ug/Kg	☼	05/09/13 11:50	05/16/13 18:32	50
Hexachlorobutadiene	<30		180	30	ug/Kg	☼	05/09/13 11:50	05/16/13 18:32	50
Isopropyl ether	<13		180	13	ug/Kg	☼	05/09/13 11:50	05/16/13 18:32	50
Isopropylbenzene	<22		180	22	ug/Kg	☼	05/09/13 11:50	05/16/13 18:32	50
Methyl tert-butyl ether	<38		180	38	ug/Kg	☼	05/09/13 11:50	05/16/13 18:32	50
Methylene Chloride	<60		440	60	ug/Kg	☼	05/09/13 11:50	05/16/13 18:32	50
Naphthalene	5100		180	43	ug/Kg	☼	05/09/13 11:50	05/16/13 18:32	50
n-Butylbenzene	<11		88	11	ug/Kg	☼	05/09/13 11:50	05/16/13 18:32	50
N-Propylbenzene	<15		180	15	ug/Kg	☼	05/09/13 11:50	05/16/13 18:32	50
p-Isopropyltoluene	<16		180	16	ug/Kg	☼	05/09/13 11:50	05/16/13 18:32	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-56871-1

Client Sample ID: B-116 0-2'

Lab Sample ID: 500-56871-20

Date Collected: 05/09/13 11:50

Matrix: Solid

Date Received: 05/10/13 10:30

Percent Solids: 88.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<14		88	14	ug/Kg	☼	05/09/13 11:50	05/16/13 18:32	50
Styrene	<8.7		88	8.7	ug/Kg	☼	05/09/13 11:50	05/16/13 18:32	50
tert-Butylbenzene	<12		88	12	ug/Kg	☼	05/09/13 11:50	05/16/13 18:32	50
Tetrachloroethene	<15		88	15	ug/Kg	☼	05/09/13 11:50	05/16/13 18:32	50
Toluene	<10		22	10	ug/Kg	☼	05/09/13 11:50	05/16/13 18:32	50
trans-1,2-Dichloroethene	<22		88	22	ug/Kg	☼	05/09/13 11:50	05/16/13 18:32	50
trans-1,3-Dichloropropene	<18		88	18	ug/Kg	☼	05/09/13 11:50	05/16/13 18:32	50
Trichloroethene	<16		44	16	ug/Kg	☼	05/09/13 11:50	05/16/13 18:32	50
Trichlorofluoromethane	<36		180	36	ug/Kg	☼	05/09/13 11:50	05/16/13 18:32	50
Vinyl chloride	<9.1		22	9.1	ug/Kg	☼	05/09/13 11:50	05/16/13 18:32	50
Xylenes, Total	<6.0		44	6.0	ug/Kg	☼	05/09/13 11:50	05/16/13 18:32	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		75 - 125				05/09/13 11:50	05/16/13 18:32	50
4-Bromofluorobenzene (Surr)	100		75 - 120				05/09/13 11:50	05/16/13 18:32	50
Dibromofluoromethane	93		75 - 120				05/09/13 11:50	05/16/13 18:32	50
Toluene-d8 (Surr)	95		75 - 120				05/09/13 11:50	05/16/13 18:32	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	350		37	19	ug/Kg	☼	05/15/13 07:14	05/21/13 19:59	1
2-Methylnaphthalene	140	J	190	49	ug/Kg	☼	05/15/13 07:14	05/21/13 19:59	1
Acenaphthene	880		37	11	ug/Kg	☼	05/15/13 07:14	05/21/13 19:59	1
Acenaphthylene	710		37	8.6	ug/Kg	☼	05/15/13 07:14	05/21/13 19:59	1
Benzo[k]fluoranthene	1500		37	8.9	ug/Kg	☼	05/15/13 07:14	05/21/13 19:59	1
Dibenz(a,h)anthracene	1500		37	10	ug/Kg	☼	05/15/13 07:14	05/21/13 19:59	1
Fluorene	1700		37	8.5	ug/Kg	☼	05/15/13 07:14	05/21/13 19:59	1
Naphthalene	910		37	7.2	ug/Kg	☼	05/15/13 07:14	05/21/13 19:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	60		30 - 119				05/15/13 07:14	05/21/13 19:59	1
Nitrobenzene-d5 (Surr)	55		30 - 115				05/15/13 07:14	05/21/13 19:59	1
Terphenyl-d14 (Surr)	104		36 - 134				05/15/13 07:14	05/21/13 19:59	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	4700		190	44	ug/Kg	☼	05/15/13 07:14	05/22/13 13:02	5
Benzo[a]anthracene	6300		190	39	ug/Kg	☼	05/15/13 07:14	05/22/13 13:02	5
Benzo[a]pyrene	5800		190	34	ug/Kg	☼	05/15/13 07:14	05/22/13 13:02	5
Benzo[b]fluoranthene	7000		190	36	ug/Kg	☼	05/15/13 07:14	05/22/13 13:02	5
Benzo[g,h,i]perylene	4800		190	63	ug/Kg	☼	05/15/13 07:14	05/22/13 13:02	5
Chrysene	6300		190	42	ug/Kg	☼	05/15/13 07:14	05/22/13 13:02	5
Fluoranthene	11000		190	77	ug/Kg	☼	05/15/13 07:14	05/22/13 13:02	5
Indeno[1,2,3-cd]pyrene	3900		190	63	ug/Kg	☼	05/15/13 07:14	05/22/13 13:02	5
Phenanthrene	7600		190	78	ug/Kg	☼	05/15/13 07:14	05/22/13 13:02	5
Pyrene	11000		190	68	ug/Kg	☼	05/15/13 07:14	05/22/13 13:02	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	69		30 - 119				05/15/13 07:14	05/22/13 13:02	5
Nitrobenzene-d5 (Surr)	57		30 - 115				05/15/13 07:14	05/22/13 13:02	5
Terphenyl-d14 (Surr)	103		36 - 134				05/15/13 07:14	05/22/13 13:02	5

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-56871-1

Client Sample ID: B-116 10-12'

Lab Sample ID: 500-56871-21

Date Collected: 05/09/13 12:00

Matrix: Solid

Date Received: 05/10/13 10:30

Percent Solids: 83.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<34		200	34	ug/Kg	☼	05/09/13 12:00	05/16/13 18:56	50
1,1,1-Trichloroethane	<20		99	20	ug/Kg	☼	05/09/13 12:00	05/16/13 18:56	50
1,1,2,2-Tetrachloroethane	<23		99	23	ug/Kg	☼	05/09/13 12:00	05/16/13 18:56	50
1,1,2-Trichloroethane	<28		99	28	ug/Kg	☼	05/09/13 12:00	05/16/13 18:56	50
1,1-Dichloroethane	<18		99	18	ug/Kg	☼	05/09/13 12:00	05/16/13 18:56	50
1,1-Dichloroethene	<30		99	30	ug/Kg	☼	05/09/13 12:00	05/16/13 18:56	50
1,1-Dichloropropene	<34		99	34	ug/Kg	☼	05/09/13 12:00	05/16/13 18:56	50
1,2,3-Trichlorobenzene	<35		200	35	ug/Kg	☼	05/09/13 12:00	05/16/13 18:56	50
1,2,3-Trichloropropane	<57 *		200	57	ug/Kg	☼	05/09/13 12:00	05/16/13 18:56	50
1,2,4-Trichlorobenzene	<37		200	37	ug/Kg	☼	05/09/13 12:00	05/16/13 18:56	50
1,2,4-Trimethylbenzene	<21		200	21	ug/Kg	☼	05/09/13 12:00	05/16/13 18:56	50
1,2-Dibromo-3-Chloropropane	<86		200	86	ug/Kg	☼	05/09/13 12:00	05/16/13 18:56	50
1,2-Dibromoethane	<31		200	31	ug/Kg	☼	05/09/13 12:00	05/16/13 18:56	50
1,2-Dichlorobenzene	<20		200	20	ug/Kg	☼	05/09/13 12:00	05/16/13 18:56	50
1,2-Dichloroethane	<28		99	28	ug/Kg	☼	05/09/13 12:00	05/16/13 18:56	50
1,2-Dichloropropane	<19		99	19	ug/Kg	☼	05/09/13 12:00	05/16/13 18:56	50
1,3,5-Trimethylbenzene	<20		200	20	ug/Kg	☼	05/09/13 12:00	05/16/13 18:56	50
1,3-Dichlorobenzene	<25		200	25	ug/Kg	☼	05/09/13 12:00	05/16/13 18:56	50
1,3-Dichloropropane	<13		99	13	ug/Kg	☼	05/09/13 12:00	05/16/13 18:56	50
1,4-Dichlorobenzene	<17		200	17	ug/Kg	☼	05/09/13 12:00	05/16/13 18:56	50
2,2-Dichloropropane	<31		99	31	ug/Kg	☼	05/09/13 12:00	05/16/13 18:56	50
2-Chlorotoluene	<20		99	20	ug/Kg	☼	05/09/13 12:00	05/16/13 18:56	50
4-Chlorotoluene	<19		99	19	ug/Kg	☼	05/09/13 12:00	05/16/13 18:56	50
Benzene	<7.3		25	7.3	ug/Kg	☼	05/09/13 12:00	05/16/13 18:56	50
Bromobenzene	<42		200	42	ug/Kg	☼	05/09/13 12:00	05/16/13 18:56	50
Bromochloromethane	<37		200	37	ug/Kg	☼	05/09/13 12:00	05/16/13 18:56	50
Bromodichloromethane	<33		200	33	ug/Kg	☼	05/09/13 12:00	05/16/13 18:56	50
Bromoform	<44		200	44	ug/Kg	☼	05/09/13 12:00	05/16/13 18:56	50
Bromomethane	<67		200	67	ug/Kg	☼	05/09/13 12:00	05/16/13 18:56	50
Carbon tetrachloride	<25		99	25	ug/Kg	☼	05/09/13 12:00	05/16/13 18:56	50
Chlorobenzene	<14		99	14	ug/Kg	☼	05/09/13 12:00	05/16/13 18:56	50
Chloroethane	<43		200	43	ug/Kg	☼	05/09/13 12:00	05/16/13 18:56	50
Chloroform	<20		99	20	ug/Kg	☼	05/09/13 12:00	05/16/13 18:56	50
Chloromethane	<46		200	46	ug/Kg	☼	05/09/13 12:00	05/16/13 18:56	50
cis-1,2-Dichloroethene	<12		99	12	ug/Kg	☼	05/09/13 12:00	05/16/13 18:56	50
cis-1,3-Dichloropropene	<18		99	18	ug/Kg	☼	05/09/13 12:00	05/16/13 18:56	50
Dibromochloromethane	<34		200	34	ug/Kg	☼	05/09/13 12:00	05/16/13 18:56	50
Dibromomethane	<48		200	48	ug/Kg	☼	05/09/13 12:00	05/16/13 18:56	50
Dichlorodifluoromethane	<51		200	51	ug/Kg	☼	05/09/13 12:00	05/16/13 18:56	50
Ethylbenzene	<12		25	12	ug/Kg	☼	05/09/13 12:00	05/16/13 18:56	50
Hexachlorobutadiene	<34		200	34	ug/Kg	☼	05/09/13 12:00	05/16/13 18:56	50
Isopropyl ether	<15		200	15	ug/Kg	☼	05/09/13 12:00	05/16/13 18:56	50
Isopropylbenzene	<25		200	25	ug/Kg	☼	05/09/13 12:00	05/16/13 18:56	50
Methyl tert-butyl ether	<43		200	43	ug/Kg	☼	05/09/13 12:00	05/16/13 18:56	50
Methylene Chloride	<68		490	68	ug/Kg	☼	05/09/13 12:00	05/16/13 18:56	50
Naphthalene	170 J		200	49	ug/Kg	☼	05/09/13 12:00	05/16/13 18:56	50
n-Butylbenzene	<13		99	13	ug/Kg	☼	05/09/13 12:00	05/16/13 18:56	50
N-Propylbenzene	<17		200	17	ug/Kg	☼	05/09/13 12:00	05/16/13 18:56	50
p-Isopropyltoluene	<18		200	18	ug/Kg	☼	05/09/13 12:00	05/16/13 18:56	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-56871-1

Client Sample ID: B-116 10-12'

Lab Sample ID: 500-56871-21

Date Collected: 05/09/13 12:00

Matrix: Solid

Date Received: 05/10/13 10:30

Percent Solids: 83.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<15		99	15	ug/Kg	☼	05/09/13 12:00	05/16/13 18:56	50
Styrene	<9.8		99	9.8	ug/Kg	☼	05/09/13 12:00	05/16/13 18:56	50
tert-Butylbenzene	<13		99	13	ug/Kg	☼	05/09/13 12:00	05/16/13 18:56	50
Tetrachloroethene	<17		99	17	ug/Kg	☼	05/09/13 12:00	05/16/13 18:56	50
Toluene	<11		25	11	ug/Kg	☼	05/09/13 12:00	05/16/13 18:56	50
trans-1,2-Dichloroethene	<25		99	25	ug/Kg	☼	05/09/13 12:00	05/16/13 18:56	50
trans-1,3-Dichloropropene	<21		99	21	ug/Kg	☼	05/09/13 12:00	05/16/13 18:56	50
Trichloroethene	<18		49	18	ug/Kg	☼	05/09/13 12:00	05/16/13 18:56	50
Trichlorofluoromethane	<41		200	41	ug/Kg	☼	05/09/13 12:00	05/16/13 18:56	50
Vinyl chloride	<10		25	10	ug/Kg	☼	05/09/13 12:00	05/16/13 18:56	50
Xylenes, Total	<6.8		49	6.8	ug/Kg	☼	05/09/13 12:00	05/16/13 18:56	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		75 - 125				05/09/13 12:00	05/16/13 18:56	50
4-Bromofluorobenzene (Surr)	103		75 - 120				05/09/13 12:00	05/16/13 18:56	50
Dibromofluoromethane	89		75 - 120				05/09/13 12:00	05/16/13 18:56	50
Toluene-d8 (Surr)	97		75 - 120				05/09/13 12:00	05/16/13 18:56	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<19		38	19	ug/Kg	☼	05/10/13 17:00	05/17/13 18:28	1
2-Methylnaphthalene	<49		190	49	ug/Kg	☼	05/10/13 17:00	05/17/13 18:28	1
Acenaphthene	17	J	38	11	ug/Kg	☼	05/10/13 17:00	05/17/13 18:28	1
Acenaphthylene	<8.8		38	8.8	ug/Kg	☼	05/10/13 17:00	05/17/13 18:28	1
Anthracene	66		38	9.0	ug/Kg	☼	05/10/13 17:00	05/17/13 18:28	1
Benzo[a]anthracene	22	J	38	8.0	ug/Kg	☼	05/10/13 17:00	05/17/13 18:28	1
Benzo[a]pyrene	14	J	38	6.9	ug/Kg	☼	05/10/13 17:00	05/17/13 18:28	1
Benzo[b]fluoranthene	15	J	38	7.4	ug/Kg	☼	05/10/13 17:00	05/17/13 18:28	1
Benzo[g,h,i]perylene	<13		38	13	ug/Kg	☼	05/10/13 17:00	05/17/13 18:28	1
Benzo[k]fluoranthene	9.5	J	38	9.1	ug/Kg	☼	05/10/13 17:00	05/17/13 18:28	1
Chrysene	25	J	38	8.6	ug/Kg	☼	05/10/13 17:00	05/17/13 18:28	1
Dibenz(a,h)anthracene	<11		38	11	ug/Kg	☼	05/10/13 17:00	05/17/13 18:28	1
Fluoranthene	68		38	16	ug/Kg	☼	05/10/13 17:00	05/17/13 18:28	1
Fluorene	29	J	38	8.7	ug/Kg	☼	05/10/13 17:00	05/17/13 18:28	1
Indeno[1,2,3-cd]pyrene	<13		38	13	ug/Kg	☼	05/10/13 17:00	05/17/13 18:28	1
Naphthalene	270		38	7.3	ug/Kg	☼	05/10/13 17:00	05/17/13 18:28	1
Phenanthrene	110		38	16	ug/Kg	☼	05/10/13 17:00	05/17/13 18:28	1
Pyrene	49		38	14	ug/Kg	☼	05/10/13 17:00	05/17/13 18:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	41		30 - 119				05/10/13 17:00	05/17/13 18:28	1
Nitrobenzene-d5 (Surr)	36		30 - 115				05/10/13 17:00	05/17/13 18:28	1
Terphenyl-d14 (Surr)	49		36 - 134				05/10/13 17:00	05/17/13 18:28	1

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-56871-1

Client Sample ID: B-116 15'

Lab Sample ID: 500-56871-22

Date Collected: 05/09/13 12:05

Matrix: Solid

Date Received: 05/10/13 10:30

Percent Solids: 83.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<33		190	33	ug/Kg	☼	05/09/13 12:05	05/17/13 00:28	50
1,1,1-Trichloroethane	<19		97	19	ug/Kg	☼	05/09/13 12:05	05/17/13 00:28	50
1,1,2,2-Tetrachloroethane	<23		97	23	ug/Kg	☼	05/09/13 12:05	05/17/13 00:28	50
1,1,2-Trichloroethane	<27		97	27	ug/Kg	☼	05/09/13 12:05	05/17/13 00:28	50
1,1-Dichloroethane	<18		97	18	ug/Kg	☼	05/09/13 12:05	05/17/13 00:28	50
1,1-Dichloroethene	<30		97	30	ug/Kg	☼	05/09/13 12:05	05/17/13 00:28	50
1,1-Dichloropropene	<33		97	33	ug/Kg	☼	05/09/13 12:05	05/17/13 00:28	50
1,2,3-Trichlorobenzene	<34		190	34	ug/Kg	☼	05/09/13 12:05	05/17/13 00:28	50
1,2,3-Trichloropropane	<55 *		190	55	ug/Kg	☼	05/09/13 12:05	05/17/13 00:28	50
1,2,4-Trichlorobenzene	<37		190	37	ug/Kg	☼	05/09/13 12:05	05/17/13 00:28	50
1,2,4-Trimethylbenzene	<20		190	20	ug/Kg	☼	05/09/13 12:05	05/17/13 00:28	50
1,2-Dibromo-3-Chloropropane	<84		190	84	ug/Kg	☼	05/09/13 12:05	05/17/13 00:28	50
1,2-Dibromoethane	<30		190	30	ug/Kg	☼	05/09/13 12:05	05/17/13 00:28	50
1,2-Dichlorobenzene	<20		190	20	ug/Kg	☼	05/09/13 12:05	05/17/13 00:28	50
1,2-Dichloroethane	<28		97	28	ug/Kg	☼	05/09/13 12:05	05/17/13 00:28	50
1,2-Dichloropropane	<19		97	19	ug/Kg	☼	05/09/13 12:05	05/17/13 00:28	50
1,3,5-Trimethylbenzene	<20		190	20	ug/Kg	☼	05/09/13 12:05	05/17/13 00:28	50
1,3-Dichlorobenzene	<25		190	25	ug/Kg	☼	05/09/13 12:05	05/17/13 00:28	50
1,3-Dichloropropane	<13		97	13	ug/Kg	☼	05/09/13 12:05	05/17/13 00:28	50
1,4-Dichlorobenzene	<17		190	17	ug/Kg	☼	05/09/13 12:05	05/17/13 00:28	50
2,2-Dichloropropane	<31		97	31	ug/Kg	☼	05/09/13 12:05	05/17/13 00:28	50
2-Chlorotoluene	<20		97	20	ug/Kg	☼	05/09/13 12:05	05/17/13 00:28	50
4-Chlorotoluene	<19		97	19	ug/Kg	☼	05/09/13 12:05	05/17/13 00:28	50
Benzene	<7.2		24	7.2	ug/Kg	☼	05/09/13 12:05	05/17/13 00:28	50
Bromobenzene	<41		190	41	ug/Kg	☼	05/09/13 12:05	05/17/13 00:28	50
Bromochloromethane	<37		190	37	ug/Kg	☼	05/09/13 12:05	05/17/13 00:28	50
Bromodichloromethane	<33		190	33	ug/Kg	☼	05/09/13 12:05	05/17/13 00:28	50
Bromoform	<43		190	43	ug/Kg	☼	05/09/13 12:05	05/17/13 00:28	50
Bromomethane	<66		190	66	ug/Kg	☼	05/09/13 12:05	05/17/13 00:28	50
Carbon tetrachloride	<25		97	25	ug/Kg	☼	05/09/13 12:05	05/17/13 00:28	50
Chlorobenzene	<14		97	14	ug/Kg	☼	05/09/13 12:05	05/17/13 00:28	50
Chloroethane	<42		190	42	ug/Kg	☼	05/09/13 12:05	05/17/13 00:28	50
Chloroform	<20		97	20	ug/Kg	☼	05/09/13 12:05	05/17/13 00:28	50
Chloromethane	<45		190	45	ug/Kg	☼	05/09/13 12:05	05/17/13 00:28	50
cis-1,2-Dichloroethene	<12		97	12	ug/Kg	☼	05/09/13 12:05	05/17/13 00:28	50
cis-1,3-Dichloropropene	<17		97	17	ug/Kg	☼	05/09/13 12:05	05/17/13 00:28	50
Dibromochloromethane	<33		190	33	ug/Kg	☼	05/09/13 12:05	05/17/13 00:28	50
Dibromomethane	<46		190	46	ug/Kg	☼	05/09/13 12:05	05/17/13 00:28	50
Dichlorodifluoromethane	<50		190	50	ug/Kg	☼	05/09/13 12:05	05/17/13 00:28	50
Ethylbenzene	<12		24	12	ug/Kg	☼	05/09/13 12:05	05/17/13 00:28	50
Hexachlorobutadiene	<33		190	33	ug/Kg	☼	05/09/13 12:05	05/17/13 00:28	50
Isopropyl ether	<14		190	14	ug/Kg	☼	05/09/13 12:05	05/17/13 00:28	50
Isopropylbenzene	<24		190	24	ug/Kg	☼	05/09/13 12:05	05/17/13 00:28	50
Methyl tert-butyl ether	<42		190	42	ug/Kg	☼	05/09/13 12:05	05/17/13 00:28	50
Methylene Chloride	<66		480	66	ug/Kg	☼	05/09/13 12:05	05/17/13 00:28	50
Naphthalene	<48		190	48	ug/Kg	☼	05/09/13 12:05	05/17/13 00:28	50
n-Butylbenzene	<12		97	12	ug/Kg	☼	05/09/13 12:05	05/17/13 00:28	50
N-Propylbenzene	<17		190	17	ug/Kg	☼	05/09/13 12:05	05/17/13 00:28	50
p-Isopropyltoluene	<18		190	18	ug/Kg	☼	05/09/13 12:05	05/17/13 00:28	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-56871-1

Client Sample ID: B-116 15'

Lab Sample ID: 500-56871-22

Date Collected: 05/09/13 12:05

Matrix: Solid

Date Received: 05/10/13 10:30

Percent Solids: 83.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<15		97	15	ug/Kg	☼	05/09/13 12:05	05/17/13 00:28	50
Styrene	<9.5		97	9.5	ug/Kg	☼	05/09/13 12:05	05/17/13 00:28	50
tert-Butylbenzene	<13		97	13	ug/Kg	☼	05/09/13 12:05	05/17/13 00:28	50
Tetrachloroethene	<16		97	16	ug/Kg	☼	05/09/13 12:05	05/17/13 00:28	50
Toluene	<11		24	11	ug/Kg	☼	05/09/13 12:05	05/17/13 00:28	50
trans-1,2-Dichloroethene	<24		97	24	ug/Kg	☼	05/09/13 12:05	05/17/13 00:28	50
trans-1,3-Dichloropropene	<20		97	20	ug/Kg	☼	05/09/13 12:05	05/17/13 00:28	50
Trichloroethene	<18		48	18	ug/Kg	☼	05/09/13 12:05	05/17/13 00:28	50
Trichlorofluoromethane	<40		190	40	ug/Kg	☼	05/09/13 12:05	05/17/13 00:28	50
Vinyl chloride	<10		24	10	ug/Kg	☼	05/09/13 12:05	05/17/13 00:28	50
Xylenes, Total	<6.6		48	6.6	ug/Kg	☼	05/09/13 12:05	05/17/13 00:28	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93		75 - 125				05/09/13 12:05	05/17/13 00:28	50
4-Bromofluorobenzene (Surr)	106		75 - 120				05/09/13 12:05	05/17/13 00:28	50
Dibromofluoromethane	92		75 - 120				05/09/13 12:05	05/17/13 00:28	50
Toluene-d8 (Surr)	96		75 - 120				05/09/13 12:05	05/17/13 00:28	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<19		38	19	ug/Kg	☼	05/10/13 17:00	05/17/13 18:51	1
2-Methylnaphthalene	<50		190	50	ug/Kg	☼	05/10/13 17:00	05/17/13 18:51	1
Acenaphthene	<11		38	11	ug/Kg	☼	05/10/13 17:00	05/17/13 18:51	1
Acenaphthylene	<8.8		38	8.8	ug/Kg	☼	05/10/13 17:00	05/17/13 18:51	1
Anthracene	<9.0		38	9.0	ug/Kg	☼	05/10/13 17:00	05/17/13 18:51	1
Benzo[a]anthracene	<8.0		38	8.0	ug/Kg	☼	05/10/13 17:00	05/17/13 18:51	1
Benzo[a]pyrene	<7.0		38	7.0	ug/Kg	☼	05/10/13 17:00	05/17/13 18:51	1
Benzo[b]fluoranthene	<7.4		38	7.4	ug/Kg	☼	05/10/13 17:00	05/17/13 18:51	1
Benzo[g,h,i]perylene	<13		38	13	ug/Kg	☼	05/10/13 17:00	05/17/13 18:51	1
Benzo[k]fluoranthene	<9.1		38	9.1	ug/Kg	☼	05/10/13 17:00	05/17/13 18:51	1
Chrysene	9.3	J	38	8.6	ug/Kg	☼	05/10/13 17:00	05/17/13 18:51	1
Dibenz(a,h)anthracene	<11		38	11	ug/Kg	☼	05/10/13 17:00	05/17/13 18:51	1
Fluoranthene	<16		38	16	ug/Kg	☼	05/10/13 17:00	05/17/13 18:51	1
Fluorene	<8.7		38	8.7	ug/Kg	☼	05/10/13 17:00	05/17/13 18:51	1
Indeno[1,2,3-cd]pyrene	<13		38	13	ug/Kg	☼	05/10/13 17:00	05/17/13 18:51	1
Naphthalene	8.9	J	38	7.4	ug/Kg	☼	05/10/13 17:00	05/17/13 18:51	1
Phenanthrene	<16		38	16	ug/Kg	☼	05/10/13 17:00	05/17/13 18:51	1
Pyrene	<14		38	14	ug/Kg	☼	05/10/13 17:00	05/17/13 18:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	44		30 - 119				05/10/13 17:00	05/17/13 18:51	1
Nitrobenzene-d5 (Surr)	39		30 - 115				05/10/13 17:00	05/17/13 18:51	1
Terphenyl-d14 (Surr)	55		36 - 134				05/10/13 17:00	05/17/13 18:51	1

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-56871-1

Client Sample ID: B-117 0-2'

Lab Sample ID: 500-56871-23

Date Collected: 05/09/13 12:10

Matrix: Solid

Date Received: 05/10/13 10:30

Percent Solids: 87.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<31		180	31	ug/Kg	☼	05/09/13 12:10	05/17/13 00:53	50
1,1,1-Trichloroethane	<18		90	18	ug/Kg	☼	05/09/13 12:10	05/17/13 00:53	50
1,1,2,2-Tetrachloroethane	<21		90	21	ug/Kg	☼	05/09/13 12:10	05/17/13 00:53	50
1,1,2-Trichloroethane	<25		90	25	ug/Kg	☼	05/09/13 12:10	05/17/13 00:53	50
1,1-Dichloroethane	<17		90	17	ug/Kg	☼	05/09/13 12:10	05/17/13 00:53	50
1,1-Dichloroethene	<28		90	28	ug/Kg	☼	05/09/13 12:10	05/17/13 00:53	50
1,1-Dichloropropene	<31		90	31	ug/Kg	☼	05/09/13 12:10	05/17/13 00:53	50
1,2,3-Trichlorobenzene	<31		180	31	ug/Kg	☼	05/09/13 12:10	05/17/13 00:53	50
1,2,3-Trichloropropane	<51 *		180	51	ug/Kg	☼	05/09/13 12:10	05/17/13 00:53	50
1,2,4-Trichlorobenzene	<34		180	34	ug/Kg	☼	05/09/13 12:10	05/17/13 00:53	50
1,2,4-Trimethylbenzene	<19		180	19	ug/Kg	☼	05/09/13 12:10	05/17/13 00:53	50
1,2-Dibromo-3-Chloropropane	<78		180	78	ug/Kg	☼	05/09/13 12:10	05/17/13 00:53	50
1,2-Dibromoethane	<28		180	28	ug/Kg	☼	05/09/13 12:10	05/17/13 00:53	50
1,2-Dichlorobenzene	<18		180	18	ug/Kg	☼	05/09/13 12:10	05/17/13 00:53	50
1,2-Dichloroethane	<26		90	26	ug/Kg	☼	05/09/13 12:10	05/17/13 00:53	50
1,2-Dichloropropane	<18		90	18	ug/Kg	☼	05/09/13 12:10	05/17/13 00:53	50
1,3,5-Trimethylbenzene	<18		180	18	ug/Kg	☼	05/09/13 12:10	05/17/13 00:53	50
1,3-Dichlorobenzene	<23		180	23	ug/Kg	☼	05/09/13 12:10	05/17/13 00:53	50
1,3-Dichloropropane	<12		90	12	ug/Kg	☼	05/09/13 12:10	05/17/13 00:53	50
1,4-Dichlorobenzene	<16		180	16	ug/Kg	☼	05/09/13 12:10	05/17/13 00:53	50
2,2-Dichloropropane	<28		90	28	ug/Kg	☼	05/09/13 12:10	05/17/13 00:53	50
2-Chlorotoluene	<19		90	19	ug/Kg	☼	05/09/13 12:10	05/17/13 00:53	50
4-Chlorotoluene	<18		90	18	ug/Kg	☼	05/09/13 12:10	05/17/13 00:53	50
Benzene	<6.7		22	6.7	ug/Kg	☼	05/09/13 12:10	05/17/13 00:53	50
Bromobenzene	<38		180	38	ug/Kg	☼	05/09/13 12:10	05/17/13 00:53	50
Bromochloromethane	<34		180	34	ug/Kg	☼	05/09/13 12:10	05/17/13 00:53	50
Bromodichloromethane	<30		180	30	ug/Kg	☼	05/09/13 12:10	05/17/13 00:53	50
Bromoform	<40		180	40	ug/Kg	☼	05/09/13 12:10	05/17/13 00:53	50
Bromomethane	<61		180	61	ug/Kg	☼	05/09/13 12:10	05/17/13 00:53	50
Carbon tetrachloride	<23		90	23	ug/Kg	☼	05/09/13 12:10	05/17/13 00:53	50
Chlorobenzene	<13		90	13	ug/Kg	☼	05/09/13 12:10	05/17/13 00:53	50
Chloroethane	<39		180	39	ug/Kg	☼	05/09/13 12:10	05/17/13 00:53	50
Chloroform	<18		90	18	ug/Kg	☼	05/09/13 12:10	05/17/13 00:53	50
Chloromethane	<41		180	41	ug/Kg	☼	05/09/13 12:10	05/17/13 00:53	50
cis-1,2-Dichloroethene	<11		90	11	ug/Kg	☼	05/09/13 12:10	05/17/13 00:53	50
cis-1,3-Dichloropropene	<16		90	16	ug/Kg	☼	05/09/13 12:10	05/17/13 00:53	50
Dibromochloromethane	<31		180	31	ug/Kg	☼	05/09/13 12:10	05/17/13 00:53	50
Dibromomethane	<43		180	43	ug/Kg	☼	05/09/13 12:10	05/17/13 00:53	50
Dichlorodifluoromethane	<46		180	46	ug/Kg	☼	05/09/13 12:10	05/17/13 00:53	50
Ethylbenzene	<11		22	11	ug/Kg	☼	05/09/13 12:10	05/17/13 00:53	50
Hexachlorobutadiene	<31		180	31	ug/Kg	☼	05/09/13 12:10	05/17/13 00:53	50
Isopropyl ether	<13		180	13	ug/Kg	☼	05/09/13 12:10	05/17/13 00:53	50
Isopropylbenzene	<23		180	23	ug/Kg	☼	05/09/13 12:10	05/17/13 00:53	50
Methyl tert-butyl ether	<39		180	39	ug/Kg	☼	05/09/13 12:10	05/17/13 00:53	50
Methylene Chloride	<61		450	61	ug/Kg	☼	05/09/13 12:10	05/17/13 00:53	50
Naphthalene	<44		180	44	ug/Kg	☼	05/09/13 12:10	05/17/13 00:53	50
n-Butylbenzene	<12		90	12	ug/Kg	☼	05/09/13 12:10	05/17/13 00:53	50
N-Propylbenzene	<16		180	16	ug/Kg	☼	05/09/13 12:10	05/17/13 00:53	50
p-Isopropyltoluene	<17		180	17	ug/Kg	☼	05/09/13 12:10	05/17/13 00:53	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-56871-1

Client Sample ID: B-117 0-2'

Lab Sample ID: 500-56871-23

Date Collected: 05/09/13 12:10

Matrix: Solid

Date Received: 05/10/13 10:30

Percent Solids: 87.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<14		90	14	ug/Kg	☼	05/09/13 12:10	05/17/13 00:53	50
Styrene	<8.9		90	8.9	ug/Kg	☼	05/09/13 12:10	05/17/13 00:53	50
tert-Butylbenzene	<12		90	12	ug/Kg	☼	05/09/13 12:10	05/17/13 00:53	50
Tetrachloroethene	<15		90	15	ug/Kg	☼	05/09/13 12:10	05/17/13 00:53	50
Toluene	<10		22	10	ug/Kg	☼	05/09/13 12:10	05/17/13 00:53	50
trans-1,2-Dichloroethene	<22		90	22	ug/Kg	☼	05/09/13 12:10	05/17/13 00:53	50
trans-1,3-Dichloropropene	<19		90	19	ug/Kg	☼	05/09/13 12:10	05/17/13 00:53	50
Trichloroethene	<17		45	17	ug/Kg	☼	05/09/13 12:10	05/17/13 00:53	50
Trichlorofluoromethane	<37		180	37	ug/Kg	☼	05/09/13 12:10	05/17/13 00:53	50
Vinyl chloride	<9.3		22	9.3	ug/Kg	☼	05/09/13 12:10	05/17/13 00:53	50
Xylenes, Total	<6.1		45	6.1	ug/Kg	☼	05/09/13 12:10	05/17/13 00:53	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	92		75 - 125				05/09/13 12:10	05/17/13 00:53	50
4-Bromofluorobenzene (Surr)	102		75 - 120				05/09/13 12:10	05/17/13 00:53	50
Dibromofluoromethane	92		75 - 120				05/09/13 12:10	05/17/13 00:53	50
Toluene-d8 (Surr)	94		75 - 120				05/09/13 12:10	05/17/13 00:53	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	38		36	18	ug/Kg	☼	05/10/13 17:00	05/17/13 19:13	1
2-Methylnaphthalene	<46		180	46	ug/Kg	☼	05/10/13 17:00	05/17/13 19:13	1
Acenaphthene	110		36	11	ug/Kg	☼	05/10/13 17:00	05/17/13 19:13	1
Acenaphthylene	450		36	8.2	ug/Kg	☼	05/10/13 17:00	05/17/13 19:13	1
Anthracene	990		36	8.4	ug/Kg	☼	05/10/13 17:00	05/17/13 19:13	1
Benzo[g,h,i]perylene	2600		36	12	ug/Kg	☼	05/10/13 17:00	05/17/13 19:13	1
Benzo[k]fluoranthene	1300		36	8.5	ug/Kg	☼	05/10/13 17:00	05/17/13 19:13	1
Dibenz(a,h)anthracene	890		36	10	ug/Kg	☼	05/10/13 17:00	05/17/13 19:13	1
Fluorene	150		36	8.1	ug/Kg	☼	05/10/13 17:00	05/17/13 19:13	1
Indeno[1,2,3-cd]pyrene	2200		36	12	ug/Kg	☼	05/10/13 17:00	05/17/13 19:13	1
Naphthalene	180		36	6.9	ug/Kg	☼	05/10/13 17:00	05/17/13 19:13	1
Phenanthrene	1600		36	15	ug/Kg	☼	05/10/13 17:00	05/17/13 19:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	54		30 - 119				05/10/13 17:00	05/17/13 19:13	1
Nitrobenzene-d5 (Surr)	47		30 - 115				05/10/13 17:00	05/17/13 19:13	1
Terphenyl-d14 (Surr)	91		36 - 134				05/10/13 17:00	05/17/13 19:13	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	4400		180	37	ug/Kg	☼	05/10/13 17:00	05/23/13 13:24	5
Benzo[a]pyrene	4600		180	33	ug/Kg	☼	05/10/13 17:00	05/23/13 13:24	5
Benzo[b]fluoranthene	5300		180	35	ug/Kg	☼	05/10/13 17:00	05/23/13 13:24	5
Chrysene	4300		180	40	ug/Kg	☼	05/10/13 17:00	05/23/13 13:24	5
Fluoranthene	6500		180	73	ug/Kg	☼	05/10/13 17:00	05/23/13 13:24	5
Pyrene	6100		180	65	ug/Kg	☼	05/10/13 17:00	05/23/13 13:24	5

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-56871-1

Client Sample ID: B-117 10-12'

Lab Sample ID: 500-56871-24

Date Collected: 05/09/13 12:20

Matrix: Solid

Date Received: 05/10/13 10:30

Percent Solids: 84.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<32		180	32	ug/Kg	☼	05/09/13 12:20	05/17/13 01:17	50
1,1,1-Trichloroethane	<19		92	19	ug/Kg	☼	05/09/13 12:20	05/17/13 01:17	50
1,1,2,2-Tetrachloroethane	<22		92	22	ug/Kg	☼	05/09/13 12:20	05/17/13 01:17	50
1,1,2-Trichloroethane	<26		92	26	ug/Kg	☼	05/09/13 12:20	05/17/13 01:17	50
1,1-Dichloroethane	<17		92	17	ug/Kg	☼	05/09/13 12:20	05/17/13 01:17	50
1,1-Dichloroethene	<28		92	28	ug/Kg	☼	05/09/13 12:20	05/17/13 01:17	50
1,1-Dichloropropene	<32		92	32	ug/Kg	☼	05/09/13 12:20	05/17/13 01:17	50
1,2,3-Trichlorobenzene	<32		180	32	ug/Kg	☼	05/09/13 12:20	05/17/13 01:17	50
1,2,3-Trichloropropane	<53 *		180	53	ug/Kg	☼	05/09/13 12:20	05/17/13 01:17	50
1,2,4-Trichlorobenzene	<35		180	35	ug/Kg	☼	05/09/13 12:20	05/17/13 01:17	50
1,2,4-Trimethylbenzene	<20		180	20	ug/Kg	☼	05/09/13 12:20	05/17/13 01:17	50
1,2-Dibromo-3-Chloropropane	<81		180	81	ug/Kg	☼	05/09/13 12:20	05/17/13 01:17	50
1,2-Dibromoethane	<29		180	29	ug/Kg	☼	05/09/13 12:20	05/17/13 01:17	50
1,2-Dichlorobenzene	<19		180	19	ug/Kg	☼	05/09/13 12:20	05/17/13 01:17	50
1,2-Dichloroethane	<26		92	26	ug/Kg	☼	05/09/13 12:20	05/17/13 01:17	50
1,2-Dichloropropane	<18		92	18	ug/Kg	☼	05/09/13 12:20	05/17/13 01:17	50
1,3,5-Trimethylbenzene	<19		180	19	ug/Kg	☼	05/09/13 12:20	05/17/13 01:17	50
1,3-Dichlorobenzene	<24		180	24	ug/Kg	☼	05/09/13 12:20	05/17/13 01:17	50
1,3-Dichloropropane	<12		92	12	ug/Kg	☼	05/09/13 12:20	05/17/13 01:17	50
1,4-Dichlorobenzene	<16		180	16	ug/Kg	☼	05/09/13 12:20	05/17/13 01:17	50
2,2-Dichloropropane	<29		92	29	ug/Kg	☼	05/09/13 12:20	05/17/13 01:17	50
2-Chlorotoluene	<19		92	19	ug/Kg	☼	05/09/13 12:20	05/17/13 01:17	50
4-Chlorotoluene	<18		92	18	ug/Kg	☼	05/09/13 12:20	05/17/13 01:17	50
Benzene	<6.9		23	6.9	ug/Kg	☼	05/09/13 12:20	05/17/13 01:17	50
Bromobenzene	<39		180	39	ug/Kg	☼	05/09/13 12:20	05/17/13 01:17	50
Bromochloromethane	<35		180	35	ug/Kg	☼	05/09/13 12:20	05/17/13 01:17	50
Bromodichloromethane	<31		180	31	ug/Kg	☼	05/09/13 12:20	05/17/13 01:17	50
Bromoform	<41		180	41	ug/Kg	☼	05/09/13 12:20	05/17/13 01:17	50
Bromomethane	<63		180	63	ug/Kg	☼	05/09/13 12:20	05/17/13 01:17	50
Carbon tetrachloride	<24		92	24	ug/Kg	☼	05/09/13 12:20	05/17/13 01:17	50
Chlorobenzene	<13		92	13	ug/Kg	☼	05/09/13 12:20	05/17/13 01:17	50
Chloroethane	<40		180	40	ug/Kg	☼	05/09/13 12:20	05/17/13 01:17	50
Chloroform	<19		92	19	ug/Kg	☼	05/09/13 12:20	05/17/13 01:17	50
Chloromethane	<43		180	43	ug/Kg	☼	05/09/13 12:20	05/17/13 01:17	50
cis-1,2-Dichloroethene	<11		92	11	ug/Kg	☼	05/09/13 12:20	05/17/13 01:17	50
cis-1,3-Dichloropropene	<16		92	16	ug/Kg	☼	05/09/13 12:20	05/17/13 01:17	50
Dibromochloromethane	<32		180	32	ug/Kg	☼	05/09/13 12:20	05/17/13 01:17	50
Dibromomethane	<44		180	44	ug/Kg	☼	05/09/13 12:20	05/17/13 01:17	50
Dichlorodifluoromethane	<47		180	47	ug/Kg	☼	05/09/13 12:20	05/17/13 01:17	50
Ethylbenzene	<12		23	12	ug/Kg	☼	05/09/13 12:20	05/17/13 01:17	50
Hexachlorobutadiene	<32		180	32	ug/Kg	☼	05/09/13 12:20	05/17/13 01:17	50
Isopropyl ether	<14		180	14	ug/Kg	☼	05/09/13 12:20	05/17/13 01:17	50
Isopropylbenzene	<23		180	23	ug/Kg	☼	05/09/13 12:20	05/17/13 01:17	50
Methyl tert-butyl ether	<40		180	40	ug/Kg	☼	05/09/13 12:20	05/17/13 01:17	50
Methylene Chloride	<63		460	63	ug/Kg	☼	05/09/13 12:20	05/17/13 01:17	50
Naphthalene	<46		180	46	ug/Kg	☼	05/09/13 12:20	05/17/13 01:17	50
n-Butylbenzene	<12		92	12	ug/Kg	☼	05/09/13 12:20	05/17/13 01:17	50
N-Propylbenzene	<16		180	16	ug/Kg	☼	05/09/13 12:20	05/17/13 01:17	50
p-Isopropyltoluene	<17		180	17	ug/Kg	☼	05/09/13 12:20	05/17/13 01:17	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-56871-1

Client Sample ID: B-117 10-12'

Lab Sample ID: 500-56871-24

Date Collected: 05/09/13 12:20

Matrix: Solid

Date Received: 05/10/13 10:30

Percent Solids: 84.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<14		92	14	ug/Kg	☼	05/09/13 12:20	05/17/13 01:17	50
Styrene	<9.1		92	9.1	ug/Kg	☼	05/09/13 12:20	05/17/13 01:17	50
tert-Butylbenzene	<13		92	13	ug/Kg	☼	05/09/13 12:20	05/17/13 01:17	50
Tetrachloroethene	<15		92	15	ug/Kg	☼	05/09/13 12:20	05/17/13 01:17	50
Toluene	<11		23	11	ug/Kg	☼	05/09/13 12:20	05/17/13 01:17	50
trans-1,2-Dichloroethene	<23		92	23	ug/Kg	☼	05/09/13 12:20	05/17/13 01:17	50
trans-1,3-Dichloropropene	<19		92	19	ug/Kg	☼	05/09/13 12:20	05/17/13 01:17	50
Trichloroethene	<17		46	17	ug/Kg	☼	05/09/13 12:20	05/17/13 01:17	50
Trichlorofluoromethane	<38		180	38	ug/Kg	☼	05/09/13 12:20	05/17/13 01:17	50
Vinyl chloride	<9.6		23	9.6	ug/Kg	☼	05/09/13 12:20	05/17/13 01:17	50
Xylenes, Total	<6.3		46	6.3	ug/Kg	☼	05/09/13 12:20	05/17/13 01:17	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	88		75 - 125				05/09/13 12:20	05/17/13 01:17	50
4-Bromofluorobenzene (Surr)	103		75 - 120				05/09/13 12:20	05/17/13 01:17	50
Dibromofluoromethane	90		75 - 120				05/09/13 12:20	05/17/13 01:17	50
Toluene-d8 (Surr)	97		75 - 120				05/09/13 12:20	05/17/13 01:17	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<19		38	19	ug/Kg	☼	05/10/13 17:00	05/17/13 19:35	1
2-Methylnaphthalene	<50		190	50	ug/Kg	☼	05/10/13 17:00	05/17/13 19:35	1
Acenaphthene	23	J	38	12	ug/Kg	☼	05/10/13 17:00	05/17/13 19:35	1
Acenaphthylene	25	J	38	8.8	ug/Kg	☼	05/10/13 17:00	05/17/13 19:35	1
Anthracene	130		38	9.1	ug/Kg	☼	05/10/13 17:00	05/17/13 19:35	1
Benzo[a]anthracene	440		38	8.1	ug/Kg	☼	05/10/13 17:00	05/17/13 19:35	1
Benzo[a]pyrene	420		38	7.0	ug/Kg	☼	05/10/13 17:00	05/17/13 19:35	1
Benzo[b]fluoranthene	530		38	7.5	ug/Kg	☼	05/10/13 17:00	05/17/13 19:35	1
Benzo[g,h,i]perylene	300		38	13	ug/Kg	☼	05/10/13 17:00	05/17/13 19:35	1
Benzo[k]fluoranthene	240		38	9.2	ug/Kg	☼	05/10/13 17:00	05/17/13 19:35	1
Chrysene	480		38	8.7	ug/Kg	☼	05/10/13 17:00	05/17/13 19:35	1
Dibenz(a,h)anthracene	120		38	11	ug/Kg	☼	05/10/13 17:00	05/17/13 19:35	1
Fluoranthene	1100		38	16	ug/Kg	☼	05/10/13 17:00	05/17/13 19:35	1
Fluorene	53		38	8.8	ug/Kg	☼	05/10/13 17:00	05/17/13 19:35	1
Indeno[1,2,3-cd]pyrene	250		38	13	ug/Kg	☼	05/10/13 17:00	05/17/13 19:35	1
Naphthalene	13	J	38	7.4	ug/Kg	☼	05/10/13 17:00	05/17/13 19:35	1
Phenanthrene	300		38	16	ug/Kg	☼	05/10/13 17:00	05/17/13 19:35	1
Pyrene	780		38	14	ug/Kg	☼	05/10/13 17:00	05/17/13 19:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	55		30 - 119				05/10/13 17:00	05/17/13 19:35	1
Nitrobenzene-d5 (Surr)	46		30 - 115				05/10/13 17:00	05/17/13 19:35	1
Terphenyl-d14 (Surr)	68		36 - 134				05/10/13 17:00	05/17/13 19:35	1

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-56871-1

Client Sample ID: B-117 15'

Lab Sample ID: 500-56871-25

Date Collected: 05/09/13 12:25

Matrix: Solid

Date Received: 05/10/13 10:30

Percent Solids: 81.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<45		260	45	ug/Kg	☼	05/09/13 12:25	05/17/13 01:42	50
1,1,1-Trichloroethane	<26		130	26	ug/Kg	☼	05/09/13 12:25	05/17/13 01:42	50
1,1,1,2,2-Tetrachloroethane	<31		130	31	ug/Kg	☼	05/09/13 12:25	05/17/13 01:42	50
1,1,1,2-Trichloroethane	<37		130	37	ug/Kg	☼	05/09/13 12:25	05/17/13 01:42	50
1,1-Dichloroethane	<24		130	24	ug/Kg	☼	05/09/13 12:25	05/17/13 01:42	50
1,1-Dichloroethene	<40		130	40	ug/Kg	☼	05/09/13 12:25	05/17/13 01:42	50
1,1-Dichloropropene	<45		130	45	ug/Kg	☼	05/09/13 12:25	05/17/13 01:42	50
1,2,3-Trichlorobenzene	<46		260	46	ug/Kg	☼	05/09/13 12:25	05/17/13 01:42	50
1,2,3-Trichloropropane	<75 *		260	75	ug/Kg	☼	05/09/13 12:25	05/17/13 01:42	50
1,2,4-Trichlorobenzene	<50		260	50	ug/Kg	☼	05/09/13 12:25	05/17/13 01:42	50
1,2,4-Trimethylbenzene	<28		260	28	ug/Kg	☼	05/09/13 12:25	05/17/13 01:42	50
1,2-Dibromo-3-Chloropropane	<110		260	110	ug/Kg	☼	05/09/13 12:25	05/17/13 01:42	50
1,2-Dibromoethane	<41		260	41	ug/Kg	☼	05/09/13 12:25	05/17/13 01:42	50
1,2-Dichlorobenzene	<27		260	27	ug/Kg	☼	05/09/13 12:25	05/17/13 01:42	50
1,2-Dichloroethane	<37		130	37	ug/Kg	☼	05/09/13 12:25	05/17/13 01:42	50
1,2-Dichloropropane	<26		130	26	ug/Kg	☼	05/09/13 12:25	05/17/13 01:42	50
1,3,5-Trimethylbenzene	<27		260	27	ug/Kg	☼	05/09/13 12:25	05/17/13 01:42	50
1,3-Dichlorobenzene	<34		260	34	ug/Kg	☼	05/09/13 12:25	05/17/13 01:42	50
1,3-Dichloropropane	<18		130	18	ug/Kg	☼	05/09/13 12:25	05/17/13 01:42	50
1,4-Dichlorobenzene	<23		260	23	ug/Kg	☼	05/09/13 12:25	05/17/13 01:42	50
2,2-Dichloropropane	<41		130	41	ug/Kg	☼	05/09/13 12:25	05/17/13 01:42	50
2-Chlorotoluene	<27		130	27	ug/Kg	☼	05/09/13 12:25	05/17/13 01:42	50
4-Chlorotoluene	<26		130	26	ug/Kg	☼	05/09/13 12:25	05/17/13 01:42	50
Benzene	<9.7		33	9.7	ug/Kg	☼	05/09/13 12:25	05/17/13 01:42	50
Bromobenzene	<56		260	56	ug/Kg	☼	05/09/13 12:25	05/17/13 01:42	50
Bromochloromethane	<50		260	50	ug/Kg	☼	05/09/13 12:25	05/17/13 01:42	50
Bromodichloromethane	<44		260	44	ug/Kg	☼	05/09/13 12:25	05/17/13 01:42	50
Bromoform	<58		260	58	ug/Kg	☼	05/09/13 12:25	05/17/13 01:42	50
Bromomethane	<90		260	90	ug/Kg	☼	05/09/13 12:25	05/17/13 01:42	50
Carbon tetrachloride	<34		130	34	ug/Kg	☼	05/09/13 12:25	05/17/13 01:42	50
Chlorobenzene	<19		130	19	ug/Kg	☼	05/09/13 12:25	05/17/13 01:42	50
Chloroethane	<57		260	57	ug/Kg	☼	05/09/13 12:25	05/17/13 01:42	50
Chloroform	<27		130	27	ug/Kg	☼	05/09/13 12:25	05/17/13 01:42	50
Chloromethane	<61		260	61	ug/Kg	☼	05/09/13 12:25	05/17/13 01:42	50
cis-1,2-Dichloroethene	<16		130	16	ug/Kg	☼	05/09/13 12:25	05/17/13 01:42	50
cis-1,3-Dichloropropene	<23		130	23	ug/Kg	☼	05/09/13 12:25	05/17/13 01:42	50
Dibromochloromethane	<45		260	45	ug/Kg	☼	05/09/13 12:25	05/17/13 01:42	50
Dibromomethane	<63		260	63	ug/Kg	☼	05/09/13 12:25	05/17/13 01:42	50
Dichlorodifluoromethane	<67		260	67	ug/Kg	☼	05/09/13 12:25	05/17/13 01:42	50
Ethylbenzene	<17		33	17	ug/Kg	☼	05/09/13 12:25	05/17/13 01:42	50
Hexachlorobutadiene	<45		260	45	ug/Kg	☼	05/09/13 12:25	05/17/13 01:42	50
Isopropyl ether	<19		260	19	ug/Kg	☼	05/09/13 12:25	05/17/13 01:42	50
Isopropylbenzene	<33		260	33	ug/Kg	☼	05/09/13 12:25	05/17/13 01:42	50
Methyl tert-butyl ether	<56		260	56	ug/Kg	☼	05/09/13 12:25	05/17/13 01:42	50
Methylene Chloride	<90		660	90	ug/Kg	☼	05/09/13 12:25	05/17/13 01:42	50
Naphthalene	<65		260	65	ug/Kg	☼	05/09/13 12:25	05/17/13 01:42	50
n-Butylbenzene	<17		130	17	ug/Kg	☼	05/09/13 12:25	05/17/13 01:42	50
N-Propylbenzene	<23		260	23	ug/Kg	☼	05/09/13 12:25	05/17/13 01:42	50
p-Isopropyltoluene	<24		260	24	ug/Kg	☼	05/09/13 12:25	05/17/13 01:42	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-56871-1

Client Sample ID: B-117 15'

Lab Sample ID: 500-56871-25

Date Collected: 05/09/13 12:25

Matrix: Solid

Date Received: 05/10/13 10:30

Percent Solids: 81.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<20		130	20	ug/Kg	☼	05/09/13 12:25	05/17/13 01:42	50
Styrene	<13		130	13	ug/Kg	☼	05/09/13 12:25	05/17/13 01:42	50
tert-Butylbenzene	<18		130	18	ug/Kg	☼	05/09/13 12:25	05/17/13 01:42	50
Tetrachloroethene	<22		130	22	ug/Kg	☼	05/09/13 12:25	05/17/13 01:42	50
Toluene	<15		33	15	ug/Kg	☼	05/09/13 12:25	05/17/13 01:42	50
trans-1,2-Dichloroethene	<33		130	33	ug/Kg	☼	05/09/13 12:25	05/17/13 01:42	50
trans-1,3-Dichloropropene	<27		130	27	ug/Kg	☼	05/09/13 12:25	05/17/13 01:42	50
Trichloroethene	<24		66	24	ug/Kg	☼	05/09/13 12:25	05/17/13 01:42	50
Trichlorofluoromethane	<54		260	54	ug/Kg	☼	05/09/13 12:25	05/17/13 01:42	50
Vinyl chloride	<14		33	14	ug/Kg	☼	05/09/13 12:25	05/17/13 01:42	50
Xylenes, Total	<9.0		66	9.0	ug/Kg	☼	05/09/13 12:25	05/17/13 01:42	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94		75 - 125				05/09/13 12:25	05/17/13 01:42	50
4-Bromofluorobenzene (Surr)	103		75 - 120				05/09/13 12:25	05/17/13 01:42	50
Dibromofluoromethane	89		75 - 120				05/09/13 12:25	05/17/13 01:42	50
Toluene-d8 (Surr)	97		75 - 120				05/09/13 12:25	05/17/13 01:42	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<19		38	19	ug/Kg	☼	05/10/13 17:00	05/17/13 19:57	1
2-Methylnaphthalene	<50		190	50	ug/Kg	☼	05/10/13 17:00	05/17/13 19:57	1
Acenaphthene	<12		38	12	ug/Kg	☼	05/10/13 17:00	05/17/13 19:57	1
Acenaphthylene	<8.9		38	8.9	ug/Kg	☼	05/10/13 17:00	05/17/13 19:57	1
Anthracene	<9.1		38	9.1	ug/Kg	☼	05/10/13 17:00	05/17/13 19:57	1
Benzo[a]anthracene	<8.1		38	8.1	ug/Kg	☼	05/10/13 17:00	05/17/13 19:57	1
Benzo[a]pyrene	<7.1		38	7.1	ug/Kg	☼	05/10/13 17:00	05/17/13 19:57	1
Benzo[b]fluoranthene	<7.5		38	7.5	ug/Kg	☼	05/10/13 17:00	05/17/13 19:57	1
Benzo[g,h,i]perylene	<13		38	13	ug/Kg	☼	05/10/13 17:00	05/17/13 19:57	1
Benzo[k]fluoranthene	<9.2		38	9.2	ug/Kg	☼	05/10/13 17:00	05/17/13 19:57	1
Chrysene	<8.7		38	8.7	ug/Kg	☼	05/10/13 17:00	05/17/13 19:57	1
Dibenz(a,h)anthracene	<11		38	11	ug/Kg	☼	05/10/13 17:00	05/17/13 19:57	1
Fluoranthene	<16		38	16	ug/Kg	☼	05/10/13 17:00	05/17/13 19:57	1
Fluorene	<8.8		38	8.8	ug/Kg	☼	05/10/13 17:00	05/17/13 19:57	1
Indeno[1,2,3-cd]pyrene	<13		38	13	ug/Kg	☼	05/10/13 17:00	05/17/13 19:57	1
Naphthalene	<7.5		38	7.5	ug/Kg	☼	05/10/13 17:00	05/17/13 19:57	1
Phenanthrene	<16		38	16	ug/Kg	☼	05/10/13 17:00	05/17/13 19:57	1
Pyrene	<14		38	14	ug/Kg	☼	05/10/13 17:00	05/17/13 19:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	43		30 - 119				05/10/13 17:00	05/17/13 19:57	1
Nitrobenzene-d5 (Surr)	36		30 - 115				05/10/13 17:00	05/17/13 19:57	1
Terphenyl-d14 (Surr)	53		36 - 134				05/10/13 17:00	05/17/13 19:57	1

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-56871-1

Client Sample ID: Trip Blank

Lab Sample ID: 500-56871-26

Date Collected: 05/09/13 00:00

Matrix: Solid

Date Received: 05/10/13 10:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<17		100	17	ug/Kg		05/09/13 00:00	05/17/13 02:06	50
1,1,1-Trichloroethane	<10		50	10	ug/Kg		05/09/13 00:00	05/17/13 02:06	50
1,1,1,2,2-Tetrachloroethane	<12		50	12	ug/Kg		05/09/13 00:00	05/17/13 02:06	50
1,1,1,2-Trichloroethane	<14		50	14	ug/Kg		05/09/13 00:00	05/17/13 02:06	50
1,1-Dichloroethane	<9.3		50	9.3	ug/Kg		05/09/13 00:00	05/17/13 02:06	50
1,1-Dichloroethene	<15		50	15	ug/Kg		05/09/13 00:00	05/17/13 02:06	50
1,1-Dichloropropene	<17		50	17	ug/Kg		05/09/13 00:00	05/17/13 02:06	50
1,2,3-Trichlorobenzene	<18		100	18	ug/Kg		05/09/13 00:00	05/17/13 02:06	50
1,2,3-Trichloropropane	<29 *		100	29	ug/Kg		05/09/13 00:00	05/17/13 02:06	50
1,2,4-Trichlorobenzene	<19		100	19	ug/Kg		05/09/13 00:00	05/17/13 02:06	50
1,2,4-Trimethylbenzene	<11		100	11	ug/Kg		05/09/13 00:00	05/17/13 02:06	50
1,2-Dibromo-3-Chloropropane	<44		100	44	ug/Kg		05/09/13 00:00	05/17/13 02:06	50
1,2-Dibromoethane	<16		100	16	ug/Kg		05/09/13 00:00	05/17/13 02:06	50
1,2-Dichlorobenzene	<10		100	10	ug/Kg		05/09/13 00:00	05/17/13 02:06	50
1,2-Dichloroethane	<14		50	14	ug/Kg		05/09/13 00:00	05/17/13 02:06	50
1,2-Dichloropropane	<9.8		50	9.8	ug/Kg		05/09/13 00:00	05/17/13 02:06	50
1,3,5-Trimethylbenzene	<10		100	10	ug/Kg		05/09/13 00:00	05/17/13 02:06	50
1,3-Dichlorobenzene	<13		100	13	ug/Kg		05/09/13 00:00	05/17/13 02:06	50
1,3-Dichloropropane	<6.7		50	6.7	ug/Kg		05/09/13 00:00	05/17/13 02:06	50
1,4-Dichlorobenzene	<8.7		100	8.7	ug/Kg		05/09/13 00:00	05/17/13 02:06	50
2,2-Dichloropropane	<16		50	16	ug/Kg		05/09/13 00:00	05/17/13 02:06	50
2-Chlorotoluene	<10		50	10	ug/Kg		05/09/13 00:00	05/17/13 02:06	50
4-Chlorotoluene	<9.9		50	9.9	ug/Kg		05/09/13 00:00	05/17/13 02:06	50
Benzene	<3.7		13	3.7	ug/Kg		05/09/13 00:00	05/17/13 02:06	50
Bromobenzene	<21		100	21	ug/Kg		05/09/13 00:00	05/17/13 02:06	50
Bromochloromethane	<19		100	19	ug/Kg		05/09/13 00:00	05/17/13 02:06	50
Bromodichloromethane	<17		100	17	ug/Kg		05/09/13 00:00	05/17/13 02:06	50
Bromoform	<22		100	22	ug/Kg		05/09/13 00:00	05/17/13 02:06	50
Bromomethane	<34		100	34	ug/Kg		05/09/13 00:00	05/17/13 02:06	50
Carbon tetrachloride	<13		50	13	ug/Kg		05/09/13 00:00	05/17/13 02:06	50
Chlorobenzene	<7.2		50	7.2	ug/Kg		05/09/13 00:00	05/17/13 02:06	50
Chloroethane	<22		100	22	ug/Kg		05/09/13 00:00	05/17/13 02:06	50
Chloroform	<10		50	10	ug/Kg		05/09/13 00:00	05/17/13 02:06	50
Chloromethane	<23		100	23	ug/Kg		05/09/13 00:00	05/17/13 02:06	50
cis-1,2-Dichloroethene	<6.2		50	6.2	ug/Kg		05/09/13 00:00	05/17/13 02:06	50
cis-1,3-Dichloropropene	<8.9		50	8.9	ug/Kg		05/09/13 00:00	05/17/13 02:06	50
Dibromochloromethane	<17		100	17	ug/Kg		05/09/13 00:00	05/17/13 02:06	50
Dibromomethane	<24		100	24	ug/Kg		05/09/13 00:00	05/17/13 02:06	50
Dichlorodifluoromethane	<26		100	26	ug/Kg		05/09/13 00:00	05/17/13 02:06	50
Ethylbenzene	<6.3		13	6.3	ug/Kg		05/09/13 00:00	05/17/13 02:06	50
Hexachlorobutadiene	<17		100	17	ug/Kg		05/09/13 00:00	05/17/13 02:06	50
Isopropyl ether	<7.4		100	7.4	ug/Kg		05/09/13 00:00	05/17/13 02:06	50
Isopropylbenzene	<13		100	13	ug/Kg		05/09/13 00:00	05/17/13 02:06	50
Methyl tert-butyl ether	<22		100	22	ug/Kg		05/09/13 00:00	05/17/13 02:06	50
Methylene Chloride	<34		250	34	ug/Kg		05/09/13 00:00	05/17/13 02:06	50
Naphthalene	<25		100	25	ug/Kg		05/09/13 00:00	05/17/13 02:06	50
n-Butylbenzene	<6.5		50	6.5	ug/Kg		05/09/13 00:00	05/17/13 02:06	50
N-Propylbenzene	<8.8		100	8.8	ug/Kg		05/09/13 00:00	05/17/13 02:06	50
p-Isopropyltoluene	<9.3		100	9.3	ug/Kg		05/09/13 00:00	05/17/13 02:06	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-56871-1

Client Sample ID: Trip Blank

Lab Sample ID: 500-56871-26

Date Collected: 05/09/13 00:00

Matrix: Solid

Date Received: 05/10/13 10:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<7.7		50	7.7	ug/Kg		05/09/13 00:00	05/17/13 02:06	50
Styrene	<4.9		50	4.9	ug/Kg		05/09/13 00:00	05/17/13 02:06	50
tert-Butylbenzene	<6.8		50	6.8	ug/Kg		05/09/13 00:00	05/17/13 02:06	50
Tetrachloroethene	<8.4		50	8.4	ug/Kg		05/09/13 00:00	05/17/13 02:06	50
Toluene	<5.8		13	5.8	ug/Kg		05/09/13 00:00	05/17/13 02:06	50
trans-1,2-Dichloroethene	<13		50	13	ug/Kg		05/09/13 00:00	05/17/13 02:06	50
trans-1,3-Dichloropropene	<10		50	10	ug/Kg		05/09/13 00:00	05/17/13 02:06	50
Trichloroethene	<9.3		25	9.3	ug/Kg		05/09/13 00:00	05/17/13 02:06	50
Trichlorofluoromethane	<21		100	21	ug/Kg		05/09/13 00:00	05/17/13 02:06	50
Vinyl chloride	<5.2		13	5.2	ug/Kg		05/09/13 00:00	05/17/13 02:06	50
Xylenes, Total	<3.4		25	3.4	ug/Kg		05/09/13 00:00	05/17/13 02:06	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	92		75 - 125				05/09/13 00:00	05/17/13 02:06	50
4-Bromofluorobenzene (Surr)	103		75 - 120				05/09/13 00:00	05/17/13 02:06	50
Dibromofluoromethane	91		75 - 120				05/09/13 00:00	05/17/13 02:06	50
Toluene-d8 (Surr)	95		75 - 120				05/09/13 00:00	05/17/13 02:06	50

Definitions/Glossary

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-56871-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD 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/MS 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.
D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.

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
DER	Duplicate error ratio (normalized absolute difference)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
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
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

QC Association Summary

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-56871-1

GC/MS VOA

Prep Batch: 186000

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-56871-1	SB-706 12-14'	Total/NA	Solid	5035	
500-56871-1 MS	SB-706 12-14'	Total/NA	Solid	5035	
500-56871-1 MSD	SB-706 12-14'	Total/NA	Solid	5035	
500-56871-2	SB-711 15-16'	Total/NA	Solid	5035	
500-56871-2 - DL	SB-711 15-16'	Total/NA	Solid	5035	
500-56871-3	SB-713 19-20'	Total/NA	Solid	5035	
500-56871-3 - DL	SB-713 19-20'	Total/NA	Solid	5035	
500-56871-4	SB-714 15.5-16'	Total/NA	Solid	5035	
500-56871-4 - DL	SB-714 15.5-16'	Total/NA	Solid	5035	
500-56871-5	SB-715 15'	Total/NA	Solid	5035	
500-56871-5 - DL	SB-715 15'	Total/NA	Solid	5035	
500-56871-6	SB-716 15'	Total/NA	Solid	5035	
500-56871-7	SB-715 18'	Total/NA	Solid	5035	
500-56871-8	SB-717 15'	Total/NA	Solid	5035	
500-56871-9	SB-718 15'	Total/NA	Solid	5035	
500-56871-10	SB-719 15'	Total/NA	Solid	5035	
500-56871-11	SB-720 15'	Total/NA	Solid	5035	
500-56871-12	SB-721 15'	Total/NA	Solid	5035	
500-56871-13	SB-722 15'	Total/NA	Solid	5035	
500-56871-14	SB-723 15'	Total/NA	Solid	5035	
500-56871-14 - DL	SB-723 15'	Total/NA	Solid	5035	
500-56871-15	SB-723 18'	Total/NA	Solid	5035	
500-56871-16	SB-724 15'	Total/NA	Solid	5035	
500-56871-16 - DL	SB-724 15'	Total/NA	Solid	5035	
500-56871-17	SB-727 15'	Total/NA	Solid	5035	
LB3 500-186000/19-A LB3	Method Blank	Total/NA	Solid	5035	
LCS 500-186000/20-A	Lab Control Sample	Total/NA	Solid	5035	

Prep Batch: 186001

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-56871-18	MW-804 15'	Total/NA	Solid	5035	
500-56871-19	MW-805 15'	Total/NA	Solid	5035	
500-56871-20	B-116 0-2'	Total/NA	Solid	5035	
500-56871-21	B-116 10-12'	Total/NA	Solid	5035	
500-56871-22	B-116 15'	Total/NA	Solid	5035	
500-56871-23	B-117 0-2'	Total/NA	Solid	5035	
500-56871-24	B-117 10-12'	Total/NA	Solid	5035	
500-56871-25	B-117 15'	Total/NA	Solid	5035	
500-56871-26	Trip Blank	Total/NA	Solid	5035	
LB3 500-186001/11-A LB3	Method Blank	Total/NA	Solid	5035	
LCS 500-186001/12-A	Lab Control Sample	Total/NA	Solid	5035	

Analysis Batch: 186369

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-56871-1	SB-706 12-14'	Total/NA	Solid	8260B	186000
500-56871-1 MS	SB-706 12-14'	Total/NA	Solid	8260B	186000
500-56871-1 MSD	SB-706 12-14'	Total/NA	Solid	8260B	186000
500-56871-2	SB-711 15-16'	Total/NA	Solid	8260B	186000
500-56871-2 - DL	SB-711 15-16'	Total/NA	Solid	8260B	186000
500-56871-3	SB-713 19-20'	Total/NA	Solid	8260B	186000
500-56871-3 - DL	SB-713 19-20'	Total/NA	Solid	8260B	186000

TestAmerica Chicago

QC Association Summary

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-56871-1

GC/MS VOA (Continued)

Analysis Batch: 186369 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-56871-4	SB-714 15.5-16'	Total/NA	Solid	8260B	186000
500-56871-4 - DL	SB-714 15.5-16'	Total/NA	Solid	8260B	186000
500-56871-5	SB-715 15'	Total/NA	Solid	8260B	186000
500-56871-5 - DL	SB-715 15'	Total/NA	Solid	8260B	186000
500-56871-6	SB-716 15'	Total/NA	Solid	8260B	186000
500-56871-7	SB-715 18'	Total/NA	Solid	8260B	186000
500-56871-8	SB-717 15'	Total/NA	Solid	8260B	186000
500-56871-9	SB-718 15'	Total/NA	Solid	8260B	186000
500-56871-10	SB-719 15'	Total/NA	Solid	8260B	186000
500-56871-11	SB-720 15'	Total/NA	Solid	8260B	186000
500-56871-12	SB-721 15'	Total/NA	Solid	8260B	186000
500-56871-13	SB-722 15'	Total/NA	Solid	8260B	186000
LB3 500-186000/19-A LB3	Method Blank	Total/NA	Solid	8260B	186000
LCS 500-186000/20-A	Lab Control Sample	Total/NA	Solid	8260B	186000
LCS 500-186369/4	Lab Control Sample	Total/NA	Solid	8260B	186000
MB 500-186369/6	Method Blank	Total/NA	Solid	8260B	186000

Analysis Batch: 186436

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-56871-14	SB-723 15'	Total/NA	Solid	8260B	186000
500-56871-14 - DL	SB-723 15'	Total/NA	Solid	8260B	186000
500-56871-15	SB-723 18'	Total/NA	Solid	8260B	186000
500-56871-16	SB-724 15'	Total/NA	Solid	8260B	186000
500-56871-16 - DL	SB-724 15'	Total/NA	Solid	8260B	186000
500-56871-17	SB-727 15'	Total/NA	Solid	8260B	186000
500-56871-18	MW-804 15'	Total/NA	Solid	8260B	186001
500-56871-19	MW-805 15'	Total/NA	Solid	8260B	186001
500-56871-20	B-116 0-2'	Total/NA	Solid	8260B	186001
500-56871-21	B-116 10-12'	Total/NA	Solid	8260B	186001
LCS 500-186436/4	Lab Control Sample	Total/NA	Solid	8260B	186001
MB 500-186436/6	Method Blank	Total/NA	Solid	8260B	186001

Analysis Batch: 186503

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-56871-22	B-116 15'	Total/NA	Solid	8260B	186001
500-56871-23	B-117 0-2'	Total/NA	Solid	8260B	186001
500-56871-24	B-117 10-12'	Total/NA	Solid	8260B	186001
500-56871-25	B-117 15'	Total/NA	Solid	8260B	186001
500-56871-26	Trip Blank	Total/NA	Solid	8260B	186001
LB3 500-186001/11-A LB3	Method Blank	Total/NA	Solid	8260B	186001
LCS 500-186001/12-A	Lab Control Sample	Total/NA	Solid	8260B	186001
LCS 500-186503/4	Lab Control Sample	Total/NA	Solid	8260B	186001
MB 500-186503/6	Method Blank	Total/NA	Solid	8260B	186001

GC/MS Semi VOA

Prep Batch: 185947

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-56871-21	B-116 10-12'	Total/NA	Solid	3541	
500-56871-22	B-116 15'	Total/NA	Solid	3541	

TestAmerica Chicago

QC Association Summary

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-56871-1

GC/MS Semi VOA (Continued)

Prep Batch: 185947 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-56871-23	B-117 0-2'	Total/NA	Solid	3541	
500-56871-23 - DL	B-117 0-2'	Total/NA	Solid	3541	
500-56871-24	B-117 10-12'	Total/NA	Solid	3541	
500-56871-25	B-117 15'	Total/NA	Solid	3541	
LCS 500-185947/2-A	Lab Control Sample	Total/NA	Solid	3541	
MB 500-185947/1-A	Method Blank	Total/NA	Solid	3541	

Analysis Batch: 186063

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 500-185947/2-A	Lab Control Sample	Total/NA	Solid	8270D	185947
MB 500-185947/1-A	Method Blank	Total/NA	Solid	8270D	185947

Prep Batch: 186304

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-56871-1	SB-706 12-14'	Total/NA	Solid	3541	
500-56871-1 MS	SB-706 12-14'	Total/NA	Solid	3541	
500-56871-1 MSD	SB-706 12-14'	Total/NA	Solid	3541	
500-56871-2	SB-711 15-16'	Total/NA	Solid	3541	
500-56871-2 - DL	SB-711 15-16'	Total/NA	Solid	3541	
500-56871-3	SB-713 19-20'	Total/NA	Solid	3541	
500-56871-4	SB-714 15.5-16'	Total/NA	Solid	3541	
500-56871-4 - DL	SB-714 15.5-16'	Total/NA	Solid	3541	
500-56871-5	SB-715 15'	Total/NA	Solid	3541	
500-56871-5 - DL	SB-715 15'	Total/NA	Solid	3541	
500-56871-6	SB-716 15'	Total/NA	Solid	3541	
500-56871-7	SB-715 18'	Total/NA	Solid	3541	
500-56871-8	SB-717 15'	Total/NA	Solid	3541	
500-56871-9	SB-718 15'	Total/NA	Solid	3541	
500-56871-10	SB-719 15'	Total/NA	Solid	3541	
500-56871-10 - DL	SB-719 15'	Total/NA	Solid	3541	
500-56871-11	SB-720 15'	Total/NA	Solid	3541	
500-56871-12	SB-721 15'	Total/NA	Solid	3541	
500-56871-13	SB-722 15'	Total/NA	Solid	3541	
500-56871-14	SB-723 15'	Total/NA	Solid	3541	
500-56871-14 - DL	SB-723 15'	Total/NA	Solid	3541	
500-56871-15	SB-723 18'	Total/NA	Solid	3541	
500-56871-16	SB-724 15'	Total/NA	Solid	3541	
500-56871-16 - DL	SB-724 15'	Total/NA	Solid	3541	
500-56871-17	SB-727 15'	Total/NA	Solid	3541	
500-56871-18	MW-804 15'	Total/NA	Solid	3541	
500-56871-18 - DL	MW-804 15'	Total/NA	Solid	3541	
500-56871-19	MW-805 15'	Total/NA	Solid	3541	
500-56871-19 - DL	MW-805 15'	Total/NA	Solid	3541	
500-56871-20	B-116 0-2'	Total/NA	Solid	3541	
500-56871-20 - DL	B-116 0-2'	Total/NA	Solid	3541	
LCS 500-186304/2-A	Lab Control Sample	Total/NA	Solid	3541	
MB 500-186304/1-A	Method Blank	Total/NA	Solid	3541	

Analysis Batch: 186463

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 500-186304/2-A	Lab Control Sample	Total/NA	Solid	8270D	186304

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QC Association Summary

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-56871-1

GC/MS Semi VOA (Continued)

Analysis Batch: 186463 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 500-186304/1-A	Method Blank	Total/NA	Solid	8270D	186304

Analysis Batch: 186657

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-56871-21	B-116 10-12'	Total/NA	Solid	8270D	185947
500-56871-22	B-116 15'	Total/NA	Solid	8270D	185947
500-56871-23	B-117 0-2'	Total/NA	Solid	8270D	185947
500-56871-24	B-117 10-12'	Total/NA	Solid	8270D	185947
500-56871-25	B-117 15'	Total/NA	Solid	8270D	185947

Analysis Batch: 186918

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-56871-1	SB-706 12-14'	Total/NA	Solid	8270D	186304
500-56871-1 MS	SB-706 12-14'	Total/NA	Solid	8270D	186304
500-56871-1 MSD	SB-706 12-14'	Total/NA	Solid	8270D	186304
500-56871-3	SB-713 19-20'	Total/NA	Solid	8270D	186304
500-56871-6	SB-716 15'	Total/NA	Solid	8270D	186304
500-56871-7	SB-715 18'	Total/NA	Solid	8270D	186304
500-56871-8	SB-717 15'	Total/NA	Solid	8270D	186304
500-56871-9	SB-718 15'	Total/NA	Solid	8270D	186304
500-56871-10	SB-719 15'	Total/NA	Solid	8270D	186304
500-56871-11	SB-720 15'	Total/NA	Solid	8270D	186304
500-56871-12	SB-721 15'	Total/NA	Solid	8270D	186304
500-56871-13	SB-722 15'	Total/NA	Solid	8270D	186304
500-56871-15	SB-723 18'	Total/NA	Solid	8270D	186304
500-56871-17	SB-727 15'	Total/NA	Solid	8270D	186304
500-56871-18	MW-804 15'	Total/NA	Solid	8270D	186304
500-56871-20	B-116 0-2'	Total/NA	Solid	8270D	186304

Analysis Batch: 187099

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-56871-2	SB-711 15-16'	Total/NA	Solid	8270D	186304
500-56871-4	SB-714 15.5-16'	Total/NA	Solid	8270D	186304
500-56871-5	SB-715 15'	Total/NA	Solid	8270D	186304
500-56871-10 - DL	SB-719 15'	Total/NA	Solid	8270D	186304
500-56871-14	SB-723 15	Total/NA	Solid	8270D	186304
500-56871-16	SB-724 15'	Total/NA	Solid	8270D	186304
500-56871-18 - DL	MW-804 15'	Total/NA	Solid	8270D	186304
500-56871-19	MW-805 15'	Total/NA	Solid	8270D	186304
500-56871-20 - DL	B-116 0-2'	Total/NA	Solid	8270D	186304

Analysis Batch: 187245

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-56871-2 - DL	SB-711 15-16'	Total/NA	Solid	8270D	186304
500-56871-4 - DL	SB-714 15.5-16'	Total/NA	Solid	8270D	186304
500-56871-5 - DL	SB-715 15'	Total/NA	Solid	8270D	186304
500-56871-14 - DL	SB-723 15	Total/NA	Solid	8270D	186304
500-56871-16 - DL	SB-724 15'	Total/NA	Solid	8270D	186304
500-56871-19 - DL	MW-805 15'	Total/NA	Solid	8270D	186304
500-56871-23 - DL	B-117 0-2'	Total/NA	Solid	8270D	185947

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QC Association Summary

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-56871-1

General Chemistry

Analysis Batch: 185966

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-56871-1	SB-706 12-14'	Total/NA	Solid	Moisture	
500-56871-1 DU	SB-706 12-14'	Total/NA	Solid	Moisture	
500-56871-2	SB-711 15-16'	Total/NA	Solid	Moisture	
500-56871-3	SB-713 19-20'	Total/NA	Solid	Moisture	
500-56871-4	SB-714 15.5-16'	Total/NA	Solid	Moisture	
500-56871-5	SB-715 15'	Total/NA	Solid	Moisture	
500-56871-6	SB-716 15'	Total/NA	Solid	Moisture	
500-56871-7	SB-715 18'	Total/NA	Solid	Moisture	
500-56871-8	SB-717 15'	Total/NA	Solid	Moisture	
500-56871-9	SB-718 15'	Total/NA	Solid	Moisture	
500-56871-10	SB-719 15'	Total/NA	Solid	Moisture	
500-56871-11	SB-720 15'	Total/NA	Solid	Moisture	
500-56871-12	SB-721 15'	Total/NA	Solid	Moisture	
500-56871-13	SB-722 15'	Total/NA	Solid	Moisture	
500-56871-14	SB-723 15'	Total/NA	Solid	Moisture	
500-56871-15	SB-723 18'	Total/NA	Solid	Moisture	
500-56871-16	SB-724 15'	Total/NA	Solid	Moisture	
500-56871-17	SB-727 15'	Total/NA	Solid	Moisture	
500-56871-18	MW-804 15'	Total/NA	Solid	Moisture	
500-56871-19	MW-805 15'	Total/NA	Solid	Moisture	
500-56871-20	B-116 0-2'	Total/NA	Solid	Moisture	
500-56871-21	B-116 10-12'	Total/NA	Solid	Moisture	
500-56871-22	B-116 15'	Total/NA	Solid	Moisture	
500-56871-23	B-117 0-2'	Total/NA	Solid	Moisture	
500-56871-24	B-117 10-12'	Total/NA	Solid	Moisture	
500-56871-25	B-117 15'	Total/NA	Solid	Moisture	

Surrogate Summary

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-56871-1

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		12DCE (75-125)	BFB (75-120)	DBFM (75-120)	TOL (75-120)
500-56871-1	SB-706 12-14'	90	106	91	97
500-56871-1 MS	SB-706 12-14'	93	101	97	96
500-56871-1 MSD	SB-706 12-14'	95	100	101	98
500-56871-2	SB-711 15-16'	95	101	95	91
500-56871-2 - DL	SB-711 15-16'	92	104	94	95
500-56871-3	SB-713 19-20'	94	103	95	93
500-56871-3 - DL	SB-713 19-20'	90	102	93	95
500-56871-4	SB-714 15.5-16'	91	102	91	95
500-56871-4 - DL	SB-714 15.5-16'	89	103	90	95
500-56871-5	SB-715 15'	92	100	95	93
500-56871-5 - DL	SB-715 15'	91	107	90	97
500-56871-6	SB-716 15'	96	103	95	93
500-56871-7	SB-715 18'	91	104	91	98
500-56871-8	SB-717 15'	93	107	93	98
500-56871-9	SB-718 15'	94	104	92	94
500-56871-10	SB-719 15'	91	98	93	93
500-56871-11	SB-720 15'	94	102	92	99
500-56871-12	SB-721 15'	92	103	93	94
500-56871-13	SB-722 15'	98	101	96	92
500-56871-14	SB-723 15'	95	98	92	94
500-56871-14 - DL	SB-723 15'	95	101	94	90
500-56871-15	SB-723 18'	95	103	92	96
500-56871-16	SB-724 15'	98	100	96	95
500-56871-16 - DL	SB-724 15'	94	99	94	93
500-56871-17	SB-727 15'	92	98	89	95
500-56871-18	MW-804 15'	92	100	89	95
500-56871-19	MW-805 15'	90	103	86	99
500-56871-20	B-116 0-2'	96	100	93	95
500-56871-21	B-116 10-12'	96	103	89	97
500-56871-22	B-116 15'	93	106	92	96
500-56871-23	B-117 0-2'	92	102	92	94
500-56871-24	B-117 10-12'	88	103	90	97
500-56871-25	B-117 15'	94	103	89	97
500-56871-26	Trip Blank	92	103	91	95
LB3 500-186000/19-A LB3	Method Blank	94	100	93	94
LB3 500-186001/11-A LB3	Method Blank	95	104	94	95
LCS 500-186000/20-A	Lab Control Sample	93	101	99	92
LCS 500-186001/12-A	Lab Control Sample	91	103	97	93
LCS 500-186369/4	Lab Control Sample	90	103	97	94
LCS 500-186436/4	Lab Control Sample	90	101	92	102
LCS 500-186503/4	Lab Control Sample	89	101	97	99
MB 500-186369/6	Method Blank	93	100	92	93
MB 500-186436/6	Method Blank	90	102	88	98
MB 500-186503/6	Method Blank	92	107	93	96

Surrogate Legend

- 12DCE = 1,2-Dichloroethane-d4 (Surr)
- BFB = 4-Bromofluorobenzene (Surr)
- DBFM = Dibromofluoromethane

Surrogate Summary

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-56871-1

TOL = Toluene-d8 (Surr)

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		FBP (30-119)	NBZ (30-115)	TPH (36-134)
500-56871-1	SB-706 12-14'	52	45	70
500-56871-1 MS	SB-706 12-14'	71	60	87
500-56871-1 MSD	SB-706 12-14'	73	65	84
500-56871-2	SB-711 15-16'	75	100	81
500-56871-2 - DL	SB-711 15-16'	73	47	84
500-56871-3	SB-713 19-20'	72	48	73
500-56871-4	SB-714 15.5-16'	34	36	41
500-56871-4 - DL	SB-714 15.5-16'	52	37	67
500-56871-5	SB-715 15'	58	88	85
500-56871-5 - DL	SB-715 15'	66	38	87
500-56871-6	SB-716 15'	67	58	74
500-56871-7	SB-715 18'	51	44	67
500-56871-8	SB-717 15'	70	63	79
500-56871-9	SB-718 15'	65	49	75
500-56871-10	SB-719 15'	71	83	79
500-56871-10 - DL	SB-719 15'	86	74	98
500-56871-11	SB-720 15'	70	56	81
500-56871-12	SB-721 15'	53	46	71
500-56871-13	SB-722 15'	68	60	80
500-56871-14	SB-723 15'	75	56	103
500-56871-14 - DL	SB-723 15'	86	54	121
500-56871-15	SB-723 18'	57	49	77
500-56871-16	SB-724 15'	0 D	0 D	0 D
500-56871-16 - DL	SB-724 15'	0 D	0 D	0 D
500-56871-17	SB-727 15'	65	60	73
500-56871-18	MW-804 15'	56	43	78
500-56871-18 - DL	MW-804 15'	65	48	91
500-56871-19	MW-805 15'	68	62	85
500-56871-19 - DL	MW-805 15'	60	40	84
500-56871-20	B-116 0-2'	60	55	104
500-56871-20 - DL	B-116 0-2'	69	57	103
500-56871-21	B-116 10-12'	41	36	49
500-56871-22	B-116 15'	44	39	55
500-56871-23	B-117 0-2'	54	47	91
500-56871-23 - DL	B-117 0-2'	68	57	95
500-56871-24	B-117 10-12'	55	46	68
500-56871-25	B-117 15'	43	36	53
LCS 500-185947/2-A	Lab Control Sample	86	92	91
LCS 500-186304/2-A	Lab Control Sample	82	90	82
MB 500-185947/1-A	Method Blank	78	84	75
MB 500-186304/1-A	Method Blank	78	83	76

Surrogate Legend

FBP = 2-Fluorobiphenyl
 NBZ = Nitrobenzene-d5 (Surr)
 TPH = Terphenyl-d14 (Surr)

QC Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-56871-1

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

Lab Sample ID: LB3 500-186000/19-A LB3

Matrix: Solid

Analysis Batch: 186369

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 186000

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<17		100	17	ug/Kg		05/12/13 12:50	05/15/13 23:33	50
1,1,1-Trichloroethane	<10		50	10	ug/Kg		05/12/13 12:50	05/15/13 23:33	50
1,1,2,2-Tetrachloroethane	<12		50	12	ug/Kg		05/12/13 12:50	05/15/13 23:33	50
1,1,2-Trichloroethane	<14		50	14	ug/Kg		05/12/13 12:50	05/15/13 23:33	50
1,1-Dichloroethane	<9.3		50	9.3	ug/Kg		05/12/13 12:50	05/15/13 23:33	50
1,1-Dichloroethene	<15		50	15	ug/Kg		05/12/13 12:50	05/15/13 23:33	50
1,1-Dichloropropene	<17		50	17	ug/Kg		05/12/13 12:50	05/15/13 23:33	50
1,2,3-Trichlorobenzene	<18		100	18	ug/Kg		05/12/13 12:50	05/15/13 23:33	50
1,2,3-Trichloropropane	<29		100	29	ug/Kg		05/12/13 12:50	05/15/13 23:33	50
1,2,4-Trichlorobenzene	<19		100	19	ug/Kg		05/12/13 12:50	05/15/13 23:33	50
1,2,4-Trimethylbenzene	<11		100	11	ug/Kg		05/12/13 12:50	05/15/13 23:33	50
1,2-Dibromo-3-Chloropropane	<44		100	44	ug/Kg		05/12/13 12:50	05/15/13 23:33	50
1,2-Dibromoethane	<16		100	16	ug/Kg		05/12/13 12:50	05/15/13 23:33	50
1,2-Dichlorobenzene	<10		100	10	ug/Kg		05/12/13 12:50	05/15/13 23:33	50
1,2-Dichloroethane	<14		50	14	ug/Kg		05/12/13 12:50	05/15/13 23:33	50
1,2-Dichloropropane	<9.8		50	9.8	ug/Kg		05/12/13 12:50	05/15/13 23:33	50
1,3,5-Trimethylbenzene	<10		100	10	ug/Kg		05/12/13 12:50	05/15/13 23:33	50
1,3-Dichlorobenzene	<13		100	13	ug/Kg		05/12/13 12:50	05/15/13 23:33	50
1,3-Dichloropropane	<6.7		50	6.7	ug/Kg		05/12/13 12:50	05/15/13 23:33	50
1,4-Dichlorobenzene	<8.7		100	8.7	ug/Kg		05/12/13 12:50	05/15/13 23:33	50
2,2-Dichloropropane	<16		50	16	ug/Kg		05/12/13 12:50	05/15/13 23:33	50
2-Chlorotoluene	<10		50	10	ug/Kg		05/12/13 12:50	05/15/13 23:33	50
4-Chlorotoluene	<9.9		50	9.9	ug/Kg		05/12/13 12:50	05/15/13 23:33	50
Benzene	<3.7		13	3.7	ug/Kg		05/12/13 12:50	05/15/13 23:33	50
Bromobenzene	<21		100	21	ug/Kg		05/12/13 12:50	05/15/13 23:33	50
Bromochloromethane	<19		100	19	ug/Kg		05/12/13 12:50	05/15/13 23:33	50
Bromodichloromethane	<17		100	17	ug/Kg		05/12/13 12:50	05/15/13 23:33	50
Bromoform	<22		100	22	ug/Kg		05/12/13 12:50	05/15/13 23:33	50
Bromomethane	<34		100	34	ug/Kg		05/12/13 12:50	05/15/13 23:33	50
Carbon tetrachloride	<13		50	13	ug/Kg		05/12/13 12:50	05/15/13 23:33	50
Chlorobenzene	<7.2		50	7.2	ug/Kg		05/12/13 12:50	05/15/13 23:33	50
Chloroethane	<22		100	22	ug/Kg		05/12/13 12:50	05/15/13 23:33	50
Chloroform	<10		50	10	ug/Kg		05/12/13 12:50	05/15/13 23:33	50
Chloromethane	<23		100	23	ug/Kg		05/12/13 12:50	05/15/13 23:33	50
cis-1,2-Dichloroethene	<6.2		50	6.2	ug/Kg		05/12/13 12:50	05/15/13 23:33	50
cis-1,3-Dichloropropene	<8.9		50	8.9	ug/Kg		05/12/13 12:50	05/15/13 23:33	50
Dibromochloromethane	<17		100	17	ug/Kg		05/12/13 12:50	05/15/13 23:33	50
Dibromomethane	<24		100	24	ug/Kg		05/12/13 12:50	05/15/13 23:33	50
Dichlorodifluoromethane	<26		100	26	ug/Kg		05/12/13 12:50	05/15/13 23:33	50
Ethylbenzene	<6.3		13	6.3	ug/Kg		05/12/13 12:50	05/15/13 23:33	50
Hexachlorobutadiene	<17		100	17	ug/Kg		05/12/13 12:50	05/15/13 23:33	50
Isopropyl ether	<7.4		100	7.4	ug/Kg		05/12/13 12:50	05/15/13 23:33	50
Isopropylbenzene	<13		100	13	ug/Kg		05/12/13 12:50	05/15/13 23:33	50
Methyl tert-butyl ether	<22		100	22	ug/Kg		05/12/13 12:50	05/15/13 23:33	50
Methylene Chloride	<34		250	34	ug/Kg		05/12/13 12:50	05/15/13 23:33	50
Naphthalene	<25		100	25	ug/Kg		05/12/13 12:50	05/15/13 23:33	50
n-Butylbenzene	<6.5		50	6.5	ug/Kg		05/12/13 12:50	05/15/13 23:33	50
N-Propylbenzene	<8.8		100	8.8	ug/Kg		05/12/13 12:50	05/15/13 23:33	50

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-56871-1

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

Lab Sample ID: LB3 500-186000/19-A LB3

Matrix: Solid

Analysis Batch: 186369

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 186000

Analyte	LB3	LB3	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
p-Isopropyltoluene	<9.3		100	9.3	ug/Kg		05/12/13 12:50	05/15/13 23:33	50
sec-Butylbenzene	<7.7		50	7.7	ug/Kg		05/12/13 12:50	05/15/13 23:33	50
Styrene	<4.9		50	4.9	ug/Kg		05/12/13 12:50	05/15/13 23:33	50
tert-Butylbenzene	<6.8		50	6.8	ug/Kg		05/12/13 12:50	05/15/13 23:33	50
Tetrachloroethene	<8.4		50	8.4	ug/Kg		05/12/13 12:50	05/15/13 23:33	50
Toluene	<5.8		13	5.8	ug/Kg		05/12/13 12:50	05/15/13 23:33	50
trans-1,2-Dichloroethene	<13		50	13	ug/Kg		05/12/13 12:50	05/15/13 23:33	50
trans-1,3-Dichloropropene	<10		50	10	ug/Kg		05/12/13 12:50	05/15/13 23:33	50
Trichloroethene	<9.3		25	9.3	ug/Kg		05/12/13 12:50	05/15/13 23:33	50
Trichlorofluoromethane	<21		100	21	ug/Kg		05/12/13 12:50	05/15/13 23:33	50
Vinyl chloride	<5.2		13	5.2	ug/Kg		05/12/13 12:50	05/15/13 23:33	50
Xylenes, Total	<3.4		25	3.4	ug/Kg		05/12/13 12:50	05/15/13 23:33	50

Surrogate	LB3	LB3	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	94		75 - 125	05/12/13 12:50	05/15/13 23:33	50
4-Bromofluorobenzene (Surr)	100		75 - 120	05/12/13 12:50	05/15/13 23:33	50
Dibromofluoromethane	93		75 - 120	05/12/13 12:50	05/15/13 23:33	50
Toluene-d8 (Surr)	94		75 - 120	05/12/13 12:50	05/15/13 23:33	50

Lab Sample ID: LCS 500-186000/20-A

Matrix: Solid

Analysis Batch: 186369

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 186000

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
1,1,1,2-Tetrachloroethane	2500	2150		ug/Kg		86	75 - 120
1,1,1-Trichloroethane	2500	2360		ug/Kg		94	70 - 123
1,1,2,2-Tetrachloroethane	2500	2190		ug/Kg		88	70 - 128
1,1,2-Trichloroethane	2500	2190		ug/Kg		88	69 - 120
1,1-Dichloroethane	2500	2120		ug/Kg		85	68 - 121
1,1-Dichloroethene	2500	1920		ug/Kg		77	58 - 122
1,1-Dichloropropene	2500	2280		ug/Kg		91	70 - 120
1,2,3-Trichlorobenzene	2500	2050		ug/Kg		82	56 - 137
1,2,3-Trichloropropene	2500	1590	*	ug/Kg		64	70 - 120
1,2,4-Trichlorobenzene	2500	2050		ug/Kg		82	65 - 121
1,2,4-Trimethylbenzene	2500	2360		ug/Kg		94	75 - 121
1,2-Dibromo-3-Chloropropane	2500	2010		ug/Kg		80	60 - 121
1,2-Dibromoethane	2500	2130		ug/Kg		85	70 - 120
1,2-Dichlorobenzene	2500	2110		ug/Kg		84	75 - 120
1,2-Dichloroethane	2500	2100		ug/Kg		84	69 - 120
1,2-Dichloropropane	2500	2130		ug/Kg		85	70 - 120
1,3,5-Trimethylbenzene	2500	2510		ug/Kg		101	75 - 123
1,3-Dichlorobenzene	2500	2130		ug/Kg		85	70 - 120
1,3-Dichloropropane	2500	2100		ug/Kg		84	70 - 120
1,4-Dichlorobenzene	2500	2220		ug/Kg		89	75 - 120
2,2-Dichloropropane	2500	2250		ug/Kg		90	67 - 125
2-Chlorotoluene	2500	2250		ug/Kg		90	70 - 120
4-Chlorotoluene	2500	2240		ug/Kg		90	70 - 120
Benzene	2500	2220		ug/Kg		89	70 - 120

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-56871-1

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

Lab Sample ID: LCS 500-186000/20-A

Matrix: Solid

Analysis Batch: 186369

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 186000

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromobenzene	2500	2480		ug/Kg		99	70 - 120
Bromochloromethane	2500	2120		ug/Kg		85	67 - 122
Bromodichloromethane	2500	2230		ug/Kg		89	70 - 120
Bromoform	2500	2070		ug/Kg		83	70 - 125
Bromomethane	2500	2380		ug/Kg		95	50 - 150
Carbon tetrachloride	2500	2300		ug/Kg		92	70 - 125
Chlorobenzene	2500	2060		ug/Kg		83	70 - 120
Chloroethane	2500	1870		ug/Kg		75	50 - 150
Chloroform	2500	2250		ug/Kg		90	70 - 120
Chloromethane	2500	1900		ug/Kg		76	50 - 134
cis-1,2-Dichloroethene	2500	2250		ug/Kg		90	70 - 120
cis-1,3-Dichloropropene	2690	2230		ug/Kg		83	70 - 120
Dibromochloromethane	2500	2140		ug/Kg		86	70 - 120
Dibromomethane	2500	2160		ug/Kg		86	70 - 120
Dichlorodifluoromethane	2500	2010		ug/Kg		80	40 - 140
Ethylbenzene	2500	2260		ug/Kg		90	75 - 120
Hexachlorobutadiene	2500	2120		ug/Kg		85	65 - 135
Isopropylbenzene	2500	2260		ug/Kg		91	70 - 120
Methyl tert-butyl ether	2500	1850		ug/Kg		74	58 - 122
Methylene Chloride	2500	2170		ug/Kg		87	65 - 125
Naphthalene	2500	2120		ug/Kg		85	55 - 132
n-Butylbenzene	2500	2280		ug/Kg		91	75 - 120
N-Propylbenzene	2500	2240		ug/Kg		89	70 - 120
p-Isopropyltoluene	2500	2200		ug/Kg		88	70 - 120
sec-Butylbenzene	2500	2230		ug/Kg		89	70 - 120
Styrene	2500	2280		ug/Kg		91	75 - 120
tert-Butylbenzene	2500	2260		ug/Kg		90	70 - 120
Tetrachloroethene	2500	2130		ug/Kg		85	70 - 123
Toluene	2500	2250		ug/Kg		90	70 - 120
trans-1,2-Dichloroethene	2500	2220		ug/Kg		89	70 - 124
trans-1,3-Dichloropropene	2430	2250		ug/Kg		92	70 - 120
Trichloroethene	2500	2260		ug/Kg		90	70 - 120
Trichlorofluoromethane	2500	2270		ug/Kg		91	63 - 134
Vinyl chloride	2500	2030		ug/Kg		81	62 - 138
Xylenes, Total	7500	6360		ug/Kg		85	70 - 120

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	93		75 - 125
4-Bromofluorobenzene (Surr)	101		75 - 120
Dibromofluoromethane	99		75 - 120
Toluene-d8 (Surr)	92		75 - 120

Lab Sample ID: 500-56871-1 MS

Matrix: Solid

Analysis Batch: 186369

Client Sample ID: SB-706 12-14'

Prep Type: Total/NA

Prep Batch: 186000

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	<33		4800	4560		ug/Kg	☼	95	75 - 120

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QC Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-56871-1

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

Lab Sample ID: 500-56871-1 MS

Matrix: Solid

Analysis Batch: 186369

Client Sample ID: SB-706 12-14'

Prep Type: Total/NA

Prep Batch: 186000

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier	Added	Result	Qualifier				
1,1,1-Trichloroethane	<19		4800	4290		ug/Kg	*	89	70 - 123
1,1,1,2,2-Tetrachloroethane	<22		4800	4730		ug/Kg	*	99	70 - 128
1,1,2-Trichloroethane	<27		4800	4790		ug/Kg	*	100	69 - 120
1,1-Dichloroethane	<18		4800	4270		ug/Kg	*	89	68 - 121
1,1-Dichloroethene	<29		4800	3870		ug/Kg	*	81	58 - 122
1,1-Dichloropropene	<33		4800	4710		ug/Kg	*	98	70 - 120
1,2,3-Trichlorobenzene	<34		4800	4520		ug/Kg	*	94	56 - 137
1,2,3-Trichloropropane	<55 *		4800	4900		ug/Kg	*	102	70 - 120
1,2,4-Trichlorobenzene	<36		4800	4360		ug/Kg	*	91	65 - 121
1,2,4-Trimethylbenzene	<20		4800	4670		ug/Kg	*	97	75 - 121
1,2-Dibromo-3-Chloropropane	<84		4800	4920		ug/Kg	*	103	60 - 121
1,2-Dibromoethane	<30		4800	4580		ug/Kg	*	95	70 - 120
1,2-Dichlorobenzene	<20		4800	4690		ug/Kg	*	98	75 - 120
1,2-Dichloroethane	<27		4800	4350		ug/Kg	*	91	69 - 120
1,2-Dichloropropane	<19		4800	4490		ug/Kg	*	94	70 - 120
1,3,5-Trimethylbenzene	<20		4800	4850		ug/Kg	*	101	75 - 123
1,3-Dichlorobenzene	<25		4800	4660		ug/Kg	*	97	70 - 120
1,3-Dichloropropane	<13		4800	4530		ug/Kg	*	94	70 - 120
1,4-Dichlorobenzene	<17		4800	4590		ug/Kg	*	96	75 - 120
2,2-Dichloropropane	<30		4800	3990		ug/Kg	*	83	67 - 125
2-Chlorotoluene	<20		4800	4860		ug/Kg	*	101	70 - 120
4-Chlorotoluene	<19		4800	4800		ug/Kg	*	100	70 - 120
Benzene	<7.1		4800	4400		ug/Kg	*	92	70 - 120
Bromobenzene	<41		4800	5100		ug/Kg	*	106	70 - 120
Bromochloromethane	<36		4800	4370		ug/Kg	*	91	67 - 122
Bromodichloromethane	<32		4800	4650		ug/Kg	*	97	70 - 120
Bromoform	<42		4800	4370		ug/Kg	*	91	70 - 125
Bromomethane	<65		4800	4970		ug/Kg	*	104	50 - 150
Carbon tetrachloride	<25		4800	4520		ug/Kg	*	94	70 - 125
Chlorobenzene	<14		4800	4530		ug/Kg	*	94	70 - 120
Chloroethane	<42		4800	3550		ug/Kg	*	74	50 - 150
Chloroform	<20		4800	4400		ug/Kg	*	92	70 - 120
Chloromethane	<44		4800	4680		ug/Kg	*	98	50 - 134
cis-1,2-Dichloroethene	<12		4800	4300		ug/Kg	*	90	70 - 120
cis-1,3-Dichloropropene	<17		4800	4750		ug/Kg	*	99	70 - 120
Dibromochloromethane	<33		4800	4620		ug/Kg	*	96	70 - 120
Dibromomethane	<46		4800	4570		ug/Kg	*	95	70 - 120
Dichlorodifluoromethane	<49		4800	5320		ug/Kg	*	111	40 - 140
Ethylbenzene	<12		4800	4560		ug/Kg	*	95	75 - 120
Hexachlorobutadiene	<33		4800	4350		ug/Kg	*	91	65 - 135
Isopropylbenzene	<24		4800	4880		ug/Kg	*	102	70 - 120
Methyl tert-butyl ether	<41		4800	4080		ug/Kg	*	85	58 - 122
Methylene Chloride	<66		4800	4150		ug/Kg	*	86	65 - 125
Naphthalene	<47		4800	5030		ug/Kg	*	105	55 - 132
n-Butylbenzene	<12		4800	4470		ug/Kg	*	93	75 - 120
N-Propylbenzene	<17		4800	4850		ug/Kg	*	101	70 - 120
p-Isopropyltoluene	<18		4800	4710		ug/Kg	*	98	70 - 120
sec-Butylbenzene	<15		4800	4800		ug/Kg	*	100	70 - 120

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-56871-1

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

Lab Sample ID: 500-56871-1 MS

Matrix: Solid

Analysis Batch: 186369

Client Sample ID: SB-706 12-14'

Prep Type: Total/NA

Prep Batch: 186000

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier	Added	Result	Qualifier				
Styrene	<9.5		4800	4560		ug/Kg	☼	95	75 - 120
tert-Butylbenzene	<13		4800	4900		ug/Kg	☼	102	70 - 120
Tetrachloroethene	<16		4800	4450		ug/Kg	☼	93	70 - 123
Toluene	<11		4800	4650		ug/Kg	☼	97	70 - 120
trans-1,2-Dichloroethene	<24		4800	4210		ug/Kg	☼	88	70 - 124
trans-1,3-Dichloropropene	<20		4800	5170		ug/Kg	☼	108	70 - 120
Trichloroethene	<18		4800	4650		ug/Kg	☼	97	70 - 120
Trichlorofluoromethane	<40		4800	4560		ug/Kg	☼	95	63 - 134
Vinyl chloride	<10		4800	4480		ug/Kg	☼	93	62 - 138
Xylenes, Total	<6.6		9600	8860		ug/Kg	☼	92	70 - 120

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	93		75 - 125
4-Bromofluorobenzene (Surr)	101		75 - 120
Dibromofluoromethane	97		75 - 120
Toluene-d8 (Surr)	96		75 - 120

Lab Sample ID: 500-56871-1 MSD

Matrix: Solid

Analysis Batch: 186369

Client Sample ID: SB-706 12-14'

Prep Type: Total/NA

Prep Batch: 186000

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec. Limits	RPD	
	Result	Qualifier	Added	Result	Qualifier					RPD	Limit
1,1,1,2-Tetrachloroethane	<33		4800	4720		ug/Kg	☼	98	75 - 120	3	30
1,1,1-Trichloroethane	<19		4800	4420		ug/Kg	☼	92	70 - 123	3	30
1,1,1,2-Tetrachloroethane	<22		4800	4770		ug/Kg	☼	99	70 - 128	1	30
1,1,1,2-Trichloroethane	<27		4800	4710		ug/Kg	☼	98	69 - 120	2	30
1,1-Dichloroethane	<18		4800	4320		ug/Kg	☼	90	68 - 121	1	30
1,1-Dichloroethene	<29		4800	3890		ug/Kg	☼	81	58 - 122	0	30
1,1-Dichloropropene	<33		4800	4760		ug/Kg	☼	99	70 - 120	1	30
1,2,3-Trichlorobenzene	<34		4800	4760		ug/Kg	☼	99	56 - 137	5	30
1,2,3-Trichloropropane	<55 *		4800	4890		ug/Kg	☼	102	70 - 120	0	30
1,2,4-Trichlorobenzene	<36		4800	4470		ug/Kg	☼	93	65 - 121	2	30
1,2,4-Trimethylbenzene	<20		4800	4640		ug/Kg	☼	97	75 - 121	1	30
1,2-Dibromo-3-Chloropropane	<84		4800	5140		ug/Kg	☼	107	60 - 121	4	30
1,2-Dibromoethane	<30		4800	4590		ug/Kg	☼	96	70 - 120	0	30
1,2-Dichlorobenzene	<20		4800	4800		ug/Kg	☼	100	75 - 120	2	30
1,2-Dichloroethane	<27		4800	4390		ug/Kg	☼	91	69 - 120	1	30
1,2-Dichloropropane	<19		4800	4430		ug/Kg	☼	92	70 - 120	1	30
1,3,5-Trimethylbenzene	<20		4800	4790		ug/Kg	☼	100	75 - 123	1	30
1,3-Dichlorobenzene	<25		4800	4580		ug/Kg	☼	95	70 - 120	2	30
1,3-Dichloropropane	<13		4800	4420		ug/Kg	☼	92	70 - 120	2	30
1,4-Dichlorobenzene	<17		4800	4440		ug/Kg	☼	92	75 - 120	3	30
2,2-Dichloropropane	<30		4800	3870		ug/Kg	☼	81	67 - 125	3	30
2-Chlorotoluene	<20		4800	4720		ug/Kg	☼	98	70 - 120	3	30
4-Chlorotoluene	<19		4800	4740		ug/Kg	☼	99	70 - 120	1	30
Benzene	<7.1		4800	4430		ug/Kg	☼	92	70 - 120	1	30
Bromobenzene	<41		4800	4930		ug/Kg	☼	103	70 - 120	4	30
Bromochloromethane	<36		4800	4450		ug/Kg	☼	93	67 - 122	2	30

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-56871-1

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

Lab Sample ID: 500-56871-1 MSD

Matrix: Solid

Analysis Batch: 186369

Client Sample ID: SB-706 12-14'

Prep Type: Total/NA

Prep Batch: 186000

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Bromodichloromethane	<32		4800	4700		ug/Kg	*	98	70 - 120	1	30
Bromoform	<42		4800	4330		ug/Kg	*	90	70 - 125	1	30
Bromomethane	<65		4800	4710		ug/Kg	*	98	50 - 150	5	30
Carbon tetrachloride	<25		4800	4600		ug/Kg	*	96	70 - 125	2	30
Chlorobenzene	<14		4800	4530		ug/Kg	*	94	70 - 120	0	30
Chloroethane	<42		4800	3300		ug/Kg	*	69	50 - 150	7	30
Chloroform	<20		4800	4560		ug/Kg	*	95	70 - 120	4	30
Chloromethane	<44		4800	4860		ug/Kg	*	101	50 - 134	4	30
cis-1,2-Dichloroethene	<12		4800	4450		ug/Kg	*	93	70 - 120	4	30
cis-1,3-Dichloropropene	<17		4800	4790		ug/Kg	*	100	70 - 120	1	30
Dibromochloromethane	<33		4800	4780		ug/Kg	*	100	70 - 120	3	30
Dibromomethane	<46		4800	4480		ug/Kg	*	93	70 - 120	2	30
Dichlorodifluoromethane	<49		4800	5450		ug/Kg	*	113	40 - 140	2	30
Ethylbenzene	<12		4800	4580		ug/Kg	*	95	75 - 120	1	30
Hexachlorobutadiene	<33		4800	4840		ug/Kg	*	101	65 - 135	11	30
Isopropylbenzene	<24		4800	4850		ug/Kg	*	101	70 - 120	1	30
Methyl tert-butyl ether	<41		4800	4040		ug/Kg	*	84	58 - 122	1	30
Methylene Chloride	<66		4800	4270		ug/Kg	*	89	65 - 125	3	30
Naphthalene	<47		4800	5200		ug/Kg	*	108	55 - 132	3	30
n-Butylbenzene	<12		4800	4570		ug/Kg	*	95	75 - 120	2	30
N-Propylbenzene	<17		4800	4770		ug/Kg	*	99	70 - 120	2	30
p-Isopropyltoluene	<18		4800	4700		ug/Kg	*	98	70 - 120	0	30
sec-Butylbenzene	<15		4800	4840		ug/Kg	*	101	70 - 120	1	30
Styrene	<9.5		4800	4560		ug/Kg	*	95	75 - 120	0	30
tert-Butylbenzene	<13		4800	4950		ug/Kg	*	103	70 - 120	1	30
Tetrachloroethene	<16		4800	4510		ug/Kg	*	94	70 - 123	1	30
Toluene	<11		4800	4710		ug/Kg	*	98	70 - 120	1	30
trans-1,2-Dichloroethene	<24		4800	4300		ug/Kg	*	89	70 - 124	2	30
trans-1,3-Dichloropropene	<20		4800	4990		ug/Kg	*	104	70 - 120	3	30
Trichloroethene	<18		4800	4700		ug/Kg	*	98	70 - 120	1	30
Trichlorofluoromethane	<40		4800	4680		ug/Kg	*	97	63 - 134	2	30
Vinyl chloride	<10		4800	4700		ug/Kg	*	98	62 - 138	5	30
Xylenes, Total	<6.6		9600	9020		ug/Kg	*	94	70 - 120	2	30

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	95		75 - 125
4-Bromofluorobenzene (Surr)	100		75 - 120
Dibromofluoromethane	101		75 - 120
Toluene-d8 (Surr)	98		75 - 120

Lab Sample ID: LB3 500-186001/11-A LB3

Matrix: Solid

Analysis Batch: 186503

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 186001

Analyte	LB3	LB3	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1,2-Tetrachloroethane	<17		100	17	ug/Kg		05/12/13 12:50	05/16/13 23:39	50
1,1,1-Trichloroethane	<10		50	10	ug/Kg		05/12/13 12:50	05/16/13 23:39	50
1,1,2,2-Tetrachloroethane	<12		50	12	ug/Kg		05/12/13 12:50	05/16/13 23:39	50

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-56871-1

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

Lab Sample ID: LB3 500-186001/11-A LB3

Matrix: Solid

Analysis Batch: 186503

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 186001

Analyte	LB3 LB3		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,2-Trichloroethane	<14		50	14	ug/Kg		05/12/13 12:50	05/16/13 23:39	50
1,1-Dichloroethane	<9.3		50	9.3	ug/Kg		05/12/13 12:50	05/16/13 23:39	50
1,1-Dichloroethene	<15		50	15	ug/Kg		05/12/13 12:50	05/16/13 23:39	50
1,1-Dichloropropene	<17		50	17	ug/Kg		05/12/13 12:50	05/16/13 23:39	50
1,2,3-Trichlorobenzene	<18		100	18	ug/Kg		05/12/13 12:50	05/16/13 23:39	50
1,2,3-Trichloropropane	<29		100	29	ug/Kg		05/12/13 12:50	05/16/13 23:39	50
1,2,4-Trichlorobenzene	<19		100	19	ug/Kg		05/12/13 12:50	05/16/13 23:39	50
1,2,4-Trimethylbenzene	<11		100	11	ug/Kg		05/12/13 12:50	05/16/13 23:39	50
1,2-Dibromo-3-Chloropropane	<44		100	44	ug/Kg		05/12/13 12:50	05/16/13 23:39	50
1,2-Dibromoethane	<16		100	16	ug/Kg		05/12/13 12:50	05/16/13 23:39	50
1,2-Dichlorobenzene	<10		100	10	ug/Kg		05/12/13 12:50	05/16/13 23:39	50
1,2-Dichloroethane	<14		50	14	ug/Kg		05/12/13 12:50	05/16/13 23:39	50
1,2-Dichloropropane	<9.8		50	9.8	ug/Kg		05/12/13 12:50	05/16/13 23:39	50
1,3,5-Trimethylbenzene	<10		100	10	ug/Kg		05/12/13 12:50	05/16/13 23:39	50
1,3-Dichlorobenzene	<13		100	13	ug/Kg		05/12/13 12:50	05/16/13 23:39	50
1,3-Dichloropropane	<6.7		50	6.7	ug/Kg		05/12/13 12:50	05/16/13 23:39	50
1,4-Dichlorobenzene	<8.7		100	8.7	ug/Kg		05/12/13 12:50	05/16/13 23:39	50
2,2-Dichloropropane	<16		50	16	ug/Kg		05/12/13 12:50	05/16/13 23:39	50
2-Chlorotoluene	<10		50	10	ug/Kg		05/12/13 12:50	05/16/13 23:39	50
4-Chlorotoluene	<9.9		50	9.9	ug/Kg		05/12/13 12:50	05/16/13 23:39	50
Benzene	<3.7		13	3.7	ug/Kg		05/12/13 12:50	05/16/13 23:39	50
Bromobenzene	<21		100	21	ug/Kg		05/12/13 12:50	05/16/13 23:39	50
Bromochloromethane	<19		100	19	ug/Kg		05/12/13 12:50	05/16/13 23:39	50
Bromodichloromethane	<17		100	17	ug/Kg		05/12/13 12:50	05/16/13 23:39	50
Bromoform	<22		100	22	ug/Kg		05/12/13 12:50	05/16/13 23:39	50
Bromomethane	<34		100	34	ug/Kg		05/12/13 12:50	05/16/13 23:39	50
Carbon tetrachloride	<13		50	13	ug/Kg		05/12/13 12:50	05/16/13 23:39	50
Chlorobenzene	<7.2		50	7.2	ug/Kg		05/12/13 12:50	05/16/13 23:39	50
Chloroethane	<22		100	22	ug/Kg		05/12/13 12:50	05/16/13 23:39	50
Chloroform	<10		50	10	ug/Kg		05/12/13 12:50	05/16/13 23:39	50
Chloromethane	<23		100	23	ug/Kg		05/12/13 12:50	05/16/13 23:39	50
cis-1,2-Dichloroethene	<6.2		50	6.2	ug/Kg		05/12/13 12:50	05/16/13 23:39	50
cis-1,3-Dichloropropene	<8.9		50	8.9	ug/Kg		05/12/13 12:50	05/16/13 23:39	50
Dibromochloromethane	<17		100	17	ug/Kg		05/12/13 12:50	05/16/13 23:39	50
Dibromomethane	<24		100	24	ug/Kg		05/12/13 12:50	05/16/13 23:39	50
Dichlorodifluoromethane	<26		100	26	ug/Kg		05/12/13 12:50	05/16/13 23:39	50
Ethylbenzene	<6.3		13	6.3	ug/Kg		05/12/13 12:50	05/16/13 23:39	50
Hexachlorobutadiene	<17		100	17	ug/Kg		05/12/13 12:50	05/16/13 23:39	50
Isopropyl ether	<7.4		100	7.4	ug/Kg		05/12/13 12:50	05/16/13 23:39	50
Isopropylbenzene	<13		100	13	ug/Kg		05/12/13 12:50	05/16/13 23:39	50
Methyl tert-butyl ether	<22		100	22	ug/Kg		05/12/13 12:50	05/16/13 23:39	50
Methylene Chloride	<34		250	34	ug/Kg		05/12/13 12:50	05/16/13 23:39	50
Naphthalene	<25		100	25	ug/Kg		05/12/13 12:50	05/16/13 23:39	50
n-Butylbenzene	<6.5		50	6.5	ug/Kg		05/12/13 12:50	05/16/13 23:39	50
N-Propylbenzene	<8.8		100	8.8	ug/Kg		05/12/13 12:50	05/16/13 23:39	50
p-Isopropyltoluene	<9.3		100	9.3	ug/Kg		05/12/13 12:50	05/16/13 23:39	50
sec-Butylbenzene	<7.7		50	7.7	ug/Kg		05/12/13 12:50	05/16/13 23:39	50
Styrene	<4.9		50	4.9	ug/Kg		05/12/13 12:50	05/16/13 23:39	50

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-56871-1

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

Lab Sample ID: LB3 500-186001/11-A LB3

Matrix: Solid

Analysis Batch: 186503

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 186001

Analyte	LB3 LB3		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
tert-Butylbenzene	<6.8		50	6.8	ug/Kg		05/12/13 12:50	05/16/13 23:39	50
Tetrachloroethene	<8.4		50	8.4	ug/Kg		05/12/13 12:50	05/16/13 23:39	50
Toluene	<5.8		13	5.8	ug/Kg		05/12/13 12:50	05/16/13 23:39	50
trans-1,2-Dichloroethene	<13		50	13	ug/Kg		05/12/13 12:50	05/16/13 23:39	50
trans-1,3-Dichloropropene	<10		50	10	ug/Kg		05/12/13 12:50	05/16/13 23:39	50
Trichloroethene	<9.3		25	9.3	ug/Kg		05/12/13 12:50	05/16/13 23:39	50
Trichlorofluoromethane	<21		100	21	ug/Kg		05/12/13 12:50	05/16/13 23:39	50
Vinyl chloride	<5.2		13	5.2	ug/Kg		05/12/13 12:50	05/16/13 23:39	50
Xylenes, Total	<3.4		25	3.4	ug/Kg		05/12/13 12:50	05/16/13 23:39	50

Surrogate	LB3 LB3		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	95		75 - 125	05/12/13 12:50	05/16/13 23:39	50
4-Bromofluorobenzene (Surr)	104		75 - 120	05/12/13 12:50	05/16/13 23:39	50
Dibromofluoromethane	94		75 - 120	05/12/13 12:50	05/16/13 23:39	50
Toluene-d8 (Surr)	95		75 - 120	05/12/13 12:50	05/16/13 23:39	50

Lab Sample ID: LCS 500-186001/12-A

Matrix: Solid

Analysis Batch: 186503

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 186001

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	2500	2450		ug/Kg		98	70 - 123
1,1,2,2-Tetrachloroethane	2500	2150		ug/Kg		86	70 - 128
1,1,2-Trichloroethane	2500	2240		ug/Kg		90	69 - 120
1,1-Dichloroethane	2500	2160		ug/Kg		86	68 - 121
1,1-Dichloroethene	2500	2030		ug/Kg		81	58 - 122
1,1-Dichloropropene	2500	2270		ug/Kg		91	70 - 120
1,2,3-Trichlorobenzene	2500	2050		ug/Kg		82	56 - 137
1,2,3-Trichloropropane	2500	1630	*	ug/Kg		65	70 - 120
1,2,4-Trichlorobenzene	2500	2060		ug/Kg		82	65 - 121
1,2,4-Trimethylbenzene	2500	2330		ug/Kg		93	75 - 121
1,2-Dibromo-3-Chloropropane	2500	1940		ug/Kg		78	60 - 121
1,2-Dibromoethane	2500	2160		ug/Kg		86	70 - 120
1,2-Dichlorobenzene	2500	2110		ug/Kg		84	75 - 120
1,2-Dichloroethane	2500	2080		ug/Kg		83	69 - 120
1,2-Dichloropropane	2500	2210		ug/Kg		88	70 - 120
1,3,5-Trimethylbenzene	2500	2480		ug/Kg		99	75 - 123
1,3-Dichlorobenzene	2500	2110		ug/Kg		84	70 - 120
1,3-Dichloropropane	2500	2180		ug/Kg		87	70 - 120
1,4-Dichlorobenzene	2500	2210		ug/Kg		88	75 - 120
2,2-Dichloropropane	2500	2370		ug/Kg		95	67 - 125
2-Chlorotoluene	2500	2220		ug/Kg		89	70 - 120
4-Chlorotoluene	2500	2190		ug/Kg		87	70 - 120
Benzene	2500	2240		ug/Kg		90	70 - 120
Bromobenzene	2500	2420		ug/Kg		97	70 - 120
Bromochloromethane	2500	2270		ug/Kg		91	67 - 122
Bromodichloromethane	2500	2260		ug/Kg		90	70 - 120

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-56871-1

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

Lab Sample ID: LCS 500-186001/12-A
Matrix: Solid
Analysis Batch: 186503

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 186001

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromoform	2500	2080		ug/Kg		83	70 - 125
Bromomethane	2500	2420		ug/Kg		97	50 - 150
Carbon tetrachloride	2500	2400		ug/Kg		96	70 - 125
Chlorobenzene	2500	2090		ug/Kg		84	70 - 120
Chloroethane	2500	1590		ug/Kg		64	50 - 150
Chloroform	2500	2260		ug/Kg		90	70 - 120
Chloromethane	2500	1970		ug/Kg		79	50 - 134
cis-1,2-Dichloroethene	2500	2310		ug/Kg		93	70 - 120
cis-1,3-Dichloropropene	2690	2250		ug/Kg		84	70 - 120
Dibromochloromethane	2500	2210		ug/Kg		89	70 - 120
Dibromomethane	2500	2300		ug/Kg		92	70 - 120
Dichlorodifluoromethane	2500	2060		ug/Kg		82	40 - 140
Ethylbenzene	2500	2300		ug/Kg		92	75 - 120
Hexachlorobutadiene	2500	2090		ug/Kg		84	65 - 135
Isopropylbenzene	2500	2240		ug/Kg		90	70 - 120
Methyl tert-butyl ether	2500	1960		ug/Kg		78	58 - 122
Methylene Chloride	2500	2240		ug/Kg		89	65 - 125
Naphthalene	2500	2170		ug/Kg		87	55 - 132
n-Butylbenzene	2500	2230		ug/Kg		89	75 - 120
N-Propylbenzene	2500	2190		ug/Kg		88	70 - 120
p-Isopropyltoluene	2500	2170		ug/Kg		87	70 - 120
sec-Butylbenzene	2500	2190		ug/Kg		88	70 - 120
Styrene	2500	2270		ug/Kg		91	75 - 120
tert-Butylbenzene	2500	2200		ug/Kg		88	70 - 120
Tetrachloroethene	2500	2160		ug/Kg		87	70 - 123
Toluene	2500	2280		ug/Kg		91	70 - 120
trans-1,2-Dichloroethene	2500	2310		ug/Kg		92	70 - 124
trans-1,3-Dichloropropene	2430	2290		ug/Kg		94	70 - 120
Trichloroethene	2500	2240		ug/Kg		90	70 - 120
Trichlorofluoromethane	2500	2410		ug/Kg		97	63 - 134
Vinyl chloride	2500	2110		ug/Kg		84	62 - 138
Xylenes, Total	7500	6390		ug/Kg		85	70 - 120

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	91		75 - 125
4-Bromofluorobenzene (Surr)	103		75 - 120
Dibromofluoromethane	97		75 - 120
Toluene-d8 (Surr)	93		75 - 120

Lab Sample ID: MB 500-186369/6
Matrix: Solid
Analysis Batch: 186369

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1,2-Tetrachloroethane	<0.35		2.0	0.35	ug/Kg			05/15/13 23:08	1
1,1,1,1-Trichloroethane	<0.20		1.0	0.20	ug/Kg			05/15/13 23:08	1
1,1,2,2-Tetrachloroethane	<0.23		1.0	0.23	ug/Kg			05/15/13 23:08	1
1,1,2-Trichloroethane	<0.28		1.0	0.28	ug/Kg			05/15/13 23:08	1

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-56871-1

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

Lab Sample ID: MB 500-186369/6

Matrix: Solid

Analysis Batch: 186369

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1-Dichloroethane	<0.19		1.0	0.19	ug/Kg			05/15/13 23:08	1
1,1-Dichloroethene	<0.31		1.0	0.31	ug/Kg			05/15/13 23:08	1
1,1-Dichloropropene	<0.34		1.0	0.34	ug/Kg			05/15/13 23:08	1
1,2,3-Trichlorobenzene	<0.35		2.0	0.35	ug/Kg			05/15/13 23:08	1
1,2,3-Trichloropropane	<0.57		2.0	0.57	ug/Kg			05/15/13 23:08	1
1,2,4-Trichlorobenzene	<0.38		2.0	0.38	ug/Kg			05/15/13 23:08	1
1,2,4-Trimethylbenzene	<0.21		2.0	0.21	ug/Kg			05/15/13 23:08	1
1,2-Dibromo-3-Chloropropane	<0.87		2.0	0.87	ug/Kg			05/15/13 23:08	1
1,2-Dibromoethane	<0.31		2.0	0.31	ug/Kg			05/15/13 23:08	1
1,2-Dichlorobenzene	<0.21		2.0	0.21	ug/Kg			05/15/13 23:08	1
1,2-Dichloroethane	<0.29		1.0	0.29	ug/Kg			05/15/13 23:08	1
1,2-Dichloropropane	<0.20		1.0	0.20	ug/Kg			05/15/13 23:08	1
1,3,5-Trimethylbenzene	<0.21		2.0	0.21	ug/Kg			05/15/13 23:08	1
1,3-Dichlorobenzene	<0.26		2.0	0.26	ug/Kg			05/15/13 23:08	1
1,3-Dichloropropane	<0.13		1.0	0.13	ug/Kg			05/15/13 23:08	1
1,4-Dichlorobenzene	<0.17		2.0	0.17	ug/Kg			05/15/13 23:08	1
2,2-Dichloropropane	<0.32		1.0	0.32	ug/Kg			05/15/13 23:08	1
2-Chlorotoluene	<0.21		1.0	0.21	ug/Kg			05/15/13 23:08	1
4-Chlorotoluene	<0.20		1.0	0.20	ug/Kg			05/15/13 23:08	1
Benzene	<0.074		0.25	0.074	ug/Kg			05/15/13 23:08	1
Bromobenzene	<0.43		2.0	0.43	ug/Kg			05/15/13 23:08	1
Bromochloromethane	<0.38		2.0	0.38	ug/Kg			05/15/13 23:08	1
Bromodichloromethane	<0.34		2.0	0.34	ug/Kg			05/15/13 23:08	1
Bromoform	<0.44		2.0	0.44	ug/Kg			05/15/13 23:08	1
Bromomethane	<0.68		2.0	0.68	ug/Kg			05/15/13 23:08	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/Kg			05/15/13 23:08	1
Chlorobenzene	<0.14		1.0	0.14	ug/Kg			05/15/13 23:08	1
Chloroethane	<0.44		2.0	0.44	ug/Kg			05/15/13 23:08	1
Chloroform	<0.21		1.0	0.21	ug/Kg			05/15/13 23:08	1
Chloromethane	<0.46		2.0	0.46	ug/Kg			05/15/13 23:08	1
cis-1,2-Dichloroethene	<0.12		1.0	0.12	ug/Kg			05/15/13 23:08	1
cis-1,3-Dichloropropene	<0.18		1.0	0.18	ug/Kg			05/15/13 23:08	1
Dibromochloromethane	<0.35		2.0	0.35	ug/Kg			05/15/13 23:08	1
Dibromomethane	<0.48		2.0	0.48	ug/Kg			05/15/13 23:08	1
Dichlorodifluoromethane	<0.51		2.0	0.51	ug/Kg			05/15/13 23:08	1
Ethylbenzene	<0.13		0.25	0.13	ug/Kg			05/15/13 23:08	1
Hexachlorobutadiene	<0.35		2.0	0.35	ug/Kg			05/15/13 23:08	1
Isopropyl ether	<0.15		2.0	0.15	ug/Kg			05/15/13 23:08	1
Isopropylbenzene	<0.25		2.0	0.25	ug/Kg			05/15/13 23:08	1
Methyl tert-butyl ether	<0.43		2.0	0.43	ug/Kg			05/15/13 23:08	1
Methylene Chloride	<0.68		5.0	0.68	ug/Kg			05/15/13 23:08	1
Naphthalene	<0.49		2.0	0.49	ug/Kg			05/15/13 23:08	1
n-Butylbenzene	<0.13		1.0	0.13	ug/Kg			05/15/13 23:08	1
N-Propylbenzene	<0.18		2.0	0.18	ug/Kg			05/15/13 23:08	1
p-Isopropyltoluene	<0.19		2.0	0.19	ug/Kg			05/15/13 23:08	1
sec-Butylbenzene	<0.15		1.0	0.15	ug/Kg			05/15/13 23:08	1
Styrene	<0.099		1.0	0.099	ug/Kg			05/15/13 23:08	1
tert-Butylbenzene	<0.14		1.0	0.14	ug/Kg			05/15/13 23:08	1

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-56871-1

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

Lab Sample ID: MB 500-186369/6

Matrix: Solid

Analysis Batch: 186369

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Tetrachloroethene	<0.17		1.0	0.17	ug/Kg			05/15/13 23:08	1
Toluene	<0.12		0.25	0.12	ug/Kg			05/15/13 23:08	1
trans-1,2-Dichloroethene	<0.25		1.0	0.25	ug/Kg			05/15/13 23:08	1
trans-1,3-Dichloropropene	<0.21		1.0	0.21	ug/Kg			05/15/13 23:08	1
Trichloroethene	<0.19		0.50	0.19	ug/Kg			05/15/13 23:08	1
Trichlorofluoromethane	<0.42		2.0	0.42	ug/Kg			05/15/13 23:08	1
Vinyl chloride	<0.10		0.25	0.10	ug/Kg			05/15/13 23:08	1
Xylenes, Total	<0.068		0.50	0.068	ug/Kg			05/15/13 23:08	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	93		75 - 125		05/15/13 23:08	1
4-Bromofluorobenzene (Surr)	100		75 - 120		05/15/13 23:08	1
Dibromofluoromethane	92		75 - 120		05/15/13 23:08	1
Toluene-d8 (Surr)	93		75 - 120		05/15/13 23:08	1

Lab Sample ID: LCS 500-186369/4

Matrix: Solid

Analysis Batch: 186369

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
1,1,1,2-Tetrachloroethane	50.0	46.6		ug/Kg		93	75 - 120
1,1,1-Trichloroethane	50.0	48.4		ug/Kg		97	70 - 123
1,1,1,2-Tetrachloroethane	50.0	47.6		ug/Kg		95	70 - 128
1,1,2-Trichloroethane	50.0	46.2		ug/Kg		92	69 - 120
1,1-Dichloroethane	50.0	45.6		ug/Kg		91	68 - 121
1,1-Dichloroethene	50.0	41.3		ug/Kg		83	58 - 122
1,1-Dichloropropene	50.0	49.0		ug/Kg		98	70 - 120
1,2,3-Trichlorobenzene	50.0	44.5		ug/Kg		89	56 - 137
1,2,3-Trichloropropane	50.0	49.5		ug/Kg		99	70 - 120
1,2,4-Trichlorobenzene	50.0	43.8		ug/Kg		88	65 - 121
1,2,4-Trimethylbenzene	50.0	48.8		ug/Kg		98	75 - 121
1,2-Dibromo-3-Chloropropane	50.0	46.6		ug/Kg		93	60 - 121
1,2-Dibromoethane	50.0	46.2		ug/Kg		92	70 - 120
1,2-Dichlorobenzene	50.0	47.5		ug/Kg		95	75 - 120
1,2-Dichloroethane	50.0	44.2		ug/Kg		88	69 - 120
1,2-Dichloropropane	50.0	47.3		ug/Kg		95	70 - 120
1,3,5-Trimethylbenzene	50.0	50.8		ug/Kg		102	75 - 123
1,3-Dichlorobenzene	50.0	48.0		ug/Kg		96	70 - 120
1,3-Dichloropropane	50.0	45.9		ug/Kg		92	70 - 120
1,4-Dichlorobenzene	50.0	46.6		ug/Kg		93	75 - 120
2,2-Dichloropropane	50.0	46.8		ug/Kg		94	67 - 125
2-Chlorotoluene	50.0	50.0		ug/Kg		100	70 - 120
4-Chlorotoluene	50.0	51.0		ug/Kg		102	70 - 120
Benzene	50.0	46.2		ug/Kg		92	70 - 120
Bromobenzene	50.0	51.0		ug/Kg		102	70 - 120
Bromochloromethane	50.0	47.2		ug/Kg		94	67 - 122
Bromodichloromethane	50.0	48.6		ug/Kg		97	70 - 120
Bromoform	50.0	43.7		ug/Kg		87	70 - 125

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-56871-1

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

Lab Sample ID: LCS 500-186369/4

Matrix: Solid

Analysis Batch: 186369

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromomethane	50.0	56.6		ug/Kg		113	50 - 150
Carbon tetrachloride	50.0	49.9		ug/Kg		100	70 - 125
Chlorobenzene	50.0	46.8		ug/Kg		94	70 - 120
Chloroethane	50.0	48.0		ug/Kg		96	50 - 150
Chloroform	50.0	47.5		ug/Kg		95	70 - 120
Chloromethane	50.0	50.8		ug/Kg		102	50 - 134
cis-1,2-Dichloroethene	50.0	47.6		ug/Kg		95	70 - 120
cis-1,3-Dichloropropene	50.0	49.9		ug/Kg		100	70 - 120
Dibromochloromethane	50.0	48.0		ug/Kg		96	70 - 120
Dibromomethane	50.0	45.7		ug/Kg		91	70 - 120
Dichlorodifluoromethane	50.0	58.3		ug/Kg		117	40 - 140
Ethylbenzene	50.0	48.6		ug/Kg		97	75 - 120
Hexachlorobutadiene	50.0	46.6		ug/Kg		93	65 - 135
Isopropylbenzene	50.0	51.2		ug/Kg		102	70 - 120
Methyl tert-butyl ether	50.0	43.9		ug/Kg		88	58 - 122
Methylene Chloride	50.0	45.5		ug/Kg		91	65 - 125
Naphthalene	50.0	45.7		ug/Kg		91	55 - 132
n-Butylbenzene	50.0	47.0		ug/Kg		94	75 - 120
N-Propylbenzene	50.0	51.1		ug/Kg		102	70 - 120
p-Isopropyltoluene	50.0	49.6		ug/Kg		99	70 - 120
sec-Butylbenzene	50.0	49.9		ug/Kg		100	70 - 120
Styrene	50.0	47.0		ug/Kg		94	75 - 120
tert-Butylbenzene	50.0	50.9		ug/Kg		102	70 - 120
Tetrachloroethene	50.0	46.8		ug/Kg		94	70 - 123
Toluene	50.0	48.1		ug/Kg		96	70 - 120
trans-1,2-Dichloroethene	50.0	46.4		ug/Kg		93	70 - 124
trans-1,3-Dichloropropene	50.0	53.4		ug/Kg		107	70 - 120
Trichloroethene	50.0	49.2		ug/Kg		98	70 - 120
Trichlorofluoromethane	50.0	51.7		ug/Kg		103	63 - 134
Vinyl chloride	50.0	47.8		ug/Kg		96	62 - 138
Xylenes, Total	100	92.6		ug/Kg		93	70 - 120

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	90		75 - 125
4-Bromofluorobenzene (Surr)	103		75 - 120
Dibromofluoromethane	97		75 - 120
Toluene-d8 (Surr)	94		75 - 120

Lab Sample ID: MB 500-186436/6

Matrix: Solid

Analysis Batch: 186436

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1,2-Tetrachloroethane	<0.35		2.0	0.35	ug/Kg			05/16/13 10:30	1
1,1,1-Trichloroethane	<0.20		1.0	0.20	ug/Kg			05/16/13 10:30	1
1,1,2,2-Tetrachloroethane	<0.23		1.0	0.23	ug/Kg			05/16/13 10:30	1
1,1,2-Trichloroethane	<0.28		1.0	0.28	ug/Kg			05/16/13 10:30	1
1,1-Dichloroethane	<0.19		1.0	0.19	ug/Kg			05/16/13 10:30	1

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-56871-1

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

Lab Sample ID: MB 500-186436/6

Matrix: Solid

Analysis Batch: 186436

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1-Dichloroethene	<0.31		1.0	0.31	ug/Kg			05/16/13 10:30	1
1,1-Dichloropropene	<0.34		1.0	0.34	ug/Kg			05/16/13 10:30	1
1,2,3-Trichlorobenzene	<0.35		2.0	0.35	ug/Kg			05/16/13 10:30	1
1,2,3-Trichloropropane	<0.57		2.0	0.57	ug/Kg			05/16/13 10:30	1
1,2,4-Trichlorobenzene	<0.38		2.0	0.38	ug/Kg			05/16/13 10:30	1
1,2,4-Trimethylbenzene	<0.21		2.0	0.21	ug/Kg			05/16/13 10:30	1
1,2-Dibromo-3-Chloropropane	<0.87		2.0	0.87	ug/Kg			05/16/13 10:30	1
1,2-Dibromoethane	<0.31		2.0	0.31	ug/Kg			05/16/13 10:30	1
1,2-Dichlorobenzene	<0.21		2.0	0.21	ug/Kg			05/16/13 10:30	1
1,2-Dichloroethane	<0.29		1.0	0.29	ug/Kg			05/16/13 10:30	1
1,2-Dichloropropane	<0.20		1.0	0.20	ug/Kg			05/16/13 10:30	1
1,3,5-Trimethylbenzene	<0.21		2.0	0.21	ug/Kg			05/16/13 10:30	1
1,3-Dichlorobenzene	<0.26		2.0	0.26	ug/Kg			05/16/13 10:30	1
1,3-Dichloropropane	<0.13		1.0	0.13	ug/Kg			05/16/13 10:30	1
1,4-Dichlorobenzene	<0.17		2.0	0.17	ug/Kg			05/16/13 10:30	1
2,2-Dichloropropane	<0.32		1.0	0.32	ug/Kg			05/16/13 10:30	1
2-Chlorotoluene	<0.21		1.0	0.21	ug/Kg			05/16/13 10:30	1
4-Chlorotoluene	<0.20		1.0	0.20	ug/Kg			05/16/13 10:30	1
Benzene	<0.074		0.25	0.074	ug/Kg			05/16/13 10:30	1
Bromobenzene	<0.43		2.0	0.43	ug/Kg			05/16/13 10:30	1
Bromochloromethane	<0.38		2.0	0.38	ug/Kg			05/16/13 10:30	1
Bromodichloromethane	<0.34		2.0	0.34	ug/Kg			05/16/13 10:30	1
Bromoform	<0.44		2.0	0.44	ug/Kg			05/16/13 10:30	1
Bromomethane	<0.68		2.0	0.68	ug/Kg			05/16/13 10:30	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/Kg			05/16/13 10:30	1
Chlorobenzene	<0.14		1.0	0.14	ug/Kg			05/16/13 10:30	1
Chloroethane	<0.44		2.0	0.44	ug/Kg			05/16/13 10:30	1
Chloroform	<0.21		1.0	0.21	ug/Kg			05/16/13 10:30	1
Chloromethane	<0.46		2.0	0.46	ug/Kg			05/16/13 10:30	1
cis-1,2-Dichloroethene	<0.12		1.0	0.12	ug/Kg			05/16/13 10:30	1
cis-1,3-Dichloropropene	<0.18		1.0	0.18	ug/Kg			05/16/13 10:30	1
Dibromochloromethane	<0.35		2.0	0.35	ug/Kg			05/16/13 10:30	1
Dibromomethane	<0.48		2.0	0.48	ug/Kg			05/16/13 10:30	1
Dichlorodifluoromethane	<0.51		2.0	0.51	ug/Kg			05/16/13 10:30	1
Ethylbenzene	<0.13		0.25	0.13	ug/Kg			05/16/13 10:30	1
Hexachlorobutadiene	<0.35		2.0	0.35	ug/Kg			05/16/13 10:30	1
Isopropyl ether	<0.15		2.0	0.15	ug/Kg			05/16/13 10:30	1
Isopropylbenzene	<0.25		2.0	0.25	ug/Kg			05/16/13 10:30	1
Methyl tert-butyl ether	<0.43		2.0	0.43	ug/Kg			05/16/13 10:30	1
Methylene Chloride	<0.68		5.0	0.68	ug/Kg			05/16/13 10:30	1
Naphthalene	<0.49		2.0	0.49	ug/Kg			05/16/13 10:30	1
n-Butylbenzene	<0.13		1.0	0.13	ug/Kg			05/16/13 10:30	1
N-Propylbenzene	<0.18		2.0	0.18	ug/Kg			05/16/13 10:30	1
p-Isopropyltoluene	<0.19		2.0	0.19	ug/Kg			05/16/13 10:30	1
sec-Butylbenzene	<0.15		1.0	0.15	ug/Kg			05/16/13 10:30	1
Styrene	<0.099		1.0	0.099	ug/Kg			05/16/13 10:30	1
tert-Butylbenzene	<0.14		1.0	0.14	ug/Kg			05/16/13 10:30	1
Tetrachloroethene	<0.17		1.0	0.17	ug/Kg			05/16/13 10:30	1

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-56871-1

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

Lab Sample ID: MB 500-186436/6

Matrix: Solid

Analysis Batch: 186436

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Toluene	<0.12		0.25	0.12	ug/Kg			05/16/13 10:30	1
trans-1,2-Dichloroethene	<0.25		1.0	0.25	ug/Kg			05/16/13 10:30	1
trans-1,3-Dichloropropene	<0.21		1.0	0.21	ug/Kg			05/16/13 10:30	1
Trichloroethene	<0.19		0.50	0.19	ug/Kg			05/16/13 10:30	1
Trichlorofluoromethane	<0.42		2.0	0.42	ug/Kg			05/16/13 10:30	1
Vinyl chloride	<0.10		0.25	0.10	ug/Kg			05/16/13 10:30	1
Xylenes, Total	<0.068		0.50	0.068	ug/Kg			05/16/13 10:30	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	90		75 - 125		05/16/13 10:30	1
4-Bromofluorobenzene (Surr)	102		75 - 120		05/16/13 10:30	1
Dibromofluoromethane	88		75 - 120		05/16/13 10:30	1
Toluene-d8 (Surr)	98		75 - 120		05/16/13 10:30	1

Lab Sample ID: LCS 500-186436/4

Matrix: Solid

Analysis Batch: 186436

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
1,1,1,2-Tetrachloroethane	50.0	45.1		ug/Kg		90	75 - 120
1,1,1-Trichloroethane	50.0	40.7		ug/Kg		81	70 - 123
1,1,1,2-Tetrachloroethane	50.0	42.0		ug/Kg		84	70 - 128
1,1,2-Trichloroethane	50.0	46.9		ug/Kg		94	69 - 120
1,1-Dichloroethane	50.0	39.8		ug/Kg		80	68 - 121
1,1-Dichloroethene	50.0	36.1		ug/Kg		72	58 - 122
1,1-Dichloropropene	50.0	46.2		ug/Kg		92	70 - 120
1,2,3-Trichlorobenzene	50.0	44.4		ug/Kg		89	56 - 137
1,2,3-Trichloropropane	50.0	45.0		ug/Kg		90	70 - 120
1,2,4-Trichlorobenzene	50.0	46.4		ug/Kg		93	65 - 121
1,2,4-Trimethylbenzene	50.0	46.3		ug/Kg		93	75 - 121
1,2-Dibromo-3-Chloropropane	50.0	45.1		ug/Kg		90	60 - 121
1,2-Dibromoethane	50.0	45.0		ug/Kg		90	70 - 120
1,2-Dichlorobenzene	50.0	46.0		ug/Kg		92	75 - 120
1,2-Dichloroethane	50.0	40.0		ug/Kg		80	69 - 120
1,2-Dichloropropane	50.0	43.4		ug/Kg		87	70 - 120
1,3,5-Trimethylbenzene	50.0	48.1		ug/Kg		96	75 - 123
1,3-Dichlorobenzene	50.0	46.4		ug/Kg		93	70 - 120
1,3-Dichloropropane	50.0	44.2		ug/Kg		88	70 - 120
1,4-Dichlorobenzene	50.0	44.9		ug/Kg		90	75 - 120
2,2-Dichloropropane	50.0	38.9		ug/Kg		78	67 - 125
2-Chlorotoluene	50.0	46.9		ug/Kg		94	70 - 120
4-Chlorotoluene	50.0	47.7		ug/Kg		95	70 - 120
Benzene	50.0	42.0		ug/Kg		84	70 - 120
Bromobenzene	50.0	47.8		ug/Kg		96	70 - 120
Bromochloromethane	50.0	40.1		ug/Kg		80	67 - 122
Bromodichloromethane	50.0	44.3		ug/Kg		89	70 - 120
Bromoform	50.0	42.7		ug/Kg		85	70 - 125
Bromomethane	50.0	45.4		ug/Kg		91	50 - 150

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-56871-1

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

Lab Sample ID: LCS 500-186436/4

Matrix: Solid

Analysis Batch: 186436

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Carbon tetrachloride	50.0	43.9		ug/Kg		88	70 - 125
Chlorobenzene	50.0	45.0		ug/Kg		90	70 - 120
Chloroethane	50.0	41.5		ug/Kg		83	50 - 150
Chloroform	50.0	41.9		ug/Kg		84	70 - 120
Chloromethane	50.0	44.3		ug/Kg		89	50 - 134
cis-1,2-Dichloroethene	50.0	41.2		ug/Kg		82	70 - 120
cis-1,3-Dichloropropene	50.0	50.8		ug/Kg		102	70 - 120
Dibromochloromethane	50.0	46.5		ug/Kg		93	70 - 120
Dibromomethane	50.0	41.2		ug/Kg		82	70 - 120
Dichlorodifluoromethane	50.0	49.9		ug/Kg		100	40 - 140
Ethylbenzene	50.0	46.8		ug/Kg		94	75 - 120
Hexachlorobutadiene	50.0	47.2		ug/Kg		94	65 - 135
Isopropylbenzene	50.0	48.6		ug/Kg		97	70 - 120
Methyl tert-butyl ether	50.0	37.1		ug/Kg		74	58 - 122
Methylene Chloride	50.0	37.5		ug/Kg		75	65 - 125
Naphthalene	50.0	44.2		ug/Kg		88	55 - 132
n-Butylbenzene	50.0	48.3		ug/Kg		97	75 - 120
N-Propylbenzene	50.0	48.5		ug/Kg		97	70 - 120
p-Isopropyltoluene	50.0	48.6		ug/Kg		97	70 - 120
sec-Butylbenzene	50.0	47.8		ug/Kg		96	70 - 120
Styrene	50.0	45.1		ug/Kg		90	75 - 120
tert-Butylbenzene	50.0	49.0		ug/Kg		98	70 - 120
Tetrachloroethene	50.0	47.3		ug/Kg		95	70 - 123
Toluene	50.0	47.8		ug/Kg		96	70 - 120
trans-1,2-Dichloroethene	50.0	40.5		ug/Kg		81	70 - 124
trans-1,3-Dichloropropene	50.0	54.1		ug/Kg		108	70 - 120
Trichloroethene	50.0	45.4		ug/Kg		91	70 - 120
Trichlorofluoromethane	50.0	44.7		ug/Kg		89	63 - 134
Vinyl chloride	50.0	41.1		ug/Kg		82	62 - 138
Xylenes, Total	100	90.4		ug/Kg		90	70 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	90		75 - 125
4-Bromofluorobenzene (Surr)	101		75 - 120
Dibromofluoromethane	92		75 - 120
Toluene-d8 (Surr)	102		75 - 120

Lab Sample ID: MB 500-186503/6

Matrix: Solid

Analysis Batch: 186503

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.35		2.0	0.35	ug/Kg			05/16/13 22:49	1
1,1,1-Trichloroethane	<0.20		1.0	0.20	ug/Kg			05/16/13 22:49	1
1,1,2,2-Tetrachloroethane	<0.23		1.0	0.23	ug/Kg			05/16/13 22:49	1
1,1,2-Trichloroethane	<0.28		1.0	0.28	ug/Kg			05/16/13 22:49	1
1,1-Dichloroethane	<0.19		1.0	0.19	ug/Kg			05/16/13 22:49	1
1,1-Dichloroethene	<0.31		1.0	0.31	ug/Kg			05/16/13 22:49	1

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-56871-1

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

Lab Sample ID: MB 500-186503/6

Matrix: Solid

Analysis Batch: 186503

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1-Dichloropropene	<0.34		1.0	0.34	ug/Kg			05/16/13 22:49	1
1,2,3-Trichlorobenzene	<0.35		2.0	0.35	ug/Kg			05/16/13 22:49	1
1,2,3-Trichloropropane	<0.57		2.0	0.57	ug/Kg			05/16/13 22:49	1
1,2,4-Trichlorobenzene	<0.38		2.0	0.38	ug/Kg			05/16/13 22:49	1
1,2,4-Trimethylbenzene	<0.21		2.0	0.21	ug/Kg			05/16/13 22:49	1
1,2-Dibromo-3-Chloropropane	<0.87		2.0	0.87	ug/Kg			05/16/13 22:49	1
1,2-Dibromoethane	<0.31		2.0	0.31	ug/Kg			05/16/13 22:49	1
1,2-Dichlorobenzene	<0.21		2.0	0.21	ug/Kg			05/16/13 22:49	1
1,2-Dichloroethane	<0.29		1.0	0.29	ug/Kg			05/16/13 22:49	1
1,2-Dichloropropane	<0.20		1.0	0.20	ug/Kg			05/16/13 22:49	1
1,3,5-Trimethylbenzene	<0.21		2.0	0.21	ug/Kg			05/16/13 22:49	1
1,3-Dichlorobenzene	<0.26		2.0	0.26	ug/Kg			05/16/13 22:49	1
1,3-Dichloropropane	<0.13		1.0	0.13	ug/Kg			05/16/13 22:49	1
1,4-Dichlorobenzene	<0.17		2.0	0.17	ug/Kg			05/16/13 22:49	1
2,2-Dichloropropane	<0.32		1.0	0.32	ug/Kg			05/16/13 22:49	1
2-Chlorotoluene	<0.21		1.0	0.21	ug/Kg			05/16/13 22:49	1
4-Chlorotoluene	<0.20		1.0	0.20	ug/Kg			05/16/13 22:49	1
Benzene	<0.074		0.25	0.074	ug/Kg			05/16/13 22:49	1
Bromobenzene	<0.43		2.0	0.43	ug/Kg			05/16/13 22:49	1
Bromochloromethane	<0.38		2.0	0.38	ug/Kg			05/16/13 22:49	1
Bromodichloromethane	<0.34		2.0	0.34	ug/Kg			05/16/13 22:49	1
Bromoform	<0.44		2.0	0.44	ug/Kg			05/16/13 22:49	1
Bromomethane	<0.68		2.0	0.68	ug/Kg			05/16/13 22:49	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/Kg			05/16/13 22:49	1
Chlorobenzene	<0.14		1.0	0.14	ug/Kg			05/16/13 22:49	1
Chloroethane	<0.44		2.0	0.44	ug/Kg			05/16/13 22:49	1
Chloroform	<0.21		1.0	0.21	ug/Kg			05/16/13 22:49	1
Chloromethane	<0.46		2.0	0.46	ug/Kg			05/16/13 22:49	1
cis-1,2-Dichloroethene	<0.12		1.0	0.12	ug/Kg			05/16/13 22:49	1
cis-1,3-Dichloropropene	<0.18		1.0	0.18	ug/Kg			05/16/13 22:49	1
Dibromochloromethane	<0.35		2.0	0.35	ug/Kg			05/16/13 22:49	1
Dibromomethane	<0.48		2.0	0.48	ug/Kg			05/16/13 22:49	1
Dichlorodifluoromethane	<0.51		2.0	0.51	ug/Kg			05/16/13 22:49	1
Ethylbenzene	<0.13		0.25	0.13	ug/Kg			05/16/13 22:49	1
Hexachlorobutadiene	<0.35		2.0	0.35	ug/Kg			05/16/13 22:49	1
Isopropyl ether	<0.15		2.0	0.15	ug/Kg			05/16/13 22:49	1
Isopropylbenzene	<0.25		2.0	0.25	ug/Kg			05/16/13 22:49	1
Methyl tert-butyl ether	<0.43		2.0	0.43	ug/Kg			05/16/13 22:49	1
Methylene Chloride	<0.68		5.0	0.68	ug/Kg			05/16/13 22:49	1
Naphthalene	<0.49		2.0	0.49	ug/Kg			05/16/13 22:49	1
n-Butylbenzene	<0.13		1.0	0.13	ug/Kg			05/16/13 22:49	1
N-Propylbenzene	<0.18		2.0	0.18	ug/Kg			05/16/13 22:49	1
p-Isopropyltoluene	<0.19		2.0	0.19	ug/Kg			05/16/13 22:49	1
sec-Butylbenzene	<0.15		1.0	0.15	ug/Kg			05/16/13 22:49	1
Styrene	<0.099		1.0	0.099	ug/Kg			05/16/13 22:49	1
tert-Butylbenzene	<0.14		1.0	0.14	ug/Kg			05/16/13 22:49	1
Tetrachloroethene	<0.17		1.0	0.17	ug/Kg			05/16/13 22:49	1
Toluene	<0.12		0.25	0.12	ug/Kg			05/16/13 22:49	1

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-56871-1

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

Lab Sample ID: MB 500-186503/6

Matrix: Solid

Analysis Batch: 186503

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	<0.25		1.0	0.25	ug/Kg			05/16/13 22:49	1
trans-1,3-Dichloropropene	<0.21		1.0	0.21	ug/Kg			05/16/13 22:49	1
Trichloroethene	<0.19		0.50	0.19	ug/Kg			05/16/13 22:49	1
Trichlorofluoromethane	<0.42		2.0	0.42	ug/Kg			05/16/13 22:49	1
Vinyl chloride	<0.10		0.25	0.10	ug/Kg			05/16/13 22:49	1
Xylenes, Total	<0.068		0.50	0.068	ug/Kg			05/16/13 22:49	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	92		75 - 125		05/16/13 22:49	1
4-Bromofluorobenzene (Surr)	107		75 - 120		05/16/13 22:49	1
Dibromofluoromethane	93		75 - 120		05/16/13 22:49	1
Toluene-d8 (Surr)	96		75 - 120		05/16/13 22:49	1

Lab Sample ID: LCS 500-186503/4

Matrix: Solid

Analysis Batch: 186503

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	50.0	48.8		ug/Kg		98	75 - 120
1,1,1-Trichloroethane	50.0	47.0		ug/Kg		94	70 - 123
1,1,1,2,2-Tetrachloroethane	50.0	46.9		ug/Kg		94	70 - 128
1,1,2-Trichloroethane	50.0	49.0		ug/Kg		98	69 - 120
1,1-Dichloroethane	50.0	44.7		ug/Kg		89	68 - 121
1,1-Dichloroethene	50.0	39.1		ug/Kg		78	58 - 122
1,1-Dichloropropene	50.0	49.3		ug/Kg		99	70 - 120
1,2,3-Trichlorobenzene	50.0	45.5		ug/Kg		91	56 - 137
1,2,3-Trichloropropane	50.0	49.0		ug/Kg		98	70 - 120
1,2,4-Trichlorobenzene	50.0	45.8		ug/Kg		92	65 - 121
1,2,4-Trimethylbenzene	50.0	49.1		ug/Kg		98	75 - 121
1,2-Dibromo-3-Chloropropane	50.0	48.6		ug/Kg		97	60 - 121
1,2-Dibromoethane	50.0	46.3		ug/Kg		93	70 - 120
1,2-Dichlorobenzene	50.0	49.0		ug/Kg		98	75 - 120
1,2-Dichloroethane	50.0	43.0		ug/Kg		86	69 - 120
1,2-Dichloropropane	50.0	47.3		ug/Kg		95	70 - 120
1,3,5-Trimethylbenzene	50.0	50.1		ug/Kg		100	75 - 123
1,3-Dichlorobenzene	50.0	48.4		ug/Kg		97	70 - 120
1,3-Dichloropropane	50.0	45.5		ug/Kg		91	70 - 120
1,4-Dichlorobenzene	50.0	47.7		ug/Kg		95	75 - 120
2,2-Dichloropropane	50.0	44.4		ug/Kg		89	67 - 125
2-Chlorotoluene	50.0	50.1		ug/Kg		100	70 - 120
4-Chlorotoluene	50.0	50.1		ug/Kg		100	70 - 120
Benzene	50.0	46.0		ug/Kg		92	70 - 120
Bromobenzene	50.0	52.2		ug/Kg		104	70 - 120
Bromochloromethane	50.0	44.7		ug/Kg		89	67 - 122
Bromodichloromethane	50.0	48.4		ug/Kg		97	70 - 120
Bromoform	50.0	46.0		ug/Kg		92	70 - 125
Bromomethane	50.0	54.6		ug/Kg		109	50 - 150
Carbon tetrachloride	50.0	48.0		ug/Kg		96	70 - 125

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-56871-1

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

Lab Sample ID: LCS 500-186503/4

Matrix: Solid

Analysis Batch: 186503

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chlorobenzene	50.0	47.3		ug/Kg		95	70 - 120
Chloroethane	50.0	40.4		ug/Kg		81	50 - 150
Chloroform	50.0	46.6		ug/Kg		93	70 - 120
Chloromethane	50.0	48.8		ug/Kg		98	50 - 134
cis-1,2-Dichloroethene	50.0	46.8		ug/Kg		94	70 - 120
cis-1,3-Dichloropropene	50.0	51.2		ug/Kg		102	70 - 120
Dibromochloromethane	50.0	47.9		ug/Kg		96	70 - 120
Dibromomethane	50.0	44.7		ug/Kg		89	70 - 120
Dichlorodifluoromethane	50.0	54.8		ug/Kg		110	40 - 140
Ethylbenzene	50.0	48.5		ug/Kg		97	75 - 120
Hexachlorobutadiene	50.0	44.3		ug/Kg		89	65 - 135
Isopropylbenzene	50.0	51.4		ug/Kg		103	70 - 120
Methyl tert-butyl ether	50.0	41.4		ug/Kg		83	58 - 122
Methylene Chloride	50.0	43.2		ug/Kg		86	65 - 125
Naphthalene	50.0	48.0		ug/Kg		96	55 - 132
n-Butylbenzene	50.0	47.6		ug/Kg		95	75 - 120
N-Propylbenzene	50.0	50.9		ug/Kg		102	70 - 120
p-Isopropyltoluene	50.0	49.5		ug/Kg		99	70 - 120
sec-Butylbenzene	50.0	50.0		ug/Kg		100	70 - 120
Styrene	50.0	48.6		ug/Kg		97	75 - 120
tert-Butylbenzene	50.0	50.7		ug/Kg		101	70 - 120
Tetrachloroethene	50.0	47.9		ug/Kg		96	70 - 123
Toluene	50.0	49.8		ug/Kg		100	70 - 120
trans-1,2-Dichloroethene	50.0	44.1		ug/Kg		88	70 - 124
trans-1,3-Dichloropropene	50.0	54.1		ug/Kg		108	70 - 120
Trichloroethene	50.0	48.3		ug/Kg		97	70 - 120
Trichlorofluoromethane	50.0	50.0		ug/Kg		100	63 - 134
Vinyl chloride	50.0	47.2		ug/Kg		94	62 - 138
Xylenes, Total	100	94.4		ug/Kg		94	70 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	89		75 - 125
4-Bromofluorobenzene (Surr)	101		75 - 120
Dibromofluoromethane	97		75 - 120
Toluene-d8 (Surr)	99		75 - 120

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 500-185947/1-A

Matrix: Solid

Analysis Batch: 186063

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 185947

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<17		33	17	ug/Kg		05/10/13 17:00	05/13/13 12:30	1
2-Methylnaphthalene	<43		170	43	ug/Kg		05/10/13 17:00	05/13/13 12:30	1
Acenaphthene	<9.9		33	9.9	ug/Kg		05/10/13 17:00	05/13/13 12:30	1
Acenaphthylene	<7.6		33	7.6	ug/Kg		05/10/13 17:00	05/13/13 12:30	1
Anthracene	<7.8		33	7.8	ug/Kg		05/10/13 17:00	05/13/13 12:30	1

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-56871-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 500-185947/1-A

Matrix: Solid

Analysis Batch: 186063

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 185947

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	<7.0		33	7.0	ug/Kg		05/10/13 17:00	05/13/13 12:30	1
Benzo[a]pyrene	<6.1		33	6.1	ug/Kg		05/10/13 17:00	05/13/13 12:30	1
Benzo[b]fluoranthene	<6.5		33	6.5	ug/Kg		05/10/13 17:00	05/13/13 12:30	1
Benzo[g,h,i]perylene	<11		33	11	ug/Kg		05/10/13 17:00	05/13/13 12:30	1
Benzo[k]fluoranthene	<7.9		33	7.9	ug/Kg		05/10/13 17:00	05/13/13 12:30	1
Chrysene	<7.5		33	7.5	ug/Kg		05/10/13 17:00	05/13/13 12:30	1
Dibenz(a,h)anthracene	<9.3		33	9.3	ug/Kg		05/10/13 17:00	05/13/13 12:30	1
Fluoranthene	<14		33	14	ug/Kg		05/10/13 17:00	05/13/13 12:30	1
Fluorene	<7.6		33	7.6	ug/Kg		05/10/13 17:00	05/13/13 12:30	1
Indeno[1,2,3-cd]pyrene	<11		33	11	ug/Kg		05/10/13 17:00	05/13/13 12:30	1
Naphthalene	<6.4		33	6.4	ug/Kg		05/10/13 17:00	05/13/13 12:30	1
Phenanthrene	<14		33	14	ug/Kg		05/10/13 17:00	05/13/13 12:30	1
Pyrene	<12		33	12	ug/Kg		05/10/13 17:00	05/13/13 12:30	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	78		30 - 119	05/10/13 17:00	05/13/13 12:30	1
Nitrobenzene-d5 (Surr)	84		30 - 115	05/10/13 17:00	05/13/13 12:30	1
Terphenyl-d14 (Surr)	75		36 - 134	05/10/13 17:00	05/13/13 12:30	1

Lab Sample ID: LCS 500-185947/2-A

Matrix: Solid

Analysis Batch: 186063

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 185947

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Methylnaphthalene	1670	1460		ug/Kg		88	51 - 110
Acenaphthene	1670	1300		ug/Kg		78	53 - 110
Acenaphthylene	1670	1450		ug/Kg		87	51 - 110
Anthracene	1670	1440		ug/Kg		87	52 - 110
Benzo[a]anthracene	1670	1400		ug/Kg		84	57 - 110
Benzo[a]pyrene	1670	1540		ug/Kg		92	56 - 110
Benzo[b]fluoranthene	1670	1650		ug/Kg		99	50 - 110
Benzo[g,h,i]perylene	1670	1330		ug/Kg		80	54 - 117
Benzo[k]fluoranthene	1670	1560		ug/Kg		93	43 - 121
Chrysene	1670	1540		ug/Kg		93	54 - 110
Dibenz(a,h)anthracene	1670	1410		ug/Kg		85	52 - 118
Fluoranthene	1670	1630		ug/Kg		98	55 - 113
Fluorene	1670	1350		ug/Kg		81	52 - 112
Indeno[1,2,3-cd]pyrene	1670	1410		ug/Kg		85	53 - 116
Naphthalene	1670	1300		ug/Kg		78	48 - 110
Phenanthrene	1670	1420		ug/Kg		85	51 - 116
Pyrene	1670	1480		ug/Kg		89	50 - 112

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorobiphenyl	86		30 - 119
Nitrobenzene-d5 (Surr)	92		30 - 115
Terphenyl-d14 (Surr)	91		36 - 134

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-56871-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 500-186304/1-A

Matrix: Solid

Analysis Batch: 186463

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 186304

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<17		33	17	ug/Kg		05/15/13 07:14	05/16/13 11:46	1
2-Methylnaphthalene	<43		170	43	ug/Kg		05/15/13 07:14	05/16/13 11:46	1
Acenaphthene	<9.9		33	9.9	ug/Kg		05/15/13 07:14	05/16/13 11:46	1
Acenaphthylene	<7.6		33	7.6	ug/Kg		05/15/13 07:14	05/16/13 11:46	1
Anthracene	<7.8		33	7.8	ug/Kg		05/15/13 07:14	05/16/13 11:46	1
Benzo[a]anthracene	<7.0		33	7.0	ug/Kg		05/15/13 07:14	05/16/13 11:46	1
Benzo[a]pyrene	<6.1		33	6.1	ug/Kg		05/15/13 07:14	05/16/13 11:46	1
Benzo[b]fluoranthene	<6.5		33	6.5	ug/Kg		05/15/13 07:14	05/16/13 11:46	1
Benzo[g,h,i]perylene	<11		33	11	ug/Kg		05/15/13 07:14	05/16/13 11:46	1
Benzo[k]fluoranthene	<7.9		33	7.9	ug/Kg		05/15/13 07:14	05/16/13 11:46	1
Chrysene	<7.5		33	7.5	ug/Kg		05/15/13 07:14	05/16/13 11:46	1
Dibenz(a,h)anthracene	<9.3		33	9.3	ug/Kg		05/15/13 07:14	05/16/13 11:46	1
Fluoranthene	<14		33	14	ug/Kg		05/15/13 07:14	05/16/13 11:46	1
Fluorene	<7.6		33	7.6	ug/Kg		05/15/13 07:14	05/16/13 11:46	1
Indeno[1,2,3-cd]pyrene	<11		33	11	ug/Kg		05/15/13 07:14	05/16/13 11:46	1
Naphthalene	<6.4		33	6.4	ug/Kg		05/15/13 07:14	05/16/13 11:46	1
Phenanthrene	<14		33	14	ug/Kg		05/15/13 07:14	05/16/13 11:46	1
Pyrene	<12		33	12	ug/Kg		05/15/13 07:14	05/16/13 11:46	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	78		30 - 119	05/15/13 07:14	05/16/13 11:46	1
Nitrobenzene-d5 (Surr)	83		30 - 115	05/15/13 07:14	05/16/13 11:46	1
Terphenyl-d14 (Surr)	76		36 - 134	05/15/13 07:14	05/16/13 11:46	1

Lab Sample ID: LCS 500-186304/2-A

Matrix: Solid

Analysis Batch: 186463

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 186304

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Methylnaphthalene	1670	1400		ug/Kg		84	51 - 110
Acenaphthene	1670	1360		ug/Kg		82	53 - 110
Acenaphthylene	1670	1470		ug/Kg		88	51 - 110
Anthracene	1670	1330		ug/Kg		80	52 - 110
Benzo[a]anthracene	1670	1410		ug/Kg		84	57 - 110
Benzo[a]pyrene	1670	1440		ug/Kg		86	56 - 110
Benzo[b]fluoranthene	1670	1630		ug/Kg		98	50 - 110
Benzo[g,h,i]perylene	1670	1450		ug/Kg		87	54 - 117
Benzo[k]fluoranthene	1670	1240		ug/Kg		75	43 - 121
Chrysene	1670	1550		ug/Kg		93	54 - 110
Dibenz(a,h)anthracene	1670	1580		ug/Kg		95	52 - 118
Fluoranthene	1670	1550		ug/Kg		93	55 - 113
Fluorene	1670	1430		ug/Kg		86	52 - 112
Indeno[1,2,3-cd]pyrene	1670	1530		ug/Kg		92	53 - 116
Naphthalene	1670	1300		ug/Kg		78	48 - 110
Phenanthrene	1670	1580		ug/Kg		95	51 - 116
Pyrene	1670	1380		ug/Kg		83	50 - 112

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-56871-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-186304/2-A

Matrix: Solid

Analysis Batch: 186463

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 186304

<i>Surrogate</i>	<i>LCS</i>	<i>LCS</i>	<i>Limits</i>
	<i>%Recovery</i>	<i>Qualifier</i>	
2-Fluorobiphenyl	82		30 - 119
Nitrobenzene-d5 (Surr)	90		30 - 115
Terphenyl-d14 (Surr)	82		36 - 134

Lab Sample ID: 500-56871-1 MS

Matrix: Solid

Analysis Batch: 186918

Client Sample ID: SB-706 12-14'

Prep Type: Total/NA

Prep Batch: 186304

<i>Analyte</i>	<i>Sample</i>		<i>Spike</i>	<i>MS MS</i>		<i>Unit</i>	<i>D</i>	<i>%Rec</i>	<i>%Rec.</i>	
	<i>Result</i>	<i>Qualifier</i>		<i>Result</i>	<i>Qualifier</i>				<i>Limits</i>	<i>Limits</i>
2-Methylnaphthalene	91	J	1930	1230		ug/Kg	☼	59	51 - 110	
Acenaphthene	12	J	1930	1280		ug/Kg	☼	67	53 - 110	
Acenaphthylene	<9.0		1930	1310		ug/Kg	☼	68	51 - 110	
Anthracene	<9.2		1930	1480		ug/Kg	☼	77	52 - 110	
Benzo[a]anthracene	<8.2		1930	1470		ug/Kg	☼	76	57 - 110	
Benzo[a]pyrene	<7.1		1930	1390		ug/Kg	☼	72	56 - 110	
Benzo[b]fluoranthene	<7.6		1930	1460		ug/Kg	☼	76	50 - 110	
Benzo[g,h,i]perylene	<13		1930	1920		ug/Kg	☼	99	54 - 117	
Benzo[k]fluoranthene	<9.3		1930	1100		ug/Kg	☼	57	43 - 121	
Chrysene	16	J	1930	1270		ug/Kg	☼	65	54 - 110	
Dibenz(a,h)anthracene	<11		1930	1750		ug/Kg	☼	91	52 - 118	
Fluoranthene	<16		1930	1480		ug/Kg	☼	77	55 - 113	
Fluorene	25	J	1930	1420		ug/Kg	☼	73	52 - 112	
Indeno[1,2,3-cd]pyrene	<13		1930	1750		ug/Kg	☼	91	53 - 116	
Naphthalene	15	J	1930	1190		ug/Kg	☼	61	48 - 110	
Phenanthrene	73		1930	1590		ug/Kg	☼	78	51 - 116	
Pyrene	16	J	1930	1410		ug/Kg	☼	72	50 - 112	

<i>Surrogate</i>	<i>MS</i>	<i>MS</i>	<i>Limits</i>
	<i>%Recovery</i>	<i>Qualifier</i>	
2-Fluorobiphenyl	71		30 - 119
Nitrobenzene-d5 (Surr)	60		30 - 115
Terphenyl-d14 (Surr)	87		36 - 134

Lab Sample ID: 500-56871-1 MSD

Matrix: Solid

Analysis Batch: 186918

Client Sample ID: SB-706 12-14'

Prep Type: Total/NA

Prep Batch: 186304

<i>Analyte</i>	<i>Sample</i>		<i>Spike</i>	<i>MSD MSD</i>		<i>Unit</i>	<i>D</i>	<i>%Rec</i>	<i>%Rec.</i>		<i>RPD</i>	
	<i>Result</i>	<i>Qualifier</i>		<i>Result</i>	<i>Qualifier</i>				<i>Limits</i>	<i>Limits</i>	<i>RPD</i>	<i>Limit</i>
2-Methylnaphthalene	91	J	1970	1310		ug/Kg	☼	62	51 - 110	6	30	
Acenaphthene	12	J	1970	1300		ug/Kg	☼	66	53 - 110	2	30	
Acenaphthylene	<9.0		1970	1340		ug/Kg	☼	68	51 - 110	2	30	
Anthracene	<9.2		1970	1460		ug/Kg	☼	74	52 - 110	1	30	
Benzo[a]anthracene	<8.2		1970	1420		ug/Kg	☼	72	57 - 110	3	30	
Benzo[a]pyrene	<7.1		1970	1360		ug/Kg	☼	69	56 - 110	2	30	
Benzo[b]fluoranthene	<7.6		1970	1280		ug/Kg	☼	65	50 - 110	13	30	
Benzo[g,h,i]perylene	<13		1970	1870		ug/Kg	☼	95	54 - 117	3	30	
Benzo[k]fluoranthene	<9.3		1970	1280		ug/Kg	☼	65	43 - 121	15	30	
Chrysene	16	J	1970	1320		ug/Kg	☼	66	54 - 110	4	30	
Dibenz(a,h)anthracene	<11		1970	1720		ug/Kg	☼	87	52 - 118	2	30	

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-56871-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 500-56871-1 MSD

Matrix: Solid

Analysis Batch: 186918

Client Sample ID: SB-706 12-14'

Prep Type: Total/NA

Prep Batch: 186304

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Fluoranthene	<16		1970	1460		ug/Kg	☆	74	55 - 113	1	30
Fluorene	25	J	1970	1430		ug/Kg	☆	71	52 - 112	0	30
Indeno[1,2,3-cd]pyrene	<13		1970	1710		ug/Kg	☆	87	53 - 116	2	30
Naphthalene	15	J	1970	1280		ug/Kg	☆	64	48 - 110	7	30
Phenanthrene	73		1970	1560		ug/Kg	☆	75	51 - 116	2	30
Pyrene	16	J	1970	1430		ug/Kg	☆	71	50 - 112	1	30

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
2-Fluorobiphenyl	73		30 - 119
Nitrobenzene-d5 (Surr)	65		30 - 115
Terphenyl-d14 (Surr)	84		36 - 134

Lab Chronicle

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-56871-1

Client Sample ID: SB-706 12-14'

Lab Sample ID: 500-56871-1

Date Collected: 05/06/13 13:45

Matrix: Solid

Date Received: 05/10/13 10:30

Percent Solids: 83.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			186000	05/06/13 11:45	WRE	TAL CHI
Total/NA	Analysis	8260B		50	186369	05/16/13 00:22	BDA	TAL CHI
Total/NA	Prep	3541			186304	05/15/13 07:14	STW	TAL CHI
Total/NA	Analysis	8270D		1	186918	05/21/13 12:49	AD	TAL CHI
Total/NA	Analysis	Moisture		1	185966	05/11/13 13:13	CMV	TAL CHI

Client Sample ID: SB-711 15-16'

Lab Sample ID: 500-56871-2

Date Collected: 05/07/13 07:55

Matrix: Solid

Date Received: 05/10/13 10:30

Percent Solids: 79.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			186000	05/07/13 11:45	WRE	TAL CHI
Total/NA	Analysis	8260B		100	186369	05/16/13 00:47	BDA	TAL CHI
Total/NA	Prep	5035	DL		186000	05/07/13 11:45	WRE	TAL CHI
Total/NA	Analysis	8260B	DL	1000	186369	05/16/13 01:11	BDA	TAL CHI
Total/NA	Prep	3541			186304	05/15/13 07:14	STW	TAL CHI
Total/NA	Analysis	8270D		1	187099	05/22/13 19:45	GES	TAL CHI
Total/NA	Prep	3541	DL		186304	05/15/13 07:14	STW	TAL CHI
Total/NA	Analysis	8270D	DL	25	187245	05/23/13 20:00	AD	TAL CHI
Total/NA	Analysis	Moisture		1	185966	05/11/13 13:13	CMV	TAL CHI

Client Sample ID: SB-713 19-20'

Lab Sample ID: 500-56871-3

Date Collected: 05/07/13 09:10

Matrix: Solid

Date Received: 05/10/13 10:30

Percent Solids: 83.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			186000	05/07/13 11:45	WRE	TAL CHI
Total/NA	Analysis	8260B		50	186369	05/16/13 01:36	BDA	TAL CHI
Total/NA	Prep	5035	DL		186000	05/07/13 11:45	WRE	TAL CHI
Total/NA	Analysis	8260B	DL	500	186369	05/16/13 02:00	BDA	TAL CHI
Total/NA	Prep	3541			186304	05/15/13 07:14	STW	TAL CHI
Total/NA	Analysis	8270D		1	186918	05/21/13 13:34	AD	TAL CHI
Total/NA	Analysis	Moisture		1	185966	05/11/13 13:13	CMV	TAL CHI

Client Sample ID: SB-714 15.5-16'

Lab Sample ID: 500-56871-4

Date Collected: 05/07/13 09:50

Matrix: Solid

Date Received: 05/10/13 10:30

Percent Solids: 83.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			186000	05/07/13 11:45	WRE	TAL CHI
Total/NA	Analysis	8260B		100	186369	05/16/13 02:25	BDA	TAL CHI
Total/NA	Prep	5035	DL		186000	05/07/13 11:45	WRE	TAL CHI
Total/NA	Analysis	8260B	DL	1000	186369	05/16/13 02:49	BDA	TAL CHI

TestAmerica Chicago

Lab Chronicle

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-56871-1

Client Sample ID: SB-714 15.5-16'

Lab Sample ID: 500-56871-4

Date Collected: 05/07/13 09:50

Matrix: Solid

Date Received: 05/10/13 10:30

Percent Solids: 83.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			186304	05/15/13 07:14	STW	TAL CHI
Total/NA	Analysis	8270D		1	187099	05/22/13 20:07	GES	TAL CHI
Total/NA	Prep	3541	DL		186304	05/15/13 07:14	STW	TAL CHI
Total/NA	Analysis	8270D	DL	10	187245	05/23/13 20:22	AD	TAL CHI
Total/NA	Analysis	Moisture		1	185966	05/11/13 13:13	CMV	TAL CHI

Client Sample ID: SB-715 15'

Lab Sample ID: 500-56871-5

Date Collected: 05/07/13 10:20

Matrix: Solid

Date Received: 05/10/13 10:30

Percent Solids: 83.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			186000	05/07/13 11:45	WRE	TAL CHI
Total/NA	Analysis	8260B		200	186369	05/16/13 03:14	BDA	TAL CHI
Total/NA	Prep	5035	DL		186000	05/07/13 11:45	WRE	TAL CHI
Total/NA	Analysis	8260B	DL	2000	186369	05/16/13 03:39	BDA	TAL CHI
Total/NA	Prep	3541			186304	05/15/13 07:14	STW	TAL CHI
Total/NA	Analysis	8270D		1	187099	05/22/13 20:29	GES	TAL CHI
Total/NA	Prep	3541	DL		186304	05/15/13 07:14	STW	TAL CHI
Total/NA	Analysis	8270D	DL	50	187245	05/23/13 20:44	AD	TAL CHI
Total/NA	Analysis	Moisture		1	185966	05/11/13 13:13	CMV	TAL CHI

Client Sample ID: SB-716 15'

Lab Sample ID: 500-56871-6

Date Collected: 05/07/13 10:50

Matrix: Solid

Date Received: 05/10/13 10:30

Percent Solids: 83.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			186000	05/07/13 11:45	WRE	TAL CHI
Total/NA	Analysis	8260B		50	186369	05/16/13 04:03	BDA	TAL CHI
Total/NA	Prep	3541			186304	05/15/13 07:14	STW	TAL CHI
Total/NA	Analysis	8270D		1	186918	05/21/13 14:41	AD	TAL CHI
Total/NA	Analysis	Moisture		1	185966	05/11/13 13:13	CMV	TAL CHI

Client Sample ID: SB-715 18'

Lab Sample ID: 500-56871-7

Date Collected: 05/07/13 10:25

Matrix: Solid

Date Received: 05/10/13 10:30

Percent Solids: 83.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			186000	05/07/13 11:45	WRE	TAL CHI
Total/NA	Analysis	8260B		50	186369	05/16/13 04:28	BDA	TAL CHI
Total/NA	Prep	3541			186304	05/15/13 07:14	STW	TAL CHI
Total/NA	Analysis	8270D		1	186918	05/21/13 15:04	AD	TAL CHI
Total/NA	Analysis	Moisture		1	185966	05/11/13 13:13	CMV	TAL CHI

TestAmerica Chicago

Lab Chronicle

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-56871-1

Client Sample ID: SB-717 15'

Lab Sample ID: 500-56871-8

Date Collected: 05/07/13 11:30

Matrix: Solid

Date Received: 05/10/13 10:30

Percent Solids: 82.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			186000	05/07/13 11:45	WRE	TAL CHI
Total/NA	Analysis	8260B		50	186369	05/16/13 04:52	BDA	TAL CHI
Total/NA	Prep	3541			186304	05/15/13 07:14	STW	TAL CHI
Total/NA	Analysis	8270D		1	186918	05/21/13 15:26	AD	TAL CHI
Total/NA	Analysis	Moisture		1	185966	05/11/13 13:13	CMV	TAL CHI

Client Sample ID: SB-718 15'

Lab Sample ID: 500-56871-9

Date Collected: 05/07/13 12:25

Matrix: Solid

Date Received: 05/10/13 10:30

Percent Solids: 82.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			186000	05/07/13 11:45	WRE	TAL CHI
Total/NA	Analysis	8260B		50	186369	05/16/13 05:17	BDA	TAL CHI
Total/NA	Prep	3541			186304	05/15/13 07:14	STW	TAL CHI
Total/NA	Analysis	8270D		1	186918	05/21/13 15:49	AD	TAL CHI
Total/NA	Analysis	Moisture		1	185966	05/11/13 13:13	CMV	TAL CHI

Client Sample ID: SB-719 15'

Lab Sample ID: 500-56871-10

Date Collected: 05/07/13 13:10

Matrix: Solid

Date Received: 05/10/13 10:30

Percent Solids: 84.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			186000	05/07/13 11:45	WRE	TAL CHI
Total/NA	Analysis	8260B		50	186369	05/16/13 05:42	BDA	TAL CHI
Total/NA	Prep	3541			186304	05/15/13 07:14	STW	TAL CHI
Total/NA	Analysis	8270D		1	186918	05/21/13 16:12	AD	TAL CHI
Total/NA	Prep	3541	DL		186304	05/15/13 07:14	STW	TAL CHI
Total/NA	Analysis	8270D	DL	10	187099	05/22/13 11:32	GES	TAL CHI
Total/NA	Analysis	Moisture		1	185966	05/11/13 13:13	CMV	TAL CHI

Client Sample ID: SB-720 15'

Lab Sample ID: 500-56871-11

Date Collected: 05/07/13 13:50

Matrix: Solid

Date Received: 05/10/13 10:30

Percent Solids: 84.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			186000	05/07/13 11:45	WRE	TAL CHI
Total/NA	Analysis	8260B		50	186369	05/16/13 06:06	BDA	TAL CHI
Total/NA	Prep	3541			186304	05/15/13 07:14	STW	TAL CHI
Total/NA	Analysis	8270D		1	186918	05/21/13 16:35	AD	TAL CHI
Total/NA	Analysis	Moisture		1	185966	05/11/13 13:13	CMV	TAL CHI

Lab Chronicle

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-56871-1

Client Sample ID: SB-721 15'

Lab Sample ID: 500-56871-12

Date Collected: 05/07/13 14:30

Matrix: Solid

Date Received: 05/10/13 10:30

Percent Solids: 81.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			186000	05/07/13 11:45	WRE	TAL CHI
Total/NA	Analysis	8260B		50	186369	05/16/13 06:31	BDA	TAL CHI
Total/NA	Prep	3541			186304	05/15/13 07:14	STW	TAL CHI
Total/NA	Analysis	8270D		1	186918	05/21/13 16:58	AD	TAL CHI
Total/NA	Analysis	Moisture		1	185966	05/11/13 13:13	CMV	TAL CHI

Client Sample ID: SB-722 15'

Lab Sample ID: 500-56871-13

Date Collected: 05/07/13 15:20

Matrix: Solid

Date Received: 05/10/13 10:30

Percent Solids: 83.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			186000	05/07/13 11:45	WRE	TAL CHI
Total/NA	Analysis	8260B		50	186369	05/16/13 06:56	BDA	TAL CHI
Total/NA	Prep	3541			186304	05/15/13 07:14	STW	TAL CHI
Total/NA	Analysis	8270D		1	186918	05/21/13 17:20	AD	TAL CHI
Total/NA	Analysis	Moisture		1	185966	05/11/13 13:13	CMV	TAL CHI

Client Sample ID: SB-723 15

Lab Sample ID: 500-56871-14

Date Collected: 05/07/13 15:50

Matrix: Solid

Date Received: 05/10/13 10:30

Percent Solids: 82.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			186000	05/07/13 11:45	WRE	TAL CHI
Total/NA	Analysis	8260B		50	186436	05/16/13 15:39	BDA	TAL CHI
Total/NA	Prep	5035	DL		186000	05/07/13 11:45	WRE	TAL CHI
Total/NA	Analysis	8260B	DL	500	186436	05/16/13 16:04	BDA	TAL CHI
Total/NA	Prep	3541			186304	05/15/13 07:14	STW	TAL CHI
Total/NA	Analysis	8270D		5	187099	05/22/13 11:55	GES	TAL CHI
Total/NA	Prep	3541	DL		186304	05/15/13 07:14	STW	TAL CHI
Total/NA	Analysis	8270D	DL	50	187245	05/23/13 12:17	AD	TAL CHI
Total/NA	Analysis	Moisture		1	185966	05/11/13 13:13	CMV	TAL CHI

Client Sample ID: SB-723 18'

Lab Sample ID: 500-56871-15

Date Collected: 05/07/13 16:05

Matrix: Solid

Date Received: 05/10/13 10:30

Percent Solids: 83.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			186000	05/07/13 11:45	WRE	TAL CHI
Total/NA	Analysis	8260B		50	186436	05/16/13 16:28	BDA	TAL CHI
Total/NA	Prep	3541			186304	05/15/13 07:14	STW	TAL CHI
Total/NA	Analysis	8270D		1	186918	05/21/13 18:06	AD	TAL CHI
Total/NA	Analysis	Moisture		1	185966	05/11/13 13:13	CMV	TAL CHI

TestAmerica Chicago

Lab Chronicle

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-56871-1

Client Sample ID: SB-724 15'

Lab Sample ID: 500-56871-16

Date Collected: 05/07/13 17:05

Matrix: Solid

Date Received: 05/10/13 10:30

Percent Solids: 91.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			186000	05/07/13 11:45	WRE	TAL CHI
Total/NA	Analysis	8260B		200	186436	05/16/13 16:53	BDA	TAL CHI
Total/NA	Prep	5035	DL		186000	05/07/13 11:45	WRE	TAL CHI
Total/NA	Analysis	8260B	DL	2000	186436	05/16/13 17:18	BDA	TAL CHI
Total/NA	Prep	3541			186304	05/15/13 07:14	STW	TAL CHI
Total/NA	Analysis	8270D		100	187099	05/22/13 12:17	GES	TAL CHI
Total/NA	Prep	3541	DL		186304	05/15/13 07:14	STW	TAL CHI
Total/NA	Analysis	8270D	DL	500	187245	05/23/13 12:40	AD	TAL CHI
Total/NA	Analysis	Moisture		1	185966	05/11/13 13:13	CMV	TAL CHI

Client Sample ID: SB-727 15'

Lab Sample ID: 500-56871-17

Date Collected: 05/08/13 09:10

Matrix: Solid

Date Received: 05/10/13 10:30

Percent Solids: 87.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			186000	05/08/13 11:45	WRE	TAL CHI
Total/NA	Analysis	8260B		50	186436	05/16/13 17:42	BDA	TAL CHI
Total/NA	Prep	3541			186304	05/15/13 07:14	STW	TAL CHI
Total/NA	Analysis	8270D		1	186918	05/21/13 18:51	AD	TAL CHI
Total/NA	Analysis	Moisture		1	185966	05/11/13 13:13	CMV	TAL CHI

Client Sample ID: MW-804 15'

Lab Sample ID: 500-56871-18

Date Collected: 05/09/13 07:45

Matrix: Solid

Date Received: 05/10/13 10:30

Percent Solids: 79.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			186001	05/09/13 07:45	WRE	TAL CHI
Total/NA	Analysis	8260B		50	186436	05/16/13 18:07	BDA	TAL CHI
Total/NA	Prep	3541			186304	05/15/13 07:14	STW	TAL CHI
Total/NA	Analysis	8270D		1	186918	05/21/13 19:14	AD	TAL CHI
Total/NA	Prep	3541	DL		186304	05/15/13 07:14	STW	TAL CHI
Total/NA	Analysis	8270D	DL	5	187099	05/22/13 12:40	GES	TAL CHI
Total/NA	Analysis	Moisture		1	185966	05/11/13 13:13	CMV	TAL CHI

Client Sample ID: MW-805 15'

Lab Sample ID: 500-56871-19

Date Collected: 05/09/13 09:20

Matrix: Solid

Date Received: 05/10/13 10:30

Percent Solids: 83.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			186001	05/09/13 09:20	WRE	TAL CHI
Total/NA	Analysis	8260B		50	186436	05/16/13 19:21	BDA	TAL CHI
Total/NA	Prep	3541			186304	05/15/13 07:14	STW	TAL CHI
Total/NA	Analysis	8270D		1	187099	05/22/13 20:52	GES	TAL CHI

TestAmerica Chicago

Lab Chronicle

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-56871-1

Client Sample ID: MW-805 15'

Lab Sample ID: 500-56871-19

Date Collected: 05/09/13 09:20

Matrix: Solid

Date Received: 05/10/13 10:30

Percent Solids: 83.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541	DL		186304	05/15/13 07:14	STW	TAL CHI
Total/NA	Analysis	8270D	DL	25	187245	05/23/13 21:06	AD	TAL CHI
Total/NA	Analysis	Moisture		1	185966	05/11/13 13:13	CMV	TAL CHI

Client Sample ID: B-116 0-2'

Lab Sample ID: 500-56871-20

Date Collected: 05/09/13 11:50

Matrix: Solid

Date Received: 05/10/13 10:30

Percent Solids: 88.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			186001	05/09/13 11:50	WRE	TAL CHI
Total/NA	Analysis	8260B		50	186436	05/16/13 18:32	BDA	TAL CHI
Total/NA	Prep	3541			186304	05/15/13 07:14	STW	TAL CHI
Total/NA	Analysis	8270D		1	186918	05/21/13 19:59	AD	TAL CHI
Total/NA	Prep	3541	DL		186304	05/15/13 07:14	STW	TAL CHI
Total/NA	Analysis	8270D	DL	5	187099	05/22/13 13:02	GES	TAL CHI
Total/NA	Analysis	Moisture		1	185966	05/11/13 13:13	CMV	TAL CHI

Client Sample ID: B-116 10-12'

Lab Sample ID: 500-56871-21

Date Collected: 05/09/13 12:00

Matrix: Solid

Date Received: 05/10/13 10:30

Percent Solids: 83.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			186001	05/09/13 12:00	WRE	TAL CHI
Total/NA	Analysis	8260B		50	186436	05/16/13 18:56	BDA	TAL CHI
Total/NA	Prep	3541			185947	05/10/13 17:00	DEA	TAL CHI
Total/NA	Analysis	8270D		1	186657	05/17/13 18:28	AD	TAL CHI
Total/NA	Analysis	Moisture		1	185966	05/11/13 13:13	CMV	TAL CHI

Client Sample ID: B-116 15'

Lab Sample ID: 500-56871-22

Date Collected: 05/09/13 12:05

Matrix: Solid

Date Received: 05/10/13 10:30

Percent Solids: 83.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			186001	05/09/13 12:05	WRE	TAL CHI
Total/NA	Analysis	8260B		50	186503	05/17/13 00:28	BDA	TAL CHI
Total/NA	Prep	3541			185947	05/10/13 17:00	DEA	TAL CHI
Total/NA	Analysis	8270D		1	186657	05/17/13 18:51	AD	TAL CHI
Total/NA	Analysis	Moisture		1	185966	05/11/13 13:13	CMV	TAL CHI

Lab Chronicle

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-56871-1

Client Sample ID: B-117 0-2'

Lab Sample ID: 500-56871-23

Date Collected: 05/09/13 12:10

Matrix: Solid

Date Received: 05/10/13 10:30

Percent Solids: 87.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			186001	05/09/13 12:10	WRE	TAL CHI
Total/NA	Analysis	8260B		50	186503	05/17/13 00:53	BDA	TAL CHI
Total/NA	Prep	3541			185947	05/10/13 17:00	DEA	TAL CHI
Total/NA	Analysis	8270D		1	186657	05/17/13 19:13	AD	TAL CHI
Total/NA	Prep	3541	DL		185947	05/10/13 17:00	DEA	TAL CHI
Total/NA	Analysis	8270D	DL	5	187245	05/23/13 13:24	AD	TAL CHI
Total/NA	Analysis	Moisture		1	185966	05/11/13 13:13	CMV	TAL CHI

Client Sample ID: B-117 10-12'

Lab Sample ID: 500-56871-24

Date Collected: 05/09/13 12:20

Matrix: Solid

Date Received: 05/10/13 10:30

Percent Solids: 84.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			186001	05/09/13 12:20	WRE	TAL CHI
Total/NA	Analysis	8260B		50	186503	05/17/13 01:17	BDA	TAL CHI
Total/NA	Prep	3541			185947	05/10/13 17:00	DEA	TAL CHI
Total/NA	Analysis	8270D		1	186657	05/17/13 19:35	AD	TAL CHI
Total/NA	Analysis	Moisture		1	185966	05/11/13 13:13	CMV	TAL CHI

Client Sample ID: B-117 15'

Lab Sample ID: 500-56871-25

Date Collected: 05/09/13 12:25

Matrix: Solid

Date Received: 05/10/13 10:30

Percent Solids: 81.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			186001	05/09/13 12:25	WRE	TAL CHI
Total/NA	Analysis	8260B		50	186503	05/17/13 01:42	BDA	TAL CHI
Total/NA	Prep	3541			185947	05/10/13 17:00	DEA	TAL CHI
Total/NA	Analysis	8270D		1	186657	05/17/13 19:57	AD	TAL CHI
Total/NA	Analysis	Moisture		1	185966	05/11/13 13:13	CMV	TAL CHI

Client Sample ID: Trip Blank

Lab Sample ID: 500-56871-26

Date Collected: 05/09/13 00:00

Matrix: Solid

Date Received: 05/10/13 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			186001	05/09/13 00:00	WRE	TAL CHI
Total/NA	Analysis	8260B		50	186503	05/17/13 02:06	BDA	TAL CHI

Laboratory References:

TAL CHI = TestAmerica Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

Certification Summary

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-56871-1

Laboratory: TestAmerica Chicago

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Alabama	State Program	4	40461	05-31-13
California	NELAP	9	01132CA	04-30-14
Georgia	State Program	4	N/A	04-30-14
Georgia	State Program	4	939	04-30-14
Hawaii	State Program	9	N/A	04-30-14
Illinois	NELAP	5	100201	04-30-14
Indiana	State Program	5	C-IL-02	04-30-14
Iowa	State Program	7	82	05-01-14
Kansas	NELAP	7	E-10161	10-31-13
Kentucky	State Program	4	90023	12-31-13
Kentucky (UST)	State Program	4	66	04-30-14
Louisiana	NELAP	6	30720	06-30-13
Massachusetts	State Program	1	M-IL035	06-30-13
Mississippi	State Program	4	N/A	04-30-14
North Carolina DENR	State Program	4	291	12-31-13
North Dakota	State Program	8	R-194	04-30-14
Oklahoma	State Program	6	8908	08-31-13
South Carolina	State Program	4	77001	05-31-13 *
Texas	NELAP	6	T104704252-09-TX	02-28-14
USDA	Federal		P330-12-00038	02-06-15
Virginia	NELAP	3	460142	06-14-13
Wisconsin	State Program	5	999580010	08-31-13
Wyoming	State Program	8	8TMS-Q	07-15-13

* Expired certification is currently pending renewal and is considered valid.



TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

2417 Bond Street, University Park, IL 60484
 Phone: 708.534.5200 Fax: 708.534.5211



500-56871 COC

Report To (optional)

Contact: Mike Noel

Company: Tetra Tech
175 N. Corporate Dr Suite 100
Brookfield, WI
202-792-1282
202-792-1310

Bill To (optional)

Contact: _____
 Company: _____
 Address: _____
 Address: _____
 Phone: _____
 Fax: _____
 PO#/Reference# _____

Chain of Custody Record

Lab Job #: 500-56871

Chain of Custody Number: _____

Page 1 of 3

Temperature °C of Cooler: (28)(3.1)

Client		Client Project #		Preservative			Parameter		Preservative Key 1. HCL, Cool to 4° 2. H2SO4, Cool to 4° 3. HNO3, Cool to 4° 4. NaOH, Cool to 4° 5. NaOH/Zn, Cool to 4° 6. NaHSO4 7. Cool to 4° 8. None 9. Other
Project Name		Lab Project #		Matrix			Comments		
Project Location/State		Lab PM		Matrix					
Sampler		Lab PM		Matrix					
Lab ID	MS/MSD	Sample ID	2013	Date	Time	# of Containers	Matrix		
1		SB-706	12-14'	5-6	13:45	3	SO	PAH	✓
2		SB-711	15-16'	5-7	0755			VOCs	✓
3		SB-713	19-20'		0910			Dry weight	✓
4		SB-714	15.5-16'		0950				✓
5		SB-715	15'		1020				✓
6		SB-716	15'		1050				✓
7		SB-715	18'		1025				✓
8		SB-717	15'		1130				✓
9		SB-718	15'		1225				✓
10		SB-719	15'		1310				✓

Turnaround Time Required (Business Days)

1 Day 2 Days 5 Days 7 Days 10 Days 15 Days Other

Sample Disposal

Return to Client Disposal by Lab Archive for _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Relinquished By <u>Doniela Weimer</u>	Company <u>Tetra Tech</u>	Date <u>5-9-13</u>	Time <u>1600</u>	Received By	Company	Date	Time
Relinquished By	Company	Date	Time	Received By	Company	Date	Time
Relinquished By	Company	Date	Time	Received By	Company	Date	Time

Lab Courier: _____
 Shipped: _____
 Hand Delivered: _____

Matrix Key
 WW - Wastewater SE - Sediment
 W - Water SO - Soil
 S - Soil L - Leachate
 SL - Sludge W - Wipe
 MS - Miscellaneous DW - Drinking Water
 OL - Oil O - Other
 A - Air

Client Comments: _____

Lab Comments: _____

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

2417 Bond Street, University Park, IL 60484
 Phone: 708.534.5200 Fax: 708.534.5211

Report To (optional)
 Contact: Mike Noel
 Company: Tetra Tech
 Address: 15 N. Corporate Dr Suite 100
Brookfield, WI
 Phone: (262) 792-1282
 Fax: (262) 792-1310
 E-Mail:

Bill To (optional)
 Contact:
 Company:
 Address:
 Address:
 Phone:
 Fax:
 PO#/Reference#

Chain of Custody Record

Lab Job #: 500-56871

Chain of Custody Number: _____

Page 2 of 3

Temperature °C of Cooler: _____

Client		Client Project #		Preservative			Preservative Key 1. HCL, Cool to 4° 2. H2SO4, Cool to 4° 3. HNO3, Cool to 4° 4. NaOH, Cool to 4° 5. NaOH/Zn, Cool to 4° 6. NaHSO4 7. Cool to 4° 8. None 9. Other		
Project Name		Lab Project #		Parameter					
Project Location/State		Lab PM							
Sampler									
Lab ID	M/S/MSD	Sample ID	2013	Date	Time	# of Containers	Matrix	Comments	
11		SB-720 15'	2013	5-7	1350	3	SD	PAH ✓ VOCs ✓ DRY weight ✓	
12		SB-721 15'			1430			✓ ✓ ✓	
13		SB-722 15'			1520			✓ ✓ ✓	
14		SB-723 15'			1550			✓ ✓ ✓	
15		SB-723 18'			1605			✓ ✓ ✓	
16		SB-724 15'			1705			✓ ✓ ✓	Not enough recovery for dry wt
17		SB-727 15'		5-8	0910			✓ ✓ ✓	
18		MW-804 15'		5-9	0745			✓ ✓ ✓	
19		MW-805 15'			0920			✓ ✓ ✓	
20		B-116 0-2			1150			✓ ✓ ✓	

Turnaround Time Required (Business Days)

1 Day 2 Days 5 Days 7 Days 10 Days 15 Days Other

Sample Disposal

Return to Client Disposal by Lab Archive for _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Relinquished By	Company	Date	Time	Received By	Company	Date	Time
<u>Ashey A. Weimer</u>	<u>Tetra Tech</u>	<u>5-9-13</u>	<u>1600</u>				

Lab Courier: _____
 Shipped: _____
 Hand Delivered: _____

Matrix Key

WW - Wastewater SE - Sediment
 W - Water SO - Soil
 S - Soil L - Leachate
 SL - Sludge WI - Wipe
 MS - Miscellaneous DW - Drinking Water
 OL - Oil C - Other
 A - Air

Client Comments

Lab Comments:

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

2417 Bond Street, University Park, IL 60484
Phone: 708.534.5200 Fax: 708.534.5211

Report To (optional)
Contact: Mike Noel
Company: Tetra Tech
Address: 75 N. CORPORATE DR
BROOKFIELD, WI 53045 Suite 100
Phone: (262) 792-1282
Fax: (262) 792-1310
E-Mail:

Bill To (optional)
Contact:
Company:
Address:
Address:
Phone:
Fax:
PO#/Reference#

Chain of Custody Record

Lab Job #: 500-56871
Chain of Custody Number:
Page 3 of 3
Temperature °C of Cooler:

Client		Client Project #		Preservative			Preservative Key 1. HCL, Cool to 4° 2. H2SO4, Cool to 4° 3. HNO3, Cool to 4° 4. NaOH, Cool to 4° 5. NaOH/Zn, Cool to 4° 6. NaHSO4 7. Cool to 4° 8. None 9. Other	
Project Name		Lab Project #		Parameter				
Project Location/State		Lab Project #						
Sampler		Lab PM						
Lab ID	MS/MSD	Sample ID	Sampling		# of Containers	Matrix	Comments	
			Date	Time				
21		B-116 10-12	5-9	1200	3	S		PAH
22		B-116 15'	↓	1205	↓	↓		VOCs
23		B-117 0-2'	↓	1210	↓	↓		DRY Weight
24		B-117 10-12'	↓	1220	↓	↓		
25		B-117 15'	↓	1225	↓	↓		
26		TRIP BLANK	-	-	2	-	1 PER COOLER	

Turnaround Time Required (Business Days)

1 Day 2 Days 5 Days 7 Days 10 Days 15 Days Other

Sample Disposal

Return to Client Disposal by Lab Archive for _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Relinquished By <u>Donna A. Weimer</u>	Company <u>Tetra Tech</u>	Date <u>5-9-13</u>	Time <u>1600</u>	Received By	Company	Date	Time
Relinquished By	Company	Date	Time	Received By	Company	Date	Time
Relinquished By	Company	Date	Time	Received By	Company	Date	Time

Lab Courier
Shipped
Hand Delivered

Matrix Key

WW - Wastewater SE - Sediment
W - Water SO - Soil
S - Soil L - Leachate
SL - Sludge WL - Wipe
MS - Miscellaneous DW - Drinking Water
OL - Oil O - Other
A - Air

Client Comments

Lab Comments:

Login Sample Receipt Checklist

Client: Tetra Tech GEO

Job Number: 500-56871-1

Login Number: 56871

List Source: TestAmerica Chicago

List Number: 1

Creator: Kelsey, Shawn M

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are 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	2.8,3.1c
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	
There are no discrepancies between the containers received 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	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	



TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Chicago
2417 Bond Street
University Park, IL 60484
Tel: (708)534-5200

TestAmerica Job ID: 500-58359-1
Client Project/Site: Beazer Oak Creek - 117-2201289.02

For:
Tetra Tech GEO
175 N Corporate Drive
Suite 100
Brookfield, Wisconsin 53045

Attn: Mr. Mike Noel



Authorized for release by:
7/9/2013 4:05:20 PM

Sandie Fredrick, Project Manager I
sandie.fredrick@testamericainc.com

LINKS

Review your project
results through
TotalAccess

Have a Question?



Visit us at:
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.

- 1
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Case Narrative

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-58359-1

Job ID: 500-58359-1

Laboratory: TestAmerica Chicago

Narrative

Job Narrative 500-58359-1

Comments

No additional comments.

Receipt

The samples were received on 6/22/2013 9:20 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.3° C.

GC/MS VOA

Method(s) 5035: Extract vials have < 8 grams of soil in 10 ml MeOH. SB-725 A1 20' (500-58359-6), SB-725 C-3 20' (500-58359-8), SB-732 20' (500-58359-1), SB-733 20' (500-58359-2), SB-734 20' (500-58359-3), SB-735 20' (500-58359-4), SB-736 20' (500-58359-5), SB-737 18-20' (500-58359-11), SB-738 18-20' (500-58359-9), SB-739 17-20' (500-58359-10), SB-740 20' (500-58359-7).

Method(s) 8260B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 191072 were outside control limits for 1,2-Dichloropropane. The associated laboratory control sample (LCS) recovery met acceptance criteria.

No other analytical or quality issues were noted.

GC/MS Semi VOA

Method(s) 8270D: Surrogate recovery for the following samples was outside control limits: SB-732 20' (500-58359-1), SB-740 20' (500-58359-7). Evidence of matrix interference is present. No corrective action was required.

No other 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: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-58359-1

Client Sample ID: SB-732 20'

Lab Sample ID: 500-58359-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	46	J	140	15	ug/Kg	50		8260B	Total/NA
Benzene	26		17	5.1	ug/Kg	50		8260B	Total/NA
Ethylbenzene	41		17	8.7	ug/Kg	50		8260B	Total/NA
Naphthalene	1600		140	34	ug/Kg	50		8260B	Total/NA
Toluene	69		17	7.9	ug/Kg	50		8260B	Total/NA
Xylenes, Total	150		34	4.7	ug/Kg	50		8260B	Total/NA
1-Methylnaphthalene	130		36	18	ug/Kg	1	☼	8270D	Total/NA
2-Methylnaphthalene	250		180	47	ug/Kg	1	☼	8270D	Total/NA
Acenaphthene	480		36	11	ug/Kg	1	☼	8270D	Total/NA
Acenaphthylene	26	J	36	8.4	ug/Kg	1	☼	8270D	Total/NA
Anthracene	530		36	8.6	ug/Kg	1	☼	8270D	Total/NA
Dibenz(a,h)anthracene	810		36	10	ug/Kg	1	☼	8270D	Total/NA
Fluorene	240		36	8.3	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene - DL	2600		180	38	ug/Kg	5	☼	8270D	Total/NA
Benzo[a]pyrene - DL	2900		180	33	ug/Kg	5	☼	8270D	Total/NA
Benzo[b]fluoranthene - DL	4500		180	35	ug/Kg	5	☼	8270D	Total/NA
Benzo[g,h,i]perylene - DL	1900		180	62	ug/Kg	5	☼	8270D	Total/NA
Benzo[k]fluoranthene - DL	1400		180	44	ug/Kg	5	☼	8270D	Total/NA
Chrysene - DL	3000		180	41	ug/Kg	5	☼	8270D	Total/NA
Fluoranthene - DL	5600		180	75	ug/Kg	5	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene - DL	1400		180	62	ug/Kg	5	☼	8270D	Total/NA
Phenanthrene - DL	3400		180	76	ug/Kg	5	☼	8270D	Total/NA
Pyrene - DL	5300		180	66	ug/Kg	5	☼	8270D	Total/NA
Naphthalene - DL2	16000		360	70	ug/Kg	10	☼	8270D	Total/NA

Client Sample ID: SB-733 20'

Lab Sample ID: 500-58359-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chrysene	12	J	35	8.0	ug/Kg	1	☼	8270D	Total/NA
Fluorene	16	J	35	8.1	ug/Kg	1	☼	8270D	Total/NA
Naphthalene	7.7	J	35	6.8	ug/Kg	1	☼	8270D	Total/NA

Client Sample ID: SB-734 20'

Lab Sample ID: 500-58359-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	1100		130	33	ug/Kg	50		8260B	Total/NA
1-Methylnaphthalene	52		37	18	ug/Kg	1	☼	8270D	Total/NA
2-Methylnaphthalene	91	J	190	48	ug/Kg	1	☼	8270D	Total/NA
Acenaphthene	96		37	11	ug/Kg	1	☼	8270D	Total/NA
Acenaphthylene	26	J	37	8.5	ug/Kg	1	☼	8270D	Total/NA
Anthracene	220		37	8.7	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene	520		37	7.8	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	600		37	6.8	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	800		37	7.2	ug/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	360		37	12	ug/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	360		37	8.8	ug/Kg	1	☼	8270D	Total/NA
Chrysene	650		37	8.4	ug/Kg	1	☼	8270D	Total/NA
Dibenz(a,h)anthracene	130		37	10	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	1000		37	15	ug/Kg	1	☼	8270D	Total/NA
Fluorene	120		37	8.4	ug/Kg	1	☼	8270D	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Chicago

Detection Summary

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-58359-1

Client Sample ID: SB-734 20' (Continued)

Lab Sample ID: 500-58359-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Indeno[1,2,3-cd]pyrene	290		37	12	ug/Kg	1	☼	8270D	Total/NA
Naphthalene	760		37	7.1	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	710		37	16	ug/Kg	1	☼	8270D	Total/NA
Pyrene	940		37	13	ug/Kg	1	☼	8270D	Total/NA

Client Sample ID: SB-735 20'

Lab Sample ID: 500-58359-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	83	J	140	36	ug/Kg	50		8260B	Total/NA
Benzo[a]anthracene	8.1	J	36	7.6	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	9.6	J	36	7.1	ug/Kg	1	☼	8270D	Total/NA
Chrysene	15	J	36	8.2	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	19	J	36	15	ug/Kg	1	☼	8270D	Total/NA
Fluorene	22	J	36	8.3	ug/Kg	1	☼	8270D	Total/NA
Naphthalene	16	J	36	7.0	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	42		36	15	ug/Kg	1	☼	8270D	Total/NA
Pyrene	22	J	36	13	ug/Kg	1	☼	8270D	Total/NA

Client Sample ID: SB-736 20'

Lab Sample ID: 500-58359-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	820		20	5.8	ug/Kg	50		8260B	Total/NA
Ethylbenzene	520		20	9.8	ug/Kg	50		8260B	Total/NA
Naphthalene	890		160	39	ug/Kg	50		8260B	Total/NA
Styrene	220		78	7.7	ug/Kg	50		8260B	Total/NA
Toluene	470		20	9.0	ug/Kg	50		8260B	Total/NA
Xylenes, Total	1300		39	5.3	ug/Kg	50		8260B	Total/NA
1-Methylnaphthalene	86		36	18	ug/Kg	1	☼	8270D	Total/NA
2-Methylnaphthalene	180		180	47	ug/Kg	1	☼	8270D	Total/NA
Acenaphthene	100		36	11	ug/Kg	1	☼	8270D	Total/NA
Acenaphthylene	48		36	8.4	ug/Kg	1	☼	8270D	Total/NA
Anthracene	110		36	8.6	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene	38		36	7.7	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	22	J	36	6.7	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	29	J	36	7.1	ug/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	15	J	36	12	ug/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	12	J	36	8.7	ug/Kg	1	☼	8270D	Total/NA
Chrysene	100		36	8.3	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	100		36	15	ug/Kg	1	☼	8270D	Total/NA
Fluorene	100		36	8.3	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	360		36	15	ug/Kg	1	☼	8270D	Total/NA
Pyrene	100		36	13	ug/Kg	1	☼	8270D	Total/NA
Naphthalene - DL	2800		360	71	ug/Kg	10	☼	8270D	Total/NA

Client Sample ID: SB-725 A1 20'

Lab Sample ID: 500-58359-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chrysene	12	J	37	8.4	ug/Kg	1	☼	8270D	Total/NA

Client Sample ID: SB-740 20'

Lab Sample ID: 500-58359-7

This Detection Summary does not include radiochemical test results.

TestAmerica Chicago

Detection Summary

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-58359-1

Client Sample ID: SB-740 20' (Continued)

Lab Sample ID: 500-58359-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	1800		150	36	ug/Kg	50		8260B	Total/NA
Toluene	32		18	8.4	ug/Kg	50		8260B	Total/NA
Xylenes, Total	48		36	5.0	ug/Kg	50		8260B	Total/NA
1-Methylnaphthalene	850		35	17	ug/Kg	1	*	8270D	Total/NA
2-Methylnaphthalene	2300		180	45	ug/Kg	1	*	8270D	Total/NA
Acenaphthene	1800		35	10	ug/Kg	1	*	8270D	Total/NA
Anthracene	93		35	8.2	ug/Kg	1	*	8270D	Total/NA
Benzo[a]anthracene	7.6	J	35	7.3	ug/Kg	1	*	8270D	Total/NA
Chrysene	14	J	35	7.9	ug/Kg	1	*	8270D	Total/NA
Fluoranthene	44		35	14	ug/Kg	1	*	8270D	Total/NA
Fluorene	920		35	8.0	ug/Kg	1	*	8270D	Total/NA
Pyrene	37		35	13	ug/Kg	1	*	8270D	Total/NA
Naphthalene - DL	18000		350	67	ug/Kg	10	*	8270D	Total/NA
Phenanthrene - DL	1200		350	150	ug/Kg	10	*	8270D	Total/NA

Client Sample ID: SB-725 C-3 20'

Lab Sample ID: 500-58359-8

No Detections.

Client Sample ID: SB-738 18-20'

Lab Sample ID: 500-58359-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	31		19	8.7	ug/Kg	50		8260B	Total/NA

Client Sample ID: SB-739 17-20'

Lab Sample ID: 500-58359-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	32		17	8.8	ug/Kg	50		8260B	Total/NA
Naphthalene	180		140	34	ug/Kg	50		8260B	Total/NA
Toluene	59		17	8.0	ug/Kg	50		8260B	Total/NA
Xylenes, Total	100		35	4.8	ug/Kg	50		8260B	Total/NA
Chrysene	10	J	38	8.6	ug/Kg	1	*	8270D	Total/NA
Naphthalene	120		38	7.3	ug/Kg	1	*	8270D	Total/NA

Client Sample ID: SB-737 18-20'

Lab Sample ID: 500-58359-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	22		17	7.7	ug/Kg	50		8260B	Total/NA
Chrysene	14	J	36	8.1	ug/Kg	1	*	8270D	Total/NA
Phenanthrene	20	J	36	15	ug/Kg	1	*	8270D	Total/NA

Client Sample ID: Trip Blank

Lab Sample ID: 500-58359-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	16		13	5.8	ug/Kg	50		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Chicago

Method Summary

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-58359-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL CHI
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL CHI
Moisture	Percent Moisture	EPA	TAL CHI

Protocol References:

EPA = US Environmental Protection Agency

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

Laboratory References:

TAL CHI = TestAmerica Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

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Sample Summary

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-58359-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-58359-1	SB-732 20'	Solid	06/13/13 09:30	06/22/13 09:20
500-58359-2	SB-733 20'	Solid	06/13/13 10:00	06/22/13 09:20
500-58359-3	SB-734 20'	Solid	06/13/13 11:30	06/22/13 09:20
500-58359-4	SB-735 20'	Solid	06/13/13 12:00	06/22/13 09:20
500-58359-5	SB-736 20'	Solid	06/13/13 13:30	06/22/13 09:20
500-58359-6	SB-725 A1 20'	Solid	06/14/13 08:20	06/22/13 09:20
500-58359-7	SB-740 20'	Solid	06/14/13 15:30	06/22/13 09:20
500-58359-8	SB-725 C-3 20'	Solid	06/18/13 13:30	06/22/13 09:20
500-58359-9	SB-738 18-20'	Solid	06/21/13 08:40	06/22/13 09:20
500-58359-10	SB-739 17-20'	Solid	06/21/13 08:50	06/22/13 09:20
500-58359-11	SB-737 18-20'	Solid	06/21/13 09:00	06/22/13 09:20
500-58359-12	Trip Blank	Solid	06/13/13 00:00	06/22/13 09:20



Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-58359-1

Client Sample ID: SB-732 20'

Lab Sample ID: 500-58359-1

Date Collected: 06/13/13 09:30

Matrix: Solid

Date Received: 06/22/13 09:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<24		140	24	ug/Kg		06/13/13 09:30	06/26/13 17:15	50
1,1,1-Trichloroethane	<14		69	14	ug/Kg		06/13/13 09:30	06/26/13 17:15	50
1,1,2,2-Tetrachloroethane	<16		69	16	ug/Kg		06/13/13 09:30	06/26/13 17:15	50
1,1,2-Trichloroethane	<19		69	19	ug/Kg		06/13/13 09:30	06/26/13 17:15	50
1,1-Dichloroethane	<13		69	13	ug/Kg		06/13/13 09:30	06/26/13 17:15	50
1,1-Dichloroethene	<21		69	21	ug/Kg		06/13/13 09:30	06/26/13 17:15	50
1,1-Dichloropropene	<24		69	24	ug/Kg		06/13/13 09:30	06/26/13 17:15	50
1,2,3-Trichlorobenzene	<24		140	24	ug/Kg		06/13/13 09:30	06/26/13 17:15	50
1,2,3-Trichloropropane	<39		140	39	ug/Kg		06/13/13 09:30	06/26/13 17:15	50
1,2,4-Trichlorobenzene	<26		140	26	ug/Kg		06/13/13 09:30	06/26/13 17:15	50
1,2,4-Trimethylbenzene	46	J	140	15	ug/Kg		06/13/13 09:30	06/26/13 17:15	50
1,2-Dibromo-3-Chloropropane	<60		140	60	ug/Kg		06/13/13 09:30	06/26/13 17:15	50
1,2-Dibromoethane	<22		140	22	ug/Kg		06/13/13 09:30	06/26/13 17:15	50
1,2-Dichlorobenzene	<14		140	14	ug/Kg		06/13/13 09:30	06/26/13 17:15	50
1,2-Dichloroethane	<20		69	20	ug/Kg		06/13/13 09:30	06/26/13 17:15	50
1,2-Dichloropropane	<13		69	13	ug/Kg		06/13/13 09:30	06/26/13 17:15	50
1,3,5-Trimethylbenzene	<14		140	14	ug/Kg		06/13/13 09:30	06/26/13 17:15	50
1,3-Dichlorobenzene	<18		140	18	ug/Kg		06/13/13 09:30	06/26/13 17:15	50
1,3-Dichloropropane	<9.2		69	9.2	ug/Kg		06/13/13 09:30	06/26/13 17:15	50
1,4-Dichlorobenzene	<12		140	12	ug/Kg		06/13/13 09:30	06/26/13 17:15	50
2,2-Dichloropropane	<22		69	22	ug/Kg		06/13/13 09:30	06/26/13 17:15	50
2-Chlorotoluene	<14		69	14	ug/Kg		06/13/13 09:30	06/26/13 17:15	50
4-Chlorotoluene	<14		69	14	ug/Kg		06/13/13 09:30	06/26/13 17:15	50
Benzene	26		17	5.1	ug/Kg		06/13/13 09:30	06/26/13 17:15	50
Bromobenzene	<29		140	29	ug/Kg		06/13/13 09:30	06/26/13 17:15	50
Bromochloromethane	<26		140	26	ug/Kg		06/13/13 09:30	06/26/13 17:15	50
Bromodichloromethane	<23		140	23	ug/Kg		06/13/13 09:30	06/26/13 17:15	50
Bromoform	<30		140	30	ug/Kg		06/13/13 09:30	06/26/13 17:15	50
Bromomethane	<47		140	47	ug/Kg		06/13/13 09:30	06/26/13 17:15	50
Carbon tetrachloride	<18		69	18	ug/Kg		06/13/13 09:30	06/26/13 17:15	50
Chlorobenzene	<9.8		69	9.8	ug/Kg		06/13/13 09:30	06/26/13 17:15	50
Chloroethane	<30		140	30	ug/Kg		06/13/13 09:30	06/26/13 17:15	50
Chloroform	<14		69	14	ug/Kg		06/13/13 09:30	06/26/13 17:15	50
Chloromethane	<32		140	32	ug/Kg		06/13/13 09:30	06/26/13 17:15	50
cis-1,2-Dichloroethene	<8.5		69	8.5	ug/Kg		06/13/13 09:30	06/26/13 17:15	50
cis-1,3-Dichloropropene	<12		69	12	ug/Kg		06/13/13 09:30	06/26/13 17:15	50
Dibromochloromethane	<24		140	24	ug/Kg		06/13/13 09:30	06/26/13 17:15	50
Dibromomethane	<33		140	33	ug/Kg		06/13/13 09:30	06/26/13 17:15	50
Dichlorodifluoromethane	<35		140	35	ug/Kg		06/13/13 09:30	06/26/13 17:15	50
Ethylbenzene	41		17	8.7	ug/Kg		06/13/13 09:30	06/26/13 17:15	50
Hexachlorobutadiene	<24		140	24	ug/Kg		06/13/13 09:30	06/26/13 17:15	50
Isopropyl ether	<10		140	10	ug/Kg		06/13/13 09:30	06/26/13 17:15	50
Isopropylbenzene	<17		140	17	ug/Kg		06/13/13 09:30	06/26/13 17:15	50
Methyl tert-butyl ether	<30		140	30	ug/Kg		06/13/13 09:30	06/26/13 17:15	50
Methylene Chloride	<47		340	47	ug/Kg		06/13/13 09:30	06/26/13 17:15	50
Naphthalene	1600		140	34	ug/Kg		06/13/13 09:30	06/26/13 17:15	50
n-Butylbenzene	<8.9		69	8.9	ug/Kg		06/13/13 09:30	06/26/13 17:15	50
N-Propylbenzene	<12		140	12	ug/Kg		06/13/13 09:30	06/26/13 17:15	50
p-Isopropyltoluene	<13		140	13	ug/Kg		06/13/13 09:30	06/26/13 17:15	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-58359-1

Client Sample ID: SB-732 20'

Lab Sample ID: 500-58359-1

Date Collected: 06/13/13 09:30

Matrix: Solid

Date Received: 06/22/13 09:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<11		69	11	ug/Kg		06/13/13 09:30	06/26/13 17:15	50
Styrene	<6.8		69	6.8	ug/Kg		06/13/13 09:30	06/26/13 17:15	50
tert-Butylbenzene	<9.3		69	9.3	ug/Kg		06/13/13 09:30	06/26/13 17:15	50
Tetrachloroethene	<11		69	11	ug/Kg		06/13/13 09:30	06/26/13 17:15	50
Toluene	69		17	7.9	ug/Kg		06/13/13 09:30	06/26/13 17:15	50
trans-1,2-Dichloroethene	<17		69	17	ug/Kg		06/13/13 09:30	06/26/13 17:15	50
trans-1,3-Dichloropropene	<14		69	14	ug/Kg		06/13/13 09:30	06/26/13 17:15	50
Trichloroethene	<13		34	13	ug/Kg		06/13/13 09:30	06/26/13 17:15	50
Trichlorofluoromethane	<29		140	29	ug/Kg		06/13/13 09:30	06/26/13 17:15	50
Vinyl chloride	<7.1		17	7.1	ug/Kg		06/13/13 09:30	06/26/13 17:15	50
Xylenes, Total	150		34	4.7	ug/Kg		06/13/13 09:30	06/26/13 17:15	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		75 - 125				06/13/13 09:30	06/26/13 17:15	50
4-Bromofluorobenzene (Surr)	88		75 - 120				06/13/13 09:30	06/26/13 17:15	50
Dibromofluoromethane	83		75 - 120				06/13/13 09:30	06/26/13 17:15	50
Toluene-d8 (Surr)	100		75 - 120				06/13/13 09:30	06/26/13 17:15	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	130		36	18	ug/Kg	☼	06/26/13 07:09	07/09/13 01:34	1
2-Methylnaphthalene	250		180	47	ug/Kg	☼	06/26/13 07:09	07/09/13 01:34	1
Acenaphthene	480		36	11	ug/Kg	☼	06/26/13 07:09	07/09/13 01:34	1
Acenaphthylene	26	J	36	8.4	ug/Kg	☼	06/26/13 07:09	07/09/13 01:34	1
Anthracene	530		36	8.6	ug/Kg	☼	06/26/13 07:09	07/09/13 01:34	1
Dibenz(a,h)anthracene	810		36	10	ug/Kg	☼	06/26/13 07:09	07/09/13 01:34	1
Fluorene	240		36	8.3	ug/Kg	☼	06/26/13 07:09	07/09/13 01:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	49		30 - 119				06/26/13 07:09	07/09/13 01:34	1
Nitrobenzene-d5 (Surr)	22	X	30 - 115				06/26/13 07:09	07/09/13 01:34	1
Terphenyl-d14 (Surr)	43		36 - 134				06/26/13 07:09	07/09/13 01:34	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	2600		180	38	ug/Kg	☼	06/26/13 07:09	07/09/13 01:52	5
Benzo[a]pyrene	2900		180	33	ug/Kg	☼	06/26/13 07:09	07/09/13 01:52	5
Benzo[b]fluoranthene	4500		180	35	ug/Kg	☼	06/26/13 07:09	07/09/13 01:52	5
Benzo[g,h,i]perylene	1900		180	62	ug/Kg	☼	06/26/13 07:09	07/09/13 01:52	5
Benzo[k]fluoranthene	1400		180	44	ug/Kg	☼	06/26/13 07:09	07/09/13 01:52	5
Chrysene	3000		180	41	ug/Kg	☼	06/26/13 07:09	07/09/13 01:52	5
Fluoranthene	5600		180	75	ug/Kg	☼	06/26/13 07:09	07/09/13 01:52	5
Indeno[1,2,3-cd]pyrene	1400		180	62	ug/Kg	☼	06/26/13 07:09	07/09/13 01:52	5
Phenanthrene	3400		180	76	ug/Kg	☼	06/26/13 07:09	07/09/13 01:52	5
Pyrene	5300		180	66	ug/Kg	☼	06/26/13 07:09	07/09/13 01:52	5

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - DL2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	16000		360	70	ug/Kg	☼	06/26/13 07:09	07/09/13 12:29	10

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-58359-1

Client Sample ID: SB-733 20'

Lab Sample ID: 500-58359-2

Date Collected: 06/13/13 10:00

Matrix: Solid

Date Received: 06/22/13 09:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<25		140	25	ug/Kg		06/13/13 10:00	06/26/13 17:42	50
1,1,1-Trichloroethane	<14		71	14	ug/Kg		06/13/13 10:00	06/26/13 17:42	50
1,1,2,2-Tetrachloroethane	<17		71	17	ug/Kg		06/13/13 10:00	06/26/13 17:42	50
1,1,2-Trichloroethane	<20		71	20	ug/Kg		06/13/13 10:00	06/26/13 17:42	50
1,1-Dichloroethane	<13		71	13	ug/Kg		06/13/13 10:00	06/26/13 17:42	50
1,1-Dichloroethene	<22		71	22	ug/Kg		06/13/13 10:00	06/26/13 17:42	50
1,1-Dichloropropene	<24		71	24	ug/Kg		06/13/13 10:00	06/26/13 17:42	50
1,2,3-Trichlorobenzene	<25		140	25	ug/Kg		06/13/13 10:00	06/26/13 17:42	50
1,2,3-Trichloropropane	<41		140	41	ug/Kg		06/13/13 10:00	06/26/13 17:42	50
1,2,4-Trichlorobenzene	<27		140	27	ug/Kg		06/13/13 10:00	06/26/13 17:42	50
1,2,4-Trimethylbenzene	<15		140	15	ug/Kg		06/13/13 10:00	06/26/13 17:42	50
1,2-Dibromo-3-Chloropropane	<62		140	62	ug/Kg		06/13/13 10:00	06/26/13 17:42	50
1,2-Dibromoethane	<22		140	22	ug/Kg		06/13/13 10:00	06/26/13 17:42	50
1,2-Dichlorobenzene	<15		140	15	ug/Kg		06/13/13 10:00	06/26/13 17:42	50
1,2-Dichloroethane	<20		71	20	ug/Kg		06/13/13 10:00	06/26/13 17:42	50
1,2-Dichloropropane	<14		71	14	ug/Kg		06/13/13 10:00	06/26/13 17:42	50
1,3,5-Trimethylbenzene	<15		140	15	ug/Kg		06/13/13 10:00	06/26/13 17:42	50
1,3-Dichlorobenzene	<18		140	18	ug/Kg		06/13/13 10:00	06/26/13 17:42	50
1,3-Dichloropropane	<9.5		71	9.5	ug/Kg		06/13/13 10:00	06/26/13 17:42	50
1,4-Dichlorobenzene	<12		140	12	ug/Kg		06/13/13 10:00	06/26/13 17:42	50
2,2-Dichloropropane	<22		71	22	ug/Kg		06/13/13 10:00	06/26/13 17:42	50
2-Chlorotoluene	<15		71	15	ug/Kg		06/13/13 10:00	06/26/13 17:42	50
4-Chlorotoluene	<14		71	14	ug/Kg		06/13/13 10:00	06/26/13 17:42	50
Benzene	<5.3		18	5.3	ug/Kg		06/13/13 10:00	06/26/13 17:42	50
Bromobenzene	<30		140	30	ug/Kg		06/13/13 10:00	06/26/13 17:42	50
Bromochloromethane	<27		140	27	ug/Kg		06/13/13 10:00	06/26/13 17:42	50
Bromodichloromethane	<24		140	24	ug/Kg		06/13/13 10:00	06/26/13 17:42	50
Bromoform	<31		140	31	ug/Kg		06/13/13 10:00	06/26/13 17:42	50
Bromomethane	<49		140	49	ug/Kg		06/13/13 10:00	06/26/13 17:42	50
Carbon tetrachloride	<18		71	18	ug/Kg		06/13/13 10:00	06/26/13 17:42	50
Chlorobenzene	<10		71	10	ug/Kg		06/13/13 10:00	06/26/13 17:42	50
Chloroethane	<31		140	31	ug/Kg		06/13/13 10:00	06/26/13 17:42	50
Chloroform	<15		71	15	ug/Kg		06/13/13 10:00	06/26/13 17:42	50
Chloromethane	<33		140	33	ug/Kg		06/13/13 10:00	06/26/13 17:42	50
cis-1,2-Dichloroethene	<8.8		71	8.8	ug/Kg		06/13/13 10:00	06/26/13 17:42	50
cis-1,3-Dichloropropene	<13		71	13	ug/Kg		06/13/13 10:00	06/26/13 17:42	50
Dibromochloromethane	<25		140	25	ug/Kg		06/13/13 10:00	06/26/13 17:42	50
Dibromomethane	<34		140	34	ug/Kg		06/13/13 10:00	06/26/13 17:42	50
Dichlorodifluoromethane	<37		140	37	ug/Kg		06/13/13 10:00	06/26/13 17:42	50
Ethylbenzene	<9.0		18	9.0	ug/Kg		06/13/13 10:00	06/26/13 17:42	50
Hexachlorobutadiene	<25		140	25	ug/Kg		06/13/13 10:00	06/26/13 17:42	50
Isopropyl ether	<10		140	10	ug/Kg		06/13/13 10:00	06/26/13 17:42	50
Isopropylbenzene	<18		140	18	ug/Kg		06/13/13 10:00	06/26/13 17:42	50
Methyl tert-butyl ether	<31		140	31	ug/Kg		06/13/13 10:00	06/26/13 17:42	50
Methylene Chloride	<49		360	49	ug/Kg		06/13/13 10:00	06/26/13 17:42	50
Naphthalene	<35		140	35	ug/Kg		06/13/13 10:00	06/26/13 17:42	50
n-Butylbenzene	<9.2		71	9.2	ug/Kg		06/13/13 10:00	06/26/13 17:42	50
N-Propylbenzene	<12		140	12	ug/Kg		06/13/13 10:00	06/26/13 17:42	50
p-Isopropyltoluene	<13		140	13	ug/Kg		06/13/13 10:00	06/26/13 17:42	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-58359-1

Client Sample ID: SB-733 20'

Lab Sample ID: 500-58359-2

Date Collected: 06/13/13 10:00

Matrix: Solid

Date Received: 06/22/13 09:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<11		71	11	ug/Kg		06/13/13 10:00	06/26/13 17:42	50
Styrene	<7.0		71	7.0	ug/Kg		06/13/13 10:00	06/26/13 17:42	50
tert-Butylbenzene	<9.7		71	9.7	ug/Kg		06/13/13 10:00	06/26/13 17:42	50
Tetrachloroethene	<12		71	12	ug/Kg		06/13/13 10:00	06/26/13 17:42	50
Toluene	<8.2		18	8.2	ug/Kg		06/13/13 10:00	06/26/13 17:42	50
trans-1,2-Dichloroethene	<18		71	18	ug/Kg		06/13/13 10:00	06/26/13 17:42	50
trans-1,3-Dichloropropene	<15		71	15	ug/Kg		06/13/13 10:00	06/26/13 17:42	50
Trichloroethene	<13		36	13	ug/Kg		06/13/13 10:00	06/26/13 17:42	50
Trichlorofluoromethane	<30		140	30	ug/Kg		06/13/13 10:00	06/26/13 17:42	50
Vinyl chloride	<7.4		18	7.4	ug/Kg		06/13/13 10:00	06/26/13 17:42	50
Xylenes, Total	<4.9		36	4.9	ug/Kg		06/13/13 10:00	06/26/13 17:42	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		75 - 125				06/13/13 10:00	06/26/13 17:42	50
4-Bromofluorobenzene (Surr)	94		75 - 120				06/13/13 10:00	06/26/13 17:42	50
Dibromofluoromethane	85		75 - 120				06/13/13 10:00	06/26/13 17:42	50
Toluene-d8 (Surr)	103		75 - 120				06/13/13 10:00	06/26/13 17:42	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<18		35	18	ug/Kg	☼	06/26/13 07:09	07/09/13 02:09	1
2-Methylnaphthalene	<46		180	46	ug/Kg	☼	06/26/13 07:09	07/09/13 02:09	1
Acenaphthene	<11		35	11	ug/Kg	☼	06/26/13 07:09	07/09/13 02:09	1
Acenaphthylene	<8.1		35	8.1	ug/Kg	☼	06/26/13 07:09	07/09/13 02:09	1
Anthracene	<8.3		35	8.3	ug/Kg	☼	06/26/13 07:09	07/09/13 02:09	1
Benzo[a]anthracene	<7.4		35	7.4	ug/Kg	☼	06/26/13 07:09	07/09/13 02:09	1
Benzo[a]pyrene	<6.5		35	6.5	ug/Kg	☼	06/26/13 07:09	07/09/13 02:09	1
Benzo[b]fluoranthene	<6.9		35	6.9	ug/Kg	☼	06/26/13 07:09	07/09/13 02:09	1
Benzo[g,h,i]perylene	<12		35	12	ug/Kg	☼	06/26/13 07:09	07/09/13 02:09	1
Benzo[k]fluoranthene	<8.4		35	8.4	ug/Kg	☼	06/26/13 07:09	07/09/13 02:09	1
Chrysene	12 J		35	8.0	ug/Kg	☼	06/26/13 07:09	07/09/13 02:09	1
Dibenz(a,h)anthracene	<9.9		35	9.9	ug/Kg	☼	06/26/13 07:09	07/09/13 02:09	1
Fluoranthene	<15		35	15	ug/Kg	☼	06/26/13 07:09	07/09/13 02:09	1
Fluorene	16 J		35	8.1	ug/Kg	☼	06/26/13 07:09	07/09/13 02:09	1
Indeno[1,2,3-cd]pyrene	<12		35	12	ug/Kg	☼	06/26/13 07:09	07/09/13 02:09	1
Naphthalene	7.7 J		35	6.8	ug/Kg	☼	06/26/13 07:09	07/09/13 02:09	1
Phenanthrene	<15		35	15	ug/Kg	☼	06/26/13 07:09	07/09/13 02:09	1
Pyrene	<13		35	13	ug/Kg	☼	06/26/13 07:09	07/09/13 02:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	54		30 - 119				06/26/13 07:09	07/09/13 02:09	1
Nitrobenzene-d5 (Surr)	43		30 - 115				06/26/13 07:09	07/09/13 02:09	1
Terphenyl-d14 (Surr)	80		36 - 134				06/26/13 07:09	07/09/13 02:09	1

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-58359-1

Client Sample ID: SB-734 20'

Lab Sample ID: 500-58359-3

Date Collected: 06/13/13 11:30

Matrix: Solid

Date Received: 06/22/13 09:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<23		130	23	ug/Kg		06/13/13 11:30	06/26/13 18:08	50
1,1,1-Trichloroethane	<13		66	13	ug/Kg		06/13/13 11:30	06/26/13 18:08	50
1,1,1,2,2-Tetrachloroethane	<15		66	15	ug/Kg		06/13/13 11:30	06/26/13 18:08	50
1,1,1,2-Trichloroethane	<18		66	18	ug/Kg		06/13/13 11:30	06/26/13 18:08	50
1,1-Dichloroethane	<12		66	12	ug/Kg		06/13/13 11:30	06/26/13 18:08	50
1,1-Dichloroethene	<20		66	20	ug/Kg		06/13/13 11:30	06/26/13 18:08	50
1,1-Dichloropropene	<23		66	23	ug/Kg		06/13/13 11:30	06/26/13 18:08	50
1,2,3-Trichlorobenzene	<23		130	23	ug/Kg		06/13/13 11:30	06/26/13 18:08	50
1,2,3-Trichloropropane	<38		130	38	ug/Kg		06/13/13 11:30	06/26/13 18:08	50
1,2,4-Trichlorobenzene	<25		130	25	ug/Kg		06/13/13 11:30	06/26/13 18:08	50
1,2,4-Trimethylbenzene	<14		130	14	ug/Kg		06/13/13 11:30	06/26/13 18:08	50
1,2-Dibromo-3-Chloropropane	<58		130	58	ug/Kg		06/13/13 11:30	06/26/13 18:08	50
1,2-Dibromoethane	<21		130	21	ug/Kg		06/13/13 11:30	06/26/13 18:08	50
1,2-Dichlorobenzene	<14		130	14	ug/Kg		06/13/13 11:30	06/26/13 18:08	50
1,2-Dichloroethane	<19		66	19	ug/Kg		06/13/13 11:30	06/26/13 18:08	50
1,2-Dichloropropane	<13		66	13	ug/Kg		06/13/13 11:30	06/26/13 18:08	50
1,3,5-Trimethylbenzene	<14		130	14	ug/Kg		06/13/13 11:30	06/26/13 18:08	50
1,3-Dichlorobenzene	<17		130	17	ug/Kg		06/13/13 11:30	06/26/13 18:08	50
1,3-Dichloropropane	<8.9		66	8.9	ug/Kg		06/13/13 11:30	06/26/13 18:08	50
1,4-Dichlorobenzene	<12		130	12	ug/Kg		06/13/13 11:30	06/26/13 18:08	50
2,2-Dichloropropane	<21		66	21	ug/Kg		06/13/13 11:30	06/26/13 18:08	50
2-Chlorotoluene	<14		66	14	ug/Kg		06/13/13 11:30	06/26/13 18:08	50
4-Chlorotoluene	<13		66	13	ug/Kg		06/13/13 11:30	06/26/13 18:08	50
Benzene	<4.9		17	4.9	ug/Kg		06/13/13 11:30	06/26/13 18:08	50
Bromobenzene	<28		130	28	ug/Kg		06/13/13 11:30	06/26/13 18:08	50
Bromochloromethane	<25		130	25	ug/Kg		06/13/13 11:30	06/26/13 18:08	50
Bromodichloromethane	<22		130	22	ug/Kg		06/13/13 11:30	06/26/13 18:08	50
Bromoform	<29		130	29	ug/Kg		06/13/13 11:30	06/26/13 18:08	50
Bromomethane	<45		130	45	ug/Kg		06/13/13 11:30	06/26/13 18:08	50
Carbon tetrachloride	<17		66	17	ug/Kg		06/13/13 11:30	06/26/13 18:08	50
Chlorobenzene	<9.5		66	9.5	ug/Kg		06/13/13 11:30	06/26/13 18:08	50
Chloroethane	<29		130	29	ug/Kg		06/13/13 11:30	06/26/13 18:08	50
Chloroform	<14		66	14	ug/Kg		06/13/13 11:30	06/26/13 18:08	50
Chloromethane	<31		130	31	ug/Kg		06/13/13 11:30	06/26/13 18:08	50
cis-1,2-Dichloroethene	<8.1		66	8.1	ug/Kg		06/13/13 11:30	06/26/13 18:08	50
cis-1,3-Dichloropropene	<12		66	12	ug/Kg		06/13/13 11:30	06/26/13 18:08	50
Dibromochloromethane	<23		130	23	ug/Kg		06/13/13 11:30	06/26/13 18:08	50
Dibromomethane	<32		130	32	ug/Kg		06/13/13 11:30	06/26/13 18:08	50
Dichlorodifluoromethane	<34		130	34	ug/Kg		06/13/13 11:30	06/26/13 18:08	50
Ethylbenzene	<8.3		17	8.3	ug/Kg		06/13/13 11:30	06/26/13 18:08	50
Hexachlorobutadiene	<23		130	23	ug/Kg		06/13/13 11:30	06/26/13 18:08	50
Isopropyl ether	<9.7		130	9.7	ug/Kg		06/13/13 11:30	06/26/13 18:08	50
Isopropylbenzene	<17		130	17	ug/Kg		06/13/13 11:30	06/26/13 18:08	50
Methyl tert-butyl ether	<28		130	28	ug/Kg		06/13/13 11:30	06/26/13 18:08	50
Methylene Chloride	<45		330	45	ug/Kg		06/13/13 11:30	06/26/13 18:08	50
Naphthalene	1100		130	33	ug/Kg		06/13/13 11:30	06/26/13 18:08	50
n-Butylbenzene	<8.5		66	8.5	ug/Kg		06/13/13 11:30	06/26/13 18:08	50
N-Propylbenzene	<12		130	12	ug/Kg		06/13/13 11:30	06/26/13 18:08	50
p-Isopropyltoluene	<12		130	12	ug/Kg		06/13/13 11:30	06/26/13 18:08	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-58359-1

Client Sample ID: SB-734 20'

Lab Sample ID: 500-58359-3

Date Collected: 06/13/13 11:30

Matrix: Solid

Date Received: 06/22/13 09:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<10		66	10	ug/Kg		06/13/13 11:30	06/26/13 18:08	50
Styrene	<6.5		66	6.5	ug/Kg		06/13/13 11:30	06/26/13 18:08	50
tert-Butylbenzene	<9.0		66	9.0	ug/Kg		06/13/13 11:30	06/26/13 18:08	50
Tetrachloroethene	<11		66	11	ug/Kg		06/13/13 11:30	06/26/13 18:08	50
Toluene	<7.6		17	7.6	ug/Kg		06/13/13 11:30	06/26/13 18:08	50
trans-1,2-Dichloroethene	<17		66	17	ug/Kg		06/13/13 11:30	06/26/13 18:08	50
trans-1,3-Dichloropropene	<14		66	14	ug/Kg		06/13/13 11:30	06/26/13 18:08	50
Trichloroethene	<12		33	12	ug/Kg		06/13/13 11:30	06/26/13 18:08	50
Trichlorofluoromethane	<27		130	27	ug/Kg		06/13/13 11:30	06/26/13 18:08	50
Vinyl chloride	<6.9		17	6.9	ug/Kg		06/13/13 11:30	06/26/13 18:08	50
Xylenes, Total	<4.5		33	4.5	ug/Kg		06/13/13 11:30	06/26/13 18:08	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		75 - 125				06/13/13 11:30	06/26/13 18:08	50
4-Bromofluorobenzene (Surr)	89		75 - 120				06/13/13 11:30	06/26/13 18:08	50
Dibromofluoromethane	83		75 - 120				06/13/13 11:30	06/26/13 18:08	50
Toluene-d8 (Surr)	98		75 - 120				06/13/13 11:30	06/26/13 18:08	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	52		37	18	ug/Kg	☼	06/26/13 07:09	07/09/13 02:26	1
2-Methylnaphthalene	91	J	190	48	ug/Kg	☼	06/26/13 07:09	07/09/13 02:26	1
Acenaphthene	96		37	11	ug/Kg	☼	06/26/13 07:09	07/09/13 02:26	1
Acenaphthylene	26	J	37	8.5	ug/Kg	☼	06/26/13 07:09	07/09/13 02:26	1
Anthracene	220		37	8.7	ug/Kg	☼	06/26/13 07:09	07/09/13 02:26	1
Benzo[a]anthracene	520		37	7.8	ug/Kg	☼	06/26/13 07:09	07/09/13 02:26	1
Benzo[a]pyrene	600		37	6.8	ug/Kg	☼	06/26/13 07:09	07/09/13 02:26	1
Benzo[b]fluoranthene	800		37	7.2	ug/Kg	☼	06/26/13 07:09	07/09/13 02:26	1
Benzo[g,h,i]perylene	360		37	12	ug/Kg	☼	06/26/13 07:09	07/09/13 02:26	1
Benzo[k]fluoranthene	360		37	8.8	ug/Kg	☼	06/26/13 07:09	07/09/13 02:26	1
Chrysene	650		37	8.4	ug/Kg	☼	06/26/13 07:09	07/09/13 02:26	1
Dibenz(a,h)anthracene	130		37	10	ug/Kg	☼	06/26/13 07:09	07/09/13 02:26	1
Fluoranthene	1000		37	15	ug/Kg	☼	06/26/13 07:09	07/09/13 02:26	1
Fluorene	120		37	8.4	ug/Kg	☼	06/26/13 07:09	07/09/13 02:26	1
Indeno[1,2,3-cd]pyrene	290		37	12	ug/Kg	☼	06/26/13 07:09	07/09/13 02:26	1
Naphthalene	760		37	7.1	ug/Kg	☼	06/26/13 07:09	07/09/13 02:26	1
Phenanthrene	710		37	16	ug/Kg	☼	06/26/13 07:09	07/09/13 02:26	1
Pyrene	940		37	13	ug/Kg	☼	06/26/13 07:09	07/09/13 02:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	60		30 - 119				06/26/13 07:09	07/09/13 02:26	1
Nitrobenzene-d5 (Surr)	46		30 - 115				06/26/13 07:09	07/09/13 02:26	1
Terphenyl-d14 (Surr)	78		36 - 134				06/26/13 07:09	07/09/13 02:26	1

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-58359-1

Client Sample ID: SB-735 20'

Lab Sample ID: 500-58359-4

Date Collected: 06/13/13 12:00

Matrix: Solid

Date Received: 06/22/13 09:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<25		140	25	ug/Kg		06/13/13 12:00	06/26/13 18:34	50
1,1,1-Trichloroethane	<14		72	14	ug/Kg		06/13/13 12:00	06/26/13 18:34	50
1,1,2,2-Tetrachloroethane	<17		72	17	ug/Kg		06/13/13 12:00	06/26/13 18:34	50
1,1,2-Trichloroethane	<20		72	20	ug/Kg		06/13/13 12:00	06/26/13 18:34	50
1,1-Dichloroethane	<13		72	13	ug/Kg		06/13/13 12:00	06/26/13 18:34	50
1,1-Dichloroethene	<22		72	22	ug/Kg		06/13/13 12:00	06/26/13 18:34	50
1,1-Dichloropropene	<25		72	25	ug/Kg		06/13/13 12:00	06/26/13 18:34	50
1,2,3-Trichlorobenzene	<25		140	25	ug/Kg		06/13/13 12:00	06/26/13 18:34	50
1,2,3-Trichloropropane	<41		140	41	ug/Kg		06/13/13 12:00	06/26/13 18:34	50
1,2,4-Trichlorobenzene	<27		140	27	ug/Kg		06/13/13 12:00	06/26/13 18:34	50
1,2,4-Trimethylbenzene	<15		140	15	ug/Kg		06/13/13 12:00	06/26/13 18:34	50
1,2-Dibromo-3-Chloropropane	<63		140	63	ug/Kg		06/13/13 12:00	06/26/13 18:34	50
1,2-Dibromoethane	<23		140	23	ug/Kg		06/13/13 12:00	06/26/13 18:34	50
1,2-Dichlorobenzene	<15		140	15	ug/Kg		06/13/13 12:00	06/26/13 18:34	50
1,2-Dichloroethane	<20		72	20	ug/Kg		06/13/13 12:00	06/26/13 18:34	50
1,2-Dichloropropane	<14		72	14	ug/Kg		06/13/13 12:00	06/26/13 18:34	50
1,3,5-Trimethylbenzene	<15		140	15	ug/Kg		06/13/13 12:00	06/26/13 18:34	50
1,3-Dichlorobenzene	<18		140	18	ug/Kg		06/13/13 12:00	06/26/13 18:34	50
1,3-Dichloropropane	<9.6		72	9.6	ug/Kg		06/13/13 12:00	06/26/13 18:34	50
1,4-Dichlorobenzene	<13		140	13	ug/Kg		06/13/13 12:00	06/26/13 18:34	50
2,2-Dichloropropane	<23		72	23	ug/Kg		06/13/13 12:00	06/26/13 18:34	50
2-Chlorotoluene	<15		72	15	ug/Kg		06/13/13 12:00	06/26/13 18:34	50
4-Chlorotoluene	<14		72	14	ug/Kg		06/13/13 12:00	06/26/13 18:34	50
Benzene	<5.3		18	5.3	ug/Kg		06/13/13 12:00	06/26/13 18:34	50
Bromobenzene	<31		140	31	ug/Kg		06/13/13 12:00	06/26/13 18:34	50
Bromochloromethane	<27		140	27	ug/Kg		06/13/13 12:00	06/26/13 18:34	50
Bromodichloromethane	<24		140	24	ug/Kg		06/13/13 12:00	06/26/13 18:34	50
Bromoform	<32		140	32	ug/Kg		06/13/13 12:00	06/26/13 18:34	50
Bromomethane	<49		140	49	ug/Kg		06/13/13 12:00	06/26/13 18:34	50
Carbon tetrachloride	<18		72	18	ug/Kg		06/13/13 12:00	06/26/13 18:34	50
Chlorobenzene	<10		72	10	ug/Kg		06/13/13 12:00	06/26/13 18:34	50
Chloroethane	<31		140	31	ug/Kg		06/13/13 12:00	06/26/13 18:34	50
Chloroform	<15		72	15	ug/Kg		06/13/13 12:00	06/26/13 18:34	50
Chloromethane	<33		140	33	ug/Kg		06/13/13 12:00	06/26/13 18:34	50
cis-1,2-Dichloroethene	<8.8		72	8.8	ug/Kg		06/13/13 12:00	06/26/13 18:34	50
cis-1,3-Dichloropropene	<13		72	13	ug/Kg		06/13/13 12:00	06/26/13 18:34	50
Dibromochloromethane	<25		140	25	ug/Kg		06/13/13 12:00	06/26/13 18:34	50
Dibromomethane	<35		140	35	ug/Kg		06/13/13 12:00	06/26/13 18:34	50
Dichlorodifluoromethane	<37		140	37	ug/Kg		06/13/13 12:00	06/26/13 18:34	50
Ethylbenzene	<9.1		18	9.1	ug/Kg		06/13/13 12:00	06/26/13 18:34	50
Hexachlorobutadiene	<25		140	25	ug/Kg		06/13/13 12:00	06/26/13 18:34	50
Isopropyl ether	<11		140	11	ug/Kg		06/13/13 12:00	06/26/13 18:34	50
Isopropylbenzene	<18		140	18	ug/Kg		06/13/13 12:00	06/26/13 18:34	50
Methyl tert-butyl ether	<31		140	31	ug/Kg		06/13/13 12:00	06/26/13 18:34	50
Methylene Chloride	<49		360	49	ug/Kg		06/13/13 12:00	06/26/13 18:34	50
Naphthalene	83	J	140	36	ug/Kg		06/13/13 12:00	06/26/13 18:34	50
n-Butylbenzene	<9.3		72	9.3	ug/Kg		06/13/13 12:00	06/26/13 18:34	50
N-Propylbenzene	<13		140	13	ug/Kg		06/13/13 12:00	06/26/13 18:34	50
p-Isopropyltoluene	<13		140	13	ug/Kg		06/13/13 12:00	06/26/13 18:34	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-58359-1

Client Sample ID: SB-735 20'

Lab Sample ID: 500-58359-4

Date Collected: 06/13/13 12:00

Matrix: Solid

Date Received: 06/22/13 09:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<11		72	11	ug/Kg		06/13/13 12:00	06/26/13 18:34	50
Styrene	<7.1		72	7.1	ug/Kg		06/13/13 12:00	06/26/13 18:34	50
tert-Butylbenzene	<9.8		72	9.8	ug/Kg		06/13/13 12:00	06/26/13 18:34	50
Tetrachloroethene	<12		72	12	ug/Kg		06/13/13 12:00	06/26/13 18:34	50
Toluene	<8.3		18	8.3	ug/Kg		06/13/13 12:00	06/26/13 18:34	50
trans-1,2-Dichloroethene	<18		72	18	ug/Kg		06/13/13 12:00	06/26/13 18:34	50
trans-1,3-Dichloropropene	<15		72	15	ug/Kg		06/13/13 12:00	06/26/13 18:34	50
Trichloroethene	<13		36	13	ug/Kg		06/13/13 12:00	06/26/13 18:34	50
Trichlorofluoromethane	<30		140	30	ug/Kg		06/13/13 12:00	06/26/13 18:34	50
Vinyl chloride	<7.5		18	7.5	ug/Kg		06/13/13 12:00	06/26/13 18:34	50
Xylenes, Total	<4.9		36	4.9	ug/Kg		06/13/13 12:00	06/26/13 18:34	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		75 - 125				06/13/13 12:00	06/26/13 18:34	50
4-Bromofluorobenzene (Surr)	95		75 - 120				06/13/13 12:00	06/26/13 18:34	50
Dibromofluoromethane	85		75 - 120				06/13/13 12:00	06/26/13 18:34	50
Toluene-d8 (Surr)	100		75 - 120				06/13/13 12:00	06/26/13 18:34	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<18		36	18	ug/Kg	☼	06/26/13 07:09	07/09/13 02:44	1
2-Methylnaphthalene	<47		180	47	ug/Kg	☼	06/26/13 07:09	07/09/13 02:44	1
Acenaphthene	<11		36	11	ug/Kg	☼	06/26/13 07:09	07/09/13 02:44	1
Acenaphthylene	<8.4		36	8.4	ug/Kg	☼	06/26/13 07:09	07/09/13 02:44	1
Anthracene	<8.6		36	8.6	ug/Kg	☼	06/26/13 07:09	07/09/13 02:44	1
Benzo[a]anthracene	8.1	J	36	7.6	ug/Kg	☼	06/26/13 07:09	07/09/13 02:44	1
Benzo[a]pyrene	<6.6		36	6.6	ug/Kg	☼	06/26/13 07:09	07/09/13 02:44	1
Benzo[b]fluoranthene	9.6	J	36	7.1	ug/Kg	☼	06/26/13 07:09	07/09/13 02:44	1
Benzo[g,h,i]perylene	<12		36	12	ug/Kg	☼	06/26/13 07:09	07/09/13 02:44	1
Benzo[k]fluoranthene	<8.7		36	8.7	ug/Kg	☼	06/26/13 07:09	07/09/13 02:44	1
Chrysene	15	J	36	8.2	ug/Kg	☼	06/26/13 07:09	07/09/13 02:44	1
Dibenz(a,h)anthracene	<10		36	10	ug/Kg	☼	06/26/13 07:09	07/09/13 02:44	1
Fluoranthene	19	J	36	15	ug/Kg	☼	06/26/13 07:09	07/09/13 02:44	1
Fluorene	22	J	36	8.3	ug/Kg	☼	06/26/13 07:09	07/09/13 02:44	1
Indeno[1,2,3-cd]pyrene	<12		36	12	ug/Kg	☼	06/26/13 07:09	07/09/13 02:44	1
Naphthalene	16	J	36	7.0	ug/Kg	☼	06/26/13 07:09	07/09/13 02:44	1
Phenanthrene	42		36	15	ug/Kg	☼	06/26/13 07:09	07/09/13 02:44	1
Pyrene	22	J	36	13	ug/Kg	☼	06/26/13 07:09	07/09/13 02:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	53		30 - 119				06/26/13 07:09	07/09/13 02:44	1
Nitrobenzene-d5 (Surr)	38		30 - 115				06/26/13 07:09	07/09/13 02:44	1
Terphenyl-d14 (Surr)	94		36 - 134				06/26/13 07:09	07/09/13 02:44	1

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-58359-1

Client Sample ID: SB-736 20'

Lab Sample ID: 500-58359-5

Date Collected: 06/13/13 13:30

Matrix: Solid

Date Received: 06/22/13 09:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<27		160	27	ug/Kg		06/13/13 13:30	06/26/13 19:01	50
1,1,1-Trichloroethane	<16		78	16	ug/Kg		06/13/13 13:30	06/26/13 19:01	50
1,1,2,2-Tetrachloroethane	<18		78	18	ug/Kg		06/13/13 13:30	06/26/13 19:01	50
1,1,2-Trichloroethane	<22		78	22	ug/Kg		06/13/13 13:30	06/26/13 19:01	50
1,1-Dichloroethane	<14		78	14	ug/Kg		06/13/13 13:30	06/26/13 19:01	50
1,1-Dichloroethene	<24		78	24	ug/Kg		06/13/13 13:30	06/26/13 19:01	50
1,1-Dichloropropene	<27		78	27	ug/Kg		06/13/13 13:30	06/26/13 19:01	50
1,2,3-Trichlorobenzene	<27		160	27	ug/Kg		06/13/13 13:30	06/26/13 19:01	50
1,2,3-Trichloropropane	<45		160	45	ug/Kg		06/13/13 13:30	06/26/13 19:01	50
1,2,4-Trichlorobenzene	<30		160	30	ug/Kg		06/13/13 13:30	06/26/13 19:01	50
1,2,4-Trimethylbenzene	<16		160	16	ug/Kg		06/13/13 13:30	06/26/13 19:01	50
1,2-Dibromo-3-Chloropropane	<68		160	68	ug/Kg		06/13/13 13:30	06/26/13 19:01	50
1,2-Dibromoethane	<25		160	25	ug/Kg		06/13/13 13:30	06/26/13 19:01	50
1,2-Dichlorobenzene	<16		160	16	ug/Kg		06/13/13 13:30	06/26/13 19:01	50
1,2-Dichloroethane	<22		78	22	ug/Kg		06/13/13 13:30	06/26/13 19:01	50
1,2-Dichloropropane	<15		78	15	ug/Kg		06/13/13 13:30	06/26/13 19:01	50
1,3,5-Trimethylbenzene	<16		160	16	ug/Kg		06/13/13 13:30	06/26/13 19:01	50
1,3-Dichlorobenzene	<20		160	20	ug/Kg		06/13/13 13:30	06/26/13 19:01	50
1,3-Dichloropropane	<10		78	10	ug/Kg		06/13/13 13:30	06/26/13 19:01	50
1,4-Dichlorobenzene	<14		160	14	ug/Kg		06/13/13 13:30	06/26/13 19:01	50
2,2-Dichloropropane	<25		78	25	ug/Kg		06/13/13 13:30	06/26/13 19:01	50
2-Chlorotoluene	<16		78	16	ug/Kg		06/13/13 13:30	06/26/13 19:01	50
4-Chlorotoluene	<15		78	15	ug/Kg		06/13/13 13:30	06/26/13 19:01	50
Benzene	820		20	5.8	ug/Kg		06/13/13 13:30	06/26/13 19:01	50
Bromobenzene	<33		160	33	ug/Kg		06/13/13 13:30	06/26/13 19:01	50
Bromochloromethane	<30		160	30	ug/Kg		06/13/13 13:30	06/26/13 19:01	50
Bromodichloromethane	<26		160	26	ug/Kg		06/13/13 13:30	06/26/13 19:01	50
Bromoform	<34		160	34	ug/Kg		06/13/13 13:30	06/26/13 19:01	50
Bromomethane	<53		160	53	ug/Kg		06/13/13 13:30	06/26/13 19:01	50
Carbon tetrachloride	<20		78	20	ug/Kg		06/13/13 13:30	06/26/13 19:01	50
Chlorobenzene	<11		78	11	ug/Kg		06/13/13 13:30	06/26/13 19:01	50
Chloroethane	<34		160	34	ug/Kg		06/13/13 13:30	06/26/13 19:01	50
Chloroform	<16		78	16	ug/Kg		06/13/13 13:30	06/26/13 19:01	50
Chloromethane	<36		160	36	ug/Kg		06/13/13 13:30	06/26/13 19:01	50
cis-1,2-Dichloroethene	<9.6		78	9.6	ug/Kg		06/13/13 13:30	06/26/13 19:01	50
cis-1,3-Dichloropropene	<14		78	14	ug/Kg		06/13/13 13:30	06/26/13 19:01	50
Dibromochloromethane	<27		160	27	ug/Kg		06/13/13 13:30	06/26/13 19:01	50
Dibromomethane	<38		160	38	ug/Kg		06/13/13 13:30	06/26/13 19:01	50
Dichlorodifluoromethane	<40		160	40	ug/Kg		06/13/13 13:30	06/26/13 19:01	50
Ethylbenzene	520		20	9.8	ug/Kg		06/13/13 13:30	06/26/13 19:01	50
Hexachlorobutadiene	<27		160	27	ug/Kg		06/13/13 13:30	06/26/13 19:01	50
Isopropyl ether	<11		160	11	ug/Kg		06/13/13 13:30	06/26/13 19:01	50
Isopropylbenzene	<20		160	20	ug/Kg		06/13/13 13:30	06/26/13 19:01	50
Methyl tert-butyl ether	<34		160	34	ug/Kg		06/13/13 13:30	06/26/13 19:01	50
Methylene Chloride	<53		390	53	ug/Kg		06/13/13 13:30	06/26/13 19:01	50
Naphthalene	890		160	39	ug/Kg		06/13/13 13:30	06/26/13 19:01	50
n-Butylbenzene	<10		78	10	ug/Kg		06/13/13 13:30	06/26/13 19:01	50
N-Propylbenzene	<14		160	14	ug/Kg		06/13/13 13:30	06/26/13 19:01	50
p-Isopropyltoluene	<14		160	14	ug/Kg		06/13/13 13:30	06/26/13 19:01	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-58359-1

Client Sample ID: SB-736 20'

Lab Sample ID: 500-58359-5

Date Collected: 06/13/13 13:30

Matrix: Solid

Date Received: 06/22/13 09:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<12		78	12	ug/Kg		06/13/13 13:30	06/26/13 19:01	50
Styrene	220		78	7.7	ug/Kg		06/13/13 13:30	06/26/13 19:01	50
tert-Butylbenzene	<11		78	11	ug/Kg		06/13/13 13:30	06/26/13 19:01	50
Tetrachloroethene	<13		78	13	ug/Kg		06/13/13 13:30	06/26/13 19:01	50
Toluene	470		20	9.0	ug/Kg		06/13/13 13:30	06/26/13 19:01	50
trans-1,2-Dichloroethene	<20		78	20	ug/Kg		06/13/13 13:30	06/26/13 19:01	50
trans-1,3-Dichloropropene	<16		78	16	ug/Kg		06/13/13 13:30	06/26/13 19:01	50
Trichloroethene	<15		39	15	ug/Kg		06/13/13 13:30	06/26/13 19:01	50
Trichlorofluoromethane	<32		160	32	ug/Kg		06/13/13 13:30	06/26/13 19:01	50
Vinyl chloride	<8.1		20	8.1	ug/Kg		06/13/13 13:30	06/26/13 19:01	50
Xylenes, Total	1300		39	5.3	ug/Kg		06/13/13 13:30	06/26/13 19:01	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		75 - 125				06/13/13 13:30	06/26/13 19:01	50
4-Bromofluorobenzene (Surr)	91		75 - 120				06/13/13 13:30	06/26/13 19:01	50
Dibromofluoromethane	82		75 - 120				06/13/13 13:30	06/26/13 19:01	50
Toluene-d8 (Surr)	101		75 - 120				06/13/13 13:30	06/26/13 19:01	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	86		36	18	ug/Kg	☼	06/26/13 07:09	07/09/13 03:01	1
2-Methylnaphthalene	180		180	47	ug/Kg	☼	06/26/13 07:09	07/09/13 03:01	1
Acenaphthene	100		36	11	ug/Kg	☼	06/26/13 07:09	07/09/13 03:01	1
Acenaphthylene	48		36	8.4	ug/Kg	☼	06/26/13 07:09	07/09/13 03:01	1
Anthracene	110		36	8.6	ug/Kg	☼	06/26/13 07:09	07/09/13 03:01	1
Benzo[a]anthracene	38		36	7.7	ug/Kg	☼	06/26/13 07:09	07/09/13 03:01	1
Benzo[a]pyrene	22 J		36	6.7	ug/Kg	☼	06/26/13 07:09	07/09/13 03:01	1
Benzo[b]fluoranthene	29 J		36	7.1	ug/Kg	☼	06/26/13 07:09	07/09/13 03:01	1
Benzo[g,h,i]perylene	15 J		36	12	ug/Kg	☼	06/26/13 07:09	07/09/13 03:01	1
Benzo[k]fluoranthene	12 J		36	8.7	ug/Kg	☼	06/26/13 07:09	07/09/13 03:01	1
Chrysene	100		36	8.3	ug/Kg	☼	06/26/13 07:09	07/09/13 03:01	1
Dibenz(a,h)anthracene	<10		36	10	ug/Kg	☼	06/26/13 07:09	07/09/13 03:01	1
Fluoranthene	100		36	15	ug/Kg	☼	06/26/13 07:09	07/09/13 03:01	1
Fluorene	100		36	8.3	ug/Kg	☼	06/26/13 07:09	07/09/13 03:01	1
Indeno[1,2,3-cd]pyrene	<12		36	12	ug/Kg	☼	06/26/13 07:09	07/09/13 03:01	1
Phenanthrene	360		36	15	ug/Kg	☼	06/26/13 07:09	07/09/13 03:01	1
Pyrene	100		36	13	ug/Kg	☼	06/26/13 07:09	07/09/13 03:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	52		30 - 119				06/26/13 07:09	07/09/13 03:01	1
Nitrobenzene-d5 (Surr)	33		30 - 115				06/26/13 07:09	07/09/13 03:01	1
Terphenyl-d14 (Surr)	86		36 - 134				06/26/13 07:09	07/09/13 03:01	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	2800		360	71	ug/Kg	☼	06/26/13 07:09	07/09/13 12:47	10

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-58359-1

Client Sample ID: SB-725 A1 20'

Lab Sample ID: 500-58359-6

Date Collected: 06/14/13 08:20

Matrix: Solid

Date Received: 06/22/13 09:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<23		130	23	ug/Kg		06/14/13 08:20	06/26/13 19:27	50
1,1,1-Trichloroethane	<13		67	13	ug/Kg		06/14/13 08:20	06/26/13 19:27	50
1,1,2,2-Tetrachloroethane	<16		67	16	ug/Kg		06/14/13 08:20	06/26/13 19:27	50
1,1,2-Trichloroethane	<19		67	19	ug/Kg		06/14/13 08:20	06/26/13 19:27	50
1,1-Dichloroethane	<12		67	12	ug/Kg		06/14/13 08:20	06/26/13 19:27	50
1,1-Dichloroethene	<20		67	20	ug/Kg		06/14/13 08:20	06/26/13 19:27	50
1,1-Dichloropropene	<23		67	23	ug/Kg		06/14/13 08:20	06/26/13 19:27	50
1,2,3-Trichlorobenzene	<23		130	23	ug/Kg		06/14/13 08:20	06/26/13 19:27	50
1,2,3-Trichloropropane	<38		130	38	ug/Kg		06/14/13 08:20	06/26/13 19:27	50
1,2,4-Trichlorobenzene	<25		130	25	ug/Kg		06/14/13 08:20	06/26/13 19:27	50
1,2,4-Trimethylbenzene	<14		130	14	ug/Kg		06/14/13 08:20	06/26/13 19:27	50
1,2-Dibromo-3-Chloropropane	<58		130	58	ug/Kg		06/14/13 08:20	06/26/13 19:27	50
1,2-Dibromoethane	<21		130	21	ug/Kg		06/14/13 08:20	06/26/13 19:27	50
1,2-Dichlorobenzene	<14		130	14	ug/Kg		06/14/13 08:20	06/26/13 19:27	50
1,2-Dichloroethane	<19		67	19	ug/Kg		06/14/13 08:20	06/26/13 19:27	50
1,2-Dichloropropane	<13		67	13	ug/Kg		06/14/13 08:20	06/26/13 19:27	50
1,3,5-Trimethylbenzene	<14		130	14	ug/Kg		06/14/13 08:20	06/26/13 19:27	50
1,3-Dichlorobenzene	<17		130	17	ug/Kg		06/14/13 08:20	06/26/13 19:27	50
1,3-Dichloropropane	<8.9		67	8.9	ug/Kg		06/14/13 08:20	06/26/13 19:27	50
1,4-Dichlorobenzene	<12		130	12	ug/Kg		06/14/13 08:20	06/26/13 19:27	50
2,2-Dichloropropane	<21		67	21	ug/Kg		06/14/13 08:20	06/26/13 19:27	50
2-Chlorotoluene	<14		67	14	ug/Kg		06/14/13 08:20	06/26/13 19:27	50
4-Chlorotoluene	<13		67	13	ug/Kg		06/14/13 08:20	06/26/13 19:27	50
Benzene	<5.0		17	5.0	ug/Kg		06/14/13 08:20	06/26/13 19:27	50
Bromobenzene	<28		130	28	ug/Kg		06/14/13 08:20	06/26/13 19:27	50
Bromochloromethane	<25		130	25	ug/Kg		06/14/13 08:20	06/26/13 19:27	50
Bromodichloromethane	<23		130	23	ug/Kg		06/14/13 08:20	06/26/13 19:27	50
Bromoform	<29		130	29	ug/Kg		06/14/13 08:20	06/26/13 19:27	50
Bromomethane	<46		130	46	ug/Kg		06/14/13 08:20	06/26/13 19:27	50
Carbon tetrachloride	<17		67	17	ug/Kg		06/14/13 08:20	06/26/13 19:27	50
Chlorobenzene	<9.5		67	9.5	ug/Kg		06/14/13 08:20	06/26/13 19:27	50
Chloroethane	<29		130	29	ug/Kg		06/14/13 08:20	06/26/13 19:27	50
Chloroform	<14		67	14	ug/Kg		06/14/13 08:20	06/26/13 19:27	50
Chloromethane	<31		130	31	ug/Kg		06/14/13 08:20	06/26/13 19:27	50
cis-1,2-Dichloroethene	<8.2		67	8.2	ug/Kg		06/14/13 08:20	06/26/13 19:27	50
cis-1,3-Dichloropropene	<12		67	12	ug/Kg		06/14/13 08:20	06/26/13 19:27	50
Dibromochloromethane	<23		130	23	ug/Kg		06/14/13 08:20	06/26/13 19:27	50
Dibromomethane	<32		130	32	ug/Kg		06/14/13 08:20	06/26/13 19:27	50
Dichlorodifluoromethane	<34		130	34	ug/Kg		06/14/13 08:20	06/26/13 19:27	50
Ethylbenzene	<8.4		17	8.4	ug/Kg		06/14/13 08:20	06/26/13 19:27	50
Hexachlorobutadiene	<23		130	23	ug/Kg		06/14/13 08:20	06/26/13 19:27	50
Isopropyl ether	<9.8		130	9.8	ug/Kg		06/14/13 08:20	06/26/13 19:27	50
Isopropylbenzene	<17		130	17	ug/Kg		06/14/13 08:20	06/26/13 19:27	50
Methyl tert-butyl ether	<29		130	29	ug/Kg		06/14/13 08:20	06/26/13 19:27	50
Methylene Chloride	<46		330	46	ug/Kg		06/14/13 08:20	06/26/13 19:27	50
Naphthalene	<33		130	33	ug/Kg		06/14/13 08:20	06/26/13 19:27	50
n-Butylbenzene	<8.6		67	8.6	ug/Kg		06/14/13 08:20	06/26/13 19:27	50
N-Propylbenzene	<12		130	12	ug/Kg		06/14/13 08:20	06/26/13 19:27	50
p-Isopropyltoluene	<12		130	12	ug/Kg		06/14/13 08:20	06/26/13 19:27	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-58359-1

Client Sample ID: SB-725 A1 20'

Lab Sample ID: 500-58359-6

Date Collected: 06/14/13 08:20

Matrix: Solid

Date Received: 06/22/13 09:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<10		67	10	ug/Kg		06/14/13 08:20	06/26/13 19:27	50
Styrene	<6.6		67	6.6	ug/Kg		06/14/13 08:20	06/26/13 19:27	50
tert-Butylbenzene	<9.1		67	9.1	ug/Kg		06/14/13 08:20	06/26/13 19:27	50
Tetrachloroethene	<11		67	11	ug/Kg		06/14/13 08:20	06/26/13 19:27	50
Toluene	<7.7		17	7.7	ug/Kg		06/14/13 08:20	06/26/13 19:27	50
trans-1,2-Dichloroethene	<17		67	17	ug/Kg		06/14/13 08:20	06/26/13 19:27	50
trans-1,3-Dichloropropene	<14		67	14	ug/Kg		06/14/13 08:20	06/26/13 19:27	50
Trichloroethene	<12		33	12	ug/Kg		06/14/13 08:20	06/26/13 19:27	50
Trichlorofluoromethane	<28		130	28	ug/Kg		06/14/13 08:20	06/26/13 19:27	50
Vinyl chloride	<6.9		17	6.9	ug/Kg		06/14/13 08:20	06/26/13 19:27	50
Xylenes, Total	<4.6		33	4.6	ug/Kg		06/14/13 08:20	06/26/13 19:27	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		75 - 125				06/14/13 08:20	06/26/13 19:27	50
4-Bromofluorobenzene (Surr)	93		75 - 120				06/14/13 08:20	06/26/13 19:27	50
Dibromofluoromethane	86		75 - 120				06/14/13 08:20	06/26/13 19:27	50
Toluene-d8 (Surr)	96		75 - 120				06/14/13 08:20	06/26/13 19:27	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<19		37	19	ug/Kg	☼	06/26/13 07:09	07/09/13 03:18	1
2-Methylnaphthalene	<49		190	49	ug/Kg	☼	06/26/13 07:09	07/09/13 03:18	1
Acenaphthene	<11		37	11	ug/Kg	☼	06/26/13 07:09	07/09/13 03:18	1
Acenaphthylene	<8.6		37	8.6	ug/Kg	☼	06/26/13 07:09	07/09/13 03:18	1
Anthracene	<8.8		37	8.8	ug/Kg	☼	06/26/13 07:09	07/09/13 03:18	1
Benzo[a]anthracene	<7.8		37	7.8	ug/Kg	☼	06/26/13 07:09	07/09/13 03:18	1
Benzo[a]pyrene	<6.8		37	6.8	ug/Kg	☼	06/26/13 07:09	07/09/13 03:18	1
Benzo[b]fluoranthene	<7.3		37	7.3	ug/Kg	☼	06/26/13 07:09	07/09/13 03:18	1
Benzo[g,h,i]perylene	<13		37	13	ug/Kg	☼	06/26/13 07:09	07/09/13 03:18	1
Benzo[k]fluoranthene	<8.9		37	8.9	ug/Kg	☼	06/26/13 07:09	07/09/13 03:18	1
Chrysene	12 J		37	8.4	ug/Kg	☼	06/26/13 07:09	07/09/13 03:18	1
Dibenz(a,h)anthracene	<10		37	10	ug/Kg	☼	06/26/13 07:09	07/09/13 03:18	1
Fluoranthene	<15		37	15	ug/Kg	☼	06/26/13 07:09	07/09/13 03:18	1
Fluorene	<8.5		37	8.5	ug/Kg	☼	06/26/13 07:09	07/09/13 03:18	1
Indeno[1,2,3-cd]pyrene	<13		37	13	ug/Kg	☼	06/26/13 07:09	07/09/13 03:18	1
Naphthalene	<7.2		37	7.2	ug/Kg	☼	06/26/13 07:09	07/09/13 03:18	1
Phenanthrene	<16		37	16	ug/Kg	☼	06/26/13 07:09	07/09/13 03:18	1
Pyrene	<14		37	14	ug/Kg	☼	06/26/13 07:09	07/09/13 03:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	49		30 - 119				06/26/13 07:09	07/09/13 03:18	1
Nitrobenzene-d5 (Surr)	38		30 - 115				06/26/13 07:09	07/09/13 03:18	1
Terphenyl-d14 (Surr)	79		36 - 134				06/26/13 07:09	07/09/13 03:18	1

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-58359-1

Client Sample ID: SB-740 20'

Lab Sample ID: 500-58359-7

Date Collected: 06/14/13 15:30

Matrix: Solid

Date Received: 06/22/13 09:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<25		150	25	ug/Kg		06/14/13 15:30	06/26/13 19:53	50
1,1,1-Trichloroethane	<15		73	15	ug/Kg		06/14/13 15:30	06/26/13 19:53	50
1,1,2,2-Tetrachloroethane	<17		73	17	ug/Kg		06/14/13 15:30	06/26/13 19:53	50
1,1,2-Trichloroethane	<20		73	20	ug/Kg		06/14/13 15:30	06/26/13 19:53	50
1,1-Dichloroethane	<13		73	13	ug/Kg		06/14/13 15:30	06/26/13 19:53	50
1,1-Dichloroethene	<22		73	22	ug/Kg		06/14/13 15:30	06/26/13 19:53	50
1,1-Dichloropropene	<25		73	25	ug/Kg		06/14/13 15:30	06/26/13 19:53	50
1,2,3-Trichlorobenzene	<25		150	25	ug/Kg		06/14/13 15:30	06/26/13 19:53	50
1,2,3-Trichloropropane	<42		150	42	ug/Kg		06/14/13 15:30	06/26/13 19:53	50
1,2,4-Trichlorobenzene	<28		150	28	ug/Kg		06/14/13 15:30	06/26/13 19:53	50
1,2,4-Trimethylbenzene	<15		150	15	ug/Kg		06/14/13 15:30	06/26/13 19:53	50
1,2-Dibromo-3-Chloropropane	<63		150	63	ug/Kg		06/14/13 15:30	06/26/13 19:53	50
1,2-Dibromoethane	<23		150	23	ug/Kg		06/14/13 15:30	06/26/13 19:53	50
1,2-Dichlorobenzene	<15		150	15	ug/Kg		06/14/13 15:30	06/26/13 19:53	50
1,2-Dichloroethane	<21		73	21	ug/Kg		06/14/13 15:30	06/26/13 19:53	50
1,2-Dichloropropane	<14		73	14	ug/Kg		06/14/13 15:30	06/26/13 19:53	50
1,3,5-Trimethylbenzene	<15		150	15	ug/Kg		06/14/13 15:30	06/26/13 19:53	50
1,3-Dichlorobenzene	<19		150	19	ug/Kg		06/14/13 15:30	06/26/13 19:53	50
1,3-Dichloropropane	<9.8		73	9.8	ug/Kg		06/14/13 15:30	06/26/13 19:53	50
1,4-Dichlorobenzene	<13		150	13	ug/Kg		06/14/13 15:30	06/26/13 19:53	50
2,2-Dichloropropane	<23		73	23	ug/Kg		06/14/13 15:30	06/26/13 19:53	50
2-Chlorotoluene	<15		73	15	ug/Kg		06/14/13 15:30	06/26/13 19:53	50
4-Chlorotoluene	<14		73	14	ug/Kg		06/14/13 15:30	06/26/13 19:53	50
Benzene	<5.4		18	5.4	ug/Kg		06/14/13 15:30	06/26/13 19:53	50
Bromobenzene	<31		150	31	ug/Kg		06/14/13 15:30	06/26/13 19:53	50
Bromochloromethane	<28		150	28	ug/Kg		06/14/13 15:30	06/26/13 19:53	50
Bromodichloromethane	<25		150	25	ug/Kg		06/14/13 15:30	06/26/13 19:53	50
Bromoform	<32		150	32	ug/Kg		06/14/13 15:30	06/26/13 19:53	50
Bromomethane	<50		150	50	ug/Kg		06/14/13 15:30	06/26/13 19:53	50
Carbon tetrachloride	<19		73	19	ug/Kg		06/14/13 15:30	06/26/13 19:53	50
Chlorobenzene	<10		73	10	ug/Kg		06/14/13 15:30	06/26/13 19:53	50
Chloroethane	<32		150	32	ug/Kg		06/14/13 15:30	06/26/13 19:53	50
Chloroform	<15		73	15	ug/Kg		06/14/13 15:30	06/26/13 19:53	50
Chloromethane	<34		150	34	ug/Kg		06/14/13 15:30	06/26/13 19:53	50
cis-1,2-Dichloroethene	<9.0		73	9.0	ug/Kg		06/14/13 15:30	06/26/13 19:53	50
cis-1,3-Dichloropropene	<13		73	13	ug/Kg		06/14/13 15:30	06/26/13 19:53	50
Dibromochloromethane	<25		150	25	ug/Kg		06/14/13 15:30	06/26/13 19:53	50
Dibromomethane	<35		150	35	ug/Kg		06/14/13 15:30	06/26/13 19:53	50
Dichlorodifluoromethane	<37		150	37	ug/Kg		06/14/13 15:30	06/26/13 19:53	50
Ethylbenzene	<9.2		18	9.2	ug/Kg		06/14/13 15:30	06/26/13 19:53	50
Hexachlorobutadiene	<25		150	25	ug/Kg		06/14/13 15:30	06/26/13 19:53	50
Isopropyl ether	<11		150	11	ug/Kg		06/14/13 15:30	06/26/13 19:53	50
Isopropylbenzene	<18		150	18	ug/Kg		06/14/13 15:30	06/26/13 19:53	50
Methyl tert-butyl ether	<31		150	31	ug/Kg		06/14/13 15:30	06/26/13 19:53	50
Methylene Chloride	<50		360	50	ug/Kg		06/14/13 15:30	06/26/13 19:53	50
Naphthalene	1800		150	36	ug/Kg		06/14/13 15:30	06/26/13 19:53	50
n-Butylbenzene	<9.4		73	9.4	ug/Kg		06/14/13 15:30	06/26/13 19:53	50
N-Propylbenzene	<13		150	13	ug/Kg		06/14/13 15:30	06/26/13 19:53	50
p-Isopropyltoluene	<13		150	13	ug/Kg		06/14/13 15:30	06/26/13 19:53	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-58359-1

Client Sample ID: SB-740 20'

Lab Sample ID: 500-58359-7

Date Collected: 06/14/13 15:30

Matrix: Solid

Date Received: 06/22/13 09:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<11		73	11	ug/Kg		06/14/13 15:30	06/26/13 19:53	50
Styrene	<7.2		73	7.2	ug/Kg		06/14/13 15:30	06/26/13 19:53	50
tert-Butylbenzene	<9.9		73	9.9	ug/Kg		06/14/13 15:30	06/26/13 19:53	50
Tetrachloroethene	<12		73	12	ug/Kg		06/14/13 15:30	06/26/13 19:53	50
Toluene	32		18	8.4	ug/Kg		06/14/13 15:30	06/26/13 19:53	50
trans-1,2-Dichloroethene	<18		73	18	ug/Kg		06/14/13 15:30	06/26/13 19:53	50
trans-1,3-Dichloropropene	<15		73	15	ug/Kg		06/14/13 15:30	06/26/13 19:53	50
Trichloroethene	<14		36	14	ug/Kg		06/14/13 15:30	06/26/13 19:53	50
Trichlorofluoromethane	<30		150	30	ug/Kg		06/14/13 15:30	06/26/13 19:53	50
Vinyl chloride	<7.6		18	7.6	ug/Kg		06/14/13 15:30	06/26/13 19:53	50
Xylenes, Total	48		36	5.0	ug/Kg		06/14/13 15:30	06/26/13 19:53	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		75 - 125				06/14/13 15:30	06/26/13 19:53	50
4-Bromofluorobenzene (Surr)	87		75 - 120				06/14/13 15:30	06/26/13 19:53	50
Dibromofluoromethane	79		75 - 120				06/14/13 15:30	06/26/13 19:53	50
Toluene-d8 (Surr)	98		75 - 120				06/14/13 15:30	06/26/13 19:53	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	850		35	17	ug/Kg	⊛	06/26/13 07:09	07/09/13 03:35	1
2-Methylnaphthalene	2300		180	45	ug/Kg	⊛	06/26/13 07:09	07/09/13 03:35	1
Acenaphthene	1800		35	10	ug/Kg	⊛	06/26/13 07:09	07/09/13 03:35	1
Acenaphthylene	<8.0		35	8.0	ug/Kg	⊛	06/26/13 07:09	07/09/13 03:35	1
Anthracene	93		35	8.2	ug/Kg	⊛	06/26/13 07:09	07/09/13 03:35	1
Benzo[a]anthracene	7.6 J		35	7.3	ug/Kg	⊛	06/26/13 07:09	07/09/13 03:35	1
Benzo[a]pyrene	<6.4		35	6.4	ug/Kg	⊛	06/26/13 07:09	07/09/13 03:35	1
Benzo[b]fluoranthene	<6.8		35	6.8	ug/Kg	⊛	06/26/13 07:09	07/09/13 03:35	1
Benzo[g,h,i]perylene	<12		35	12	ug/Kg	⊛	06/26/13 07:09	07/09/13 03:35	1
Benzo[k]fluoranthene	<8.3		35	8.3	ug/Kg	⊛	06/26/13 07:09	07/09/13 03:35	1
Chrysene	14 J		35	7.9	ug/Kg	⊛	06/26/13 07:09	07/09/13 03:35	1
Dibenz(a,h)anthracene	<9.8		35	9.8	ug/Kg	⊛	06/26/13 07:09	07/09/13 03:35	1
Fluoranthene	44		35	14	ug/Kg	⊛	06/26/13 07:09	07/09/13 03:35	1
Fluorene	920		35	8.0	ug/Kg	⊛	06/26/13 07:09	07/09/13 03:35	1
Indeno[1,2,3-cd]pyrene	<12		35	12	ug/Kg	⊛	06/26/13 07:09	07/09/13 03:35	1
Pyrene	37		35	13	ug/Kg	⊛	06/26/13 07:09	07/09/13 03:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	44		30 - 119				06/26/13 07:09	07/09/13 03:35	1
Nitrobenzene-d5 (Surr)	20 X		30 - 115				06/26/13 07:09	07/09/13 03:35	1
Terphenyl-d14 (Surr)	82		36 - 134				06/26/13 07:09	07/09/13 03:35	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	18000		350	67	ug/Kg	⊛	06/26/13 07:09	07/09/13 13:23	10
Phenanthrene	1200		350	150	ug/Kg	⊛	06/26/13 07:09	07/09/13 13:23	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	46		30 - 119				06/26/13 07:09	07/09/13 13:23	10
Nitrobenzene-d5 (Surr)	37		30 - 115				06/26/13 07:09	07/09/13 13:23	10
Terphenyl-d14 (Surr)	58		36 - 134				06/26/13 07:09	07/09/13 13:23	10

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-58359-1

Client Sample ID: SB-725 C-3 20'

Lab Sample ID: 500-58359-8

Date Collected: 06/18/13 13:30

Matrix: Solid

Date Received: 06/22/13 09:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<23		140	23	ug/Kg		06/18/13 13:30	06/26/13 20:19	50
1,1,1-Trichloroethane	<14		68	14	ug/Kg		06/18/13 13:30	06/26/13 20:19	50
1,1,2,2-Tetrachloroethane	<16		68	16	ug/Kg		06/18/13 13:30	06/26/13 20:19	50
1,1,2-Trichloroethane	<19		68	19	ug/Kg		06/18/13 13:30	06/26/13 20:19	50
1,1-Dichloroethane	<13		68	13	ug/Kg		06/18/13 13:30	06/26/13 20:19	50
1,1-Dichloroethene	<21		68	21	ug/Kg		06/18/13 13:30	06/26/13 20:19	50
1,1-Dichloropropene	<23		68	23	ug/Kg		06/18/13 13:30	06/26/13 20:19	50
1,2,3-Trichlorobenzene	<24		140	24	ug/Kg		06/18/13 13:30	06/26/13 20:19	50
1,2,3-Trichloropropane	<39		140	39	ug/Kg		06/18/13 13:30	06/26/13 20:19	50
1,2,4-Trichlorobenzene	<26		140	26	ug/Kg		06/18/13 13:30	06/26/13 20:19	50
1,2,4-Trimethylbenzene	<14		140	14	ug/Kg		06/18/13 13:30	06/26/13 20:19	50
1,2-Dibromo-3-Chloropropane	<59		140	59	ug/Kg		06/18/13 13:30	06/26/13 20:19	50
1,2-Dibromoethane	<21		140	21	ug/Kg		06/18/13 13:30	06/26/13 20:19	50
1,2-Dichlorobenzene	<14		140	14	ug/Kg		06/18/13 13:30	06/26/13 20:19	50
1,2-Dichloroethane	<19		68	19	ug/Kg		06/18/13 13:30	06/26/13 20:19	50
1,2-Dichloropropane	<13		68	13	ug/Kg		06/18/13 13:30	06/26/13 20:19	50
1,3,5-Trimethylbenzene	<14		140	14	ug/Kg		06/18/13 13:30	06/26/13 20:19	50
1,3-Dichlorobenzene	<17		140	17	ug/Kg		06/18/13 13:30	06/26/13 20:19	50
1,3-Dichloropropane	<9.1		68	9.1	ug/Kg		06/18/13 13:30	06/26/13 20:19	50
1,4-Dichlorobenzene	<12		140	12	ug/Kg		06/18/13 13:30	06/26/13 20:19	50
2,2-Dichloropropane	<21		68	21	ug/Kg		06/18/13 13:30	06/26/13 20:19	50
2-Chlorotoluene	<14		68	14	ug/Kg		06/18/13 13:30	06/26/13 20:19	50
4-Chlorotoluene	<13		68	13	ug/Kg		06/18/13 13:30	06/26/13 20:19	50
Benzene	<5.0		17	5.0	ug/Kg		06/18/13 13:30	06/26/13 20:19	50
Bromobenzene	<29		140	29	ug/Kg		06/18/13 13:30	06/26/13 20:19	50
Bromochloromethane	<26		140	26	ug/Kg		06/18/13 13:30	06/26/13 20:19	50
Bromodichloromethane	<23		140	23	ug/Kg		06/18/13 13:30	06/26/13 20:19	50
Bromoform	<30		140	30	ug/Kg		06/18/13 13:30	06/26/13 20:19	50
Bromomethane	<46		140	46	ug/Kg		06/18/13 13:30	06/26/13 20:19	50
Carbon tetrachloride	<17		68	17	ug/Kg		06/18/13 13:30	06/26/13 20:19	50
Chlorobenzene	<9.7		68	9.7	ug/Kg		06/18/13 13:30	06/26/13 20:19	50
Chloroethane	<29		140	29	ug/Kg		06/18/13 13:30	06/26/13 20:19	50
Chloroform	<14		68	14	ug/Kg		06/18/13 13:30	06/26/13 20:19	50
Chloromethane	<31		140	31	ug/Kg		06/18/13 13:30	06/26/13 20:19	50
cis-1,2-Dichloroethene	<8.3		68	8.3	ug/Kg		06/18/13 13:30	06/26/13 20:19	50
cis-1,3-Dichloropropene	<12		68	12	ug/Kg		06/18/13 13:30	06/26/13 20:19	50
Dibromochloromethane	<23		140	23	ug/Kg		06/18/13 13:30	06/26/13 20:19	50
Dibromomethane	<32		140	32	ug/Kg		06/18/13 13:30	06/26/13 20:19	50
Dichlorodifluoromethane	<35		140	35	ug/Kg		06/18/13 13:30	06/26/13 20:19	50
Ethylbenzene	<8.5		17	8.5	ug/Kg		06/18/13 13:30	06/26/13 20:19	50
Hexachlorobutadiene	<23		140	23	ug/Kg		06/18/13 13:30	06/26/13 20:19	50
Isopropyl ether	<9.9		140	9.9	ug/Kg		06/18/13 13:30	06/26/13 20:19	50
Isopropylbenzene	<17		140	17	ug/Kg		06/18/13 13:30	06/26/13 20:19	50
Methyl tert-butyl ether	<29		140	29	ug/Kg		06/18/13 13:30	06/26/13 20:19	50
Methylene Chloride	<46		340	46	ug/Kg		06/18/13 13:30	06/26/13 20:19	50
Naphthalene	<33		140	33	ug/Kg		06/18/13 13:30	06/26/13 20:19	50
n-Butylbenzene	<8.7		68	8.7	ug/Kg		06/18/13 13:30	06/26/13 20:19	50
N-Propylbenzene	<12		140	12	ug/Kg		06/18/13 13:30	06/26/13 20:19	50
p-Isopropyltoluene	<13		140	13	ug/Kg		06/18/13 13:30	06/26/13 20:19	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-58359-1

Client Sample ID: SB-725 C-3 20'

Lab Sample ID: 500-58359-8

Date Collected: 06/18/13 13:30

Matrix: Solid

Date Received: 06/22/13 09:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<10		68	10	ug/Kg		06/18/13 13:30	06/26/13 20:19	50
Styrene	<6.7		68	6.7	ug/Kg		06/18/13 13:30	06/26/13 20:19	50
tert-Butylbenzene	<9.2		68	9.2	ug/Kg		06/18/13 13:30	06/26/13 20:19	50
Tetrachloroethene	<11		68	11	ug/Kg		06/18/13 13:30	06/26/13 20:19	50
Toluene	<7.8		17	7.8	ug/Kg		06/18/13 13:30	06/26/13 20:19	50
trans-1,2-Dichloroethene	<17		68	17	ug/Kg		06/18/13 13:30	06/26/13 20:19	50
trans-1,3-Dichloropropene	<14		68	14	ug/Kg		06/18/13 13:30	06/26/13 20:19	50
Trichloroethene	<13		34	13	ug/Kg		06/18/13 13:30	06/26/13 20:19	50
Trichlorofluoromethane	<28		140	28	ug/Kg		06/18/13 13:30	06/26/13 20:19	50
Vinyl chloride	<7.0		17	7.0	ug/Kg		06/18/13 13:30	06/26/13 20:19	50
Xylenes, Total	<4.6		34	4.6	ug/Kg		06/18/13 13:30	06/26/13 20:19	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		75 - 125				06/18/13 13:30	06/26/13 20:19	50
4-Bromofluorobenzene (Surr)	92		75 - 120				06/18/13 13:30	06/26/13 20:19	50
Dibromofluoromethane	82		75 - 120				06/18/13 13:30	06/26/13 20:19	50
Toluene-d8 (Surr)	94		75 - 120				06/18/13 13:30	06/26/13 20:19	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<18		36	18	ug/Kg	☼	06/26/13 07:09	07/06/13 14:17	1
2-Methylnaphthalene	<47		180	47	ug/Kg	☼	06/26/13 07:09	07/06/13 14:17	1
Acenaphthene	<11		36	11	ug/Kg	☼	06/26/13 07:09	07/06/13 14:17	1
Acenaphthylene	<8.3		36	8.3	ug/Kg	☼	06/26/13 07:09	07/06/13 14:17	1
Anthracene	<8.4		36	8.4	ug/Kg	☼	06/26/13 07:09	07/06/13 14:17	1
Benzo[a]anthracene	<7.5		36	7.5	ug/Kg	☼	06/26/13 07:09	07/06/13 14:17	1
Benzo[a]pyrene	<6.5		36	6.5	ug/Kg	☼	06/26/13 07:09	07/06/13 14:17	1
Benzo[b]fluoranthene	<7.0		36	7.0	ug/Kg	☼	06/26/13 07:09	07/06/13 14:17	1
Benzo[g,h,i]perylene	<12		36	12	ug/Kg	☼	06/26/13 07:09	07/06/13 14:17	1
Benzo[k]fluoranthene	<8.6		36	8.6	ug/Kg	☼	06/26/13 07:09	07/06/13 14:17	1
Chrysene	<8.1		36	8.1	ug/Kg	☼	06/26/13 07:09	07/06/13 14:17	1
Dibenz(a,h)anthracene	<10		36	10	ug/Kg	☼	06/26/13 07:09	07/06/13 14:17	1
Fluoranthene	<15		36	15	ug/Kg	☼	06/26/13 07:09	07/06/13 14:17	1
Fluorene	<8.2		36	8.2	ug/Kg	☼	06/26/13 07:09	07/06/13 14:17	1
Indeno[1,2,3-cd]pyrene	<12		36	12	ug/Kg	☼	06/26/13 07:09	07/06/13 14:17	1
Naphthalene	<6.9		36	6.9	ug/Kg	☼	06/26/13 07:09	07/06/13 14:17	1
Phenanthrene	<15		36	15	ug/Kg	☼	06/26/13 07:09	07/06/13 14:17	1
Pyrene	<13		36	13	ug/Kg	☼	06/26/13 07:09	07/06/13 14:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	60		30 - 119				06/26/13 07:09	07/06/13 14:17	1
Nitrobenzene-d5 (Surr)	64		30 - 115				06/26/13 07:09	07/06/13 14:17	1
Terphenyl-d14 (Surr)	73		36 - 134				06/26/13 07:09	07/06/13 14:17	1

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-58359-1

Client Sample ID: SB-738 18-20'

Lab Sample ID: 500-58359-9

Date Collected: 06/21/13 08:40

Matrix: Solid

Date Received: 06/22/13 09:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<26		150	26	ug/Kg		06/21/13 08:40	07/03/13 02:09	50
1,1,1-Trichloroethane	<15		76	15	ug/Kg		06/21/13 08:40	07/03/13 02:09	50
1,1,1,2,2-Tetrachloroethane	<18		76	18	ug/Kg		06/21/13 08:40	07/03/13 02:09	50
1,1,1,2-Trichloroethane	<21		76	21	ug/Kg		06/21/13 08:40	07/03/13 02:09	50
1,1-Dichloroethane	<14		76	14	ug/Kg		06/21/13 08:40	07/03/13 02:09	50
1,1-Dichloroethene	<23		76	23	ug/Kg		06/21/13 08:40	07/03/13 02:09	50
1,1-Dichloropropene	<26		76	26	ug/Kg		06/21/13 08:40	07/03/13 02:09	50
1,2,3-Trichlorobenzene	<27		150	27	ug/Kg		06/21/13 08:40	07/03/13 02:09	50
1,2,3-Trichloropropane	<44		150	44	ug/Kg		06/21/13 08:40	07/03/13 02:09	50
1,2,4-Trichlorobenzene	<29		150	29	ug/Kg		06/21/13 08:40	07/03/13 02:09	50
1,2,4-Trimethylbenzene	<16		150	16	ug/Kg		06/21/13 08:40	07/03/13 02:09	50
1,2-Dibromo-3-Chloropropane	<66		150	66	ug/Kg		06/21/13 08:40	07/03/13 02:09	50
1,2-Dibromoethane	<24		150	24	ug/Kg		06/21/13 08:40	07/03/13 02:09	50
1,2-Dichlorobenzene	<16		150	16	ug/Kg		06/21/13 08:40	07/03/13 02:09	50
1,2-Dichloroethane	<22		76	22	ug/Kg		06/21/13 08:40	07/03/13 02:09	50
1,2-Dichloropropane	<15		76	15	ug/Kg		06/21/13 08:40	07/03/13 02:09	50
1,3,5-Trimethylbenzene	<16		150	16	ug/Kg		06/21/13 08:40	07/03/13 02:09	50
1,3-Dichlorobenzene	<19		150	19	ug/Kg		06/21/13 08:40	07/03/13 02:09	50
1,3-Dichloropropane	<10		76	10	ug/Kg		06/21/13 08:40	07/03/13 02:09	50
1,4-Dichlorobenzene	<13		150	13	ug/Kg		06/21/13 08:40	07/03/13 02:09	50
2,2-Dichloropropane	<24		76	24	ug/Kg		06/21/13 08:40	07/03/13 02:09	50
2-Chlorotoluene	<16		76	16	ug/Kg		06/21/13 08:40	07/03/13 02:09	50
4-Chlorotoluene	<15		76	15	ug/Kg		06/21/13 08:40	07/03/13 02:09	50
Benzene	<5.6		19	5.6	ug/Kg		06/21/13 08:40	07/03/13 02:09	50
Bromobenzene	<32		150	32	ug/Kg		06/21/13 08:40	07/03/13 02:09	50
Bromochloromethane	<29		150	29	ug/Kg		06/21/13 08:40	07/03/13 02:09	50
Bromodichloromethane	<26		150	26	ug/Kg		06/21/13 08:40	07/03/13 02:09	50
Bromoform	<33		150	33	ug/Kg		06/21/13 08:40	07/03/13 02:09	50
Bromomethane	<52		150	52	ug/Kg		06/21/13 08:40	07/03/13 02:09	50
Carbon tetrachloride	<19		76	19	ug/Kg		06/21/13 08:40	07/03/13 02:09	50
Chlorobenzene	<11		76	11	ug/Kg		06/21/13 08:40	07/03/13 02:09	50
Chloroethane	<33		150	33	ug/Kg		06/21/13 08:40	07/03/13 02:09	50
Chloroform	<16		76	16	ug/Kg		06/21/13 08:40	07/03/13 02:09	50
Chloromethane	<35		150	35	ug/Kg		06/21/13 08:40	07/03/13 02:09	50
cis-1,2-Dichloroethene	<9.3		76	9.3	ug/Kg		06/21/13 08:40	07/03/13 02:09	50
cis-1,3-Dichloropropene	<13		76	13	ug/Kg		06/21/13 08:40	07/03/13 02:09	50
Dibromochloromethane	<26		150	26	ug/Kg		06/21/13 08:40	07/03/13 02:09	50
Dibromomethane	<36		150	36	ug/Kg		06/21/13 08:40	07/03/13 02:09	50
Dichlorodifluoromethane	<39		150	39	ug/Kg		06/21/13 08:40	07/03/13 02:09	50
Ethylbenzene	<9.6		19	9.6	ug/Kg		06/21/13 08:40	07/03/13 02:09	50
Hexachlorobutadiene	<26		150	26	ug/Kg		06/21/13 08:40	07/03/13 02:09	50
Isopropyl ether	<11		150	11	ug/Kg		06/21/13 08:40	07/03/13 02:09	50
Isopropylbenzene	<19		150	19	ug/Kg		06/21/13 08:40	07/03/13 02:09	50
Methyl tert-butyl ether	<33		150	33	ug/Kg		06/21/13 08:40	07/03/13 02:09	50
Methylene Chloride	<52		380	52	ug/Kg		06/21/13 08:40	07/03/13 02:09	50
Naphthalene	<37		150	37	ug/Kg		06/21/13 08:40	07/03/13 02:09	50
n-Butylbenzene	<9.8		76	9.8	ug/Kg		06/21/13 08:40	07/03/13 02:09	50
N-Propylbenzene	<13		150	13	ug/Kg		06/21/13 08:40	07/03/13 02:09	50
p-Isopropyltoluene	<14		150	14	ug/Kg		06/21/13 08:40	07/03/13 02:09	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-58359-1

Client Sample ID: SB-738 18-20'

Lab Sample ID: 500-58359-9

Date Collected: 06/21/13 08:40

Matrix: Solid

Date Received: 06/22/13 09:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<12		76	12	ug/Kg		06/21/13 08:40	07/03/13 02:09	50
Styrene	<7.5		76	7.5	ug/Kg		06/21/13 08:40	07/03/13 02:09	50
tert-Butylbenzene	<10		76	10	ug/Kg		06/21/13 08:40	07/03/13 02:09	50
Tetrachloroethene	<13		76	13	ug/Kg		06/21/13 08:40	07/03/13 02:09	50
Toluene	31		19	8.7	ug/Kg		06/21/13 08:40	07/03/13 02:09	50
trans-1,2-Dichloroethene	<19		76	19	ug/Kg		06/21/13 08:40	07/03/13 02:09	50
trans-1,3-Dichloropropene	<16		76	16	ug/Kg		06/21/13 08:40	07/03/13 02:09	50
Trichloroethene	<14		38	14	ug/Kg		06/21/13 08:40	07/03/13 02:09	50
Trichlorofluoromethane	<31		150	31	ug/Kg		06/21/13 08:40	07/03/13 02:09	50
Vinyl chloride	<7.9		19	7.9	ug/Kg		06/21/13 08:40	07/03/13 02:09	50
Xylenes, Total	<5.2		38	5.2	ug/Kg		06/21/13 08:40	07/03/13 02:09	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		75 - 125				06/21/13 08:40	07/03/13 02:09	50
4-Bromofluorobenzene (Surr)	90		75 - 120				06/21/13 08:40	07/03/13 02:09	50
Dibromofluoromethane	93		75 - 120				06/21/13 08:40	07/03/13 02:09	50
Toluene-d8 (Surr)	101		75 - 120				06/21/13 08:40	07/03/13 02:09	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<18		37	18	ug/Kg	☼	06/26/13 07:09	07/06/13 14:38	1
2-Methylnaphthalene	<48		190	48	ug/Kg	☼	06/26/13 07:09	07/06/13 14:38	1
Acenaphthene	<11		37	11	ug/Kg	☼	06/26/13 07:09	07/06/13 14:38	1
Acenaphthylene	<8.5		37	8.5	ug/Kg	☼	06/26/13 07:09	07/06/13 14:38	1
Anthracene	<8.7		37	8.7	ug/Kg	☼	06/26/13 07:09	07/06/13 14:38	1
Benzo[a]anthracene	<7.7		37	7.7	ug/Kg	☼	06/26/13 07:09	07/06/13 14:38	1
Benzo[a]pyrene	<6.7		37	6.7	ug/Kg	☼	06/26/13 07:09	07/06/13 14:38	1
Benzo[b]fluoranthene	<7.2		37	7.2	ug/Kg	☼	06/26/13 07:09	07/06/13 14:38	1
Benzo[g,h,i]perylene	<12		37	12	ug/Kg	☼	06/26/13 07:09	07/06/13 14:38	1
Benzo[k]fluoranthene	<8.8		37	8.8	ug/Kg	☼	06/26/13 07:09	07/06/13 14:38	1
Chrysene	<8.3		37	8.3	ug/Kg	☼	06/26/13 07:09	07/06/13 14:38	1
Dibenz(a,h)anthracene	<10		37	10	ug/Kg	☼	06/26/13 07:09	07/06/13 14:38	1
Fluoranthene	<15		37	15	ug/Kg	☼	06/26/13 07:09	07/06/13 14:38	1
Fluorene	<8.4		37	8.4	ug/Kg	☼	06/26/13 07:09	07/06/13 14:38	1
Indeno[1,2,3-cd]pyrene	<12		37	12	ug/Kg	☼	06/26/13 07:09	07/06/13 14:38	1
Naphthalene	<7.1		37	7.1	ug/Kg	☼	06/26/13 07:09	07/06/13 14:38	1
Phenanthrene	<15		37	15	ug/Kg	☼	06/26/13 07:09	07/06/13 14:38	1
Pyrene	<13		37	13	ug/Kg	☼	06/26/13 07:09	07/06/13 14:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	41		30 - 119				06/26/13 07:09	07/06/13 14:38	1
Nitrobenzene-d5 (Surr)	45		30 - 115				06/26/13 07:09	07/06/13 14:38	1
Terphenyl-d14 (Surr)	52		36 - 134				06/26/13 07:09	07/06/13 14:38	1

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-58359-1

Client Sample ID: SB-739 17-20'

Lab Sample ID: 500-58359-10

Date Collected: 06/21/13 08:50

Matrix: Solid

Date Received: 06/22/13 09:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<24		140	24	ug/Kg		06/21/13 08:50	07/03/13 02:36	50
1,1,1-Trichloroethane	<14		70	14	ug/Kg		06/21/13 08:50	07/03/13 02:36	50
1,1,2,2-Tetrachloroethane	<16		70	16	ug/Kg		06/21/13 08:50	07/03/13 02:36	50
1,1,2-Trichloroethane	<19		70	19	ug/Kg		06/21/13 08:50	07/03/13 02:36	50
1,1-Dichloroethane	<13		70	13	ug/Kg		06/21/13 08:50	07/03/13 02:36	50
1,1-Dichloroethene	<21		70	21	ug/Kg		06/21/13 08:50	07/03/13 02:36	50
1,1-Dichloropropene	<24		70	24	ug/Kg		06/21/13 08:50	07/03/13 02:36	50
1,2,3-Trichlorobenzene	<24		140	24	ug/Kg		06/21/13 08:50	07/03/13 02:36	50
1,2,3-Trichloropropane	<40		140	40	ug/Kg		06/21/13 08:50	07/03/13 02:36	50
1,2,4-Trichlorobenzene	<26		140	26	ug/Kg		06/21/13 08:50	07/03/13 02:36	50
1,2,4-Trimethylbenzene	<15		140	15	ug/Kg		06/21/13 08:50	07/03/13 02:36	50
1,2-Dibromo-3-Chloropropane	<61		140	61	ug/Kg		06/21/13 08:50	07/03/13 02:36	50
1,2-Dibromoethane	<22		140	22	ug/Kg		06/21/13 08:50	07/03/13 02:36	50
1,2-Dichlorobenzene	<14		140	14	ug/Kg		06/21/13 08:50	07/03/13 02:36	50
1,2-Dichloroethane	<20		70	20	ug/Kg		06/21/13 08:50	07/03/13 02:36	50
1,2-Dichloropropane	<14		70	14	ug/Kg		06/21/13 08:50	07/03/13 02:36	50
1,3,5-Trimethylbenzene	<14		140	14	ug/Kg		06/21/13 08:50	07/03/13 02:36	50
1,3-Dichlorobenzene	<18		140	18	ug/Kg		06/21/13 08:50	07/03/13 02:36	50
1,3-Dichloropropane	<9.4		70	9.4	ug/Kg		06/21/13 08:50	07/03/13 02:36	50
1,4-Dichlorobenzene	<12		140	12	ug/Kg		06/21/13 08:50	07/03/13 02:36	50
2,2-Dichloropropane	<22		70	22	ug/Kg		06/21/13 08:50	07/03/13 02:36	50
2-Chlorotoluene	<14		70	14	ug/Kg		06/21/13 08:50	07/03/13 02:36	50
4-Chlorotoluene	<14		70	14	ug/Kg		06/21/13 08:50	07/03/13 02:36	50
Benzene	<5.2		17	5.2	ug/Kg		06/21/13 08:50	07/03/13 02:36	50
Bromobenzene	<30		140	30	ug/Kg		06/21/13 08:50	07/03/13 02:36	50
Bromochloromethane	<26		140	26	ug/Kg		06/21/13 08:50	07/03/13 02:36	50
Bromodichloromethane	<24		140	24	ug/Kg		06/21/13 08:50	07/03/13 02:36	50
Bromoform	<31		140	31	ug/Kg		06/21/13 08:50	07/03/13 02:36	50
Bromomethane	<48		140	48	ug/Kg		06/21/13 08:50	07/03/13 02:36	50
Carbon tetrachloride	<18		70	18	ug/Kg		06/21/13 08:50	07/03/13 02:36	50
Chlorobenzene	<10		70	10	ug/Kg		06/21/13 08:50	07/03/13 02:36	50
Chloroethane	<30		140	30	ug/Kg		06/21/13 08:50	07/03/13 02:36	50
Chloroform	<14		70	14	ug/Kg		06/21/13 08:50	07/03/13 02:36	50
Chloromethane	<32		140	32	ug/Kg		06/21/13 08:50	07/03/13 02:36	50
cis-1,2-Dichloroethene	<8.6		70	8.6	ug/Kg		06/21/13 08:50	07/03/13 02:36	50
cis-1,3-Dichloropropene	<12		70	12	ug/Kg		06/21/13 08:50	07/03/13 02:36	50
Dibromochloromethane	<24		140	24	ug/Kg		06/21/13 08:50	07/03/13 02:36	50
Dibromomethane	<34		140	34	ug/Kg		06/21/13 08:50	07/03/13 02:36	50
Dichlorodifluoromethane	<36		140	36	ug/Kg		06/21/13 08:50	07/03/13 02:36	50
Ethylbenzene	32		17	8.8	ug/Kg		06/21/13 08:50	07/03/13 02:36	50
Hexachlorobutadiene	<24		140	24	ug/Kg		06/21/13 08:50	07/03/13 02:36	50
Isopropyl ether	<10		140	10	ug/Kg		06/21/13 08:50	07/03/13 02:36	50
Isopropylbenzene	<18		140	18	ug/Kg		06/21/13 08:50	07/03/13 02:36	50
Methyl tert-butyl ether	<30		140	30	ug/Kg		06/21/13 08:50	07/03/13 02:36	50
Methylene Chloride	<48		350	48	ug/Kg		06/21/13 08:50	07/03/13 02:36	50
Naphthalene	180		140	34	ug/Kg		06/21/13 08:50	07/03/13 02:36	50
n-Butylbenzene	<9.0		70	9.0	ug/Kg		06/21/13 08:50	07/03/13 02:36	50
N-Propylbenzene	<12		140	12	ug/Kg		06/21/13 08:50	07/03/13 02:36	50
p-Isopropyltoluene	<13		140	13	ug/Kg		06/21/13 08:50	07/03/13 02:36	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-58359-1

Client Sample ID: SB-739 17-20'

Lab Sample ID: 500-58359-10

Date Collected: 06/21/13 08:50

Matrix: Solid

Date Received: 06/22/13 09:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<11		70	11	ug/Kg		06/21/13 08:50	07/03/13 02:36	50
Styrene	<6.9		70	6.9	ug/Kg		06/21/13 08:50	07/03/13 02:36	50
tert-Butylbenzene	<9.5		70	9.5	ug/Kg		06/21/13 08:50	07/03/13 02:36	50
Tetrachloroethene	<12		70	12	ug/Kg		06/21/13 08:50	07/03/13 02:36	50
Toluene	59		17	8.0	ug/Kg		06/21/13 08:50	07/03/13 02:36	50
trans-1,2-Dichloroethene	<17		70	17	ug/Kg		06/21/13 08:50	07/03/13 02:36	50
trans-1,3-Dichloropropene	<15		70	15	ug/Kg		06/21/13 08:50	07/03/13 02:36	50
Trichloroethene	<13		35	13	ug/Kg		06/21/13 08:50	07/03/13 02:36	50
Trichlorofluoromethane	<29		140	29	ug/Kg		06/21/13 08:50	07/03/13 02:36	50
Vinyl chloride	<7.3		17	7.3	ug/Kg		06/21/13 08:50	07/03/13 02:36	50
Xylenes, Total	100		35	4.8	ug/Kg		06/21/13 08:50	07/03/13 02:36	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		75 - 125				06/21/13 08:50	07/03/13 02:36	50
4-Bromofluorobenzene (Surr)	94		75 - 120				06/21/13 08:50	07/03/13 02:36	50
Dibromofluoromethane	94		75 - 120				06/21/13 08:50	07/03/13 02:36	50
Toluene-d8 (Surr)	101		75 - 120				06/21/13 08:50	07/03/13 02:36	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<19		38	19	ug/Kg	☼	06/26/13 07:09	07/09/13 04:10	1
2-Methylnaphthalene	<49		190	49	ug/Kg	☼	06/26/13 07:09	07/09/13 04:10	1
Acenaphthene	<11		38	11	ug/Kg	☼	06/26/13 07:09	07/09/13 04:10	1
Acenaphthylene	<8.7		38	8.7	ug/Kg	☼	06/26/13 07:09	07/09/13 04:10	1
Anthracene	<8.9		38	8.9	ug/Kg	☼	06/26/13 07:09	07/09/13 04:10	1
Benzo[a]anthracene	<8.0		38	8.0	ug/Kg	☼	06/26/13 07:09	07/09/13 04:10	1
Benzo[a]pyrene	<6.9		38	6.9	ug/Kg	☼	06/26/13 07:09	07/09/13 04:10	1
Benzo[b]fluoranthene	<7.4		38	7.4	ug/Kg	☼	06/26/13 07:09	07/09/13 04:10	1
Benzo[g,h,i]perylene	<13		38	13	ug/Kg	☼	06/26/13 07:09	07/09/13 04:10	1
Benzo[k]fluoranthene	<9.1		38	9.1	ug/Kg	☼	06/26/13 07:09	07/09/13 04:10	1
Chrysene	10 J		38	8.6	ug/Kg	☼	06/26/13 07:09	07/09/13 04:10	1
Dibenz(a,h)anthracene	<11		38	11	ug/Kg	☼	06/26/13 07:09	07/09/13 04:10	1
Fluoranthene	<16		38	16	ug/Kg	☼	06/26/13 07:09	07/09/13 04:10	1
Fluorene	<8.6		38	8.6	ug/Kg	☼	06/26/13 07:09	07/09/13 04:10	1
Indeno[1,2,3-cd]pyrene	<13		38	13	ug/Kg	☼	06/26/13 07:09	07/09/13 04:10	1
Naphthalene	120		38	7.3	ug/Kg	☼	06/26/13 07:09	07/09/13 04:10	1
Phenanthrene	<16		38	16	ug/Kg	☼	06/26/13 07:09	07/09/13 04:10	1
Pyrene	<14		38	14	ug/Kg	☼	06/26/13 07:09	07/09/13 04:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	45		30 - 119				06/26/13 07:09	07/09/13 04:10	1
Nitrobenzene-d5 (Surr)	30		30 - 115				06/26/13 07:09	07/09/13 04:10	1
Terphenyl-d14 (Surr)	92		36 - 134				06/26/13 07:09	07/09/13 04:10	1

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-58359-1

Client Sample ID: SB-737 18-20'

Lab Sample ID: 500-58359-11

Date Collected: 06/21/13 09:00

Matrix: Solid

Date Received: 06/22/13 09:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<23		130	23	ug/Kg		06/21/13 09:00	07/03/13 03:02	50
1,1,1-Trichloroethane	<13		67	13	ug/Kg		06/21/13 09:00	07/03/13 03:02	50
1,1,1,2,2-Tetrachloroethane	<16		67	16	ug/Kg		06/21/13 09:00	07/03/13 03:02	50
1,1,1,2-Trichloroethane	<19		67	19	ug/Kg		06/21/13 09:00	07/03/13 03:02	50
1,1-Dichloroethane	<12		67	12	ug/Kg		06/21/13 09:00	07/03/13 03:02	50
1,1-Dichloroethene	<21		67	21	ug/Kg		06/21/13 09:00	07/03/13 03:02	50
1,1-Dichloropropene	<23		67	23	ug/Kg		06/21/13 09:00	07/03/13 03:02	50
1,2,3-Trichlorobenzene	<23		130	23	ug/Kg		06/21/13 09:00	07/03/13 03:02	50
1,2,3-Trichloropropane	<38		130	38	ug/Kg		06/21/13 09:00	07/03/13 03:02	50
1,2,4-Trichlorobenzene	<25		130	25	ug/Kg		06/21/13 09:00	07/03/13 03:02	50
1,2,4-Trimethylbenzene	<14		130	14	ug/Kg		06/21/13 09:00	07/03/13 03:02	50
1,2-Dibromo-3-Chloropropane	<58		130	58	ug/Kg		06/21/13 09:00	07/03/13 03:02	50
1,2-Dibromoethane	<21		130	21	ug/Kg		06/21/13 09:00	07/03/13 03:02	50
1,2-Dichlorobenzene	<14		130	14	ug/Kg		06/21/13 09:00	07/03/13 03:02	50
1,2-Dichloroethane	<19		67	19	ug/Kg		06/21/13 09:00	07/03/13 03:02	50
1,2-Dichloropropane	<13		67	13	ug/Kg		06/21/13 09:00	07/03/13 03:02	50
1,3,5-Trimethylbenzene	<14		130	14	ug/Kg		06/21/13 09:00	07/03/13 03:02	50
1,3-Dichlorobenzene	<17		130	17	ug/Kg		06/21/13 09:00	07/03/13 03:02	50
1,3-Dichloropropane	<9.0		67	9.0	ug/Kg		06/21/13 09:00	07/03/13 03:02	50
1,4-Dichlorobenzene	<12		130	12	ug/Kg		06/21/13 09:00	07/03/13 03:02	50
2,2-Dichloropropane	<21		67	21	ug/Kg		06/21/13 09:00	07/03/13 03:02	50
2-Chlorotoluene	<14		67	14	ug/Kg		06/21/13 09:00	07/03/13 03:02	50
4-Chlorotoluene	<13		67	13	ug/Kg		06/21/13 09:00	07/03/13 03:02	50
Benzene	<5.0		17	5.0	ug/Kg		06/21/13 09:00	07/03/13 03:02	50
Bromobenzene	<28		130	28	ug/Kg		06/21/13 09:00	07/03/13 03:02	50
Bromochloromethane	<25		130	25	ug/Kg		06/21/13 09:00	07/03/13 03:02	50
Bromodichloromethane	<23		130	23	ug/Kg		06/21/13 09:00	07/03/13 03:02	50
Bromoform	<30		130	30	ug/Kg		06/21/13 09:00	07/03/13 03:02	50
Bromomethane	<46		130	46	ug/Kg		06/21/13 09:00	07/03/13 03:02	50
Carbon tetrachloride	<17		67	17	ug/Kg		06/21/13 09:00	07/03/13 03:02	50
Chlorobenzene	<9.6		67	9.6	ug/Kg		06/21/13 09:00	07/03/13 03:02	50
Chloroethane	<29		130	29	ug/Kg		06/21/13 09:00	07/03/13 03:02	50
Chloroform	<14		67	14	ug/Kg		06/21/13 09:00	07/03/13 03:02	50
Chloromethane	<31		130	31	ug/Kg		06/21/13 09:00	07/03/13 03:02	50
cis-1,2-Dichloroethene	<8.2		67	8.2	ug/Kg		06/21/13 09:00	07/03/13 03:02	50
cis-1,3-Dichloropropene	<12		67	12	ug/Kg		06/21/13 09:00	07/03/13 03:02	50
Dibromochloromethane	<23		130	23	ug/Kg		06/21/13 09:00	07/03/13 03:02	50
Dibromomethane	<32		130	32	ug/Kg		06/21/13 09:00	07/03/13 03:02	50
Dichlorodifluoromethane	<34		130	34	ug/Kg		06/21/13 09:00	07/03/13 03:02	50
Ethylbenzene	<8.4		17	8.4	ug/Kg		06/21/13 09:00	07/03/13 03:02	50
Hexachlorobutadiene	<23		130	23	ug/Kg		06/21/13 09:00	07/03/13 03:02	50
Isopropyl ether	<9.8		130	9.8	ug/Kg		06/21/13 09:00	07/03/13 03:02	50
Isopropylbenzene	<17		130	17	ug/Kg		06/21/13 09:00	07/03/13 03:02	50
Methyl tert-butyl ether	<29		130	29	ug/Kg		06/21/13 09:00	07/03/13 03:02	50
Methylene Chloride	<46		330	46	ug/Kg		06/21/13 09:00	07/03/13 03:02	50
Naphthalene	<33		130	33	ug/Kg		06/21/13 09:00	07/03/13 03:02	50
n-Butylbenzene	<8.6		67	8.6	ug/Kg		06/21/13 09:00	07/03/13 03:02	50
N-Propylbenzene	<12		130	12	ug/Kg		06/21/13 09:00	07/03/13 03:02	50
p-Isopropyltoluene	<12		130	12	ug/Kg		06/21/13 09:00	07/03/13 03:02	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-58359-1

Client Sample ID: SB-737 18-20'

Lab Sample ID: 500-58359-11

Date Collected: 06/21/13 09:00

Matrix: Solid

Date Received: 06/22/13 09:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<10		67	10	ug/Kg		06/21/13 09:00	07/03/13 03:02	50
Styrene	<6.6		67	6.6	ug/Kg		06/21/13 09:00	07/03/13 03:02	50
tert-Butylbenzene	<9.1		67	9.1	ug/Kg		06/21/13 09:00	07/03/13 03:02	50
Tetrachloroethene	<11		67	11	ug/Kg		06/21/13 09:00	07/03/13 03:02	50
Toluene	22		17	7.7	ug/Kg		06/21/13 09:00	07/03/13 03:02	50
trans-1,2-Dichloroethene	<17		67	17	ug/Kg		06/21/13 09:00	07/03/13 03:02	50
trans-1,3-Dichloropropene	<14		67	14	ug/Kg		06/21/13 09:00	07/03/13 03:02	50
Trichloroethene	<12		33	12	ug/Kg		06/21/13 09:00	07/03/13 03:02	50
Trichlorofluoromethane	<28		130	28	ug/Kg		06/21/13 09:00	07/03/13 03:02	50
Vinyl chloride	<7.0		17	7.0	ug/Kg		06/21/13 09:00	07/03/13 03:02	50
Xylenes, Total	<4.6		33	4.6	ug/Kg		06/21/13 09:00	07/03/13 03:02	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		75 - 125				06/21/13 09:00	07/03/13 03:02	50
4-Bromofluorobenzene (Surr)	94		75 - 120				06/21/13 09:00	07/03/13 03:02	50
Dibromofluoromethane	94		75 - 120				06/21/13 09:00	07/03/13 03:02	50
Toluene-d8 (Surr)	101		75 - 120				06/21/13 09:00	07/03/13 03:02	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<18		36	18	ug/Kg	☼	06/26/13 07:09	07/09/13 04:27	1
2-Methylnaphthalene	<46		180	46	ug/Kg	☼	06/26/13 07:09	07/09/13 04:27	1
Acenaphthene	<11		36	11	ug/Kg	☼	06/26/13 07:09	07/09/13 04:27	1
Acenaphthylene	<8.2		36	8.2	ug/Kg	☼	06/26/13 07:09	07/09/13 04:27	1
Anthracene	<8.4		36	8.4	ug/Kg	☼	06/26/13 07:09	07/09/13 04:27	1
Benzo[a]anthracene	<7.5		36	7.5	ug/Kg	☼	06/26/13 07:09	07/09/13 04:27	1
Benzo[a]pyrene	<6.5		36	6.5	ug/Kg	☼	06/26/13 07:09	07/09/13 04:27	1
Benzo[b]fluoranthene	<6.9		36	6.9	ug/Kg	☼	06/26/13 07:09	07/09/13 04:27	1
Benzo[g,h,i]perylene	<12		36	12	ug/Kg	☼	06/26/13 07:09	07/09/13 04:27	1
Benzo[k]fluoranthene	<8.5		36	8.5	ug/Kg	☼	06/26/13 07:09	07/09/13 04:27	1
Chrysene	14 J		36	8.1	ug/Kg	☼	06/26/13 07:09	07/09/13 04:27	1
Dibenz(a,h)anthracene	<10		36	10	ug/Kg	☼	06/26/13 07:09	07/09/13 04:27	1
Fluoranthene	<15		36	15	ug/Kg	☼	06/26/13 07:09	07/09/13 04:27	1
Fluorene	<8.1		36	8.1	ug/Kg	☼	06/26/13 07:09	07/09/13 04:27	1
Indeno[1,2,3-cd]pyrene	<12		36	12	ug/Kg	☼	06/26/13 07:09	07/09/13 04:27	1
Naphthalene	<6.9		36	6.9	ug/Kg	☼	06/26/13 07:09	07/09/13 04:27	1
Phenanthrene	20 J		36	15	ug/Kg	☼	06/26/13 07:09	07/09/13 04:27	1
Pyrene	<13		36	13	ug/Kg	☼	06/26/13 07:09	07/09/13 04:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	56		30 - 119				06/26/13 07:09	07/09/13 04:27	1
Nitrobenzene-d5 (Surr)	46		30 - 115				06/26/13 07:09	07/09/13 04:27	1
Terphenyl-d14 (Surr)	92		36 - 134				06/26/13 07:09	07/09/13 04:27	1

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-58359-1

Client Sample ID: Trip Blank

Lab Sample ID: 500-58359-12

Date Collected: 06/13/13 00:00

Matrix: Solid

Date Received: 06/22/13 09:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<17		100	17	ug/Kg		06/13/13 00:00	06/26/13 21:12	50
1,1,1-Trichloroethane	<10		50	10	ug/Kg		06/13/13 00:00	06/26/13 21:12	50
1,1,2,2-Tetrachloroethane	<12		50	12	ug/Kg		06/13/13 00:00	06/26/13 21:12	50
1,1,2-Trichloroethane	<14		50	14	ug/Kg		06/13/13 00:00	06/26/13 21:12	50
1,1-Dichloroethane	<9.3		50	9.3	ug/Kg		06/13/13 00:00	06/26/13 21:12	50
1,1-Dichloroethene	<15		50	15	ug/Kg		06/13/13 00:00	06/26/13 21:12	50
1,1-Dichloropropene	<17		50	17	ug/Kg		06/13/13 00:00	06/26/13 21:12	50
1,2,3-Trichlorobenzene	<18		100	18	ug/Kg		06/13/13 00:00	06/26/13 21:12	50
1,2,3-Trichloropropane	<29		100	29	ug/Kg		06/13/13 00:00	06/26/13 21:12	50
1,2,4-Trichlorobenzene	<19		100	19	ug/Kg		06/13/13 00:00	06/26/13 21:12	50
1,2,4-Trimethylbenzene	<11		100	11	ug/Kg		06/13/13 00:00	06/26/13 21:12	50
1,2-Dibromo-3-Chloropropane	<44		100	44	ug/Kg		06/13/13 00:00	06/26/13 21:12	50
1,2-Dibromoethane	<16		100	16	ug/Kg		06/13/13 00:00	06/26/13 21:12	50
1,2-Dichlorobenzene	<10		100	10	ug/Kg		06/13/13 00:00	06/26/13 21:12	50
1,2-Dichloroethane	<14		50	14	ug/Kg		06/13/13 00:00	06/26/13 21:12	50
1,2-Dichloropropane	<9.8		50	9.8	ug/Kg		06/13/13 00:00	06/26/13 21:12	50
1,3,5-Trimethylbenzene	<10		100	10	ug/Kg		06/13/13 00:00	06/26/13 21:12	50
1,3-Dichlorobenzene	<13		100	13	ug/Kg		06/13/13 00:00	06/26/13 21:12	50
1,3-Dichloropropane	<6.7		50	6.7	ug/Kg		06/13/13 00:00	06/26/13 21:12	50
1,4-Dichlorobenzene	<8.7		100	8.7	ug/Kg		06/13/13 00:00	06/26/13 21:12	50
2,2-Dichloropropane	<16		50	16	ug/Kg		06/13/13 00:00	06/26/13 21:12	50
2-Chlorotoluene	<10		50	10	ug/Kg		06/13/13 00:00	06/26/13 21:12	50
4-Chlorotoluene	<9.9		50	9.9	ug/Kg		06/13/13 00:00	06/26/13 21:12	50
Benzene	<3.7		13	3.7	ug/Kg		06/13/13 00:00	06/26/13 21:12	50
Bromobenzene	<21		100	21	ug/Kg		06/13/13 00:00	06/26/13 21:12	50
Bromochloromethane	<19		100	19	ug/Kg		06/13/13 00:00	06/26/13 21:12	50
Bromodichloromethane	<17		100	17	ug/Kg		06/13/13 00:00	06/26/13 21:12	50
Bromoform	<22		100	22	ug/Kg		06/13/13 00:00	06/26/13 21:12	50
Bromomethane	<34		100	34	ug/Kg		06/13/13 00:00	06/26/13 21:12	50
Carbon tetrachloride	<13		50	13	ug/Kg		06/13/13 00:00	06/26/13 21:12	50
Chlorobenzene	<7.2		50	7.2	ug/Kg		06/13/13 00:00	06/26/13 21:12	50
Chloroethane	<22		100	22	ug/Kg		06/13/13 00:00	06/26/13 21:12	50
Chloroform	<10		50	10	ug/Kg		06/13/13 00:00	06/26/13 21:12	50
Chloromethane	<23		100	23	ug/Kg		06/13/13 00:00	06/26/13 21:12	50
cis-1,2-Dichloroethene	<6.2		50	6.2	ug/Kg		06/13/13 00:00	06/26/13 21:12	50
cis-1,3-Dichloropropene	<8.9		50	8.9	ug/Kg		06/13/13 00:00	06/26/13 21:12	50
Dibromochloromethane	<17		100	17	ug/Kg		06/13/13 00:00	06/26/13 21:12	50
Dibromomethane	<24		100	24	ug/Kg		06/13/13 00:00	06/26/13 21:12	50
Dichlorodifluoromethane	<26		100	26	ug/Kg		06/13/13 00:00	06/26/13 21:12	50
Ethylbenzene	<6.3		13	6.3	ug/Kg		06/13/13 00:00	06/26/13 21:12	50
Hexachlorobutadiene	<17		100	17	ug/Kg		06/13/13 00:00	06/26/13 21:12	50
Isopropyl ether	<7.4		100	7.4	ug/Kg		06/13/13 00:00	06/26/13 21:12	50
Isopropylbenzene	<13		100	13	ug/Kg		06/13/13 00:00	06/26/13 21:12	50
Methyl tert-butyl ether	<22		100	22	ug/Kg		06/13/13 00:00	06/26/13 21:12	50
Methylene Chloride	<34		250	34	ug/Kg		06/13/13 00:00	06/26/13 21:12	50
Naphthalene	<25		100	25	ug/Kg		06/13/13 00:00	06/26/13 21:12	50
n-Butylbenzene	<6.5		50	6.5	ug/Kg		06/13/13 00:00	06/26/13 21:12	50
N-Propylbenzene	<8.8		100	8.8	ug/Kg		06/13/13 00:00	06/26/13 21:12	50
p-Isopropyltoluene	<9.3		100	9.3	ug/Kg		06/13/13 00:00	06/26/13 21:12	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-58359-1

Client Sample ID: Trip Blank

Lab Sample ID: 500-58359-12

Date Collected: 06/13/13 00:00

Matrix: Solid

Date Received: 06/22/13 09:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<7.7		50	7.7	ug/Kg		06/13/13 00:00	06/26/13 21:12	50
Styrene	<4.9		50	4.9	ug/Kg		06/13/13 00:00	06/26/13 21:12	50
tert-Butylbenzene	<6.8		50	6.8	ug/Kg		06/13/13 00:00	06/26/13 21:12	50
Tetrachloroethene	<8.4		50	8.4	ug/Kg		06/13/13 00:00	06/26/13 21:12	50
Toluene	16		13	5.8	ug/Kg		06/13/13 00:00	06/26/13 21:12	50
trans-1,2-Dichloroethene	<13		50	13	ug/Kg		06/13/13 00:00	06/26/13 21:12	50
trans-1,3-Dichloropropene	<10		50	10	ug/Kg		06/13/13 00:00	06/26/13 21:12	50
Trichloroethene	<9.3		25	9.3	ug/Kg		06/13/13 00:00	06/26/13 21:12	50
Trichlorofluoromethane	<21		100	21	ug/Kg		06/13/13 00:00	06/26/13 21:12	50
Vinyl chloride	<5.2		13	5.2	ug/Kg		06/13/13 00:00	06/26/13 21:12	50
Xylenes, Total	<3.4		25	3.4	ug/Kg		06/13/13 00:00	06/26/13 21:12	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		75 - 125				06/13/13 00:00	06/26/13 21:12	50
4-Bromofluorobenzene (Surr)	90		75 - 120				06/13/13 00:00	06/26/13 21:12	50
Dibromofluoromethane	75		75 - 120				06/13/13 00:00	06/26/13 21:12	50
Toluene-d8 (Surr)	98		75 - 120				06/13/13 00:00	06/26/13 21:12	50

Definitions/Glossary

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-58359-1

Qualifiers

GC/MS 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.
F	MS or MSD exceeds the control limits

GC/MS 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.
X	Surrogate is outside control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	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
DER	Duplicate error ratio (normalized absolute difference)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

QC Association Summary

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-58359-1

GC/MS VOA

Prep Batch: 190799

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-58359-1	SB-732 20'	Total/NA	Solid	5035	
500-58359-2	SB-733 20'	Total/NA	Solid	5035	
500-58359-3	SB-734 20'	Total/NA	Solid	5035	
500-58359-4	SB-735 20'	Total/NA	Solid	5035	
500-58359-5	SB-736 20'	Total/NA	Solid	5035	
500-58359-6	SB-725 A1 20'	Total/NA	Solid	5035	
500-58359-7	SB-740 20'	Total/NA	Solid	5035	
500-58359-8	SB-725 C-3 20'	Total/NA	Solid	5035	
500-58359-8 MS	SB-725 C-3 20'	Total/NA	Solid	5035	
500-58359-8 MSD	SB-725 C-3 20'	Total/NA	Solid	5035	
500-58359-9	SB-738 18-20'	Total/NA	Solid	5035	
500-58359-10	SB-739 17-20'	Total/NA	Solid	5035	
500-58359-11	SB-737 18-20'	Total/NA	Solid	5035	
500-58359-12	Trip Blank	Total/NA	Solid	5035	
LB3 500-190799/13-A LB3	Method Blank	Total/NA	Solid	5035	
LCS 500-190799/14-A	Lab Control Sample	Total/NA	Solid	5035	

Analysis Batch: 191072

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-58359-1	SB-732 20'	Total/NA	Solid	8260B	190799
500-58359-2	SB-733 20'	Total/NA	Solid	8260B	190799
500-58359-3	SB-734 20'	Total/NA	Solid	8260B	190799
500-58359-4	SB-735 20'	Total/NA	Solid	8260B	190799
500-58359-5	SB-736 20'	Total/NA	Solid	8260B	190799
500-58359-6	SB-725 A1 20'	Total/NA	Solid	8260B	190799
500-58359-7	SB-740 20'	Total/NA	Solid	8260B	190799
500-58359-8	SB-725 C-3 20'	Total/NA	Solid	8260B	190799
500-58359-8 MS	SB-725 C-3 20'	Total/NA	Solid	8260B	190799
500-58359-8 MSD	SB-725 C-3 20'	Total/NA	Solid	8260B	190799
500-58359-12	Trip Blank	Total/NA	Solid	8260B	190799
LB3 500-190799/13-A LB3	Method Blank	Total/NA	Solid	8260B	190799
LCS 500-190799/14-A	Lab Control Sample	Total/NA	Solid	8260B	190799
LCS 500-191072/6	Lab Control Sample	Total/NA	Solid	8260B	
MB 500-191072/5	Method Blank	Total/NA	Solid	8260B	

Analysis Batch: 191888

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-58359-9	SB-738 18-20'	Total/NA	Solid	8260B	190799
500-58359-10	SB-739 17-20'	Total/NA	Solid	8260B	190799
500-58359-11	SB-737 18-20'	Total/NA	Solid	8260B	190799
LCS 500-191888/30	Lab Control Sample	Total/NA	Solid	8260B	
MB 500-191888/6	Method Blank	Total/NA	Solid	8260B	

GC/MS Semi VOA

Prep Batch: 191095

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-58359-1	SB-732 20'	Total/NA	Solid	3541	
500-58359-1 - DL	SB-732 20'	Total/NA	Solid	3541	
500-58359-1 - DL2	SB-732 20'	Total/NA	Solid	3541	

TestAmerica Chicago

QC Association Summary

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-58359-1

GC/MS Semi VOA (Continued)

Prep Batch: 191095 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-58359-2	SB-733 20'	Total/NA	Solid	3541	
500-58359-3	SB-734 20'	Total/NA	Solid	3541	
500-58359-4	SB-735 20'	Total/NA	Solid	3541	
500-58359-5	SB-736 20'	Total/NA	Solid	3541	
500-58359-5 - DL	SB-736 20'	Total/NA	Solid	3541	
500-58359-6	SB-725 A1 20'	Total/NA	Solid	3541	
500-58359-7	SB-740 20'	Total/NA	Solid	3541	
500-58359-7 - DL	SB-740 20'	Total/NA	Solid	3541	
500-58359-8	SB-725 C-3 20'	Total/NA	Solid	3541	
500-58359-9	SB-738 18-20'	Total/NA	Solid	3541	
500-58359-10	SB-739 17-20'	Total/NA	Solid	3541	
500-58359-11	SB-737 18-20'	Total/NA	Solid	3541	
LCS 500-191095/2-A	Lab Control Sample	Total/NA	Solid	3541	
MB 500-191095/1-A	Method Blank	Total/NA	Solid	3541	

Analysis Batch: 191259

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 500-191095/2-A	Lab Control Sample	Total/NA	Solid	8270D	191095
MB 500-191095/1-A	Method Blank	Total/NA	Solid	8270D	191095

Analysis Batch: 192284

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-58359-8	SB-725 C-3 20'	Total/NA	Solid	8270D	191095
500-58359-9	SB-738 18-20'	Total/NA	Solid	8270D	191095

Analysis Batch: 192474

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-58359-1	SB-732 20'	Total/NA	Solid	8270D	191095
500-58359-1 - DL	SB-732 20'	Total/NA	Solid	8270D	191095
500-58359-2	SB-733 20'	Total/NA	Solid	8270D	191095
500-58359-3	SB-734 20'	Total/NA	Solid	8270D	191095
500-58359-4	SB-735 20'	Total/NA	Solid	8270D	191095
500-58359-5	SB-736 20'	Total/NA	Solid	8270D	191095
500-58359-6	SB-725 A1 20'	Total/NA	Solid	8270D	191095
500-58359-7	SB-740 20'	Total/NA	Solid	8270D	191095
500-58359-10	SB-739 17-20'	Total/NA	Solid	8270D	191095
500-58359-11	SB-737 18-20'	Total/NA	Solid	8270D	191095

Analysis Batch: 192529

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-58359-1 - DL2	SB-732 20'	Total/NA	Solid	8270D	191095
500-58359-5 - DL	SB-736 20'	Total/NA	Solid	8270D	191095
500-58359-7 - DL	SB-740 20'	Total/NA	Solid	8270D	191095

General Chemistry

Analysis Batch: 190743

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-58359-1	SB-732 20'	Total/NA	Solid	Moisture	
500-58359-2	SB-733 20'	Total/NA	Solid	Moisture	

TestAmerica Chicago

QC Association Summary

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-58359-1

General Chemistry (Continued)

Analysis Batch: 190743 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-58359-3	SB-734 20'	Total/NA	Solid	Moisture	
500-58359-4	SB-735 20'	Total/NA	Solid	Moisture	
500-58359-5	SB-736 20'	Total/NA	Solid	Moisture	
500-58359-6	SB-725 A1 20'	Total/NA	Solid	Moisture	
500-58359-7	SB-740 20'	Total/NA	Solid	Moisture	
500-58359-8	SB-725 C-3 20'	Total/NA	Solid	Moisture	
500-58359-9	SB-738 18-20'	Total/NA	Solid	Moisture	
500-58359-10	SB-739 17-20'	Total/NA	Solid	Moisture	
500-58359-11	SB-737 18-20'	Total/NA	Solid	Moisture	

Surrogate Summary

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-58359-1

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

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		12DCE (75-125)	BFB (75-120)	DBFM (75-120)	TOL (75-120)
500-58359-1	SB-732 20'	102	88	83	100
500-58359-2	SB-733 20'	105	94	85	103
500-58359-3	SB-734 20'	103	89	83	98
500-58359-4	SB-735 20'	107	95	85	100
500-58359-5	SB-736 20'	101	91	82	101
500-58359-6	SB-725 A1 20'	105	93	86	96
500-58359-7	SB-740 20'	99	87	79	98
500-58359-8	SB-725 C-3 20'	101	92	82	94
500-58359-8 MS	SB-725 C-3 20'	103	95	87	96
500-58359-8 MSD	SB-725 C-3 20'	108	100	91	101
500-58359-9	SB-738 18-20'	106	90	93	101
500-58359-10	SB-739 17-20'	109	94	94	101
500-58359-11	SB-737 18-20'	105	94	94	101
500-58359-12	Trip Blank	96	90	75	98
LB3 500-190799/13-A LB3	Method Blank	98	88	79	93
LCS 500-190799/14-A	Lab Control Sample	98	89	82	98
LCS 500-191072/6	Lab Control Sample	93	90	79	96
LCS 500-191888/30	Lab Control Sample	102	95	97	102
MB 500-191072/5	Method Blank	100	90	79	98
MB 500-191888/6	Method Blank	102	94	95	101

Surrogate Legend

- 12DCE = 1,2-Dichloroethane-d4 (Surr)
- BFB = 4-Bromofluorobenzene (Surr)
- DBFM = Dibromofluoromethane
- TOL = Toluene-d8 (Surr)

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		FBP (30-119)	NBZ (30-115)	TPH (36-134)
500-58359-1	SB-732 20'	49	22 X	43
500-58359-1 - DL	SB-732 20'	46	28 X	52
500-58359-1 - DL2	SB-732 20'	50	41	49
500-58359-2	SB-733 20'	54	43	80
500-58359-3	SB-734 20'	60	46	78
500-58359-4	SB-735 20'	53	38	94
500-58359-5	SB-736 20'	52	33	86
500-58359-5 - DL	SB-736 20'	46	38	60
500-58359-6	SB-725 A1 20'	49	38	79
500-58359-7	SB-740 20'	44	20 X	82
500-58359-7 - DL	SB-740 20'	46	37	58
500-58359-8	SB-725 C-3 20'	60	64	73
500-58359-9	SB-738 18-20'	41	45	52
500-58359-10	SB-739 17-20'	45	30	92
500-58359-11	SB-737 18-20'	56	46	92
LCS 500-191095/2-A	Lab Control Sample	87	92	93

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Surrogate Summary

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-58359-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	FBP	NBZ	TPH
		(30-119)	(30-115)	(36-134)
MB 500-191095/1-A	Method Blank	89	87	88

Surrogate Legend

FBP = 2-Fluorobiphenyl
NBZ = Nitrobenzene-d5 (Surr)
TPH = Terphenyl-d14 (Surr)

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

QC Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-58359-1

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

Lab Sample ID: LB3 500-190799/13-A LB3

Matrix: Solid

Analysis Batch: 191072

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 190799

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<17		100	17	ug/Kg		06/23/13 18:00	06/26/13 13:18	50
1,1,1-Trichloroethane	<10		50	10	ug/Kg		06/23/13 18:00	06/26/13 13:18	50
1,1,2,2-Tetrachloroethane	<12		50	12	ug/Kg		06/23/13 18:00	06/26/13 13:18	50
1,1,2-Trichloroethane	<14		50	14	ug/Kg		06/23/13 18:00	06/26/13 13:18	50
1,1-Dichloroethane	<9.3		50	9.3	ug/Kg		06/23/13 18:00	06/26/13 13:18	50
1,1-Dichloroethene	<15		50	15	ug/Kg		06/23/13 18:00	06/26/13 13:18	50
1,1-Dichloropropene	<17		50	17	ug/Kg		06/23/13 18:00	06/26/13 13:18	50
1,2,3-Trichlorobenzene	<18		100	18	ug/Kg		06/23/13 18:00	06/26/13 13:18	50
1,2,3-Trichloropropane	<29		100	29	ug/Kg		06/23/13 18:00	06/26/13 13:18	50
1,2,4-Trichlorobenzene	<19		100	19	ug/Kg		06/23/13 18:00	06/26/13 13:18	50
1,2,4-Trimethylbenzene	<11		100	11	ug/Kg		06/23/13 18:00	06/26/13 13:18	50
1,2-Dibromo-3-Chloropropane	<44		100	44	ug/Kg		06/23/13 18:00	06/26/13 13:18	50
1,2-Dibromoethane	<16		100	16	ug/Kg		06/23/13 18:00	06/26/13 13:18	50
1,2-Dichlorobenzene	<10		100	10	ug/Kg		06/23/13 18:00	06/26/13 13:18	50
1,2-Dichloroethane	<14		50	14	ug/Kg		06/23/13 18:00	06/26/13 13:18	50
1,2-Dichloropropane	<9.8		50	9.8	ug/Kg		06/23/13 18:00	06/26/13 13:18	50
1,3,5-Trimethylbenzene	<10		100	10	ug/Kg		06/23/13 18:00	06/26/13 13:18	50
1,3-Dichlorobenzene	<13		100	13	ug/Kg		06/23/13 18:00	06/26/13 13:18	50
1,3-Dichloropropane	<6.7		50	6.7	ug/Kg		06/23/13 18:00	06/26/13 13:18	50
1,4-Dichlorobenzene	<8.7		100	8.7	ug/Kg		06/23/13 18:00	06/26/13 13:18	50
2,2-Dichloropropane	<16		50	16	ug/Kg		06/23/13 18:00	06/26/13 13:18	50
2-Chlorotoluene	<10		50	10	ug/Kg		06/23/13 18:00	06/26/13 13:18	50
4-Chlorotoluene	<9.9		50	9.9	ug/Kg		06/23/13 18:00	06/26/13 13:18	50
Benzene	<3.7		13	3.7	ug/Kg		06/23/13 18:00	06/26/13 13:18	50
Bromobenzene	<21		100	21	ug/Kg		06/23/13 18:00	06/26/13 13:18	50
Bromochloromethane	<19		100	19	ug/Kg		06/23/13 18:00	06/26/13 13:18	50
Bromodichloromethane	<17		100	17	ug/Kg		06/23/13 18:00	06/26/13 13:18	50
Bromoform	<22		100	22	ug/Kg		06/23/13 18:00	06/26/13 13:18	50
Bromomethane	<34		100	34	ug/Kg		06/23/13 18:00	06/26/13 13:18	50
Carbon tetrachloride	<13		50	13	ug/Kg		06/23/13 18:00	06/26/13 13:18	50
Chlorobenzene	<7.2		50	7.2	ug/Kg		06/23/13 18:00	06/26/13 13:18	50
Chloroethane	<22		100	22	ug/Kg		06/23/13 18:00	06/26/13 13:18	50
Chloroform	<10		50	10	ug/Kg		06/23/13 18:00	06/26/13 13:18	50
Chloromethane	<23		100	23	ug/Kg		06/23/13 18:00	06/26/13 13:18	50
cis-1,2-Dichloroethene	<6.2		50	6.2	ug/Kg		06/23/13 18:00	06/26/13 13:18	50
cis-1,3-Dichloropropene	<8.9		50	8.9	ug/Kg		06/23/13 18:00	06/26/13 13:18	50
Dibromochloromethane	<17		100	17	ug/Kg		06/23/13 18:00	06/26/13 13:18	50
Dibromomethane	<24		100	24	ug/Kg		06/23/13 18:00	06/26/13 13:18	50
Dichlorodifluoromethane	<26		100	26	ug/Kg		06/23/13 18:00	06/26/13 13:18	50
Ethylbenzene	<6.3		13	6.3	ug/Kg		06/23/13 18:00	06/26/13 13:18	50
Hexachlorobutadiene	<17		100	17	ug/Kg		06/23/13 18:00	06/26/13 13:18	50
Isopropyl ether	<7.4		100	7.4	ug/Kg		06/23/13 18:00	06/26/13 13:18	50
Isopropylbenzene	<13		100	13	ug/Kg		06/23/13 18:00	06/26/13 13:18	50
Methyl tert-butyl ether	<22		100	22	ug/Kg		06/23/13 18:00	06/26/13 13:18	50
Methylene Chloride	<34		250	34	ug/Kg		06/23/13 18:00	06/26/13 13:18	50
Naphthalene	<25		100	25	ug/Kg		06/23/13 18:00	06/26/13 13:18	50
n-Butylbenzene	<6.5		50	6.5	ug/Kg		06/23/13 18:00	06/26/13 13:18	50
N-Propylbenzene	<8.8		100	8.8	ug/Kg		06/23/13 18:00	06/26/13 13:18	50

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-58359-1

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

Lab Sample ID: LB3 500-190799/13-A LB3

Matrix: Solid

Analysis Batch: 191072

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 190799

Analyte	LB3	LB3	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
p-Isopropyltoluene	<9.3		100	9.3	ug/Kg		06/23/13 18:00	06/26/13 13:18	50
sec-Butylbenzene	<7.7		50	7.7	ug/Kg		06/23/13 18:00	06/26/13 13:18	50
Styrene	<4.9		50	4.9	ug/Kg		06/23/13 18:00	06/26/13 13:18	50
tert-Butylbenzene	<6.8		50	6.8	ug/Kg		06/23/13 18:00	06/26/13 13:18	50
Tetrachloroethene	<8.4		50	8.4	ug/Kg		06/23/13 18:00	06/26/13 13:18	50
Toluene	<5.8		13	5.8	ug/Kg		06/23/13 18:00	06/26/13 13:18	50
trans-1,2-Dichloroethene	<13		50	13	ug/Kg		06/23/13 18:00	06/26/13 13:18	50
trans-1,3-Dichloropropene	<10		50	10	ug/Kg		06/23/13 18:00	06/26/13 13:18	50
Trichloroethene	<9.3		25	9.3	ug/Kg		06/23/13 18:00	06/26/13 13:18	50
Trichlorofluoromethane	<21		100	21	ug/Kg		06/23/13 18:00	06/26/13 13:18	50
Vinyl chloride	<5.2		13	5.2	ug/Kg		06/23/13 18:00	06/26/13 13:18	50
Xylenes, Total	<3.4		25	3.4	ug/Kg		06/23/13 18:00	06/26/13 13:18	50

Surrogate	LB3	LB3	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	98		75 - 125	06/23/13 18:00	06/26/13 13:18	50
4-Bromofluorobenzene (Surr)	88		75 - 120	06/23/13 18:00	06/26/13 13:18	50
Dibromofluoromethane	79		75 - 120	06/23/13 18:00	06/26/13 13:18	50
Toluene-d8 (Surr)	93		75 - 120	06/23/13 18:00	06/26/13 13:18	50

Lab Sample ID: LCS 500-190799/14-A

Matrix: Solid

Analysis Batch: 191072

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 190799

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
1,1,1,2-Tetrachloroethane	2500	2390		ug/Kg		96	75 - 120
1,1,1-Trichloroethane	2500	2060		ug/Kg		82	70 - 123
1,1,2,2-Tetrachloroethane	2500	2390		ug/Kg		96	70 - 128
1,1,2-Trichloroethane	2500	2480		ug/Kg		99	69 - 120
1,1-Dichloroethane	2500	2440		ug/Kg		98	68 - 121
1,1-Dichloroethene	2500	2270		ug/Kg		91	58 - 122
1,1-Dichloropropene	2500	2060		ug/Kg		82	70 - 120
1,2,3-Trichlorobenzene	2500	2460		ug/Kg		98	56 - 137
1,2,3-Trichloropropene	2500	2180		ug/Kg		87	70 - 120
1,2,4-Trichlorobenzene	2500	2380		ug/Kg		95	65 - 121
1,2,4-Trimethylbenzene	2500	2220		ug/Kg		89	75 - 121
1,2-Dibromo-3-Chloropropane	2500	2080		ug/Kg		83	60 - 121
1,2-Dibromoethane	2500	2490		ug/Kg		100	70 - 120
1,2-Dichlorobenzene	2500	2120		ug/Kg		85	75 - 120
1,2-Dichloroethane	2500	2560		ug/Kg		103	69 - 120
1,2-Dichloropropane	2500	2780		ug/Kg		111	70 - 120
1,3,5-Trimethylbenzene	2500	2270		ug/Kg		91	75 - 123
1,3-Dichlorobenzene	2500	2090		ug/Kg		84	70 - 120
1,3-Dichloropropane	2500	2400		ug/Kg		96	70 - 120
1,4-Dichlorobenzene	2500	2230		ug/Kg		89	75 - 120
2,2-Dichloropropane	2500	1890		ug/Kg		76	67 - 125
2-Chlorotoluene	2500	2040		ug/Kg		82	70 - 120
4-Chlorotoluene	2500	1930		ug/Kg		77	70 - 120
Benzene	2500	2360		ug/Kg		94	70 - 120

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-58359-1

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

Lab Sample ID: LCS 500-190799/14-A

Matrix: Solid

Analysis Batch: 191072

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 190799

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromobenzene	2500	2440		ug/Kg		97	70 - 120
Bromochloromethane	2500	2300		ug/Kg		92	67 - 122
Bromodichloromethane	2500	2240		ug/Kg		90	70 - 120
Bromoform	2500	2570		ug/Kg		103	70 - 125
Bromomethane	2500	1870		ug/Kg		75	50 - 150
Carbon tetrachloride	2500	2270		ug/Kg		91	70 - 125
Chlorobenzene	2500	2250		ug/Kg		90	70 - 120
Chloroethane	2500	1390		ug/Kg		55	50 - 150
Chloroform	2500	2090		ug/Kg		84	70 - 120
Chloromethane	2500	1620		ug/Kg		65	50 - 134
cis-1,2-Dichloroethene	2500	2130		ug/Kg		85	70 - 120
cis-1,3-Dichloropropene	2690	2580		ug/Kg		96	70 - 120
Dibromochloromethane	2500	2370		ug/Kg		95	70 - 120
Dibromomethane	2500	2360		ug/Kg		94	70 - 120
Dichlorodifluoromethane	2500	1410		ug/Kg		56	40 - 140
Ethylbenzene	2500	2440		ug/Kg		97	75 - 120
Hexachlorobutadiene	2500	2410		ug/Kg		96	65 - 135
Isopropylbenzene	2500	2020		ug/Kg		81	70 - 120
Methyl tert-butyl ether	2500	2210		ug/Kg		88	58 - 122
Methylene Chloride	2500	2230		ug/Kg		89	65 - 125
Naphthalene	2500	2330		ug/Kg		93	55 - 132
n-Butylbenzene	2500	2310		ug/Kg		92	75 - 120
N-Propylbenzene	2500	2030		ug/Kg		81	70 - 120
p-Isopropyltoluene	2500	2080		ug/Kg		83	70 - 120
sec-Butylbenzene	2500	2060		ug/Kg		82	70 - 120
Styrene	2500	2430		ug/Kg		97	75 - 120
tert-Butylbenzene	2500	2010		ug/Kg		80	70 - 120
Tetrachloroethene	2500	2590		ug/Kg		104	70 - 123
Toluene	2500	2460		ug/Kg		98	70 - 120
trans-1,2-Dichloroethene	2500	2270		ug/Kg		91	70 - 124
trans-1,3-Dichloropropene	2430	2270		ug/Kg		93	70 - 120
Trichloroethene	2500	2450		ug/Kg		98	70 - 120
Trichlorofluoromethane	2500	2000		ug/Kg		80	63 - 134
Vinyl chloride	2500	2260		ug/Kg		90	62 - 138
Xylenes, Total	7500	6800		ug/Kg		91	70 - 120

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	98		75 - 125
4-Bromofluorobenzene (Surr)	89		75 - 120
Dibromofluoromethane	82		75 - 120
Toluene-d8 (Surr)	98		75 - 120

Lab Sample ID: 500-58359-8 MS

Matrix: Solid

Analysis Batch: 191072

Client Sample ID: SB-725 C-3 20'

Prep Type: Total/NA

Prep Batch: 190799

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	<23		3380	3770		ug/Kg		112	75 - 120

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-58359-1

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

Lab Sample ID: 500-58359-8 MS

Matrix: Solid

Analysis Batch: 191072

Client Sample ID: SB-725 C-3 20'

Prep Type: Total/NA

Prep Batch: 190799

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.
	Result	Qualifier	Added	Result	Qualifier				Limits
1,1,1-Trichloroethane	<14		3380	2660		ug/Kg		79	70 - 123
1,1,1,2,2-Tetrachloroethane	<16		3380	3660		ug/Kg		108	70 - 128
1,1,2-Trichloroethane	<19		3380	3640		ug/Kg		108	69 - 120
1,1-Dichloroethane	<13		3380	3350		ug/Kg		99	68 - 121
1,1-Dichloroethene	<21		3380	3050		ug/Kg		90	58 - 122
1,1-Dichloropropene	<23		3380	2880		ug/Kg		85	70 - 120
1,2,3-Trichlorobenzene	<24		3380	3560		ug/Kg		105	56 - 137
1,2,3-Trichloropropane	<39		3380	3410		ug/Kg		101	70 - 120
1,2,4-Trichlorobenzene	<26		3380	3440		ug/Kg		102	65 - 121
1,2,4-Trimethylbenzene	<14		3380	3040		ug/Kg		90	75 - 121
1,2-Dibromo-3-Chloropropane	<59		3380	3160		ug/Kg		93	60 - 121
1,2-Dibromoethane	<21		3380	3570		ug/Kg		106	70 - 120
1,2-Dichlorobenzene	<14		3380	3330		ug/Kg		99	75 - 120
1,2-Dichloroethane	<19		3380	3720		ug/Kg		110	69 - 120
1,2-Dichloropropane	<13		3380	3930		ug/Kg		116	70 - 120
1,3,5-Trimethylbenzene	<14		3380	3060		ug/Kg		90	75 - 123
1,3-Dichlorobenzene	<17		3380	3190		ug/Kg		95	70 - 120
1,3-Dichloropropane	<9.1		3380	3520		ug/Kg		104	70 - 120
1,4-Dichlorobenzene	<12		3380	3200		ug/Kg		95	75 - 120
2,2-Dichloropropane	<21		3380	2320		ug/Kg		69	67 - 125
2-Chlorotoluene	<14		3380	2990		ug/Kg		89	70 - 120
4-Chlorotoluene	<13		3380	2910		ug/Kg		86	70 - 120
Benzene	<5.0		3380	3180		ug/Kg		94	70 - 120
Bromobenzene	<29		3380	3470		ug/Kg		103	70 - 120
Bromochloromethane	<26		3380	3270		ug/Kg		97	67 - 122
Bromodichloromethane	<23		3380	3280		ug/Kg		97	70 - 120
Bromoform	<30		3380	4010		ug/Kg		119	70 - 125
Bromomethane	<46		3380	2990		ug/Kg		88	50 - 150
Carbon tetrachloride	<17		3380	2860		ug/Kg		85	70 - 125
Chlorobenzene	<9.7		3380	3400		ug/Kg		101	70 - 120
Chloroethane	<29		3380	2220		ug/Kg		66	50 - 150
Chloroform	<14		3380	2940		ug/Kg		87	70 - 120
Chloromethane	<31		3380	3360		ug/Kg		100	50 - 134
cis-1,2-Dichloroethene	<8.3		3380	2960		ug/Kg		87	70 - 120
cis-1,3-Dichloropropene	<12		3380	3300		ug/Kg		98	70 - 120
Dibromochloromethane	<23		3380	3470		ug/Kg		103	70 - 120
Dibromomethane	<32		3380	3500		ug/Kg		104	70 - 120
Dichlorodifluoromethane	<35		3380	4380		ug/Kg		130	40 - 140
Ethylbenzene	<8.5		3380	3350		ug/Kg		99	75 - 120
Hexachlorobutadiene	<23		3380	3340		ug/Kg		99	65 - 135
Isopropylbenzene	<17		3380	2990		ug/Kg		88	70 - 120
Methyl tert-butyl ether	<29		3380	3040		ug/Kg		90	58 - 122
Methylene Chloride	<46		3380	3060		ug/Kg		91	65 - 125
Naphthalene	<33		3380	3600		ug/Kg		107	55 - 132
n-Butylbenzene	<8.7		3380	3050		ug/Kg		90	75 - 120
N-Propylbenzene	<12		3380	2980		ug/Kg		88	70 - 120
p-Isopropyltoluene	<13		3380	3050		ug/Kg		90	70 - 120
sec-Butylbenzene	<10		3380	3020		ug/Kg		89	70 - 120

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-58359-1

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

Lab Sample ID: 500-58359-8 MS

Matrix: Solid

Analysis Batch: 191072

Client Sample ID: SB-725 C-3 20'

Prep Type: Total/NA

Prep Batch: 190799

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier	Added	Result	Qualifier				
Styrene	<6.7		3380	3540		ug/Kg		105	75 - 120
tert-Butylbenzene	<9.2		3380	3030		ug/Kg		90	70 - 120
Tetrachloroethene	<11		3380	3390		ug/Kg		100	70 - 123
Toluene	<7.8		3380	3200		ug/Kg		95	70 - 120
trans-1,2-Dichloroethene	<17		3380	2910		ug/Kg		86	70 - 124
trans-1,3-Dichloropropene	<14		3380	3230		ug/Kg		96	70 - 120
Trichloroethene	<13		3380	3440		ug/Kg		102	70 - 120
Trichlorofluoromethane	<28		3380	2800		ug/Kg		83	63 - 134
Vinyl chloride	<7.0		3380	4010		ug/Kg		119	62 - 138
Xylenes, Total	<4.6		10100	10100		ug/Kg		100	70 - 120

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	103		75 - 125
4-Bromofluorobenzene (Surr)	95		75 - 120
Dibromofluoromethane	87		75 - 120
Toluene-d8 (Surr)	96		75 - 120

Lab Sample ID: 500-58359-8 MSD

Matrix: Solid

Analysis Batch: 191072

Client Sample ID: SB-725 C-3 20'

Prep Type: Total/NA

Prep Batch: 190799

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec. Limits	RPD	
	Result	Qualifier	Added	Result	Qualifier					RPD	Limit
1,1,1,2-Tetrachloroethane	<23		3380	3720		ug/Kg		110	75 - 120	1	30
1,1,1-Trichloroethane	<14		3380	2690		ug/Kg		79	70 - 123	1	30
1,1,1,2,2-Tetrachloroethane	<16		3380	3680		ug/Kg		109	70 - 128	1	30
1,1,1,2-Trichloroethane	<19		3380	3870		ug/Kg		114	69 - 120	6	30
1,1-Dichloroethane	<13		3380	3390		ug/Kg		100	68 - 121	1	30
1,1-Dichloroethene	<21		3380	3060		ug/Kg		91	58 - 122	0	30
1,1-Dichloropropene	<23		3380	2920		ug/Kg		86	70 - 120	1	30
1,2,3-Trichlorobenzene	<24		3380	3840		ug/Kg		114	56 - 137	8	30
1,2,3-Trichloropropane	<39		3380	3620		ug/Kg		107	70 - 120	6	30
1,2,4-Trichlorobenzene	<26		3380	3750		ug/Kg		111	65 - 121	9	30
1,2,4-Trimethylbenzene	<14		3380	3110		ug/Kg		92	75 - 121	2	30
1,2-Dibromo-3-Chloropropane	<59		3380	3550		ug/Kg		105	60 - 121	12	30
1,2-Dibromoethane	<21		3380	3830		ug/Kg		113	70 - 120	7	30
1,2-Dichlorobenzene	<14		3380	3420		ug/Kg		101	75 - 120	3	30
1,2-Dichloroethane	<19		3380	3960		ug/Kg		117	69 - 120	6	30
1,2-Dichloropropane	<13		3380	4170	F	ug/Kg		123	70 - 120	6	30
1,3,5-Trimethylbenzene	<14		3380	3060		ug/Kg		91	75 - 123	0	30
1,3-Dichlorobenzene	<17		3380	3300		ug/Kg		98	70 - 120	3	30
1,3-Dichloropropane	<9.1		3380	3670		ug/Kg		109	70 - 120	4	30
1,4-Dichlorobenzene	<12		3380	3270		ug/Kg		97	75 - 120	2	30
2,2-Dichloropropane	<21		3380	2320		ug/Kg		69	67 - 125	0	30
2-Chlorotoluene	<14		3380	3030		ug/Kg		90	70 - 120	1	30
4-Chlorotoluene	<13		3380	3000		ug/Kg		89	70 - 120	3	30
Benzene	<5.0		3380	3300		ug/Kg		98	70 - 120	4	30
Bromobenzene	<29		3380	3580		ug/Kg		106	70 - 120	3	30
Bromochloromethane	<26		3380	3380		ug/Kg		100	67 - 122	3	30

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-58359-1

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

Lab Sample ID: 500-58359-8 MSD

Matrix: Solid

Analysis Batch: 191072

Client Sample ID: SB-725 C-3 20'

Prep Type: Total/NA

Prep Batch: 190799

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Bromodichloromethane	<23		3380	3450		ug/Kg		102	70 - 120	5	30
Bromoform	<30		3380	4050		ug/Kg		120	70 - 125	1	30
Bromomethane	<46		3380	2860		ug/Kg		85	50 - 150	4	30
Carbon tetrachloride	<17		3380	2980		ug/Kg		88	70 - 125	4	30
Chlorobenzene	<9.7		3380	3500		ug/Kg		104	70 - 120	3	30
Chloroethane	<29		3380	2050		ug/Kg		61	50 - 150	8	30
Chloroform	<14		3380	3020		ug/Kg		89	70 - 120	3	30
Chloromethane	<31		3380	3060		ug/Kg		91	50 - 134	9	30
cis-1,2-Dichloroethene	<8.3		3380	3070		ug/Kg		91	70 - 120	4	30
cis-1,3-Dichloropropene	<12		3380	3490		ug/Kg		103	70 - 120	5	30
Dibromochloromethane	<23		3380	3520		ug/Kg		104	70 - 120	2	30
Dibromomethane	<32		3380	3610		ug/Kg		107	70 - 120	3	30
Dichlorodifluoromethane	<35		3380	3960		ug/Kg		117	40 - 140	10	30
Ethylbenzene	<8.5		3380	3410		ug/Kg		101	75 - 120	2	30
Hexachlorobutadiene	<23		3380	3370		ug/Kg		100	65 - 135	1	30
Isopropylbenzene	<17		3380	2970		ug/Kg		88	70 - 120	0	30
Methyl tert-butyl ether	<29		3380	3190		ug/Kg		94	58 - 122	5	30
Methylene Chloride	<46		3380	3100		ug/Kg		92	65 - 125	1	30
Naphthalene	<33		3380	3840		ug/Kg		114	55 - 132	6	30
n-Butylbenzene	<8.7		3380	3110		ug/Kg		92	75 - 120	2	30
N-Propylbenzene	<12		3380	3020		ug/Kg		89	70 - 120	1	30
p-Isopropyltoluene	<13		3380	3080		ug/Kg		91	70 - 120	1	30
sec-Butylbenzene	<10		3380	2990		ug/Kg		89	70 - 120	1	30
Styrene	<6.7		3380	3620		ug/Kg		107	75 - 120	2	30
tert-Butylbenzene	<9.2		3380	3020		ug/Kg		89	70 - 120	0	30
Tetrachloroethene	<11		3380	3440		ug/Kg		102	70 - 123	2	30
Toluene	<7.8		3380	3350		ug/Kg		99	70 - 120	5	30
trans-1,2-Dichloroethene	<17		3380	2950		ug/Kg		87	70 - 124	1	30
trans-1,3-Dichloropropene	<14		3380	3400		ug/Kg		101	70 - 120	5	30
Trichloroethene	<13		3380	3550		ug/Kg		105	70 - 120	3	30
Trichlorofluoromethane	<28		3380	2560		ug/Kg		76	63 - 134	9	30
Vinyl chloride	<7.0		3380	3720		ug/Kg		110	62 - 138	8	30
Xylenes, Total	<4.6		10100	10300		ug/Kg		102	70 - 120	2	30

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	108		75 - 125
4-Bromofluorobenzene (Surr)	100		75 - 120
Dibromofluoromethane	91		75 - 120
Toluene-d8 (Surr)	101		75 - 120

Lab Sample ID: MB 500-191072/5

Matrix: Solid

Analysis Batch: 191072

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1,2-Tetrachloroethane	<0.35		2.0	0.35	ug/Kg			06/26/13 10:59	1
1,1,1,1-Trichloroethane	<0.20		1.0	0.20	ug/Kg			06/26/13 10:59	1
1,1,1,2,2-Tetrachloroethane	<0.23		1.0	0.23	ug/Kg			06/26/13 10:59	1

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-58359-1

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

Lab Sample ID: MB 500-191072/5

Matrix: Solid

Analysis Batch: 191072

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,2-Trichloroethane	<0.28		1.0	0.28	ug/Kg			06/26/13 10:59	1
1,1-Dichloroethane	<0.19		1.0	0.19	ug/Kg			06/26/13 10:59	1
1,1-Dichloroethene	<0.31		1.0	0.31	ug/Kg			06/26/13 10:59	1
1,1-Dichloropropene	<0.34		1.0	0.34	ug/Kg			06/26/13 10:59	1
1,2,3-Trichlorobenzene	<0.35		2.0	0.35	ug/Kg			06/26/13 10:59	1
1,2,3-Trichloropropane	<0.57		2.0	0.57	ug/Kg			06/26/13 10:59	1
1,2,4-Trichlorobenzene	<0.38		2.0	0.38	ug/Kg			06/26/13 10:59	1
1,2,4-Trimethylbenzene	<0.21		2.0	0.21	ug/Kg			06/26/13 10:59	1
1,2-Dibromo-3-Chloropropane	<0.87		2.0	0.87	ug/Kg			06/26/13 10:59	1
1,2-Dibromoethane	<0.31		2.0	0.31	ug/Kg			06/26/13 10:59	1
1,2-Dichlorobenzene	<0.21		2.0	0.21	ug/Kg			06/26/13 10:59	1
1,2-Dichloroethane	<0.29		1.0	0.29	ug/Kg			06/26/13 10:59	1
1,2-Dichloropropane	<0.20		1.0	0.20	ug/Kg			06/26/13 10:59	1
1,3,5-Trimethylbenzene	<0.21		2.0	0.21	ug/Kg			06/26/13 10:59	1
1,3-Dichlorobenzene	<0.26		2.0	0.26	ug/Kg			06/26/13 10:59	1
1,3-Dichloropropane	<0.13		1.0	0.13	ug/Kg			06/26/13 10:59	1
1,4-Dichlorobenzene	<0.17		2.0	0.17	ug/Kg			06/26/13 10:59	1
2,2-Dichloropropane	<0.32		1.0	0.32	ug/Kg			06/26/13 10:59	1
2-Chlorotoluene	<0.21		1.0	0.21	ug/Kg			06/26/13 10:59	1
4-Chlorotoluene	<0.20		1.0	0.20	ug/Kg			06/26/13 10:59	1
Benzene	<0.074		0.25	0.074	ug/Kg			06/26/13 10:59	1
Bromobenzene	<0.43		2.0	0.43	ug/Kg			06/26/13 10:59	1
Bromochloromethane	<0.38		2.0	0.38	ug/Kg			06/26/13 10:59	1
Bromodichloromethane	<0.34		2.0	0.34	ug/Kg			06/26/13 10:59	1
Bromoform	<0.44		2.0	0.44	ug/Kg			06/26/13 10:59	1
Bromomethane	<0.68		2.0	0.68	ug/Kg			06/26/13 10:59	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/Kg			06/26/13 10:59	1
Chlorobenzene	<0.14		1.0	0.14	ug/Kg			06/26/13 10:59	1
Chloroethane	<0.44		2.0	0.44	ug/Kg			06/26/13 10:59	1
Chloroform	<0.21		1.0	0.21	ug/Kg			06/26/13 10:59	1
Chloromethane	<0.46		2.0	0.46	ug/Kg			06/26/13 10:59	1
cis-1,2-Dichloroethene	<0.12		1.0	0.12	ug/Kg			06/26/13 10:59	1
cis-1,3-Dichloropropene	<0.18		1.0	0.18	ug/Kg			06/26/13 10:59	1
Dibromochloromethane	<0.35		2.0	0.35	ug/Kg			06/26/13 10:59	1
Dibromomethane	<0.48		2.0	0.48	ug/Kg			06/26/13 10:59	1
Dichlorodifluoromethane	<0.51		2.0	0.51	ug/Kg			06/26/13 10:59	1
Ethylbenzene	<0.13		0.25	0.13	ug/Kg			06/26/13 10:59	1
Hexachlorobutadiene	<0.35		2.0	0.35	ug/Kg			06/26/13 10:59	1
Isopropyl ether	<0.15		2.0	0.15	ug/Kg			06/26/13 10:59	1
Isopropylbenzene	<0.25		2.0	0.25	ug/Kg			06/26/13 10:59	1
Methyl tert-butyl ether	<0.43		2.0	0.43	ug/Kg			06/26/13 10:59	1
Methylene Chloride	<0.68		5.0	0.68	ug/Kg			06/26/13 10:59	1
Naphthalene	<0.49		2.0	0.49	ug/Kg			06/26/13 10:59	1
n-Butylbenzene	<0.13		1.0	0.13	ug/Kg			06/26/13 10:59	1
N-Propylbenzene	<0.18		2.0	0.18	ug/Kg			06/26/13 10:59	1
p-Isopropyltoluene	<0.19		2.0	0.19	ug/Kg			06/26/13 10:59	1
sec-Butylbenzene	<0.15		1.0	0.15	ug/Kg			06/26/13 10:59	1
Styrene	<0.099		1.0	0.099	ug/Kg			06/26/13 10:59	1

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-58359-1

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

Lab Sample ID: MB 500-191072/5

Matrix: Solid

Analysis Batch: 191072

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
tert-Butylbenzene	<0.14		1.0	0.14	ug/Kg			06/26/13 10:59	1
Tetrachloroethene	<0.17		1.0	0.17	ug/Kg			06/26/13 10:59	1
Toluene	<0.12		0.25	0.12	ug/Kg			06/26/13 10:59	1
trans-1,2-Dichloroethene	<0.25		1.0	0.25	ug/Kg			06/26/13 10:59	1
trans-1,3-Dichloropropene	<0.21		1.0	0.21	ug/Kg			06/26/13 10:59	1
Trichloroethene	<0.19		0.50	0.19	ug/Kg			06/26/13 10:59	1
Trichlorofluoromethane	<0.42		2.0	0.42	ug/Kg			06/26/13 10:59	1
Vinyl chloride	<0.10		0.25	0.10	ug/Kg			06/26/13 10:59	1
Xylenes, Total	<0.068		0.50	0.068	ug/Kg			06/26/13 10:59	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	100		75 - 125		06/26/13 10:59	1
4-Bromofluorobenzene (Surr)	90		75 - 120		06/26/13 10:59	1
Dibromofluoromethane	79		75 - 120		06/26/13 10:59	1
Toluene-d8 (Surr)	98		75 - 120		06/26/13 10:59	1

Lab Sample ID: LCS 500-191072/6

Matrix: Solid

Analysis Batch: 191072

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
1,1,1,2-Tetrachloroethane	50.0	50.3		ug/Kg		101	75 - 120
1,1,1-Trichloroethane	50.0	37.6		ug/Kg		75	70 - 123
1,1,1,2-Tetrachloroethane	50.0	50.2		ug/Kg		100	70 - 128
1,1,2-Trichloroethane	50.0	51.8		ug/Kg		104	69 - 120
1,1-Dichloroethane	50.0	46.3		ug/Kg		93	68 - 121
1,1-Dichloroethene	50.0	43.1		ug/Kg		86	58 - 122
1,1-Dichloropropene	50.0	40.6		ug/Kg		81	70 - 120
1,2,3-Trichlorobenzene	50.0	46.8		ug/Kg		94	56 - 137
1,2,3-Trichloropropane	50.0	49.4		ug/Kg		99	70 - 120
1,2,4-Trichlorobenzene	50.0	47.7		ug/Kg		95	65 - 121
1,2,4-Trimethylbenzene	50.0	44.8		ug/Kg		90	75 - 121
1,2-Dibromo-3-Chloropropane	50.0	45.1		ug/Kg		90	60 - 121
1,2-Dibromoethane	50.0	50.2		ug/Kg		100	70 - 120
1,2-Dichlorobenzene	50.0	46.4		ug/Kg		93	75 - 120
1,2-Dichloroethane	50.0	50.9		ug/Kg		102	69 - 120
1,2-Dichloropropane	50.0	55.2		ug/Kg		110	70 - 120
1,3,5-Trimethylbenzene	50.0	44.9		ug/Kg		90	75 - 123
1,3-Dichlorobenzene	50.0	46.6		ug/Kg		93	70 - 120
1,3-Dichloropropane	50.0	49.5		ug/Kg		99	70 - 120
1,4-Dichlorobenzene	50.0	46.2		ug/Kg		92	75 - 120
2,2-Dichloropropane	50.0	34.6		ug/Kg		69	67 - 125
2-Chlorotoluene	50.0	44.7		ug/Kg		89	70 - 120
4-Chlorotoluene	50.0	43.6		ug/Kg		87	70 - 120
Benzene	50.0	45.5		ug/Kg		91	70 - 120
Bromobenzene	50.0	49.8		ug/Kg		100	70 - 120
Bromochloromethane	50.0	42.9		ug/Kg		86	67 - 122
Bromodichloromethane	50.0	45.7		ug/Kg		91	70 - 120

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-58359-1

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

Lab Sample ID: LCS 500-191072/6

Matrix: Solid

Analysis Batch: 191072

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromoform	50.0	52.5		ug/Kg		105	70 - 125
Bromomethane	50.0	39.9		ug/Kg		80	50 - 150
Carbon tetrachloride	50.0	42.4		ug/Kg		85	70 - 125
Chlorobenzene	50.0	48.1		ug/Kg		96	70 - 120
Chloroethane	50.0	44.9		ug/Kg		90	50 - 150
Chloroform	50.0	40.4		ug/Kg		81	70 - 120
Chloromethane	50.0	41.5		ug/Kg		83	50 - 134
cis-1,2-Dichloroethene	50.0	40.3		ug/Kg		81	70 - 120
cis-1,3-Dichloropropene	50.0	48.9		ug/Kg		98	70 - 120
Dibromochloromethane	50.0	48.4		ug/Kg		97	70 - 120
Dibromomethane	50.0	47.4		ug/Kg		95	70 - 120
Dichlorodifluoromethane	50.0	51.4		ug/Kg		103	40 - 140
Ethylbenzene	50.0	48.0		ug/Kg		96	75 - 120
Hexachlorobutadiene	50.0	43.9		ug/Kg		88	65 - 135
Isopropylbenzene	50.0	44.3		ug/Kg		89	70 - 120
Methyl tert-butyl ether	50.0	41.2		ug/Kg		82	58 - 122
Methylene Chloride	50.0	41.5		ug/Kg		83	65 - 125
Naphthalene	50.0	45.5		ug/Kg		91	55 - 132
n-Butylbenzene	50.0	45.7		ug/Kg		91	75 - 120
N-Propylbenzene	50.0	44.9		ug/Kg		90	70 - 120
p-Isopropyltoluene	50.0	45.0		ug/Kg		90	70 - 120
sec-Butylbenzene	50.0	44.2		ug/Kg		88	70 - 120
Styrene	50.0	49.2		ug/Kg		98	75 - 120
tert-Butylbenzene	50.0	44.0		ug/Kg		88	70 - 120
Tetrachloroethene	50.0	49.9		ug/Kg		100	70 - 123
Toluene	50.0	47.7		ug/Kg		95	70 - 120
trans-1,2-Dichloroethene	50.0	41.1		ug/Kg		82	70 - 124
trans-1,3-Dichloropropene	50.0	46.9		ug/Kg		94	70 - 120
Trichloroethene	50.0	47.9		ug/Kg		96	70 - 120
Trichlorofluoromethane	50.0	35.9		ug/Kg		72	63 - 134
Vinyl chloride	50.0	49.3		ug/Kg		99	62 - 138
Xylenes, Total	150	144		ug/Kg		96	70 - 120

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	93		75 - 125
4-Bromofluorobenzene (Surr)	90		75 - 120
Dibromofluoromethane	79		75 - 120
Toluene-d8 (Surr)	96		75 - 120

Lab Sample ID: MB 500-191888/6

Matrix: Solid

Analysis Batch: 191888

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1,2-Tetrachloroethane	<0.35		2.0	0.35	ug/Kg			07/02/13 18:12	1
1,1,1-Trichloroethane	<0.20		1.0	0.20	ug/Kg			07/02/13 18:12	1
1,1,2,2-Tetrachloroethane	<0.23		1.0	0.23	ug/Kg			07/02/13 18:12	1
1,1,2-Trichloroethane	<0.28		1.0	0.28	ug/Kg			07/02/13 18:12	1

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-58359-1

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

Lab Sample ID: MB 500-191888/6

Matrix: Solid

Analysis Batch: 191888

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1-Dichloroethane	<0.19		1.0	0.19	ug/Kg			07/02/13 18:12	1
1,1-Dichloroethene	<0.31		1.0	0.31	ug/Kg			07/02/13 18:12	1
1,1-Dichloropropene	<0.34		1.0	0.34	ug/Kg			07/02/13 18:12	1
1,2,3-Trichlorobenzene	<0.35		2.0	0.35	ug/Kg			07/02/13 18:12	1
1,2,3-Trichloropropane	<0.57		2.0	0.57	ug/Kg			07/02/13 18:12	1
1,2,4-Trichlorobenzene	<0.38		2.0	0.38	ug/Kg			07/02/13 18:12	1
1,2,4-Trimethylbenzene	<0.21		2.0	0.21	ug/Kg			07/02/13 18:12	1
1,2-Dibromo-3-Chloropropane	<0.87		2.0	0.87	ug/Kg			07/02/13 18:12	1
1,2-Dibromoethane	<0.31		2.0	0.31	ug/Kg			07/02/13 18:12	1
1,2-Dichlorobenzene	<0.21		2.0	0.21	ug/Kg			07/02/13 18:12	1
1,2-Dichloroethane	<0.29		1.0	0.29	ug/Kg			07/02/13 18:12	1
1,2-Dichloropropane	<0.20		1.0	0.20	ug/Kg			07/02/13 18:12	1
1,3,5-Trimethylbenzene	<0.21		2.0	0.21	ug/Kg			07/02/13 18:12	1
1,3-Dichlorobenzene	<0.26		2.0	0.26	ug/Kg			07/02/13 18:12	1
1,3-Dichloropropane	<0.13		1.0	0.13	ug/Kg			07/02/13 18:12	1
1,4-Dichlorobenzene	<0.17		2.0	0.17	ug/Kg			07/02/13 18:12	1
2,2-Dichloropropane	<0.32		1.0	0.32	ug/Kg			07/02/13 18:12	1
2-Chlorotoluene	<0.21		1.0	0.21	ug/Kg			07/02/13 18:12	1
4-Chlorotoluene	<0.20		1.0	0.20	ug/Kg			07/02/13 18:12	1
Benzene	<0.074		0.25	0.074	ug/Kg			07/02/13 18:12	1
Bromobenzene	<0.43		2.0	0.43	ug/Kg			07/02/13 18:12	1
Bromochloromethane	<0.38		2.0	0.38	ug/Kg			07/02/13 18:12	1
Bromodichloromethane	<0.34		2.0	0.34	ug/Kg			07/02/13 18:12	1
Bromoform	<0.44		2.0	0.44	ug/Kg			07/02/13 18:12	1
Bromomethane	<0.68		2.0	0.68	ug/Kg			07/02/13 18:12	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/Kg			07/02/13 18:12	1
Chlorobenzene	<0.14		1.0	0.14	ug/Kg			07/02/13 18:12	1
Chloroethane	<0.44		2.0	0.44	ug/Kg			07/02/13 18:12	1
Chloroform	<0.21		1.0	0.21	ug/Kg			07/02/13 18:12	1
Chloromethane	<0.46		2.0	0.46	ug/Kg			07/02/13 18:12	1
cis-1,2-Dichloroethene	<0.12		1.0	0.12	ug/Kg			07/02/13 18:12	1
cis-1,3-Dichloropropene	<0.18		1.0	0.18	ug/Kg			07/02/13 18:12	1
Dibromochloromethane	<0.35		2.0	0.35	ug/Kg			07/02/13 18:12	1
Dibromomethane	<0.48		2.0	0.48	ug/Kg			07/02/13 18:12	1
Dichlorodifluoromethane	<0.51		2.0	0.51	ug/Kg			07/02/13 18:12	1
Ethylbenzene	<0.13		0.25	0.13	ug/Kg			07/02/13 18:12	1
Hexachlorobutadiene	<0.35		2.0	0.35	ug/Kg			07/02/13 18:12	1
Isopropyl ether	<0.15		2.0	0.15	ug/Kg			07/02/13 18:12	1
Isopropylbenzene	<0.25		2.0	0.25	ug/Kg			07/02/13 18:12	1
Methyl tert-butyl ether	<0.43		2.0	0.43	ug/Kg			07/02/13 18:12	1
Methylene Chloride	<0.68		5.0	0.68	ug/Kg			07/02/13 18:12	1
Naphthalene	<0.49		2.0	0.49	ug/Kg			07/02/13 18:12	1
n-Butylbenzene	<0.13		1.0	0.13	ug/Kg			07/02/13 18:12	1
N-Propylbenzene	<0.18		2.0	0.18	ug/Kg			07/02/13 18:12	1
p-Isopropyltoluene	<0.19		2.0	0.19	ug/Kg			07/02/13 18:12	1
sec-Butylbenzene	<0.15		1.0	0.15	ug/Kg			07/02/13 18:12	1
Styrene	<0.099		1.0	0.099	ug/Kg			07/02/13 18:12	1
tert-Butylbenzene	<0.14		1.0	0.14	ug/Kg			07/02/13 18:12	1

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-58359-1

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

Lab Sample ID: MB 500-191888/6

Matrix: Solid

Analysis Batch: 191888

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Tetrachloroethene	<0.17		1.0	0.17	ug/Kg			07/02/13 18:12	1
Toluene	<0.12		0.25	0.12	ug/Kg			07/02/13 18:12	1
trans-1,2-Dichloroethene	<0.25		1.0	0.25	ug/Kg			07/02/13 18:12	1
trans-1,3-Dichloropropene	<0.21		1.0	0.21	ug/Kg			07/02/13 18:12	1
Trichloroethene	<0.19		0.50	0.19	ug/Kg			07/02/13 18:12	1
Trichlorofluoromethane	<0.42		2.0	0.42	ug/Kg			07/02/13 18:12	1
Vinyl chloride	<0.10		0.25	0.10	ug/Kg			07/02/13 18:12	1
Xylenes, Total	<0.068		0.50	0.068	ug/Kg			07/02/13 18:12	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	102		75 - 125		07/02/13 18:12	1
4-Bromofluorobenzene (Surr)	94		75 - 120		07/02/13 18:12	1
Dibromofluoromethane	95		75 - 120		07/02/13 18:12	1
Toluene-d8 (Surr)	101		75 - 120		07/02/13 18:12	1

Lab Sample ID: LCS 500-191888/30

Matrix: Solid

Analysis Batch: 191888

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
1,1,1,2-Tetrachloroethane	50.0	45.4		ug/Kg		91	75 - 120
1,1,1-Trichloroethane	50.0	44.5		ug/Kg		89	70 - 123
1,1,1,2,2-Tetrachloroethane	50.0	43.1		ug/Kg		86	70 - 128
1,1,2-Trichloroethane	50.0	42.4		ug/Kg		85	69 - 120
1,1-Dichloroethane	50.0	43.3		ug/Kg		87	68 - 121
1,1-Dichloroethene	50.0	43.4		ug/Kg		87	58 - 122
1,1-Dichloropropene	50.0	44.0		ug/Kg		88	70 - 120
1,2,3-Trichlorobenzene	50.0	45.4		ug/Kg		91	56 - 137
1,2,3-Trichloropropane	50.0	42.9		ug/Kg		86	70 - 120
1,2,4-Trichlorobenzene	50.0	45.1		ug/Kg		90	65 - 121
1,2,4-Trimethylbenzene	50.0	45.1		ug/Kg		90	75 - 121
1,2-Dibromo-3-Chloropropane	50.0	44.6		ug/Kg		89	60 - 121
1,2-Dibromoethane	50.0	45.6		ug/Kg		91	70 - 120
1,2-Dichlorobenzene	50.0	44.4		ug/Kg		89	75 - 120
1,2-Dichloroethane	50.0	43.3		ug/Kg		87	69 - 120
1,2-Dichloropropane	50.0	43.4		ug/Kg		87	70 - 120
1,3,5-Trimethylbenzene	50.0	45.1		ug/Kg		90	75 - 123
1,3-Dichlorobenzene	50.0	44.2		ug/Kg		88	70 - 120
1,3-Dichloropropane	50.0	43.1		ug/Kg		86	70 - 120
1,4-Dichlorobenzene	50.0	44.1		ug/Kg		88	75 - 120
2,2-Dichloropropane	50.0	44.9		ug/Kg		90	67 - 125
2-Chlorotoluene	50.0	45.0		ug/Kg		90	70 - 120
4-Chlorotoluene	50.0	44.5		ug/Kg		89	70 - 120
Benzene	50.0	42.4		ug/Kg		85	70 - 120
Bromobenzene	50.0	44.2		ug/Kg		88	70 - 120
Bromochloromethane	50.0	42.6		ug/Kg		85	67 - 122
Bromodichloromethane	50.0	41.1		ug/Kg		82	70 - 120
Bromoform	50.0	46.1		ug/Kg		92	70 - 125

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-58359-1

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

Lab Sample ID: LCS 500-191888/30

Matrix: Solid

Analysis Batch: 191888

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromomethane	50.0	39.5		ug/Kg		79	50 - 150
Carbon tetrachloride	50.0	44.6		ug/Kg		89	70 - 125
Chlorobenzene	50.0	43.5		ug/Kg		87	70 - 120
Chloroethane	50.0	41.8		ug/Kg		84	50 - 150
Chloroform	50.0	43.0		ug/Kg		86	70 - 120
Chloromethane	50.0	41.6		ug/Kg		83	50 - 134
cis-1,2-Dichloroethene	50.0	43.1		ug/Kg		86	70 - 120
cis-1,3-Dichloropropene	50.0	47.4		ug/Kg		95	70 - 120
Dibromochloromethane	50.0	41.5		ug/Kg		83	70 - 120
Dibromomethane	50.0	42.1		ug/Kg		84	70 - 120
Dichlorodifluoromethane	50.0	37.3		ug/Kg		75	40 - 140
Ethylbenzene	50.0	42.4		ug/Kg		85	75 - 120
Hexachlorobutadiene	50.0	44.7		ug/Kg		89	65 - 135
Isopropylbenzene	50.0	45.1		ug/Kg		90	70 - 120
Methyl tert-butyl ether	50.0	43.5		ug/Kg		87	58 - 122
Methylene Chloride	50.0	40.1		ug/Kg		80	65 - 125
Naphthalene	50.0	44.9		ug/Kg		90	55 - 132
n-Butylbenzene	50.0	45.0		ug/Kg		90	75 - 120
N-Propylbenzene	50.0	44.8		ug/Kg		90	70 - 120
p-Isopropyltoluene	50.0	45.3		ug/Kg		91	70 - 120
sec-Butylbenzene	50.0	44.4		ug/Kg		89	70 - 120
Styrene	50.0	45.1		ug/Kg		90	75 - 120
tert-Butylbenzene	50.0	44.6		ug/Kg		89	70 - 120
Tetrachloroethene	50.0	44.4		ug/Kg		89	70 - 123
Toluene	50.0	43.6		ug/Kg		87	70 - 120
trans-1,2-Dichloroethene	50.0	43.2		ug/Kg		86	70 - 124
trans-1,3-Dichloropropene	50.0	46.2		ug/Kg		92	70 - 120
Trichloroethene	50.0	42.4		ug/Kg		85	70 - 120
Trichlorofluoromethane	50.0	45.3		ug/Kg		91	63 - 134
Vinyl chloride	50.0	41.5		ug/Kg		83	62 - 138
Xylenes, Total	100	85.7		ug/Kg		86	70 - 120

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	102		75 - 125
4-Bromofluorobenzene (Surr)	95		75 - 120
Dibromofluoromethane	97		75 - 120
Toluene-d8 (Surr)	102		75 - 120

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 500-191095/1-A

Matrix: Solid

Analysis Batch: 191259

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 191095

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1-Methylnaphthalene	<17		33	17	ug/Kg		06/26/13 07:09	06/27/13 11:47	1
2-Methylnaphthalene	<43		170	43	ug/Kg		06/26/13 07:09	06/27/13 11:47	1
Acenaphthene	<9.9		33	9.9	ug/Kg		06/26/13 07:09	06/27/13 11:47	1

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-58359-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 500-191095/1-A

Matrix: Solid

Analysis Batch: 191259

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 191095

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthylene	<7.6		33	7.6	ug/Kg		06/26/13 07:09	06/27/13 11:47	1
Anthracene	<7.8		33	7.8	ug/Kg		06/26/13 07:09	06/27/13 11:47	1
Benzo[a]anthracene	<7.0		33	7.0	ug/Kg		06/26/13 07:09	06/27/13 11:47	1
Benzo[a]pyrene	<6.1		33	6.1	ug/Kg		06/26/13 07:09	06/27/13 11:47	1
Benzo[b]fluoranthene	<6.5		33	6.5	ug/Kg		06/26/13 07:09	06/27/13 11:47	1
Benzo[g,h,i]perylene	<11		33	11	ug/Kg		06/26/13 07:09	06/27/13 11:47	1
Benzo[k]fluoranthene	<7.9		33	7.9	ug/Kg		06/26/13 07:09	06/27/13 11:47	1
Chrysene	<7.5		33	7.5	ug/Kg		06/26/13 07:09	06/27/13 11:47	1
Dibenz(a,h)anthracene	<9.3		33	9.3	ug/Kg		06/26/13 07:09	06/27/13 11:47	1
Fluoranthene	<14		33	14	ug/Kg		06/26/13 07:09	06/27/13 11:47	1
Fluorene	<7.6		33	7.6	ug/Kg		06/26/13 07:09	06/27/13 11:47	1
Indeno[1,2,3-cd]pyrene	<11		33	11	ug/Kg		06/26/13 07:09	06/27/13 11:47	1
Naphthalene	<6.4		33	6.4	ug/Kg		06/26/13 07:09	06/27/13 11:47	1
Phenanthrene	<14		33	14	ug/Kg		06/26/13 07:09	06/27/13 11:47	1
Pyrene	<12		33	12	ug/Kg		06/26/13 07:09	06/27/13 11:47	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	89		30 - 119	06/26/13 07:09	06/27/13 11:47	1
Nitrobenzene-d5 (Surr)	87		30 - 115	06/26/13 07:09	06/27/13 11:47	1
Terphenyl-d14 (Surr)	88		36 - 134	06/26/13 07:09	06/27/13 11:47	1

Lab Sample ID: LCS 500-191095/2-A

Matrix: Solid

Analysis Batch: 191259

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 191095

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Methylnaphthalene	1330	1100		ug/Kg		82	51 - 110
Acenaphthene	1330	1070		ug/Kg		80	53 - 110
Acenaphthylene	1330	1220		ug/Kg		92	51 - 110
Anthracene	1330	1210		ug/Kg		91	52 - 110
Benzo[a]anthracene	1330	1180		ug/Kg		88	57 - 110
Benzo[a]pyrene	1330	1200		ug/Kg		90	56 - 110
Benzo[b]fluoranthene	1330	1210		ug/Kg		91	50 - 110
Benzo[g,h,i]perylene	1330	1260		ug/Kg		95	54 - 117
Benzo[k]fluoranthene	1330	1180		ug/Kg		88	43 - 121
Chrysene	1330	1360		ug/Kg		102	54 - 110
Dibenz(a,h)anthracene	1330	1190		ug/Kg		89	52 - 118
Fluoranthene	1330	1240		ug/Kg		93	55 - 113
Fluorene	1330	1170		ug/Kg		88	52 - 112
Indeno[1,2,3-cd]pyrene	1330	1200		ug/Kg		90	53 - 116
Naphthalene	1330	1140		ug/Kg		86	48 - 110
Phenanthrene	1330	1200		ug/Kg		90	51 - 116
Pyrene	1330	1270		ug/Kg		96	50 - 112

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorobiphenyl	87		30 - 119
Nitrobenzene-d5 (Surr)	92		30 - 115

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-58359-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-191095/2-A
Matrix: Solid
Analysis Batch: 191259

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 191095

Surrogate	LCS		Limits
	%Recovery	Qualifier	
Terphenyl-d14 (Surr)	93		36 - 134

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Lab Chronicle

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-58359-1

Client Sample ID: SB-732 20'

Lab Sample ID: 500-58359-1

Date Collected: 06/13/13 09:30

Matrix: Solid

Date Received: 06/22/13 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			190799	06/13/13 09:30	WRE	TAL CHI
Total/NA	Analysis	8260B		50	191072	06/26/13 17:15	EMA	TAL CHI
Total/NA	Prep	3541			191095	06/26/13 07:09	STW	TAL CHI
Total/NA	Analysis	8270D		1	192474	07/09/13 01:34	GES	TAL CHI
Total/NA	Prep	3541	DL		191095	06/26/13 07:09	STW	TAL CHI
Total/NA	Analysis	8270D	DL	5	192474	07/09/13 01:52	GES	TAL CHI
Total/NA	Prep	3541	DL2		191095	06/26/13 07:09	STW	TAL CHI
Total/NA	Analysis	8270D	DL2	10	192529	07/09/13 12:29	AJD	TAL CHI
Total/NA	Analysis	Moisture		1	190743	06/22/13 12:36	CMV	TAL CHI

Client Sample ID: SB-733 20'

Lab Sample ID: 500-58359-2

Date Collected: 06/13/13 10:00

Matrix: Solid

Date Received: 06/22/13 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			190799	06/13/13 10:00	WRE	TAL CHI
Total/NA	Analysis	8260B		50	191072	06/26/13 17:42	EMA	TAL CHI
Total/NA	Prep	3541			191095	06/26/13 07:09	STW	TAL CHI
Total/NA	Analysis	8270D		1	192474	07/09/13 02:09	GES	TAL CHI
Total/NA	Analysis	Moisture		1	190743	06/22/13 12:36	CMV	TAL CHI

Client Sample ID: SB-734 20'

Lab Sample ID: 500-58359-3

Date Collected: 06/13/13 11:30

Matrix: Solid

Date Received: 06/22/13 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			190799	06/13/13 11:30	WRE	TAL CHI
Total/NA	Analysis	8260B		50	191072	06/26/13 18:08	EMA	TAL CHI
Total/NA	Prep	3541			191095	06/26/13 07:09	STW	TAL CHI
Total/NA	Analysis	8270D		1	192474	07/09/13 02:26	GES	TAL CHI
Total/NA	Analysis	Moisture		1	190743	06/22/13 12:36	CMV	TAL CHI

Client Sample ID: SB-735 20'

Lab Sample ID: 500-58359-4

Date Collected: 06/13/13 12:00

Matrix: Solid

Date Received: 06/22/13 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			190799	06/13/13 12:00	WRE	TAL CHI
Total/NA	Analysis	8260B		50	191072	06/26/13 18:34	EMA	TAL CHI
Total/NA	Prep	3541			191095	06/26/13 07:09	STW	TAL CHI
Total/NA	Analysis	8270D		1	192474	07/09/13 02:44	GES	TAL CHI
Total/NA	Analysis	Moisture		1	190743	06/22/13 12:36	CMV	TAL CHI

TestAmerica Chicago

Lab Chronicle

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-58359-1

Client Sample ID: SB-736 20'

Lab Sample ID: 500-58359-5

Date Collected: 06/13/13 13:30

Matrix: Solid

Date Received: 06/22/13 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			190799	06/13/13 13:30	WRE	TAL CHI
Total/NA	Analysis	8260B		50	191072	06/26/13 19:01	EMA	TAL CHI
Total/NA	Prep	3541			191095	06/26/13 07:09	STW	TAL CHI
Total/NA	Analysis	8270D		1	192474	07/09/13 03:01	GES	TAL CHI
Total/NA	Prep	3541	DL		191095	06/26/13 07:09	STW	TAL CHI
Total/NA	Analysis	8270D	DL	10	192529	07/09/13 12:47	AJD	TAL CHI
Total/NA	Analysis	Moisture		1	190743	06/22/13 12:36	CMV	TAL CHI

Client Sample ID: SB-725 A1 20'

Lab Sample ID: 500-58359-6

Date Collected: 06/14/13 08:20

Matrix: Solid

Date Received: 06/22/13 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			190799	06/14/13 08:20	WRE	TAL CHI
Total/NA	Analysis	8260B		50	191072	06/26/13 19:27	EMA	TAL CHI
Total/NA	Prep	3541			191095	06/26/13 07:09	STW	TAL CHI
Total/NA	Analysis	8270D		1	192474	07/09/13 03:18	GES	TAL CHI
Total/NA	Analysis	Moisture		1	190743	06/22/13 12:36	CMV	TAL CHI

Client Sample ID: SB-740 20'

Lab Sample ID: 500-58359-7

Date Collected: 06/14/13 15:30

Matrix: Solid

Date Received: 06/22/13 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			190799	06/14/13 15:30	WRE	TAL CHI
Total/NA	Analysis	8260B		50	191072	06/26/13 19:53	EMA	TAL CHI
Total/NA	Prep	3541			191095	06/26/13 07:09	STW	TAL CHI
Total/NA	Analysis	8270D		1	192474	07/09/13 03:35	GES	TAL CHI
Total/NA	Prep	3541	DL		191095	06/26/13 07:09	STW	TAL CHI
Total/NA	Analysis	8270D	DL	10	192529	07/09/13 13:23	AJD	TAL CHI
Total/NA	Analysis	Moisture		1	190743	06/22/13 12:36	CMV	TAL CHI

Client Sample ID: SB-725 C-3 20'

Lab Sample ID: 500-58359-8

Date Collected: 06/18/13 13:30

Matrix: Solid

Date Received: 06/22/13 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			190799	06/18/13 13:30	WRE	TAL CHI
Total/NA	Analysis	8260B		50	191072	06/26/13 20:19	EMA	TAL CHI
Total/NA	Prep	3541			191095	06/26/13 07:09	STW	TAL CHI
Total/NA	Analysis	8270D		1	192284	07/06/13 14:17	GES	TAL CHI
Total/NA	Analysis	Moisture		1	190743	06/22/13 12:36	CMV	TAL CHI

TestAmerica Chicago

Lab Chronicle

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-58359-1

Client Sample ID: SB-738 18-20'

Lab Sample ID: 500-58359-9

Date Collected: 06/21/13 08:40

Matrix: Solid

Date Received: 06/22/13 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			190799	06/21/13 08:40	WRE	TAL CHI
Total/NA	Analysis	8260B		50	191888	07/03/13 02:09	EMA	TAL CHI
Total/NA	Prep	3541			191095	06/26/13 07:09	STW	TAL CHI
Total/NA	Analysis	8270D		1	192284	07/06/13 14:38	GES	TAL CHI
Total/NA	Analysis	Moisture		1	190743	06/22/13 12:36	CMV	TAL CHI

Client Sample ID: SB-739 17-20'

Lab Sample ID: 500-58359-10

Date Collected: 06/21/13 08:50

Matrix: Solid

Date Received: 06/22/13 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			190799	06/21/13 08:50	WRE	TAL CHI
Total/NA	Analysis	8260B		50	191888	07/03/13 02:36	EMA	TAL CHI
Total/NA	Prep	3541			191095	06/26/13 07:09	STW	TAL CHI
Total/NA	Analysis	8270D		1	192474	07/09/13 04:10	GES	TAL CHI
Total/NA	Analysis	Moisture		1	190743	06/22/13 12:36	CMV	TAL CHI

Client Sample ID: SB-737 18-20'

Lab Sample ID: 500-58359-11

Date Collected: 06/21/13 09:00

Matrix: Solid

Date Received: 06/22/13 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			190799	06/21/13 09:00	WRE	TAL CHI
Total/NA	Analysis	8260B		50	191888	07/03/13 03:02	EMA	TAL CHI
Total/NA	Prep	3541			191095	06/26/13 07:09	STW	TAL CHI
Total/NA	Analysis	8270D		1	192474	07/09/13 04:27	GES	TAL CHI
Total/NA	Analysis	Moisture		1	190743	06/22/13 12:36	CMV	TAL CHI

Client Sample ID: Trip Blank

Lab Sample ID: 500-58359-12

Date Collected: 06/13/13 00:00

Matrix: Solid

Date Received: 06/22/13 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			190799	06/13/13 00:00	WRE	TAL CHI
Total/NA	Analysis	8260B		50	191072	06/26/13 21:12	EMA	TAL CHI

Laboratory References:

TAL CHI = TestAmerica Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

Certification Summary

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-58359-1

Laboratory: TestAmerica Chicago

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Alabama	State Program	4	40461	06-30-14
California	NELAP	9	01132CA	04-30-14
Georgia	State Program	4	N/A	04-30-14
Georgia	State Program	4	939	04-30-14
Hawaii	State Program	9	N/A	04-30-14
Illinois	NELAP	5	100201	04-30-14
Indiana	State Program	5	C-IL-02	04-30-14
Iowa	State Program	7	82	05-01-14
Kansas	NELAP	7	E-10161	10-31-13
Kentucky	State Program	4	90023	12-31-13
Kentucky (UST)	State Program	4	66	04-30-14
Louisiana	NELAP	6	30720	06-30-14
Massachusetts	State Program	1	M-IL035	06-30-14
Mississippi	State Program	4	N/A	04-30-14
North Carolina DENR	State Program	4	291	12-31-13
North Dakota	State Program	8	R-194	04-30-14
Oklahoma	State Program	6	8908	08-31-13
South Carolina	State Program	4	77001	06-30-13 *
Texas	NELAP	6	T104704252-09-TX	02-28-14
USDA	Federal		P330-12-00038	02-06-15
Wisconsin	State Program	5	999580010	08-31-13
Wyoming	State Program	8	8TMS-Q	07-15-13

* Expired certification is currently pending renewal and is considered valid.



TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

2417 Bond Street, University Park, IL 604
Phone: 708.534.5200 Fax: 708.534.5200



500-58359 COC

Report To (optional) Mine Noel
 Contact: Tetra Tech
 Company: 175 N. CORPORATE DR Suite 100
 Address: BROOKFIELD, WI 53045
 Address: (262) 792-1282
 Phone: (262) 792-1310
 Fax:
 E-Mail:

Bill To (optional)
 Contact:
 Company:
 Address:
 Address:
 Phone:
 Fax:
 PO#/Reference#

Chain of Custody Record

Lab Job #: 500-58359
 Chain of Custody Number:
 Page 1 of 2
 Temperature °C of Cooler: 2.3

Client		Client Project #		Preservative		Parameter		Comments		
Tetra Tech		117-2201289.02		9 8 8		VOCs DRY WT. PAH		Preservative Key 1. HCL, Cool to 4° 2. H2SO4, Cool to 4° 3. HNO3, Cool to 4° 4. NaOH, Cool to 4° 5. NaOH/Zn, Cool to 4° 6. NaHSO4 7. Cool to 4° 8. None 9. Other		
Project Name		Project Location/State		Lab Project #		Sample		Lab PM		
Beazer - Oak Creek		Oak Creek, WI				Ashley A. Weimer				
Lab ID	MIS/MSD	Sample ID	2013 Sampling		# of Containers	Matrix				Comments
			Date	Time						
1		SB-732 20'	6-13	0930	3	SO	-	-	-	
2		SB-733 20'		10:00			-	-	-	
3		SB-734 20'		11:30			-	-	-	
4		SB-735 20'		12:00			-	-	-	
5		SB-736 20'		13:30			-	-	-	
6		SB-725 A1 20'	6-14	0820			-	-	-	
7		SB-740 20'		1530			-	-	-	
8		SB-725 C-3 20'	6-18	1330			-	-	-	
9		SB-738 18-20'	6-21	0840			-	-	-	
10		SB-739 17-20'		0850			-	-	-	

Turnaround Time Required (Business Days)
 1 Day 2 Days 5 Days 7 Days 10 Days 15 Days Other
 Requested Due Date

Sample Disposal
 Return to Client Disposal by Lab Archive for Months (A fee may be assessed if samples are retained longer than 1 month)

Relinquished By <u>Ashley A. Weimer</u> Company <u>TT</u> Date <u>6-21-13</u> Time <u>1300</u>	Received By <u>JL</u> Company <u>TT</u> Date <u>6/22/13</u> Time <u>0920</u>	Lab Courier <u></u>
Relinquished By <u></u> Company <u></u> Date <u></u> Time <u></u>	Received By <u></u> Company <u></u> Date <u></u> Time <u></u>	Shipped <u>FX</u>
Relinquished By <u></u> Company <u></u> Date <u></u> Time <u></u>	Received By <u></u> Company <u></u> Date <u></u> Time <u></u>	Hand Delivered <u></u>

Matrix Key
 WW - Wastewater SE - Sediment
 W - Water SO - Soil
 S - Soil L - Leachate
 SL - Sludge WI - Wipe
 MS - Miscellaneous DW - Drinking Water
 OL - Oil O - Other
 A - Air

Client Comments:

Lab Comments:



TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

2417 Bond Street, University Park, IL 60484
 Phone: 708.534.5200 Fax: 708.534.5211

Report To (optional) _____ Bill To (optional) _____
 Contact: Mike Noel Contact: _____
 Company: Tetra Tech Company: _____
 Address: 175 N. Corporate Dr Suite 100 Address: _____
 Address: Brownfield, WI 53015 Address: _____
 Phone: (262) 792-1282 Phone: _____
 Fax: (262) 792-1310 Fax: _____
 E-Mail: _____ PO#/Reference# _____

Chain of Custody Record

Lab Job #: 500-58359

Chain of Custody Number: _____

Page 2 of 2

Temperature °C of Cooler: _____

Client		Client Project #		Preservative		Parameter		Matrix		Preservative Key 1. HCL, Cool to 4° 2. H2SO4, Cool to 4° 3. HNO3, Cool to 4° 4. NaOH, Cool to 4° 5. NaOH/Zn, Cool to 4° 6. NaHSO4 7. Cool to 4° 8. None 9. Other
Project Name		Lab Project #		Sampling		# of Containers		Matrix		
Project Location/State		Lab PM		Date	Time					
Tetra Tech		117-2201289.02		9		8		8		Comments
Beazer - Oak Creek										
Oak Creek, WI		Ashley A. Weimer								
Lab ID	MS/MSD	Sample ID	Date	Time	# of Containers	Matrix				
11		SB-737 18-20'	6-21	0900	3	SO	1	1	1	
12		TRIP BLANK	—	—	1	—	1	1	1	

Turnaround Time Required (Business Days)

1 Day 2 Days 5 Days 7 Days 10 Days 15 Days Other

Sample Disposal

Return to Client Disposal by Lab Archive for _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Relinquished By: <u>Ashley A. Weimer</u> Company: <u>TT</u> Date: <u>6-21-13</u> Time: <u>1300</u>	Received By: <u>jl</u> Company: <u>TA</u> Date: <u>6/22/13</u> Time: <u>0920</u>
Relinquished By: _____ Company: _____ Date: _____ Time: _____	Received By: _____ Company: _____ Date: _____ Time: _____
Relinquished By: _____ Company: _____ Date: _____ Time: _____	Received By: _____ Company: _____ Date: _____ Time: _____

Lab Courier: _____
 Shipped: PK
 Hand Delivered: _____

- Matrix Key
- WW - Wastewater
 - W - Water
 - S - Soil
 - SL - Sludge
 - MS - Miscellaneous
 - OL - Oil
 - A - Air
 - SE - Sediment
 - SO - Soil
 - L - Leachate
 - WI - Wipe
 - DW - Drinking Water
 - O - Other

Client Comments: _____

Lab Comments: _____

Login Sample Receipt Checklist

Client: Tetra Tech GEO

Job Number: 500-58359-1

Login Number: 58359

List Source: TestAmerica Chicago

List Number: 1

Creator: Lunt, Jeff T

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	2.3
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	
There are no discrepancies between the containers received 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	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Chicago
2417 Bond Street
University Park, IL 60484
Tel: (708)534-5200

TestAmerica Job ID: 500-61811-1
Client Project/Site: Beazer Oak Creek 117-2201313.03

For:
Tetra Tech GEO
175 N Corporate Drive
Suite 100
Brookfield, Wisconsin 53045

Attn: Mr. Mike Noel



Authorized for release by:
9/10/2013 1:44:34 PM

Sandie Fredrick, Project Manager I
sandie.fredrick@testamericainc.com

LINKS

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results through
TotalAccess

Have a Question?



Visit us at:
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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Case Narrative

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Job ID: 500-61811-1

Laboratory: TestAmerica Chicago

Narrative

Job Narrative 500-61811-1

Comments

No additional comments.

Receipt

The samples were received on 8/24/2013 9:20 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 4 coolers at receipt time were 3.4° C, 3.8° C, 4.0° C and 4.7° C.

GC/MS VOA

Method(s) 8260B: The extraction LCS associated with batch 200695 had 1 analyte (2,2-Dichloropropane) outside control limits. The instrument LCS associated with the analytical batch had all analytes within control limits. The analyte is not indicative of a systematic problem and was within the Marginal Exceedance; therefore re-analysis was not performed. These results have been reported and qualified.

Method(s) 8260B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 200518/200573 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method(s) 8260B: The following samples were diluted to bring the concentration of target analytes within the calibration range: B-124 4-6' (500-61811-26), B-124 8-10' (500-61811-27), B-125 8-10' (500-61811-32). Elevated reporting limits (RLs) are provided.

No other analytical or quality issues were noted.

GC/MS Semi VOA

Method(s) 8270D: The following samples were diluted to bring the concentration of target analytes within the calibration range: B-121 0-2' (500-61811-13), B-121 4-6' (500-61811-14), B-124 4-6' (500-61811-26), B-124 8-10' (500-61811-27), B-125 8-10' (500-61811-32). Elevated reporting limits (RLs) are provided.

Method(s) 8270D: Due to the level of dilution required for the following samples, surrogate recoveries are not reported: B-121 0-2' (500-61811-13), B-121 4-6' (500-61811-14), B-124 4-6' (500-61811-26), B-125 8-10' (500-61811-32).

Method(s) 8270D: The following samples had Nitrobenzene-d5 biased low (25%-115%): B-121 10-11' (500-61811-15), B-122 4-6' (500-61811-18). 500-61811-15 at 21% and -18DL at 24%. All other surrogate recoveries were within limits. No further action was required. B-121 10-11' (500-61811-15), B-122 4-6' (500-61811-18)

Method(s) 8270D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 200911 were outside control limits. There were 11 RPD's > 30%. The associated laboratory control sample (LCS) recovery met acceptance criteria. B-123 0-2' (500-61811-21) B-123 0-2' (500-61811-21)

Method(s) 8270D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 200842 were outside control limits. There were 6 RPD's > 30%. The associated laboratory control sample (LCS) recovery met acceptance criteria. B-118 0-2' (500-61811-1) B-118 0-2' (500-61811-1)

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: Tetra Tech GEO
 Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-118 0-2'

Lab Sample ID: 500-61811-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1-Methylnaphthalene	18	J	35	18	ug/Kg	1	☼	8270D	Total/NA
Acenaphthene	27	J	35	11	ug/Kg	1	☼	8270D	Total/NA
Acenaphthylene	22	J	35	8.2	ug/Kg	1	☼	8270D	Total/NA
Anthracene	73		35	8.4	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene	900		35	7.5	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	930		35	6.5	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	1300		35	6.9	ug/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	740		35	12	ug/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	520		35	8.5	ug/Kg	1	☼	8270D	Total/NA
Chrysene	1100		35	8.1	ug/Kg	1	☼	8270D	Total/NA
Dibenz(a,h)anthracene	350		35	10	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	1200		35	15	ug/Kg	1	☼	8270D	Total/NA
Fluorene	25	J	35	8.1	ug/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	610		35	12	ug/Kg	1	☼	8270D	Total/NA
Naphthalene	34	J	35	6.9	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	350		35	15	ug/Kg	1	☼	8270D	Total/NA
Pyrene	970		35	13	ug/Kg	1	☼	8270D	Total/NA

Client Sample ID: B-118 4-6'

Lab Sample ID: 500-61811-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	17	J	36	7.6	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	11	J	36	6.6	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	18	J	36	7.1	ug/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	20	J	36	12	ug/Kg	1	☼	8270D	Total/NA
Chrysene	11	J	36	8.2	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	21	J	36	15	ug/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	12	J	36	12	ug/Kg	1	☼	8270D	Total/NA
Pyrene	18	J	36	13	ug/Kg	1	☼	8270D	Total/NA

Client Sample ID: B-118 8-10'

Lab Sample ID: 500-61811-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	14	J	39	8.3	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	8.4	J	39	7.2	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	13	J	39	7.7	ug/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	15	J	39	13	ug/Kg	1	☼	8270D	Total/NA
Chrysene	11	J	39	9.0	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	18	J	39	16	ug/Kg	1	☼	8270D	Total/NA
Pyrene	15	J	39	14	ug/Kg	1	☼	8270D	Total/NA

Client Sample ID: B-118 13-15'

Lab Sample ID: 500-61811-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[g,h,i]perylene	14	J	40	14	ug/Kg	1	☼	8270D	Total/NA
Chrysene	13	J	40	9.1	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	17	J	40	17	ug/Kg	1	☼	8270D	Total/NA

Client Sample ID: B-119 0-2'

Lab Sample ID: 500-61811-5

This Detection Summary does not include radiochemical test results.

TestAmerica Chicago

Detection Summary

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-119 0-2' (Continued)

Lab Sample ID: 500-61811-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	100		16	4.8	ug/Kg	50	☼	8260B	Total/NA
Naphthalene	460		130	32	ug/Kg	50	☼	8260B	Total/NA
Toluene	130		16	7.5	ug/Kg	50	☼	8260B	Total/NA
Xylenes, Total	50		33	4.5	ug/Kg	50	☼	8260B	Total/NA
1-Methylnaphthalene	110		38	19	ug/Kg	1	☼	8270D	Total/NA
2-Methylnaphthalene	140	J	190	50	ug/Kg	1	☼	8270D	Total/NA
Acenaphthene	250		38	12	ug/Kg	1	☼	8270D	Total/NA
Acenaphthylene	67		38	8.9	ug/Kg	1	☼	8270D	Total/NA
Anthracene	570		38	9.1	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene	1600		38	8.1	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	1400		38	7.0	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	1900		38	7.5	ug/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	1200		38	13	ug/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	830		38	9.2	ug/Kg	1	☼	8270D	Total/NA
Chrysene	1700		38	8.7	ug/Kg	1	☼	8270D	Total/NA
Dibenz(a,h)anthracene	560		38	11	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	2600		38	16	ug/Kg	1	☼	8270D	Total/NA
Fluorene	280		38	8.8	ug/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	940		38	13	ug/Kg	1	☼	8270D	Total/NA
Naphthalene	330		38	7.4	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	1800		38	16	ug/Kg	1	☼	8270D	Total/NA
Pyrene	2000		38	14	ug/Kg	1	☼	8270D	Total/NA
PCB-1254	73		18	3.9	ug/Kg	1	☼	8082	Total/NA

Client Sample ID: B-119 4-6'

Lab Sample ID: 500-61811-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	250		140	15	ug/Kg	50	☼	8260B	Total/NA
Ethylbenzene	46		18	8.9	ug/Kg	50	☼	8260B	Total/NA
Xylenes, Total	48		35	4.8	ug/Kg	50	☼	8260B	Total/NA
Naphthalene - DL	12000		1400	350	ug/Kg	500	☼	8260B	Total/NA
1-Methylnaphthalene	2100		39	19	ug/Kg	1	☼	8270D	Total/NA
2-Methylnaphthalene	1900		200	51	ug/Kg	1	☼	8270D	Total/NA
Acenaphthene	1300		39	12	ug/Kg	1	☼	8270D	Total/NA
Acenaphthylene	180		39	9.0	ug/Kg	1	☼	8270D	Total/NA
Anthracene	190		39	9.2	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene	60		39	8.2	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	66		39	7.1	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	79		39	7.6	ug/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	62		39	13	ug/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	43		39	9.3	ug/Kg	1	☼	8270D	Total/NA
Chrysene	67		39	8.8	ug/Kg	1	☼	8270D	Total/NA
Dibenz(a,h)anthracene	20	J	39	11	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	130		39	16	ug/Kg	1	☼	8270D	Total/NA
Fluorene	1300		39	8.9	ug/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	46		39	13	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	930		39	16	ug/Kg	1	☼	8270D	Total/NA
Pyrene	89		39	14	ug/Kg	1	☼	8270D	Total/NA
Naphthalene - DL	13000		390	75	ug/Kg	10	☼	8270D	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Chicago

Detection Summary

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-119 8-10'

Lab Sample ID: 500-61811-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Anthracene	21	J	37	8.9	ug/Kg	1	☒	8270D	Total/NA
Benzo[a]anthracene	17	J	37	7.9	ug/Kg	1	☒	8270D	Total/NA
Benzo[a]pyrene	15	J	37	6.9	ug/Kg	1	☒	8270D	Total/NA
Benzo[b]fluoranthene	18	J	37	7.3	ug/Kg	1	☒	8270D	Total/NA
Benzo[g,h,i]perylene	16	J	37	13	ug/Kg	1	☒	8270D	Total/NA
Benzo[k]fluoranthene	9.1	J	37	9.0	ug/Kg	1	☒	8270D	Total/NA
Chrysene	21	J	37	8.5	ug/Kg	1	☒	8270D	Total/NA
Fluoranthene	33	J	37	15	ug/Kg	1	☒	8270D	Total/NA
Phenanthrene	20	J	37	16	ug/Kg	1	☒	8270D	Total/NA
Pyrene	23	J	37	14	ug/Kg	1	☒	8270D	Total/NA

Client Sample ID: B-119 13-15'

Lab Sample ID: 500-61811-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	10	J	37	7.8	ug/Kg	1	☒	8270D	Total/NA
Benzo[b]fluoranthene	9.0	J	37	7.2	ug/Kg	1	☒	8270D	Total/NA
Naphthalene	11	J	37	7.1	ug/Kg	1	☒	8270D	Total/NA

Client Sample ID: B-120 0-2'

Lab Sample ID: 500-61811-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	79		16	4.6	ug/Kg	50	☒	8260B	Total/NA
Naphthalene	530		120	31	ug/Kg	50	☒	8260B	Total/NA
Toluene	75		16	7.2	ug/Kg	50	☒	8260B	Total/NA
Xylenes, Total	40		31	4.3	ug/Kg	50	☒	8260B	Total/NA
1-Methylnaphthalene	51		37	18	ug/Kg	1	☒	8270D	Total/NA
2-Methylnaphthalene	69	J	190	48	ug/Kg	1	☒	8270D	Total/NA
Acenaphthene	92		37	11	ug/Kg	1	☒	8270D	Total/NA
Acenaphthylene	170		37	8.5	ug/Kg	1	☒	8270D	Total/NA
Anthracene	310		37	8.7	ug/Kg	1	☒	8270D	Total/NA
Benzo[a]anthracene	1200		37	7.7	ug/Kg	1	☒	8270D	Total/NA
Benzo[a]pyrene	1500		37	6.7	ug/Kg	1	☒	8270D	Total/NA
Benzo[b]fluoranthene	2300		37	7.2	ug/Kg	1	☒	8270D	Total/NA
Benzo[g,h,i]perylene	1500		37	12	ug/Kg	1	☒	8270D	Total/NA
Benzo[k]fluoranthene	600		37	8.8	ug/Kg	1	☒	8270D	Total/NA
Chrysene	1800		37	8.3	ug/Kg	1	☒	8270D	Total/NA
Dibenz(a,h)anthracene	700		37	10	ug/Kg	1	☒	8270D	Total/NA
Fluoranthene	1600		37	15	ug/Kg	1	☒	8270D	Total/NA
Fluorene	97		37	8.4	ug/Kg	1	☒	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	1100		37	12	ug/Kg	1	☒	8270D	Total/NA
Naphthalene	220		37	7.1	ug/Kg	1	☒	8270D	Total/NA
Phenanthrene	710		37	15	ug/Kg	1	☒	8270D	Total/NA
Pyrene	1500		37	13	ug/Kg	1	☒	8270D	Total/NA

Client Sample ID: B-120 4-6'

Lab Sample ID: 500-61811-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthylene	22	J	37	8.6	ug/Kg	1	☒	8270D	Total/NA
Anthracene	21	J	37	8.8	ug/Kg	1	☒	8270D	Total/NA
Benzo[a]anthracene	150		37	7.8	ug/Kg	1	☒	8270D	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Chicago

Detection Summary

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-120 4-6' (Continued)

Lab Sample ID: 500-61811-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]pyrene	200		37	6.8	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	300		37	7.3	ug/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	190		37	13	ug/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	100		37	8.9	ug/Kg	1	☼	8270D	Total/NA
Chrysene	190		37	8.5	ug/Kg	1	☼	8270D	Total/NA
Dibenz(a,h)anthracene	67		37	10	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	220		37	15	ug/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	140		37	13	ug/Kg	1	☼	8270D	Total/NA
Naphthalene	18	J	37	7.2	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	64		37	16	ug/Kg	1	☼	8270D	Total/NA
Pyrene	200		37	14	ug/Kg	1	☼	8270D	Total/NA
PCB-1254	35		19	4.1	ug/Kg	1	☼	8082	Total/NA

Client Sample ID: B-120 8-10'

Lab Sample ID: 500-61811-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	55		37	7.9	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	77		37	6.8	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	110		37	7.3	ug/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	69		37	13	ug/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	34	J	37	9.0	ug/Kg	1	☼	8270D	Total/NA
Chrysene	62		37	8.5	ug/Kg	1	☼	8270D	Total/NA
Dibenz(a,h)anthracene	29	J	37	11	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	78		37	15	ug/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	53		37	13	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	20	J	37	16	ug/Kg	1	☼	8270D	Total/NA
Pyrene	67		37	14	ug/Kg	1	☼	8270D	Total/NA

Client Sample ID: B-120 13-15'

Lab Sample ID: 500-61811-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	14	J	37	7.9	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	19	J	37	6.9	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	22	J	37	7.3	ug/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	28	J	37	13	ug/Kg	1	☼	8270D	Total/NA
Chrysene	19	J	37	8.5	ug/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	17	J	37	13	ug/Kg	1	☼	8270D	Total/NA
Naphthalene	10	J	37	7.3	ug/Kg	1	☼	8270D	Total/NA

Client Sample ID: B-121 0-2'

Lab Sample ID: 500-61811-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1-Methylnaphthalene	290		190	94	ug/Kg	5	☼	8270D	Total/NA
2-Methylnaphthalene	350	J	950	250	ug/Kg	5	☼	8270D	Total/NA
Acenaphthene	1100		190	57	ug/Kg	5	☼	8270D	Total/NA
Acenaphthylene	2800		190	43	ug/Kg	5	☼	8270D	Total/NA
Anthracene	11000		190	44	ug/Kg	5	☼	8270D	Total/NA
Benzo[g,h,i]perylene	13000		190	64	ug/Kg	5	☼	8270D	Total/NA
Benzo[k]fluoranthene	9900		190	45	ug/Kg	5	☼	8270D	Total/NA
Dibenz(a,h)anthracene	5700		190	53	ug/Kg	5	☼	8270D	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Chicago

Detection Summary

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-121 0-2' (Continued)

Lab Sample ID: 500-61811-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluorene	3300		190	43	ug/Kg	5	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	11000		190	64	ug/Kg	5	☼	8270D	Total/NA
Naphthalene	730		190	36	ug/Kg	5	☼	8270D	Total/NA
Benzo[a]anthracene - DL	40000		1900	400	ug/Kg	50	☼	8270D	Total/NA
Benzo[a]pyrene - DL	30000		1900	340	ug/Kg	50	☼	8270D	Total/NA
Benzo[b]fluoranthene - DL	39000		1900	370	ug/Kg	50	☼	8270D	Total/NA
Chrysene - DL	36000		1900	430	ug/Kg	50	☼	8270D	Total/NA
Fluoranthene - DL	97000		1900	770	ug/Kg	50	☼	8270D	Total/NA
Phenanthrene - DL	42000		1900	790	ug/Kg	50	☼	8270D	Total/NA
Pyrene - DL	64000		1900	680	ug/Kg	50	☼	8270D	Total/NA

Client Sample ID: B-121 4-6'

Lab Sample ID: 500-61811-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1-Methylnaphthalene	3600		190	96	ug/Kg	5	☼	8270D	Total/NA
2-Methylnaphthalene	4700		970	250	ug/Kg	5	☼	8270D	Total/NA
Acenaphthylene	200		190	44	ug/Kg	5	☼	8270D	Total/NA
Benzo[g,h,i]perylene	13000		190	65	ug/Kg	5	☼	8270D	Total/NA
Benzo[k]fluoranthene	8400		190	46	ug/Kg	5	☼	8270D	Total/NA
Dibenz(a,h)anthracene	6900		190	54	ug/Kg	5	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	11000		190	65	ug/Kg	5	☼	8270D	Total/NA
Naphthalene	8500		190	37	ug/Kg	5	☼	8270D	Total/NA
Acenaphthene - DL	21000		1900	580	ug/Kg	50	☼	8270D	Total/NA
Anthracene - DL	45000		1900	450	ug/Kg	50	☼	8270D	Total/NA
Benzo[a]anthracene - DL	46000		1900	400	ug/Kg	50	☼	8270D	Total/NA
Benzo[a]pyrene - DL	30000		1900	350	ug/Kg	50	☼	8270D	Total/NA
Benzo[b]fluoranthene - DL	37000		1900	370	ug/Kg	50	☼	8270D	Total/NA
Chrysene - DL	37000		1900	440	ug/Kg	50	☼	8270D	Total/NA
Fluoranthene - DL	120000		1900	790	ug/Kg	50	☼	8270D	Total/NA
Fluorene - DL	31000		1900	440	ug/Kg	50	☼	8270D	Total/NA
Phenanthrene - DL	130000		1900	810	ug/Kg	50	☼	8270D	Total/NA
Pyrene - DL	85000		1900	700	ug/Kg	50	☼	8270D	Total/NA

Client Sample ID: B-121 10-11'

Lab Sample ID: 500-61811-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthylene	9.9	J	36	8.4	ug/Kg	1	☼	8270D	Total/NA
Anthracene	12	J	36	8.6	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene	31	J	36	7.7	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	76		36	6.7	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	92		36	7.1	ug/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	71		36	12	ug/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	39		36	8.7	ug/Kg	1	☼	8270D	Total/NA
Chrysene	29	J	36	8.3	ug/Kg	1	☼	8270D	Total/NA
Dibenz(a,h)anthracene	23	J	36	10	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	23	J	36	15	ug/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	51		36	12	ug/Kg	1	☼	8270D	Total/NA
Pyrene	24	J	36	13	ug/Kg	1	☼	8270D	Total/NA

Client Sample ID: B-121 13-15'

Lab Sample ID: 500-61811-16

This Detection Summary does not include radiochemical test results.

TestAmerica Chicago

Detection Summary

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-121 13-15' (Continued)

Lab Sample ID: 500-61811-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthylene	11	J	37	8.6	ug/Kg	1	☼	8270D	Total/NA
Anthracene	9.8	J	37	8.8	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene	40		37	7.8	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	70		37	6.8	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	81		37	7.2	ug/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	75		37	13	ug/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	47		37	8.9	ug/Kg	1	☼	8270D	Total/NA
Chrysene	46		37	8.4	ug/Kg	1	☼	8270D	Total/NA
Dibenz(a,h)anthracene	27	J	37	10	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	44		37	15	ug/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	53		37	13	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	21	J	37	16	ug/Kg	1	☼	8270D	Total/NA
Pyrene	46		37	13	ug/Kg	1	☼	8270D	Total/NA

Client Sample ID: B-122 0-2'

Lab Sample ID: 500-61811-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	190		130	31	ug/Kg	50	☼	8260B	Total/NA
1-Methylnaphthalene	41		37	19	ug/Kg	1	☼	8270D	Total/NA
Acenaphthene	290		37	11	ug/Kg	1	☼	8270D	Total/NA
Acenaphthylene	300		37	8.6	ug/Kg	1	☼	8270D	Total/NA
Anthracene	800		37	8.8	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	2600		37	6.8	ug/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	2000		37	13	ug/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	1100		37	8.9	ug/Kg	1	☼	8270D	Total/NA
Dibenz(a,h)anthracene	1000		37	10	ug/Kg	1	☼	8270D	Total/NA
Fluorene	320		37	8.5	ug/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	1700		37	13	ug/Kg	1	☼	8270D	Total/NA
Naphthalene	94		37	7.2	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	2300		37	16	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene - DL	3200		190	39	ug/Kg	5	☼	8270D	Total/NA
Benzo[b]fluoranthene - DL	5200		190	36	ug/Kg	5	☼	8270D	Total/NA
Chrysene - DL	3000		190	42	ug/Kg	5	☼	8270D	Total/NA
Fluoranthene - DL	5200		190	76	ug/Kg	5	☼	8270D	Total/NA
Pyrene - DL	4900		190	67	ug/Kg	5	☼	8270D	Total/NA

Client Sample ID: B-122 4-6'

Lab Sample ID: 500-61811-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1-Methylnaphthalene	29	J	39	19	ug/Kg	1	☼	8270D	Total/NA
Acenaphthene	2200		39	12	ug/Kg	1	☼	8270D	Total/NA
Acenaphthylene	200		39	8.9	ug/Kg	1	☼	8270D	Total/NA
Anthracene	780		39	9.1	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene	2700		39	8.1	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	1500		39	7.1	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	2200		39	7.5	ug/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	960		39	13	ug/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	850		39	9.3	ug/Kg	1	☼	8270D	Total/NA
Dibenz(a,h)anthracene	480		39	11	ug/Kg	1	☼	8270D	Total/NA
Fluorene	1200		39	8.8	ug/Kg	1	☼	8270D	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Chicago

Detection Summary

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-122 4-6' (Continued)

Lab Sample ID: 500-61811-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Indeno[1,2,3-cd]pyrene	800		39	13	ug/Kg	1	☼	8270D	Total/NA
Naphthalene	70		39	7.5	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	720		39	16	ug/Kg	1	☼	8270D	Total/NA
Chrysene - DL	2700		190	44	ug/Kg	5	☼	8270D	Total/NA
Fluoranthene - DL	6100		190	80	ug/Kg	5	☼	8270D	Total/NA
Pyrene - DL	5300		190	70	ug/Kg	5	☼	8270D	Total/NA

Client Sample ID: B-122 8-10'

Lab Sample ID: 500-61811-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1-Methylnaphthalene	73		39	19	ug/Kg	1	☼	8270D	Total/NA
2-Methylnaphthalene	90	J	190	50	ug/Kg	1	☼	8270D	Total/NA
Acenaphthene	330		39	12	ug/Kg	1	☼	8270D	Total/NA
Acenaphthylene	170		39	8.9	ug/Kg	1	☼	8270D	Total/NA
Anthracene	350		39	9.1	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene	1300		39	8.1	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	1200		39	7.1	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	1700		39	7.5	ug/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	1000		39	13	ug/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	500		39	9.2	ug/Kg	1	☼	8270D	Total/NA
Chrysene	1300		39	8.8	ug/Kg	1	☼	8270D	Total/NA
Dibenz(a,h)anthracene	410		39	11	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	2100		39	16	ug/Kg	1	☼	8270D	Total/NA
Fluorene	270		39	8.8	ug/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	790		39	13	ug/Kg	1	☼	8270D	Total/NA
Naphthalene	310		39	7.5	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	1100		39	16	ug/Kg	1	☼	8270D	Total/NA
Pyrene	1600		39	14	ug/Kg	1	☼	8270D	Total/NA

Client Sample ID: B-122 13-15'

Lab Sample ID: 500-61811-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Anthracene	14	J	36	8.6	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene	18	J	36	7.7	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	27	J	36	6.7	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	30	J	36	7.1	ug/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	45		36	12	ug/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	9.1	J	36	8.7	ug/Kg	1	☼	8270D	Total/NA
Chrysene	23	J	36	8.3	ug/Kg	1	☼	8270D	Total/NA
Dibenz(a,h)anthracene	15	J	36	10	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	22	J	36	15	ug/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	30	J	36	12	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	25	J	36	15	ug/Kg	1	☼	8270D	Total/NA
Pyrene	24	J	36	13	ug/Kg	1	☼	8270D	Total/NA

Client Sample ID: B-123 0-2'

Lab Sample ID: 500-61811-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1-Methylnaphthalene	35	J	37	19	ug/Kg	1	☼	8270D	Total/NA
2-Methylnaphthalene	51	J	190	48	ug/Kg	1	☼	8270D	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Chicago

Detection Summary

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-123 0-2' (Continued)

Lab Sample ID: 500-61811-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Acenaphthene	77		37	11	ug/Kg	1		☒	8270D	Total/NA
Acenaphthylene	52		37	8.6	ug/Kg	1		☒	8270D	Total/NA
Anthracene	220		37	8.8	ug/Kg	1		☒	8270D	Total/NA
Benzo[a]anthracene	1200		37	7.8	ug/Kg	1		☒	8270D	Total/NA
Benzo[a]pyrene	2100		37	6.8	ug/Kg	1		☒	8270D	Total/NA
Benzo[b]fluoranthene	2500		37	7.2	ug/Kg	1		☒	8270D	Total/NA
Benzo[g,h,i]perylene	1900		37	13	ug/Kg	1		☒	8270D	Total/NA
Benzo[k]fluoranthene	1400		37	8.9	ug/Kg	1		☒	8270D	Total/NA
Chrysene	1500		37	8.4	ug/Kg	1		☒	8270D	Total/NA
Dibenz(a,h)anthracene	830		37	10	ug/Kg	1		☒	8270D	Total/NA
Fluoranthene	2600		37	15	ug/Kg	1		☒	8270D	Total/NA
Fluorene	59		37	8.5	ug/Kg	1		☒	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	1400		37	13	ug/Kg	1		☒	8270D	Total/NA
Naphthalene	120		37	7.2	ug/Kg	1		☒	8270D	Total/NA
Phenanthrene	880		37	16	ug/Kg	1		☒	8270D	Total/NA
Pyrene	1300		37	13	ug/Kg	1		☒	8270D	Total/NA
PCB-1254	29		19	4.1	ug/Kg	1		☒	8082	Total/NA

Client Sample ID: B-123 4-6'

Lab Sample ID: 500-61811-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Naphthalene	160		120	31	ug/Kg	50		☒	8260B	Total/NA
1-Methylnaphthalene	320		36	18	ug/Kg	1		☒	8270D	Total/NA
2-Methylnaphthalene	260		180	48	ug/Kg	1		☒	8270D	Total/NA
Acenaphthene	460		36	11	ug/Kg	1		☒	8270D	Total/NA
Acenaphthylene	160		36	8.4	ug/Kg	1		☒	8270D	Total/NA
Benzo[a]anthracene	2500		36	7.7	ug/Kg	1		☒	8270D	Total/NA
Benzo[a]pyrene	2000		36	6.7	ug/Kg	1		☒	8270D	Total/NA
Benzo[g,h,i]perylene	1600		36	12	ug/Kg	1		☒	8270D	Total/NA
Benzo[k]fluoranthene	1300		36	8.7	ug/Kg	1		☒	8270D	Total/NA
Dibenz(a,h)anthracene	730		36	10	ug/Kg	1		☒	8270D	Total/NA
Fluorene	830		36	8.3	ug/Kg	1		☒	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	1300		36	12	ug/Kg	1		☒	8270D	Total/NA
Naphthalene	610		36	7.1	ug/Kg	1		☒	8270D	Total/NA
Anthracene - DL	6100		180	43	ug/Kg	5		☒	8270D	Total/NA
Benzo[b]fluoranthene - DL	3600		180	36	ug/Kg	5		☒	8270D	Total/NA
Chrysene - DL	5300		180	41	ug/Kg	5		☒	8270D	Total/NA
Fluoranthene - DL	5200		180	75	ug/Kg	5		☒	8270D	Total/NA
Phenanthrene - DL	3800		180	77	ug/Kg	5		☒	8270D	Total/NA
Pyrene - DL	3600		180	66	ug/Kg	5		☒	8270D	Total/NA
PCB-1254	45		19	4.0	ug/Kg	1		☒	8082	Total/NA

Client Sample ID: B-123 8-10'

Lab Sample ID: 500-61811-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Naphthalene	86	J	130	33	ug/Kg	50		☒	8260B	Total/NA
1-Methylnaphthalene	33	J	38	19	ug/Kg	1		☒	8270D	Total/NA
Acenaphthene	1600		38	11	ug/Kg	1		☒	8270D	Total/NA
Acenaphthylene	130		38	8.8	ug/Kg	1		☒	8270D	Total/NA
Anthracene	1100		38	9.0	ug/Kg	1		☒	8270D	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Chicago

Detection Summary

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-123 8-10' (Continued)

Lab Sample ID: 500-61811-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	1100		38	8.0	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	620		38	7.0	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	980		38	7.5	ug/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	330		38	13	ug/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	280		38	9.2	ug/Kg	1	☼	8270D	Total/NA
Chrysene	770		38	8.7	ug/Kg	1	☼	8270D	Total/NA
Dibenz(a,h)anthracene	160		38	11	ug/Kg	1	☼	8270D	Total/NA
Fluorene	2500		38	8.7	ug/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	280		38	13	ug/Kg	1	☼	8270D	Total/NA
Naphthalene	89		38	7.4	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene - DL	7000		380	160	ug/Kg	10	☼	8270D	Total/NA
Phenanthrene - DL	14000		380	160	ug/Kg	10	☼	8270D	Total/NA
Pyrene - DL	4000		380	140	ug/Kg	10	☼	8270D	Total/NA

Client Sample ID: B-123 13-15'

Lab Sample ID: 500-61811-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	10	J	36	7.7	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	25	J	36	6.7	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	29	J	36	7.1	ug/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	36		36	12	ug/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	12	J	36	8.7	ug/Kg	1	☼	8270D	Total/NA
Chrysene	17	J	36	8.3	ug/Kg	1	☼	8270D	Total/NA
Dibenz(a,h)anthracene	14	J	36	10	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	17	J	36	15	ug/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	28	J	36	12	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	15	J	36	15	ug/Kg	1	☼	8270D	Total/NA
Pyrene	14	J	36	13	ug/Kg	1	☼	8270D	Total/NA

Client Sample ID: B-124 0-3'

Lab Sample ID: 500-61811-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,3,5-Trimethylbenzene	37	J	140	14	ug/Kg	50	☼	8260B	Total/NA
Naphthalene	530		140	34	ug/Kg	50	☼	8260B	Total/NA
1-Methylnaphthalene	400		38	19	ug/Kg	1	☼	8270D	Total/NA
2-Methylnaphthalene	320		190	50	ug/Kg	1	☼	8270D	Total/NA
Acenaphthene	170		38	11	ug/Kg	1	☼	8270D	Total/NA
Acenaphthylene	89		38	8.8	ug/Kg	1	☼	8270D	Total/NA
Anthracene	110		38	9.0	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene	440		38	8.0	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	700		38	7.0	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	1100		38	7.4	ug/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	560		38	13	ug/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	390		38	9.1	ug/Kg	1	☼	8270D	Total/NA
Chrysene	600		38	8.6	ug/Kg	1	☼	8270D	Total/NA
Dibenz(a,h)anthracene	230		38	11	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	530		38	16	ug/Kg	1	☼	8270D	Total/NA
Fluorene	67		38	8.7	ug/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	490		38	13	ug/Kg	1	☼	8270D	Total/NA
Naphthalene	110		38	7.4	ug/Kg	1	☼	8270D	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Chicago

Detection Summary

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-124 0-3' (Continued)

Lab Sample ID: 500-61811-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Phenanthrene	340		38	16	ug/Kg	1	☼	8270D	Total/NA
Pyrene	550		38	14	ug/Kg	1	☼	8270D	Total/NA

Client Sample ID: B-124 4-6'

Lab Sample ID: 500-61811-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	22000		1300	140	ug/Kg	500	☼	8260B	Total/NA
1,3,5-Trimethylbenzene	13000		1300	140	ug/Kg	500	☼	8260B	Total/NA
Ethylbenzene	5600		170	84	ug/Kg	500	☼	8260B	Total/NA
Isopropylbenzene	1600		1300	170	ug/Kg	500	☼	8260B	Total/NA
n-Butylbenzene	1200		670	86	ug/Kg	500	☼	8260B	Total/NA
N-Propylbenzene	690	J	1300	120	ug/Kg	500	☼	8260B	Total/NA
p-Isopropyltoluene	690	J	1300	120	ug/Kg	500	☼	8260B	Total/NA
Toluene	270		170	77	ug/Kg	500	☼	8260B	Total/NA
Xylenes, Total	29000		330	46	ug/Kg	500	☼	8260B	Total/NA
Naphthalene - DL	2700000		54000	13000	ug/Kg	20000	☼	8260B	Total/NA
1-Methylnaphthalene	150000		37000	18000	ug/Kg	1000	☼	8270D	Total/NA
2-Methylnaphthalene	250000		190000	48000	ug/Kg	1000	☼	8270D	Total/NA
Acenaphthene	120000		37000	11000	ug/Kg	1000	☼	8270D	Total/NA
Acenaphthylene	19000	J	37000	8500	ug/Kg	1000	☼	8270D	Total/NA
Anthracene	82000		37000	8700	ug/Kg	1000	☼	8270D	Total/NA
Benzo[a]anthracene	40000		37000	7700	ug/Kg	1000	☼	8270D	Total/NA
Benzo[a]pyrene	17000	J	37000	6700	ug/Kg	1000	☼	8270D	Total/NA
Benzo[b]fluoranthene	28000	J	37000	7200	ug/Kg	1000	☼	8270D	Total/NA
Benzo[k]fluoranthene	9500	J	37000	8800	ug/Kg	1000	☼	8270D	Total/NA
Chrysene	28000	J	37000	8300	ug/Kg	1000	☼	8270D	Total/NA
Fluoranthene	170000		37000	15000	ug/Kg	1000	☼	8270D	Total/NA
Fluorene	120000		37000	8400	ug/Kg	1000	☼	8270D	Total/NA
Naphthalene	2300000		37000	7100	ug/Kg	1000	☼	8270D	Total/NA
Phenanthrene	290000		37000	15000	ug/Kg	1000	☼	8270D	Total/NA
Pyrene	100000		37000	13000	ug/Kg	1000	☼	8270D	Total/NA

Client Sample ID: B-124 8-10'

Lab Sample ID: 500-61811-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	6100		550	58	ug/Kg	200	☼	8260B	Total/NA
1,3,5-Trimethylbenzene	2000		550	56	ug/Kg	200	☼	8260B	Total/NA
Benzene	270		69	20	ug/Kg	200	☼	8260B	Total/NA
Ethylbenzene	2300		69	35	ug/Kg	200	☼	8260B	Total/NA
Isopropylbenzene	750		550	69	ug/Kg	200	☼	8260B	Total/NA
N-Propylbenzene	190	J	550	48	ug/Kg	200	☼	8260B	Total/NA
p-Isopropyltoluene	180	J	550	51	ug/Kg	200	☼	8260B	Total/NA
Xylenes, Total	1300		140	19	ug/Kg	200	☼	8260B	Total/NA
Naphthalene - DL	230000		5500	1400	ug/Kg	2000	☼	8260B	Total/NA
1-Methylnaphthalene	9500		760	380	ug/Kg	20	☼	8270D	Total/NA
2-Methylnaphthalene	18000		3900	990	ug/Kg	20	☼	8270D	Total/NA
Acenaphthene	8300		760	230	ug/Kg	20	☼	8270D	Total/NA
Acenaphthylene	280	J	760	180	ug/Kg	20	☼	8270D	Total/NA
Anthracene	15000		760	180	ug/Kg	20	☼	8270D	Total/NA
Benzo[a]anthracene	4400		760	160	ug/Kg	20	☼	8270D	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Chicago

Detection Summary

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-124 8-10' (Continued)

Lab Sample ID: 500-61811-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]pyrene	1800		760	140	ug/Kg	20	☼	8270D	Total/NA
Benzo[b]fluoranthene	2500		760	150	ug/Kg	20	☼	8270D	Total/NA
Benzo[g,h,i]perylene	910		760	260	ug/Kg	20	☼	8270D	Total/NA
Benzo[k]fluoranthene	1500		760	180	ug/Kg	20	☼	8270D	Total/NA
Chrysene	7300		760	170	ug/Kg	20	☼	8270D	Total/NA
Dibenz(a,h)anthracene	420	J	760	210	ug/Kg	20	☼	8270D	Total/NA
Fluoranthene	19000		760	310	ug/Kg	20	☼	8270D	Total/NA
Fluorene	7900		760	170	ug/Kg	20	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	830		760	260	ug/Kg	20	☼	8270D	Total/NA
Phenanthrene	27000		760	320	ug/Kg	20	☼	8270D	Total/NA
Pyrene	12000		760	280	ug/Kg	20	☼	8270D	Total/NA
Naphthalene - DL	87000		1900	370	ug/Kg	50	☼	8270D	Total/NA

Client Sample ID: B-124 13-15'

Lab Sample ID: 500-61811-28

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	290		140	35	ug/Kg	50	☼	8260B	Total/NA
1-Methylnaphthalene	910		39	19	ug/Kg	1	☼	8270D	Total/NA
2-Methylnaphthalene	2100		200	51	ug/Kg	1	☼	8270D	Total/NA
Acenaphthene	1800		39	12	ug/Kg	1	☼	8270D	Total/NA
Acenaphthylene	120		39	9.0	ug/Kg	1	☼	8270D	Total/NA
Anthracene	400		39	9.2	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene	240		39	8.2	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	150		39	7.1	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	210		39	7.6	ug/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	100		39	13	ug/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	90		39	9.3	ug/Kg	1	☼	8270D	Total/NA
Chrysene	210		39	8.8	ug/Kg	1	☼	8270D	Total/NA
Dibenz(a,h)anthracene	29	J	39	11	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	1100		39	16	ug/Kg	1	☼	8270D	Total/NA
Fluorene	2000		39	8.9	ug/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	80		39	13	ug/Kg	1	☼	8270D	Total/NA
Naphthalene	1300		39	7.5	ug/Kg	1	☼	8270D	Total/NA
Pyrene	680		39	14	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene - DL	4000		190	82	ug/Kg	5	☼	8270D	Total/NA

Client Sample ID: B-124 18-20'

Lab Sample ID: 500-61811-29

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthylene	10	J	37	8.7	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene	15	J	37	7.9	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	15	J	37	6.9	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	14	J	37	7.3	ug/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	32	J	37	13	ug/Kg	1	☼	8270D	Total/NA
Chrysene	15	J	37	8.5	ug/Kg	1	☼	8270D	Total/NA
Dibenz(a,h)anthracene	13	J	37	11	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	17	J	37	15	ug/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	22	J	37	13	ug/Kg	1	☼	8270D	Total/NA
Naphthalene	28	J	37	7.3	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	23	J	37	16	ug/Kg	1	☼	8270D	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Chicago

Detection Summary

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-124 18-20' (Continued)

Lab Sample ID: 500-61811-29

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Pyrene	18	J	37	14	ug/Kg	1	☒	8270D	Total/NA

Client Sample ID: B-125 0-2'

Lab Sample ID: 500-61811-30

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthylene	48		35	8.2	ug/Kg	1	☒	8270D	Total/NA
Anthracene	40		35	8.4	ug/Kg	1	☒	8270D	Total/NA
Benzo[a]anthracene	110		35	7.5	ug/Kg	1	☒	8270D	Total/NA
Benzo[a]pyrene	300		35	6.5	ug/Kg	1	☒	8270D	Total/NA
Benzo[b]fluoranthene	390		35	6.9	ug/Kg	1	☒	8270D	Total/NA
Benzo[g,h,i]perylene	310		35	12	ug/Kg	1	☒	8270D	Total/NA
Benzo[k]fluoranthene	160		35	8.5	ug/Kg	1	☒	8270D	Total/NA
Chrysene	170		35	8.1	ug/Kg	1	☒	8270D	Total/NA
Dibenz(a,h)anthracene	140		35	10	ug/Kg	1	☒	8270D	Total/NA
Fluoranthene	130		35	15	ug/Kg	1	☒	8270D	Total/NA
Fluorene	11	J	35	8.1	ug/Kg	1	☒	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	260		35	12	ug/Kg	1	☒	8270D	Total/NA
Naphthalene	30	J	35	6.9	ug/Kg	1	☒	8270D	Total/NA
Phenanthrene	47		35	15	ug/Kg	1	☒	8270D	Total/NA
Pyrene	140		35	13	ug/Kg	1	☒	8270D	Total/NA

Client Sample ID: B-125 4-6'

Lab Sample ID: 500-61811-31

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	510		140	34	ug/Kg	50	☒	8260B	Total/NA
1-Methylnaphthalene	240		38	19	ug/Kg	1	☒	8270D	Total/NA
2-Methylnaphthalene	120	J	190	49	ug/Kg	1	☒	8270D	Total/NA
Acenaphthene	180		38	11	ug/Kg	1	☒	8270D	Total/NA
Acenaphthylene	32	J	38	8.7	ug/Kg	1	☒	8270D	Total/NA
Anthracene	110		38	8.9	ug/Kg	1	☒	8270D	Total/NA
Benzo[a]anthracene	180		38	7.9	ug/Kg	1	☒	8270D	Total/NA
Benzo[a]pyrene	190		38	6.9	ug/Kg	1	☒	8270D	Total/NA
Benzo[b]fluoranthene	290		38	7.4	ug/Kg	1	☒	8270D	Total/NA
Benzo[g,h,i]perylene	160		38	13	ug/Kg	1	☒	8270D	Total/NA
Benzo[k]fluoranthene	99		38	9.0	ug/Kg	1	☒	8270D	Total/NA
Chrysene	220		38	8.6	ug/Kg	1	☒	8270D	Total/NA
Dibenz(a,h)anthracene	64		38	11	ug/Kg	1	☒	8270D	Total/NA
Fluoranthene	450		38	16	ug/Kg	1	☒	8270D	Total/NA
Fluorene	140		38	8.6	ug/Kg	1	☒	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	130		38	13	ug/Kg	1	☒	8270D	Total/NA
Naphthalene	2600		38	7.3	ug/Kg	1	☒	8270D	Total/NA
Phenanthrene	390		38	16	ug/Kg	1	☒	8270D	Total/NA
Pyrene	300		38	14	ug/Kg	1	☒	8270D	Total/NA

Client Sample ID: B-125 8-10'

Lab Sample ID: 500-61811-32

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	13000		2600	270	ug/Kg	1000	☒	8260B	Total/NA
1,3,5-Trimethylbenzene	7100		2600	270	ug/Kg	1000	☒	8260B	Total/NA
Benzene	980		330	97	ug/Kg	1000	☒	8260B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Chicago

Detection Summary

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-125 8-10' (Continued)

Lab Sample ID: 500-61811-32

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	6500		330	160	ug/Kg	1000	☼	8260B	Total/NA
Isopropylbenzene	1400	J	2600	330	ug/Kg	1000	☼	8260B	Total/NA
Toluene	1300		330	150	ug/Kg	1000	☼	8260B	Total/NA
Xylenes, Total	27000		650	89	ug/Kg	1000	☼	8260B	Total/NA
Naphthalene - DL	1400000		26000	6400	ug/Kg	10000	☼	8260B	Total/NA
1-Methylnaphthalene	31000		3800	1900	ug/Kg	100	☼	8270D	Total/NA
2-Methylnaphthalene	24000		19000	5000	ug/Kg	100	☼	8270D	Total/NA
Acenaphthene	34000		3800	1200	ug/Kg	100	☼	8270D	Total/NA
Acenaphthylene	2800	J	3800	890	ug/Kg	100	☼	8270D	Total/NA
Anthracene	21000		3800	910	ug/Kg	100	☼	8270D	Total/NA
Benzo[a]anthracene	16000		3800	810	ug/Kg	100	☼	8270D	Total/NA
Benzo[a]pyrene	8000		3800	700	ug/Kg	100	☼	8270D	Total/NA
Benzo[b]fluoranthene	12000		3800	750	ug/Kg	100	☼	8270D	Total/NA
Benzo[g,h,i]perylene	3300	J	3800	1300	ug/Kg	100	☼	8270D	Total/NA
Benzo[k]fluoranthene	3600	J	3800	920	ug/Kg	100	☼	8270D	Total/NA
Chrysene	9800		3800	870	ug/Kg	100	☼	8270D	Total/NA
Dibenz(a,h)anthracene	1700	J	3800	1100	ug/Kg	100	☼	8270D	Total/NA
Fluoranthene	80000		3800	1600	ug/Kg	100	☼	8270D	Total/NA
Fluorene	40000		3800	880	ug/Kg	100	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	3000	J	3800	1300	ug/Kg	100	☼	8270D	Total/NA
Naphthalene	210000		3800	740	ug/Kg	100	☼	8270D	Total/NA
Phenanthrene	120000		3800	1600	ug/Kg	100	☼	8270D	Total/NA
Pyrene	47000		3800	1400	ug/Kg	100	☼	8270D	Total/NA

Client Sample ID: B-125 13-15'

Lab Sample ID: 500-61811-33

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	84	J	130	14	ug/Kg	50	☼	8260B	Total/NA
Benzene	220		17	4.9	ug/Kg	50	☼	8260B	Total/NA
Ethylbenzene	50		17	8.4	ug/Kg	50	☼	8260B	Total/NA
Naphthalene	9500		130	33	ug/Kg	50	☼	8260B	Total/NA
Toluene	26		17	7.7	ug/Kg	50	☼	8260B	Total/NA
Xylenes, Total	92		33	4.6	ug/Kg	50	☼	8260B	Total/NA
Acenaphthene	12	J	38	11	ug/Kg	1	☼	8270D	Total/NA
Acenaphthylene	21	J	38	8.7	ug/Kg	1	☼	8270D	Total/NA
Anthracene	55		38	8.9	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene	60		38	8.0	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	56		38	6.9	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	78		38	7.4	ug/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	37	J	38	13	ug/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	28	J	38	9.1	ug/Kg	1	☼	8270D	Total/NA
Chrysene	74		38	8.6	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	280		38	16	ug/Kg	1	☼	8270D	Total/NA
Fluorene	28	J	38	8.6	ug/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	26	J	38	13	ug/Kg	1	☼	8270D	Total/NA
Naphthalene	930		38	7.3	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	180		38	16	ug/Kg	1	☼	8270D	Total/NA
Pyrene	170		38	14	ug/Kg	1	☼	8270D	Total/NA

Client Sample ID: B-125 18-20'

Lab Sample ID: 500-61811-34

This Detection Summary does not include radiochemical test results.

TestAmerica Chicago

Detection Summary

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-125 18-20' (Continued)

Lab Sample ID: 500-61811-34

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Naphthalene	150		150	36	ug/Kg	50		☼	8260B	Total/NA
Acenaphthene	15	J	40	12	ug/Kg	1		☼	8270D	Total/NA
Acenaphthylene	9.3	J	40	9.3	ug/Kg	1		☼	8270D	Total/NA
Anthracene	24	J	40	9.5	ug/Kg	1		☼	8270D	Total/NA
Benzo[a]anthracene	34	J	40	8.5	ug/Kg	1		☼	8270D	Total/NA
Benzo[a]pyrene	31	J	40	7.4	ug/Kg	1		☼	8270D	Total/NA
Benzo[b]fluoranthene	32	J	40	7.9	ug/Kg	1		☼	8270D	Total/NA
Benzo[g,h,i]perylene	30	J	40	14	ug/Kg	1		☼	8270D	Total/NA
Benzo[k]fluoranthene	18	J	40	9.6	ug/Kg	1		☼	8270D	Total/NA
Chrysene	34	J	40	9.1	ug/Kg	1		☼	8270D	Total/NA
Fluoranthene	120		40	17	ug/Kg	1		☼	8270D	Total/NA
Fluorene	19	J	40	9.2	ug/Kg	1		☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	20	J	40	14	ug/Kg	1		☼	8270D	Total/NA
Naphthalene	1400		40	7.8	ug/Kg	1		☼	8270D	Total/NA
Phenanthrene	86		40	17	ug/Kg	1		☼	8270D	Total/NA
Pyrene	88		40	15	ug/Kg	1		☼	8270D	Total/NA

Client Sample ID: Trip Blank

Lab Sample ID: 500-61811-35

No Detections.

Client Sample ID: Trip Blank

Lab Sample ID: 500-61811-36

No Detections.

This Detection Summary does not include radiochemical test results.

TestAmerica Chicago

Method Summary

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL CHI
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL CHI
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL CHI
Moisture	Percent Moisture	EPA	TAL CHI

Protocol References:

EPA = US Environmental Protection Agency

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

Laboratory References:

TAL CHI = TestAmerica Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200



Sample Summary

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-61811-1	B-118 0-2'	Solid	08/19/13 10:50	08/24/13 09:20
500-61811-2	B-118 4-6'	Solid	08/19/13 10:50	08/24/13 09:20
500-61811-3	B-118 8-10'	Solid	08/19/13 11:00	08/24/13 09:20
500-61811-4	B-118 13-15'	Solid	08/19/13 11:10	08/24/13 09:20
500-61811-5	B-119 0-2'	Solid	08/19/13 11:30	08/24/13 09:20
500-61811-6	B-119 4-6'	Solid	08/19/13 11:30	08/24/13 09:20
500-61811-7	B-119 8-10'	Solid	08/19/13 11:45	08/24/13 09:20
500-61811-8	B-119 13-15'	Solid	08/19/13 12:00	08/24/13 09:20
500-61811-9	B-120 0-2'	Solid	08/19/13 12:15	08/24/13 09:20
500-61811-10	B-120 4-6'	Solid	08/19/13 12:15	08/24/13 09:20
500-61811-11	B-120 8-10'	Solid	08/19/13 12:30	08/24/13 09:20
500-61811-12	B-120 13-15'	Solid	08/19/13 12:45	08/24/13 09:20
500-61811-13	B-121 0-2'	Solid	08/20/13 13:20	08/24/13 09:20
500-61811-14	B-121 4-6'	Solid	08/20/13 13:20	08/24/13 09:20
500-61811-15	B-121 10-11'	Solid	08/20/13 13:30	08/24/13 09:20
500-61811-16	B-121 13-15'	Solid	08/20/13 13:40	08/24/13 09:20
500-61811-17	B-122 0-2'	Solid	08/20/13 11:30	08/24/13 09:20
500-61811-18	B-122 4-6'	Solid	08/20/13 11:30	08/24/13 09:20
500-61811-19	B-122 8-10'	Solid	08/20/13 11:40	08/24/13 09:20
500-61811-20	B-122 13-15'	Solid	08/20/13 11:50	08/24/13 09:20
500-61811-21	B-123 0-2'	Solid	08/20/13 11:00	08/24/13 09:20
500-61811-22	B-123 4-6'	Solid	08/20/13 11:00	08/24/13 09:20
500-61811-23	B-123 8-10'	Solid	08/20/13 11:10	08/24/13 09:20
500-61811-24	B-123 13-15'	Solid	08/20/13 11:20	08/24/13 09:20
500-61811-25	B-124 0-3'	Solid	08/20/13 09:30	08/24/13 09:20
500-61811-26	B-124 4-6'	Solid	08/20/13 09:30	08/24/13 09:20
500-61811-27	B-124 8-10'	Solid	08/20/13 09:40	08/24/13 09:20
500-61811-28	B-124 13-15'	Solid	08/20/13 09:50	08/24/13 09:20
500-61811-29	B-124 18-20'	Solid	08/20/13 10:00	08/24/13 09:20
500-61811-30	B-125 0-2'	Solid	08/20/13 12:30	08/24/13 09:20
500-61811-31	B-125 4-6'	Solid	08/20/13 12:30	08/24/13 09:20
500-61811-32	B-125 8-10'	Solid	08/20/13 12:40	08/24/13 09:20
500-61811-33	B-125 13-15'	Solid	08/20/13 12:50	08/24/13 09:20
500-61811-34	B-125 18-20'	Solid	08/20/13 13:00	08/24/13 09:20
500-61811-35	Trip Blank	Solid	08/19/13 00:00	08/24/13 09:20
500-61811-36	Trip Blank	Solid	08/20/13 00:00	08/24/13 09:20

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-118 0-2'

Lab Sample ID: 500-61811-1

Date Collected: 08/19/13 10:50

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 90.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<20		120	20	ug/Kg	*	08/19/13 10:50	08/29/13 14:03	50
1,1,1-Trichloroethane	<12		59	12	ug/Kg	*	08/19/13 10:50	08/29/13 14:03	50
1,1,2,2-Tetrachloroethane	<14		59	14	ug/Kg	*	08/19/13 10:50	08/29/13 14:03	50
1,1,2-Trichloroethane	<16		59	16	ug/Kg	*	08/19/13 10:50	08/29/13 14:03	50
1,1-Dichloroethane	<11		59	11	ug/Kg	*	08/19/13 10:50	08/29/13 14:03	50
1,1-Dichloroethene	<18		59	18	ug/Kg	*	08/19/13 10:50	08/29/13 14:03	50
1,1-Dichloropropene	<20		59	20	ug/Kg	*	08/19/13 10:50	08/29/13 14:03	50
1,2,3-Trichlorobenzene	<21		120	21	ug/Kg	*	08/19/13 10:50	08/29/13 14:03	50
1,2,3-Trichloropropane	<34		120	34	ug/Kg	*	08/19/13 10:50	08/29/13 14:03	50
1,2,4-Trichlorobenzene	<22		120	22	ug/Kg	*	08/19/13 10:50	08/29/13 14:03	50
1,2,4-Trimethylbenzene	<12		120	12	ug/Kg	*	08/19/13 10:50	08/29/13 14:03	50
1,2-Dibromo-3-Chloropropane	<51		120	51	ug/Kg	*	08/19/13 10:50	08/29/13 14:03	50
1,2-Dibromoethane	<18		120	18	ug/Kg	*	08/19/13 10:50	08/29/13 14:03	50
1,2-Dichlorobenzene	<12		120	12	ug/Kg	*	08/19/13 10:50	08/29/13 14:03	50
1,2-Dichloroethane	<17		59	17	ug/Kg	*	08/19/13 10:50	08/29/13 14:03	50
1,2-Dichloropropane	<12		59	12	ug/Kg	*	08/19/13 10:50	08/29/13 14:03	50
1,3,5-Trimethylbenzene	<12		120	12	ug/Kg	*	08/19/13 10:50	08/29/13 14:03	50
1,3-Dichlorobenzene	<15		120	15	ug/Kg	*	08/19/13 10:50	08/29/13 14:03	50
1,3-Dichloropropane	<7.9		59	7.9	ug/Kg	*	08/19/13 10:50	08/29/13 14:03	50
1,4-Dichlorobenzene	<10		120	10	ug/Kg	*	08/19/13 10:50	08/29/13 14:03	50
2,2-Dichloropropane	<19		59	19	ug/Kg	*	08/19/13 10:50	08/29/13 14:03	50
2-Chlorotoluene	<12		59	12	ug/Kg	*	08/19/13 10:50	08/29/13 14:03	50
4-Chlorotoluene	<12		59	12	ug/Kg	*	08/19/13 10:50	08/29/13 14:03	50
Benzene	<4.4		15	4.4	ug/Kg	*	08/19/13 10:50	08/29/13 14:03	50
Bromobenzene	<25		120	25	ug/Kg	*	08/19/13 10:50	08/29/13 14:03	50
Bromochloromethane	<22		120	22	ug/Kg	*	08/19/13 10:50	08/29/13 14:03	50
Bromodichloromethane	<20		120	20	ug/Kg	*	08/19/13 10:50	08/29/13 14:03	50
Bromoform	<26		120	26	ug/Kg	*	08/19/13 10:50	08/29/13 14:03	50
Bromomethane	<40		120	40	ug/Kg	*	08/19/13 10:50	08/29/13 14:03	50
Carbon tetrachloride	<15		59	15	ug/Kg	*	08/19/13 10:50	08/29/13 14:03	50
Chlorobenzene	<8.4		59	8.4	ug/Kg	*	08/19/13 10:50	08/29/13 14:03	50
Chloroethane	<26		120	26	ug/Kg	*	08/19/13 10:50	08/29/13 14:03	50
Chloroform	<12		59	12	ug/Kg	*	08/19/13 10:50	08/29/13 14:03	50
Chloromethane	<27		120	27	ug/Kg	*	08/19/13 10:50	08/29/13 14:03	50
cis-1,2-Dichloroethene	<7.2		59	7.2	ug/Kg	*	08/19/13 10:50	08/29/13 14:03	50
cis-1,3-Dichloropropene	<10		59	10	ug/Kg	*	08/19/13 10:50	08/29/13 14:03	50
Dibromochloromethane	<20		120	20	ug/Kg	*	08/19/13 10:50	08/29/13 14:03	50
Dibromomethane	<28		120	28	ug/Kg	*	08/19/13 10:50	08/29/13 14:03	50
Dichlorodifluoromethane	<30		120	30	ug/Kg	*	08/19/13 10:50	08/29/13 14:03	50
Ethylbenzene	<7.4		15	7.4	ug/Kg	*	08/19/13 10:50	08/29/13 14:03	50
Hexachlorobutadiene	<20		120	20	ug/Kg	*	08/19/13 10:50	08/29/13 14:03	50
Isopropyl ether	<8.6		120	8.6	ug/Kg	*	08/19/13 10:50	08/29/13 14:03	50
Isopropylbenzene	<15		120	15	ug/Kg	*	08/19/13 10:50	08/29/13 14:03	50
Methyl tert-butyl ether	<25		120	25	ug/Kg	*	08/19/13 10:50	08/29/13 14:03	50
Methylene Chloride	<40		290	40	ug/Kg	*	08/19/13 10:50	08/29/13 14:03	50
Naphthalene	<29		120	29	ug/Kg	*	08/19/13 10:50	08/29/13 14:03	50
n-Butylbenzene	<7.6		59	7.6	ug/Kg	*	08/19/13 10:50	08/29/13 14:03	50
N-Propylbenzene	<10		120	10	ug/Kg	*	08/19/13 10:50	08/29/13 14:03	50
p-Isopropyltoluene	<11		120	11	ug/Kg	*	08/19/13 10:50	08/29/13 14:03	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-118 0-2'

Lab Sample ID: 500-61811-1

Date Collected: 08/19/13 10:50

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 90.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<9.0		59	9.0	ug/Kg	☼	08/19/13 10:50	08/29/13 14:03	50
Styrene	<5.8		59	5.8	ug/Kg	☼	08/19/13 10:50	08/29/13 14:03	50
tert-Butylbenzene	<8.0		59	8.0	ug/Kg	☼	08/19/13 10:50	08/29/13 14:03	50
Tetrachloroethene	<9.8		59	9.8	ug/Kg	☼	08/19/13 10:50	08/29/13 14:03	50
Toluene	<6.8		15	6.8	ug/Kg	☼	08/19/13 10:50	08/29/13 14:03	50
trans-1,2-Dichloroethene	<15		59	15	ug/Kg	☼	08/19/13 10:50	08/29/13 14:03	50
trans-1,3-Dichloropropene	<12		59	12	ug/Kg	☼	08/19/13 10:50	08/29/13 14:03	50
Trichloroethene	<11		29	11	ug/Kg	☼	08/19/13 10:50	08/29/13 14:03	50
Trichlorofluoromethane	<24		120	24	ug/Kg	☼	08/19/13 10:50	08/29/13 14:03	50
Vinyl chloride	<6.1		15	6.1	ug/Kg	☼	08/19/13 10:50	08/29/13 14:03	50
Xylenes, Total	<4.0		29	4.0	ug/Kg	☼	08/19/13 10:50	08/29/13 14:03	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		75 - 125				08/19/13 10:50	08/29/13 14:03	50
4-Bromofluorobenzene (Surr)	94		75 - 120				08/19/13 10:50	08/29/13 14:03	50
Dibromofluoromethane	87		75 - 120				08/19/13 10:50	08/29/13 14:03	50
Toluene-d8 (Surr)	92		75 - 120				08/19/13 10:50	08/29/13 14:03	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	18	J	35	18	ug/Kg	☼	08/30/13 20:36	09/04/13 18:03	1
2-Methylnaphthalene	<46		180	46	ug/Kg	☼	08/30/13 20:36	09/04/13 18:03	1
Acenaphthene	27	J	35	11	ug/Kg	☼	08/30/13 20:36	09/04/13 18:03	1
Acenaphthylene	22	J	35	8.2	ug/Kg	☼	08/30/13 20:36	09/04/13 18:03	1
Anthracene	73		35	8.4	ug/Kg	☼	08/30/13 20:36	09/04/13 18:03	1
Benzo[a]anthracene	900		35	7.5	ug/Kg	☼	08/30/13 20:36	09/04/13 18:03	1
Benzo[a]pyrene	930		35	6.5	ug/Kg	☼	08/30/13 20:36	09/04/13 18:03	1
Benzo[b]fluoranthene	1300		35	6.9	ug/Kg	☼	08/30/13 20:36	09/04/13 18:03	1
Benzo[g,h,i]perylene	740		35	12	ug/Kg	☼	08/30/13 20:36	09/04/13 18:03	1
Benzo[k]fluoranthene	520		35	8.5	ug/Kg	☼	08/30/13 20:36	09/04/13 18:03	1
Chrysene	1100		35	8.1	ug/Kg	☼	08/30/13 20:36	09/04/13 18:03	1
Dibenz(a,h)anthracene	350		35	10	ug/Kg	☼	08/30/13 20:36	09/04/13 18:03	1
Fluoranthene	1200		35	15	ug/Kg	☼	08/30/13 20:36	09/04/13 18:03	1
Fluorene	25	J	35	8.1	ug/Kg	☼	08/30/13 20:36	09/04/13 18:03	1
Indeno[1,2,3-cd]pyrene	610		35	12	ug/Kg	☼	08/30/13 20:36	09/04/13 18:03	1
Naphthalene	34	J	35	6.9	ug/Kg	☼	08/30/13 20:36	09/04/13 18:03	1
Phenanthrene	350		35	15	ug/Kg	☼	08/30/13 20:36	09/04/13 18:03	1
Pyrene	970		35	13	ug/Kg	☼	08/30/13 20:36	09/04/13 18:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	48		25 - 119				08/30/13 20:36	09/04/13 18:03	1
Nitrobenzene-d5 (Surr)	41		25 - 115				08/30/13 20:36	09/04/13 18:03	1
Terphenyl-d14 (Surr)	56		36 - 134				08/30/13 20:36	09/04/13 18:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<6.3		18	6.3	ug/Kg	☼	08/30/13 18:19	09/04/13 10:35	1
PCB-1221	<7.9		18	7.9	ug/Kg	☼	08/30/13 18:19	09/04/13 10:35	1
PCB-1232	<7.8		18	7.8	ug/Kg	☼	08/30/13 18:19	09/04/13 10:35	1
PCB-1242	<5.9		18	5.9	ug/Kg	☼	08/30/13 18:19	09/04/13 10:35	1

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-118 0-2'

Lab Sample ID: 500-61811-1

Date Collected: 08/19/13 10:50

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 90.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	<7.1		18	7.1	ug/Kg	☼	08/30/13 18:19	09/04/13 10:35	1
PCB-1254	<3.9		18	3.9	ug/Kg	☼	08/30/13 18:19	09/04/13 10:35	1
PCB-1260	<8.8		18	8.8	ug/Kg	☼	08/30/13 18:19	09/04/13 10:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	81		50 - 116	08/30/13 18:19	09/04/13 10:35	1
DCB Decachlorobiphenyl	81		48 - 142	08/30/13 18:19	09/04/13 10:35	1

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-118 4-6'

Lab Sample ID: 500-61811-2

Date Collected: 08/19/13 10:50

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 87.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<22		130	22	ug/Kg	*	08/19/13 10:50	08/29/13 14:28	50
1,1,1-Trichloroethane	<13		63	13	ug/Kg	*	08/19/13 10:50	08/29/13 14:28	50
1,1,1,2,2-Tetrachloroethane	<15		63	15	ug/Kg	*	08/19/13 10:50	08/29/13 14:28	50
1,1,1,2-Trichloroethane	<18		63	18	ug/Kg	*	08/19/13 10:50	08/29/13 14:28	50
1,1-Dichloroethane	<12		63	12	ug/Kg	*	08/19/13 10:50	08/29/13 14:28	50
1,1-Dichloroethene	<19		63	19	ug/Kg	*	08/19/13 10:50	08/29/13 14:28	50
1,1-Dichloropropene	<22		63	22	ug/Kg	*	08/19/13 10:50	08/29/13 14:28	50
1,2,3-Trichlorobenzene	<22		130	22	ug/Kg	*	08/19/13 10:50	08/29/13 14:28	50
1,2,3-Trichloropropane	<36		130	36	ug/Kg	*	08/19/13 10:50	08/29/13 14:28	50
1,2,4-Trichlorobenzene	<24		130	24	ug/Kg	*	08/19/13 10:50	08/29/13 14:28	50
1,2,4-Trimethylbenzene	<13		130	13	ug/Kg	*	08/19/13 10:50	08/29/13 14:28	50
1,2-Dibromo-3-Chloropropane	<55		130	55	ug/Kg	*	08/19/13 10:50	08/29/13 14:28	50
1,2-Dibromoethane	<20		130	20	ug/Kg	*	08/19/13 10:50	08/29/13 14:28	50
1,2-Dichlorobenzene	<13		130	13	ug/Kg	*	08/19/13 10:50	08/29/13 14:28	50
1,2-Dichloroethane	<18		63	18	ug/Kg	*	08/19/13 10:50	08/29/13 14:28	50
1,2-Dichloropropane	<12		63	12	ug/Kg	*	08/19/13 10:50	08/29/13 14:28	50
1,3,5-Trimethylbenzene	<13		130	13	ug/Kg	*	08/19/13 10:50	08/29/13 14:28	50
1,3-Dichlorobenzene	<16		130	16	ug/Kg	*	08/19/13 10:50	08/29/13 14:28	50
1,3-Dichloropropane	<8.5		63	8.5	ug/Kg	*	08/19/13 10:50	08/29/13 14:28	50
1,4-Dichlorobenzene	<11		130	11	ug/Kg	*	08/19/13 10:50	08/29/13 14:28	50
2,2-Dichloropropane	<20		63	20	ug/Kg	*	08/19/13 10:50	08/29/13 14:28	50
2-Chlorotoluene	<13		63	13	ug/Kg	*	08/19/13 10:50	08/29/13 14:28	50
4-Chlorotoluene	<12		63	12	ug/Kg	*	08/19/13 10:50	08/29/13 14:28	50
Benzene	<4.7		16	4.7	ug/Kg	*	08/19/13 10:50	08/29/13 14:28	50
Bromobenzene	<27		130	27	ug/Kg	*	08/19/13 10:50	08/29/13 14:28	50
Bromochloromethane	<24		130	24	ug/Kg	*	08/19/13 10:50	08/29/13 14:28	50
Bromodichloromethane	<21		130	21	ug/Kg	*	08/19/13 10:50	08/29/13 14:28	50
Bromoform	<28		130	28	ug/Kg	*	08/19/13 10:50	08/29/13 14:28	50
Bromomethane	<43		130	43	ug/Kg	*	08/19/13 10:50	08/29/13 14:28	50
Carbon tetrachloride	<16		63	16	ug/Kg	*	08/19/13 10:50	08/29/13 14:28	50
Chlorobenzene	<9.0		63	9.0	ug/Kg	*	08/19/13 10:50	08/29/13 14:28	50
Chloroethane	<27		130	27	ug/Kg	*	08/19/13 10:50	08/29/13 14:28	50
Chloroform	<13		63	13	ug/Kg	*	08/19/13 10:50	08/29/13 14:28	50
Chloromethane	<29		130	29	ug/Kg	*	08/19/13 10:50	08/29/13 14:28	50
cis-1,2-Dichloroethene	<7.8		63	7.8	ug/Kg	*	08/19/13 10:50	08/29/13 14:28	50
cis-1,3-Dichloropropene	<11		63	11	ug/Kg	*	08/19/13 10:50	08/29/13 14:28	50
Dibromochloromethane	<22		130	22	ug/Kg	*	08/19/13 10:50	08/29/13 14:28	50
Dibromomethane	<30		130	30	ug/Kg	*	08/19/13 10:50	08/29/13 14:28	50
Dichlorodifluoromethane	<32		130	32	ug/Kg	*	08/19/13 10:50	08/29/13 14:28	50
Ethylbenzene	<8.0		16	8.0	ug/Kg	*	08/19/13 10:50	08/29/13 14:28	50
Hexachlorobutadiene	<22		130	22	ug/Kg	*	08/19/13 10:50	08/29/13 14:28	50
Isopropyl ether	<9.3		130	9.3	ug/Kg	*	08/19/13 10:50	08/29/13 14:28	50
Isopropylbenzene	<16		130	16	ug/Kg	*	08/19/13 10:50	08/29/13 14:28	50
Methyl tert-butyl ether	<27		130	27	ug/Kg	*	08/19/13 10:50	08/29/13 14:28	50
Methylene Chloride	<43		320	43	ug/Kg	*	08/19/13 10:50	08/29/13 14:28	50
Naphthalene	<31		130	31	ug/Kg	*	08/19/13 10:50	08/29/13 14:28	50
n-Butylbenzene	<8.1		63	8.1	ug/Kg	*	08/19/13 10:50	08/29/13 14:28	50
N-Propylbenzene	<11		130	11	ug/Kg	*	08/19/13 10:50	08/29/13 14:28	50
p-Isopropyltoluene	<12		130	12	ug/Kg	*	08/19/13 10:50	08/29/13 14:28	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-118 4-6'

Lab Sample ID: 500-61811-2

Date Collected: 08/19/13 10:50

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 87.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<9.7		63	9.7	ug/Kg	☼	08/19/13 10:50	08/29/13 14:28	50
Styrene	<6.2		63	6.2	ug/Kg	☼	08/19/13 10:50	08/29/13 14:28	50
tert-Butylbenzene	<8.6		63	8.6	ug/Kg	☼	08/19/13 10:50	08/29/13 14:28	50
Tetrachloroethene	<11		63	11	ug/Kg	☼	08/19/13 10:50	08/29/13 14:28	50
Toluene	<7.3		16	7.3	ug/Kg	☼	08/19/13 10:50	08/29/13 14:28	50
trans-1,2-Dichloroethene	<16		63	16	ug/Kg	☼	08/19/13 10:50	08/29/13 14:28	50
trans-1,3-Dichloropropene	<13		63	13	ug/Kg	☼	08/19/13 10:50	08/29/13 14:28	50
Trichloroethene	<12		32	12	ug/Kg	☼	08/19/13 10:50	08/29/13 14:28	50
Trichlorofluoromethane	<26		130	26	ug/Kg	☼	08/19/13 10:50	08/29/13 14:28	50
Vinyl chloride	<6.6		16	6.6	ug/Kg	☼	08/19/13 10:50	08/29/13 14:28	50
Xylenes, Total	<4.3		32	4.3	ug/Kg	☼	08/19/13 10:50	08/29/13 14:28	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		75 - 125				08/19/13 10:50	08/29/13 14:28	50
4-Bromofluorobenzene (Surr)	98		75 - 120				08/19/13 10:50	08/29/13 14:28	50
Dibromofluoromethane	87		75 - 120				08/19/13 10:50	08/29/13 14:28	50
Toluene-d8 (Surr)	91		75 - 120				08/19/13 10:50	08/29/13 14:28	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<18		36	18	ug/Kg	☼	08/30/13 20:36	09/04/13 18:22	1
2-Methylnaphthalene	<47		180	47	ug/Kg	☼	08/30/13 20:36	09/04/13 18:22	1
Acenaphthene	<11		36	11	ug/Kg	☼	08/30/13 20:36	09/04/13 18:22	1
Acenaphthylene	<8.3		36	8.3	ug/Kg	☼	08/30/13 20:36	09/04/13 18:22	1
Anthracene	<8.5		36	8.5	ug/Kg	☼	08/30/13 20:36	09/04/13 18:22	1
Benzo[a]anthracene	17 J		36	7.6	ug/Kg	☼	08/30/13 20:36	09/04/13 18:22	1
Benzo[a]pyrene	11 J		36	6.6	ug/Kg	☼	08/30/13 20:36	09/04/13 18:22	1
Benzo[b]fluoranthene	18 J		36	7.1	ug/Kg	☼	08/30/13 20:36	09/04/13 18:22	1
Benzo[g,h,i]perylene	20 J		36	12	ug/Kg	☼	08/30/13 20:36	09/04/13 18:22	1
Benzo[k]fluoranthene	<8.7		36	8.7	ug/Kg	☼	08/30/13 20:36	09/04/13 18:22	1
Chrysene	11 J		36	8.2	ug/Kg	☼	08/30/13 20:36	09/04/13 18:22	1
Dibenz(a,h)anthracene	<10		36	10	ug/Kg	☼	08/30/13 20:36	09/04/13 18:22	1
Fluoranthene	21 J		36	15	ug/Kg	☼	08/30/13 20:36	09/04/13 18:22	1
Fluorene	<8.3		36	8.3	ug/Kg	☼	08/30/13 20:36	09/04/13 18:22	1
Indeno[1,2,3-cd]pyrene	12 J		36	12	ug/Kg	☼	08/30/13 20:36	09/04/13 18:22	1
Naphthalene	<7.0		36	7.0	ug/Kg	☼	08/30/13 20:36	09/04/13 18:22	1
Phenanthrene	<15		36	15	ug/Kg	☼	08/30/13 20:36	09/04/13 18:22	1
Pyrene	18 J		36	13	ug/Kg	☼	08/30/13 20:36	09/04/13 18:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	51		25 - 119				08/30/13 20:36	09/04/13 18:22	1
Nitrobenzene-d5 (Surr)	50		25 - 115				08/30/13 20:36	09/04/13 18:22	1
Terphenyl-d14 (Surr)	54		36 - 134				08/30/13 20:36	09/04/13 18:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<6.6		19	6.6	ug/Kg	☼	08/30/13 18:19	09/04/13 11:16	1
PCB-1221	<8.2		19	8.2	ug/Kg	☼	08/30/13 18:19	09/04/13 11:16	1
PCB-1232	<8.2		19	8.2	ug/Kg	☼	08/30/13 18:19	09/04/13 11:16	1
PCB-1242	<6.2		19	6.2	ug/Kg	☼	08/30/13 18:19	09/04/13 11:16	1

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-118 4-6'

Lab Sample ID: 500-61811-2

Date Collected: 08/19/13 10:50

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 87.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	<7.4		19	7.4	ug/Kg	☼	08/30/13 18:19	09/04/13 11:16	1
PCB-1254	<4.0		19	4.0	ug/Kg	☼	08/30/13 18:19	09/04/13 11:16	1
PCB-1260	<9.2		19	9.2	ug/Kg	☼	08/30/13 18:19	09/04/13 11:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	68		50 - 116	08/30/13 18:19	09/04/13 11:16	1
DCB Decachlorobiphenyl	84		48 - 142	08/30/13 18:19	09/04/13 11:16	1

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-118 8-10'

Lab Sample ID: 500-61811-3

Date Collected: 08/19/13 11:00

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 83.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<24		140	24	ug/Kg	*	08/19/13 11:00	08/29/13 14:53	50
1,1,1-Trichloroethane	<14		71	14	ug/Kg	*	08/19/13 11:00	08/29/13 14:53	50
1,1,2,2-Tetrachloroethane	<17		71	17	ug/Kg	*	08/19/13 11:00	08/29/13 14:53	50
1,1,2-Trichloroethane	<20		71	20	ug/Kg	*	08/19/13 11:00	08/29/13 14:53	50
1,1-Dichloroethane	<13		71	13	ug/Kg	*	08/19/13 11:00	08/29/13 14:53	50
1,1-Dichloroethene	<22		71	22	ug/Kg	*	08/19/13 11:00	08/29/13 14:53	50
1,1-Dichloropropene	<24		71	24	ug/Kg	*	08/19/13 11:00	08/29/13 14:53	50
1,2,3-Trichlorobenzene	<25		140	25	ug/Kg	*	08/19/13 11:00	08/29/13 14:53	50
1,2,3-Trichloropropane	<41		140	41	ug/Kg	*	08/19/13 11:00	08/29/13 14:53	50
1,2,4-Trichlorobenzene	<27		140	27	ug/Kg	*	08/19/13 11:00	08/29/13 14:53	50
1,2,4-Trimethylbenzene	<15		140	15	ug/Kg	*	08/19/13 11:00	08/29/13 14:53	50
1,2-Dibromo-3-Chloropropane	<62		140	62	ug/Kg	*	08/19/13 11:00	08/29/13 14:53	50
1,2-Dibromoethane	<22		140	22	ug/Kg	*	08/19/13 11:00	08/29/13 14:53	50
1,2-Dichlorobenzene	<14		140	14	ug/Kg	*	08/19/13 11:00	08/29/13 14:53	50
1,2-Dichloroethane	<20		71	20	ug/Kg	*	08/19/13 11:00	08/29/13 14:53	50
1,2-Dichloropropane	<14		71	14	ug/Kg	*	08/19/13 11:00	08/29/13 14:53	50
1,3,5-Trimethylbenzene	<15		140	15	ug/Kg	*	08/19/13 11:00	08/29/13 14:53	50
1,3-Dichlorobenzene	<18		140	18	ug/Kg	*	08/19/13 11:00	08/29/13 14:53	50
1,3-Dichloropropane	<9.5		71	9.5	ug/Kg	*	08/19/13 11:00	08/29/13 14:53	50
1,4-Dichlorobenzene	<12		140	12	ug/Kg	*	08/19/13 11:00	08/29/13 14:53	50
2,2-Dichloropropane	<22		71	22	ug/Kg	*	08/19/13 11:00	08/29/13 14:53	50
2-Chlorotoluene	<15		71	15	ug/Kg	*	08/19/13 11:00	08/29/13 14:53	50
4-Chlorotoluene	<14		71	14	ug/Kg	*	08/19/13 11:00	08/29/13 14:53	50
Benzene	<5.2		18	5.2	ug/Kg	*	08/19/13 11:00	08/29/13 14:53	50
Bromobenzene	<30		140	30	ug/Kg	*	08/19/13 11:00	08/29/13 14:53	50
Bromochloromethane	<27		140	27	ug/Kg	*	08/19/13 11:00	08/29/13 14:53	50
Bromodichloromethane	<24		140	24	ug/Kg	*	08/19/13 11:00	08/29/13 14:53	50
Bromoform	<31		140	31	ug/Kg	*	08/19/13 11:00	08/29/13 14:53	50
Bromomethane	<48		140	48	ug/Kg	*	08/19/13 11:00	08/29/13 14:53	50
Carbon tetrachloride	<18		71	18	ug/Kg	*	08/19/13 11:00	08/29/13 14:53	50
Chlorobenzene	<10		71	10	ug/Kg	*	08/19/13 11:00	08/29/13 14:53	50
Chloroethane	<31		140	31	ug/Kg	*	08/19/13 11:00	08/29/13 14:53	50
Chloroform	<14		71	14	ug/Kg	*	08/19/13 11:00	08/29/13 14:53	50
Chloromethane	<33		140	33	ug/Kg	*	08/19/13 11:00	08/29/13 14:53	50
cis-1,2-Dichloroethene	<8.7		71	8.7	ug/Kg	*	08/19/13 11:00	08/29/13 14:53	50
cis-1,3-Dichloropropene	<13		71	13	ug/Kg	*	08/19/13 11:00	08/29/13 14:53	50
Dibromochloromethane	<24		140	24	ug/Kg	*	08/19/13 11:00	08/29/13 14:53	50
Dibromomethane	<34		140	34	ug/Kg	*	08/19/13 11:00	08/29/13 14:53	50
Dichlorodifluoromethane	<36		140	36	ug/Kg	*	08/19/13 11:00	08/29/13 14:53	50
Ethylbenzene	<8.9		18	8.9	ug/Kg	*	08/19/13 11:00	08/29/13 14:53	50
Hexachlorobutadiene	<24		140	24	ug/Kg	*	08/19/13 11:00	08/29/13 14:53	50
Isopropyl ether	<10		140	10	ug/Kg	*	08/19/13 11:00	08/29/13 14:53	50
Isopropylbenzene	<18		140	18	ug/Kg	*	08/19/13 11:00	08/29/13 14:53	50
Methyl tert-butyl ether	<30		140	30	ug/Kg	*	08/19/13 11:00	08/29/13 14:53	50
Methylene Chloride	<48		350	48	ug/Kg	*	08/19/13 11:00	08/29/13 14:53	50
Naphthalene	<35		140	35	ug/Kg	*	08/19/13 11:00	08/29/13 14:53	50
n-Butylbenzene	<9.1		71	9.1	ug/Kg	*	08/19/13 11:00	08/29/13 14:53	50
N-Propylbenzene	<12		140	12	ug/Kg	*	08/19/13 11:00	08/29/13 14:53	50
p-Isopropyltoluene	<13		140	13	ug/Kg	*	08/19/13 11:00	08/29/13 14:53	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-118 8-10'

Lab Sample ID: 500-61811-3

Date Collected: 08/19/13 11:00

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 83.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<11		71	11	ug/Kg	☼	08/19/13 11:00	08/29/13 14:53	50
Styrene	<7.0		71	7.0	ug/Kg	☼	08/19/13 11:00	08/29/13 14:53	50
tert-Butylbenzene	<9.6		71	9.6	ug/Kg	☼	08/19/13 11:00	08/29/13 14:53	50
Tetrachloroethene	<12		71	12	ug/Kg	☼	08/19/13 11:00	08/29/13 14:53	50
Toluene	<8.1		18	8.1	ug/Kg	☼	08/19/13 11:00	08/29/13 14:53	50
trans-1,2-Dichloroethene	<18		71	18	ug/Kg	☼	08/19/13 11:00	08/29/13 14:53	50
trans-1,3-Dichloropropene	<15		71	15	ug/Kg	☼	08/19/13 11:00	08/29/13 14:53	50
Trichloroethene	<13		35	13	ug/Kg	☼	08/19/13 11:00	08/29/13 14:53	50
Trichlorofluoromethane	<29		140	29	ug/Kg	☼	08/19/13 11:00	08/29/13 14:53	50
Vinyl chloride	<7.3		18	7.3	ug/Kg	☼	08/19/13 11:00	08/29/13 14:53	50
Xylenes, Total	<4.8		35	4.8	ug/Kg	☼	08/19/13 11:00	08/29/13 14:53	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		75 - 125				08/19/13 11:00	08/29/13 14:53	50
4-Bromofluorobenzene (Surr)	99		75 - 120				08/19/13 11:00	08/29/13 14:53	50
Dibromofluoromethane	85		75 - 120				08/19/13 11:00	08/29/13 14:53	50
Toluene-d8 (Surr)	93		75 - 120				08/19/13 11:00	08/29/13 14:53	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<20		39	20	ug/Kg	☼	08/30/13 20:36	09/04/13 18:42	1
2-Methylnaphthalene	<52		200	52	ug/Kg	☼	08/30/13 20:36	09/04/13 18:42	1
Acenaphthene	<12		39	12	ug/Kg	☼	08/30/13 20:36	09/04/13 18:42	1
Acenaphthylene	<9.1		39	9.1	ug/Kg	☼	08/30/13 20:36	09/04/13 18:42	1
Anthracene	<9.3		39	9.3	ug/Kg	☼	08/30/13 20:36	09/04/13 18:42	1
Benzo[a]anthracene	14 J		39	8.3	ug/Kg	☼	08/30/13 20:36	09/04/13 18:42	1
Benzo[a]pyrene	8.4 J		39	7.2	ug/Kg	☼	08/30/13 20:36	09/04/13 18:42	1
Benzo[b]fluoranthene	13 J		39	7.7	ug/Kg	☼	08/30/13 20:36	09/04/13 18:42	1
Benzo[g,h,i]perylene	15 J		39	13	ug/Kg	☼	08/30/13 20:36	09/04/13 18:42	1
Benzo[k]fluoranthene	<9.5		39	9.5	ug/Kg	☼	08/30/13 20:36	09/04/13 18:42	1
Chrysene	11 J		39	9.0	ug/Kg	☼	08/30/13 20:36	09/04/13 18:42	1
Dibenz(a,h)anthracene	<11		39	11	ug/Kg	☼	08/30/13 20:36	09/04/13 18:42	1
Fluoranthene	18 J		39	16	ug/Kg	☼	08/30/13 20:36	09/04/13 18:42	1
Fluorene	<9.0		39	9.0	ug/Kg	☼	08/30/13 20:36	09/04/13 18:42	1
Indeno[1,2,3-cd]pyrene	<13		39	13	ug/Kg	☼	08/30/13 20:36	09/04/13 18:42	1
Naphthalene	<7.6		39	7.6	ug/Kg	☼	08/30/13 20:36	09/04/13 18:42	1
Phenanthrene	<17		39	17	ug/Kg	☼	08/30/13 20:36	09/04/13 18:42	1
Pyrene	15 J		39	14	ug/Kg	☼	08/30/13 20:36	09/04/13 18:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	52		25 - 119				08/30/13 20:36	09/04/13 18:42	1
Nitrobenzene-d5 (Surr)	59		25 - 115				08/30/13 20:36	09/04/13 18:42	1
Terphenyl-d14 (Surr)	55		36 - 134				08/30/13 20:36	09/04/13 18:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<7.0		20	7.0	ug/Kg	☼	08/30/13 18:19	09/04/13 11:30	1
PCB-1221	<8.6		20	8.6	ug/Kg	☼	08/30/13 18:19	09/04/13 11:30	1
PCB-1232	<8.6		20	8.6	ug/Kg	☼	08/30/13 18:19	09/04/13 11:30	1
PCB-1242	<6.5		20	6.5	ug/Kg	☼	08/30/13 18:19	09/04/13 11:30	1

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-118 8-10'

Lab Sample ID: 500-61811-3

Date Collected: 08/19/13 11:00

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 83.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	<7.7		20	7.7	ug/Kg	☼	08/30/13 18:19	09/04/13 11:30	1
PCB-1254	<4.2		20	4.2	ug/Kg	☼	08/30/13 18:19	09/04/13 11:30	1
PCB-1260	<9.6		20	9.6	ug/Kg	☼	08/30/13 18:19	09/04/13 11:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	69		50 - 116	08/30/13 18:19	09/04/13 11:30	1
DCB Decachlorobiphenyl	79		48 - 142	08/30/13 18:19	09/04/13 11:30	1



Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-118 13-15'

Lab Sample ID: 500-61811-4

Date Collected: 08/19/13 11:10

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 81.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<24		140	24	ug/Kg	*	08/19/13 11:10	08/29/13 15:18	50
1,1,1-Trichloroethane	<14		70	14	ug/Kg	*	08/19/13 11:10	08/29/13 15:18	50
1,1,2,2-Tetrachloroethane	<16		70	16	ug/Kg	*	08/19/13 11:10	08/29/13 15:18	50
1,1,2-Trichloroethane	<19		70	19	ug/Kg	*	08/19/13 11:10	08/29/13 15:18	50
1,1-Dichloroethane	<13		70	13	ug/Kg	*	08/19/13 11:10	08/29/13 15:18	50
1,1-Dichloroethene	<21		70	21	ug/Kg	*	08/19/13 11:10	08/29/13 15:18	50
1,1-Dichloropropene	<24		70	24	ug/Kg	*	08/19/13 11:10	08/29/13 15:18	50
1,2,3-Trichlorobenzene	<24		140	24	ug/Kg	*	08/19/13 11:10	08/29/13 15:18	50
1,2,3-Trichloropropane	<40		140	40	ug/Kg	*	08/19/13 11:10	08/29/13 15:18	50
1,2,4-Trichlorobenzene	<26		140	26	ug/Kg	*	08/19/13 11:10	08/29/13 15:18	50
1,2,4-Trimethylbenzene	<15		140	15	ug/Kg	*	08/19/13 11:10	08/29/13 15:18	50
1,2-Dibromo-3-Chloropropane	<61		140	61	ug/Kg	*	08/19/13 11:10	08/29/13 15:18	50
1,2-Dibromoethane	<22		140	22	ug/Kg	*	08/19/13 11:10	08/29/13 15:18	50
1,2-Dichlorobenzene	<14		140	14	ug/Kg	*	08/19/13 11:10	08/29/13 15:18	50
1,2-Dichloroethane	<20		70	20	ug/Kg	*	08/19/13 11:10	08/29/13 15:18	50
1,2-Dichloropropane	<14		70	14	ug/Kg	*	08/19/13 11:10	08/29/13 15:18	50
1,3,5-Trimethylbenzene	<14		140	14	ug/Kg	*	08/19/13 11:10	08/29/13 15:18	50
1,3-Dichlorobenzene	<18		140	18	ug/Kg	*	08/19/13 11:10	08/29/13 15:18	50
1,3-Dichloropropane	<9.3		70	9.3	ug/Kg	*	08/19/13 11:10	08/29/13 15:18	50
1,4-Dichlorobenzene	<12		140	12	ug/Kg	*	08/19/13 11:10	08/29/13 15:18	50
2,2-Dichloropropane	<22		70	22	ug/Kg	*	08/19/13 11:10	08/29/13 15:18	50
2-Chlorotoluene	<14		70	14	ug/Kg	*	08/19/13 11:10	08/29/13 15:18	50
4-Chlorotoluene	<14		70	14	ug/Kg	*	08/19/13 11:10	08/29/13 15:18	50
Benzene	<5.2		17	5.2	ug/Kg	*	08/19/13 11:10	08/29/13 15:18	50
Bromobenzene	<30		140	30	ug/Kg	*	08/19/13 11:10	08/29/13 15:18	50
Bromochloromethane	<26		140	26	ug/Kg	*	08/19/13 11:10	08/29/13 15:18	50
Bromodichloromethane	<24		140	24	ug/Kg	*	08/19/13 11:10	08/29/13 15:18	50
Bromoform	<31		140	31	ug/Kg	*	08/19/13 11:10	08/29/13 15:18	50
Bromomethane	<47		140	47	ug/Kg	*	08/19/13 11:10	08/29/13 15:18	50
Carbon tetrachloride	<18		70	18	ug/Kg	*	08/19/13 11:10	08/29/13 15:18	50
Chlorobenzene	<10		70	10	ug/Kg	*	08/19/13 11:10	08/29/13 15:18	50
Chloroethane	<30		140	30	ug/Kg	*	08/19/13 11:10	08/29/13 15:18	50
Chloroform	<14		70	14	ug/Kg	*	08/19/13 11:10	08/29/13 15:18	50
Chloromethane	<32		140	32	ug/Kg	*	08/19/13 11:10	08/29/13 15:18	50
cis-1,2-Dichloroethene	<8.6		70	8.6	ug/Kg	*	08/19/13 11:10	08/29/13 15:18	50
cis-1,3-Dichloropropene	<12		70	12	ug/Kg	*	08/19/13 11:10	08/29/13 15:18	50
Dibromochloromethane	<24		140	24	ug/Kg	*	08/19/13 11:10	08/29/13 15:18	50
Dibromomethane	<33		140	33	ug/Kg	*	08/19/13 11:10	08/29/13 15:18	50
Dichlorodifluoromethane	<36		140	36	ug/Kg	*	08/19/13 11:10	08/29/13 15:18	50
Ethylbenzene	<8.8		17	8.8	ug/Kg	*	08/19/13 11:10	08/29/13 15:18	50
Hexachlorobutadiene	<24		140	24	ug/Kg	*	08/19/13 11:10	08/29/13 15:18	50
Isopropyl ether	<10		140	10	ug/Kg	*	08/19/13 11:10	08/29/13 15:18	50
Isopropylbenzene	<17		140	17	ug/Kg	*	08/19/13 11:10	08/29/13 15:18	50
Methyl tert-butyl ether	<30		140	30	ug/Kg	*	08/19/13 11:10	08/29/13 15:18	50
Methylene Chloride	<48		350	48	ug/Kg	*	08/19/13 11:10	08/29/13 15:18	50
Naphthalene	<34		140	34	ug/Kg	*	08/19/13 11:10	08/29/13 15:18	50
n-Butylbenzene	<9.0		70	9.0	ug/Kg	*	08/19/13 11:10	08/29/13 15:18	50
N-Propylbenzene	<12		140	12	ug/Kg	*	08/19/13 11:10	08/29/13 15:18	50
p-Isopropyltoluene	<13		140	13	ug/Kg	*	08/19/13 11:10	08/29/13 15:18	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-118 13-15'

Lab Sample ID: 500-61811-4

Date Collected: 08/19/13 11:10

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 81.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<11		70	11	ug/Kg	☼	08/19/13 11:10	08/29/13 15:18	50
Styrene	<6.9		70	6.9	ug/Kg	☼	08/19/13 11:10	08/29/13 15:18	50
tert-Butylbenzene	<9.5		70	9.5	ug/Kg	☼	08/19/13 11:10	08/29/13 15:18	50
Tetrachloroethene	<12		70	12	ug/Kg	☼	08/19/13 11:10	08/29/13 15:18	50
Toluene	<8.0		17	8.0	ug/Kg	☼	08/19/13 11:10	08/29/13 15:18	50
trans-1,2-Dichloroethene	<17		70	17	ug/Kg	☼	08/19/13 11:10	08/29/13 15:18	50
trans-1,3-Dichloropropene	<14		70	14	ug/Kg	☼	08/19/13 11:10	08/29/13 15:18	50
Trichloroethene	<13		35	13	ug/Kg	☼	08/19/13 11:10	08/29/13 15:18	50
Trichlorofluoromethane	<29		140	29	ug/Kg	☼	08/19/13 11:10	08/29/13 15:18	50
Vinyl chloride	<7.2		17	7.2	ug/Kg	☼	08/19/13 11:10	08/29/13 15:18	50
Xylenes, Total	<4.8		35	4.8	ug/Kg	☼	08/19/13 11:10	08/29/13 15:18	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		75 - 125				08/19/13 11:10	08/29/13 15:18	50
4-Bromofluorobenzene (Surr)	97		75 - 120				08/19/13 11:10	08/29/13 15:18	50
Dibromofluoromethane	86		75 - 120				08/19/13 11:10	08/29/13 15:18	50
Toluene-d8 (Surr)	93		75 - 120				08/19/13 11:10	08/29/13 15:18	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<20		40	20	ug/Kg	☼	08/30/13 20:36	09/04/13 19:01	1
2-Methylnaphthalene	<52		200	52	ug/Kg	☼	08/30/13 20:36	09/04/13 19:01	1
Acenaphthene	<12		40	12	ug/Kg	☼	08/30/13 20:36	09/04/13 19:01	1
Acenaphthylene	<9.3		40	9.3	ug/Kg	☼	08/30/13 20:36	09/04/13 19:01	1
Anthracene	<9.5		40	9.5	ug/Kg	☼	08/30/13 20:36	09/04/13 19:01	1
Benzo[a]anthracene	<8.5		40	8.5	ug/Kg	☼	08/30/13 20:36	09/04/13 19:01	1
Benzo[a]pyrene	<7.4		40	7.4	ug/Kg	☼	08/30/13 20:36	09/04/13 19:01	1
Benzo[b]fluoranthene	<7.8		40	7.8	ug/Kg	☼	08/30/13 20:36	09/04/13 19:01	1
Benzo[g,h,i]perylene	14 J		40	14	ug/Kg	☼	08/30/13 20:36	09/04/13 19:01	1
Benzo[k]fluoranthene	<9.6		40	9.6	ug/Kg	☼	08/30/13 20:36	09/04/13 19:01	1
Chrysene	13 J		40	9.1	ug/Kg	☼	08/30/13 20:36	09/04/13 19:01	1
Dibenz(a,h)anthracene	<11		40	11	ug/Kg	☼	08/30/13 20:36	09/04/13 19:01	1
Fluoranthene	<17		40	17	ug/Kg	☼	08/30/13 20:36	09/04/13 19:01	1
Fluorene	<9.2		40	9.2	ug/Kg	☼	08/30/13 20:36	09/04/13 19:01	1
Indeno[1,2,3-cd]pyrene	<14		40	14	ug/Kg	☼	08/30/13 20:36	09/04/13 19:01	1
Naphthalene	<7.8		40	7.8	ug/Kg	☼	08/30/13 20:36	09/04/13 19:01	1
Phenanthrene	17 J		40	17	ug/Kg	☼	08/30/13 20:36	09/04/13 19:01	1
Pyrene	<15		40	15	ug/Kg	☼	08/30/13 20:36	09/04/13 19:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	39		25 - 119				08/30/13 20:36	09/04/13 19:01	1
Nitrobenzene-d5 (Surr)	40		25 - 115				08/30/13 20:36	09/04/13 19:01	1
Terphenyl-d14 (Surr)	48		36 - 134				08/30/13 20:36	09/04/13 19:01	1

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-119 0-2'

Lab Sample ID: 500-61811-5

Date Collected: 08/19/13 11:30

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 85.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<23		130	23	ug/Kg	*	08/19/13 11:30	08/29/13 15:42	50
1,1,1-Trichloroethane	<13		65	13	ug/Kg	*	08/19/13 11:30	08/29/13 15:42	50
1,1,2,2-Tetrachloroethane	<15		65	15	ug/Kg	*	08/19/13 11:30	08/29/13 15:42	50
1,1,2-Trichloroethane	<18		65	18	ug/Kg	*	08/19/13 11:30	08/29/13 15:42	50
1,1-Dichloroethane	<12		65	12	ug/Kg	*	08/19/13 11:30	08/29/13 15:42	50
1,1-Dichloroethene	<20		65	20	ug/Kg	*	08/19/13 11:30	08/29/13 15:42	50
1,1-Dichloropropene	<22		65	22	ug/Kg	*	08/19/13 11:30	08/29/13 15:42	50
1,2,3-Trichlorobenzene	<23		130	23	ug/Kg	*	08/19/13 11:30	08/29/13 15:42	50
1,2,3-Trichloropropane	<37		130	37	ug/Kg	*	08/19/13 11:30	08/29/13 15:42	50
1,2,4-Trichlorobenzene	<25		130	25	ug/Kg	*	08/19/13 11:30	08/29/13 15:42	50
1,2,4-Trimethylbenzene	<14		130	14	ug/Kg	*	08/19/13 11:30	08/29/13 15:42	50
1,2-Dibromo-3-Chloropropane	<57		130	57	ug/Kg	*	08/19/13 11:30	08/29/13 15:42	50
1,2-Dibromoethane	<20		130	20	ug/Kg	*	08/19/13 11:30	08/29/13 15:42	50
1,2-Dichlorobenzene	<13		130	13	ug/Kg	*	08/19/13 11:30	08/29/13 15:42	50
1,2-Dichloroethane	<19		65	19	ug/Kg	*	08/19/13 11:30	08/29/13 15:42	50
1,2-Dichloropropane	<13		65	13	ug/Kg	*	08/19/13 11:30	08/29/13 15:42	50
1,3,5-Trimethylbenzene	<13		130	13	ug/Kg	*	08/19/13 11:30	08/29/13 15:42	50
1,3-Dichlorobenzene	<17		130	17	ug/Kg	*	08/19/13 11:30	08/29/13 15:42	50
1,3-Dichloropropane	<8.7		65	8.7	ug/Kg	*	08/19/13 11:30	08/29/13 15:42	50
1,4-Dichlorobenzene	<11		130	11	ug/Kg	*	08/19/13 11:30	08/29/13 15:42	50
2,2-Dichloropropane	<21		65	21	ug/Kg	*	08/19/13 11:30	08/29/13 15:42	50
2-Chlorotoluene	<14		65	14	ug/Kg	*	08/19/13 11:30	08/29/13 15:42	50
4-Chlorotoluene	<13		65	13	ug/Kg	*	08/19/13 11:30	08/29/13 15:42	50
Benzene	100		16	4.8	ug/Kg	*	08/19/13 11:30	08/29/13 15:42	50
Bromobenzene	<28		130	28	ug/Kg	*	08/19/13 11:30	08/29/13 15:42	50
Bromochloromethane	<25		130	25	ug/Kg	*	08/19/13 11:30	08/29/13 15:42	50
Bromodichloromethane	<22		130	22	ug/Kg	*	08/19/13 11:30	08/29/13 15:42	50
Bromoform	<29		130	29	ug/Kg	*	08/19/13 11:30	08/29/13 15:42	50
Bromomethane	<44		130	44	ug/Kg	*	08/19/13 11:30	08/29/13 15:42	50
Carbon tetrachloride	<17		65	17	ug/Kg	*	08/19/13 11:30	08/29/13 15:42	50
Chlorobenzene	<9.3		65	9.3	ug/Kg	*	08/19/13 11:30	08/29/13 15:42	50
Chloroethane	<28		130	28	ug/Kg	*	08/19/13 11:30	08/29/13 15:42	50
Chloroform	<13		65	13	ug/Kg	*	08/19/13 11:30	08/29/13 15:42	50
Chloromethane	<30		130	30	ug/Kg	*	08/19/13 11:30	08/29/13 15:42	50
cis-1,2-Dichloroethene	<8.0		65	8.0	ug/Kg	*	08/19/13 11:30	08/29/13 15:42	50
cis-1,3-Dichloropropene	<12		65	12	ug/Kg	*	08/19/13 11:30	08/29/13 15:42	50
Dibromochloromethane	<23		130	23	ug/Kg	*	08/19/13 11:30	08/29/13 15:42	50
Dibromomethane	<31		130	31	ug/Kg	*	08/19/13 11:30	08/29/13 15:42	50
Dichlorodifluoromethane	<33		130	33	ug/Kg	*	08/19/13 11:30	08/29/13 15:42	50
Ethylbenzene	<8.2		16	8.2	ug/Kg	*	08/19/13 11:30	08/29/13 15:42	50
Hexachlorobutadiene	<23		130	23	ug/Kg	*	08/19/13 11:30	08/29/13 15:42	50
Isopropyl ether	<9.6		130	9.6	ug/Kg	*	08/19/13 11:30	08/29/13 15:42	50
Isopropylbenzene	<16		130	16	ug/Kg	*	08/19/13 11:30	08/29/13 15:42	50
Methyl tert-butyl ether	<28		130	28	ug/Kg	*	08/19/13 11:30	08/29/13 15:42	50
Methylene Chloride	<45		330	45	ug/Kg	*	08/19/13 11:30	08/29/13 15:42	50
Naphthalene	460		130	32	ug/Kg	*	08/19/13 11:30	08/29/13 15:42	50
n-Butylbenzene	<8.4		65	8.4	ug/Kg	*	08/19/13 11:30	08/29/13 15:42	50
N-Propylbenzene	<11		130	11	ug/Kg	*	08/19/13 11:30	08/29/13 15:42	50
p-Isopropyltoluene	<12		130	12	ug/Kg	*	08/19/13 11:30	08/29/13 15:42	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-119 0-2'

Lab Sample ID: 500-61811-5

Date Collected: 08/19/13 11:30

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 85.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<10		65	10	ug/Kg	☼	08/19/13 11:30	08/29/13 15:42	50
Styrene	<6.4		65	6.4	ug/Kg	☼	08/19/13 11:30	08/29/13 15:42	50
tert-Butylbenzene	<8.9		65	8.9	ug/Kg	☼	08/19/13 11:30	08/29/13 15:42	50
Tetrachloroethene	<11		65	11	ug/Kg	☼	08/19/13 11:30	08/29/13 15:42	50
Toluene	130		16	7.5	ug/Kg	☼	08/19/13 11:30	08/29/13 15:42	50
trans-1,2-Dichloroethene	<16		65	16	ug/Kg	☼	08/19/13 11:30	08/29/13 15:42	50
trans-1,3-Dichloropropene	<14		65	14	ug/Kg	☼	08/19/13 11:30	08/29/13 15:42	50
Trichloroethene	<12		33	12	ug/Kg	☼	08/19/13 11:30	08/29/13 15:42	50
Trichlorofluoromethane	<27		130	27	ug/Kg	☼	08/19/13 11:30	08/29/13 15:42	50
Vinyl chloride	<6.8		16	6.8	ug/Kg	☼	08/19/13 11:30	08/29/13 15:42	50
Xylenes, Total	50		33	4.5	ug/Kg	☼	08/19/13 11:30	08/29/13 15:42	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		75 - 125				08/19/13 11:30	08/29/13 15:42	50
4-Bromofluorobenzene (Surr)	94		75 - 120				08/19/13 11:30	08/29/13 15:42	50
Dibromofluoromethane	85		75 - 120				08/19/13 11:30	08/29/13 15:42	50
Toluene-d8 (Surr)	94		75 - 120				08/19/13 11:30	08/29/13 15:42	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	110		38	19	ug/Kg	☼	08/30/13 20:36	09/04/13 19:21	1
2-Methylnaphthalene	140	J	190	50	ug/Kg	☼	08/30/13 20:36	09/04/13 19:21	1
Acenaphthene	250		38	12	ug/Kg	☼	08/30/13 20:36	09/04/13 19:21	1
Acenaphthylene	67		38	8.9	ug/Kg	☼	08/30/13 20:36	09/04/13 19:21	1
Anthracene	570		38	9.1	ug/Kg	☼	08/30/13 20:36	09/04/13 19:21	1
Benzo[a]anthracene	1600		38	8.1	ug/Kg	☼	08/30/13 20:36	09/04/13 19:21	1
Benzo[a]pyrene	1400		38	7.0	ug/Kg	☼	08/30/13 20:36	09/04/13 19:21	1
Benzo[b]fluoranthene	1900		38	7.5	ug/Kg	☼	08/30/13 20:36	09/04/13 19:21	1
Benzo[g,h,i]perylene	1200		38	13	ug/Kg	☼	08/30/13 20:36	09/04/13 19:21	1
Benzo[k]fluoranthene	830		38	9.2	ug/Kg	☼	08/30/13 20:36	09/04/13 19:21	1
Chrysene	1700		38	8.7	ug/Kg	☼	08/30/13 20:36	09/04/13 19:21	1
Dibenz(a,h)anthracene	560		38	11	ug/Kg	☼	08/30/13 20:36	09/04/13 19:21	1
Fluoranthene	2600		38	16	ug/Kg	☼	08/30/13 20:36	09/04/13 19:21	1
Fluorene	280		38	8.8	ug/Kg	☼	08/30/13 20:36	09/04/13 19:21	1
Indeno[1,2,3-cd]pyrene	940		38	13	ug/Kg	☼	08/30/13 20:36	09/04/13 19:21	1
Naphthalene	330		38	7.4	ug/Kg	☼	08/30/13 20:36	09/04/13 19:21	1
Phenanthrene	1800		38	16	ug/Kg	☼	08/30/13 20:36	09/04/13 19:21	1
Pyrene	2000		38	14	ug/Kg	☼	08/30/13 20:36	09/04/13 19:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	46		25 - 119				08/30/13 20:36	09/04/13 19:21	1
Nitrobenzene-d5 (Surr)	50		25 - 115				08/30/13 20:36	09/04/13 19:21	1
Terphenyl-d14 (Surr)	55		36 - 134				08/30/13 20:36	09/04/13 19:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<6.5		18	6.5	ug/Kg	☼	08/30/13 18:19	09/04/13 11:43	1
PCB-1221	<8.0		18	8.0	ug/Kg	☼	08/30/13 18:19	09/04/13 11:43	1
PCB-1232	<8.0		18	8.0	ug/Kg	☼	08/30/13 18:19	09/04/13 11:43	1
PCB-1242	<6.0		18	6.0	ug/Kg	☼	08/30/13 18:19	09/04/13 11:43	1

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-119 0-2'

Lab Sample ID: 500-61811-5

Date Collected: 08/19/13 11:30

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 85.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	<7.2		18	7.2	ug/Kg	☼	08/30/13 18:19	09/04/13 11:43	1
PCB-1254	73		18	3.9	ug/Kg	☼	08/30/13 18:19	09/04/13 11:43	1
PCB-1260	<9.0		18	9.0	ug/Kg	☼	08/30/13 18:19	09/04/13 11:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	79		50 - 116	08/30/13 18:19	09/04/13 11:43	1
DCB Decachlorobiphenyl	76		48 - 142	08/30/13 18:19	09/04/13 11:43	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-119 4-6'

Lab Sample ID: 500-61811-6

Date Collected: 08/19/13 11:30

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 83.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<24		140	24	ug/Kg	☼	08/19/13 11:30	08/29/13 16:08	50
1,1,1-Trichloroethane	<14		71	14	ug/Kg	☼	08/19/13 11:30	08/29/13 16:08	50
1,1,2,2-Tetrachloroethane	<17		71	17	ug/Kg	☼	08/19/13 11:30	08/29/13 16:08	50
1,1,2-Trichloroethane	<20		71	20	ug/Kg	☼	08/19/13 11:30	08/29/13 16:08	50
1,1-Dichloroethane	<13		71	13	ug/Kg	☼	08/19/13 11:30	08/29/13 16:08	50
1,1-Dichloroethene	<22		71	22	ug/Kg	☼	08/19/13 11:30	08/29/13 16:08	50
1,1-Dichloropropene	<24		71	24	ug/Kg	☼	08/19/13 11:30	08/29/13 16:08	50
1,2,3-Trichlorobenzene	<25		140	25	ug/Kg	☼	08/19/13 11:30	08/29/13 16:08	50
1,2,3-Trichloropropane	<41		140	41	ug/Kg	☼	08/19/13 11:30	08/29/13 16:08	50
1,2,4-Trichlorobenzene	<27		140	27	ug/Kg	☼	08/19/13 11:30	08/29/13 16:08	50
1,2,4-Trimethylbenzene	250		140	15	ug/Kg	☼	08/19/13 11:30	08/29/13 16:08	50
1,2-Dibromo-3-Chloropropane	<62		140	62	ug/Kg	☼	08/19/13 11:30	08/29/13 16:08	50
1,2-Dibromoethane	<22		140	22	ug/Kg	☼	08/19/13 11:30	08/29/13 16:08	50
1,2-Dichlorobenzene	<15		140	15	ug/Kg	☼	08/19/13 11:30	08/29/13 16:08	50
1,2-Dichloroethane	<20		71	20	ug/Kg	☼	08/19/13 11:30	08/29/13 16:08	50
1,2-Dichloropropane	<14		71	14	ug/Kg	☼	08/19/13 11:30	08/29/13 16:08	50
1,3,5-Trimethylbenzene	<15		140	15	ug/Kg	☼	08/19/13 11:30	08/29/13 16:08	50
1,3-Dichlorobenzene	<18		140	18	ug/Kg	☼	08/19/13 11:30	08/29/13 16:08	50
1,3-Dichloropropane	<9.5		71	9.5	ug/Kg	☼	08/19/13 11:30	08/29/13 16:08	50
1,4-Dichlorobenzene	<12		140	12	ug/Kg	☼	08/19/13 11:30	08/29/13 16:08	50
2,2-Dichloropropane	<22		71	22	ug/Kg	☼	08/19/13 11:30	08/29/13 16:08	50
2-Chlorotoluene	<15		71	15	ug/Kg	☼	08/19/13 11:30	08/29/13 16:08	50
4-Chlorotoluene	<14		71	14	ug/Kg	☼	08/19/13 11:30	08/29/13 16:08	50
Benzene	<5.3		18	5.3	ug/Kg	☼	08/19/13 11:30	08/29/13 16:08	50
Bromobenzene	<30		140	30	ug/Kg	☼	08/19/13 11:30	08/29/13 16:08	50
Bromochloromethane	<27		140	27	ug/Kg	☼	08/19/13 11:30	08/29/13 16:08	50
Bromodichloromethane	<24		140	24	ug/Kg	☼	08/19/13 11:30	08/29/13 16:08	50
Bromoform	<31		140	31	ug/Kg	☼	08/19/13 11:30	08/29/13 16:08	50
Bromomethane	<48		140	48	ug/Kg	☼	08/19/13 11:30	08/29/13 16:08	50
Carbon tetrachloride	<18		71	18	ug/Kg	☼	08/19/13 11:30	08/29/13 16:08	50
Chlorobenzene	<10		71	10	ug/Kg	☼	08/19/13 11:30	08/29/13 16:08	50
Chloroethane	<31		140	31	ug/Kg	☼	08/19/13 11:30	08/29/13 16:08	50
Chloroform	<15		71	15	ug/Kg	☼	08/19/13 11:30	08/29/13 16:08	50
Chloromethane	<33		140	33	ug/Kg	☼	08/19/13 11:30	08/29/13 16:08	50
cis-1,2-Dichloroethene	<8.7		71	8.7	ug/Kg	☼	08/19/13 11:30	08/29/13 16:08	50
cis-1,3-Dichloropropene	<13		71	13	ug/Kg	☼	08/19/13 11:30	08/29/13 16:08	50
Dibromochloromethane	<24		140	24	ug/Kg	☼	08/19/13 11:30	08/29/13 16:08	50
Dibromomethane	<34		140	34	ug/Kg	☼	08/19/13 11:30	08/29/13 16:08	50
Dichlorodifluoromethane	<36		140	36	ug/Kg	☼	08/19/13 11:30	08/29/13 16:08	50
Ethylbenzene	46		18	8.9	ug/Kg	☼	08/19/13 11:30	08/29/13 16:08	50
Hexachlorobutadiene	<24		140	24	ug/Kg	☼	08/19/13 11:30	08/29/13 16:08	50
Isopropyl ether	<10		140	10	ug/Kg	☼	08/19/13 11:30	08/29/13 16:08	50
Isopropylbenzene	<18		140	18	ug/Kg	☼	08/19/13 11:30	08/29/13 16:08	50
Methyl tert-butyl ether	<30		140	30	ug/Kg	☼	08/19/13 11:30	08/29/13 16:08	50
Methylene Chloride	<48		350	48	ug/Kg	☼	08/19/13 11:30	08/29/13 16:08	50
n-Butylbenzene	<9.1		71	9.1	ug/Kg	☼	08/19/13 11:30	08/29/13 16:08	50
N-Propylbenzene	<12		140	12	ug/Kg	☼	08/19/13 11:30	08/29/13 16:08	50
p-Isopropyltoluene	<13		140	13	ug/Kg	☼	08/19/13 11:30	08/29/13 16:08	50
sec-Butylbenzene	<11		71	11	ug/Kg	☼	08/19/13 11:30	08/29/13 16:08	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-119 4-6'

Lab Sample ID: 500-61811-6

Date Collected: 08/19/13 11:30

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 83.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	<7.0		71	7.0	ug/Kg	☼	08/19/13 11:30	08/29/13 16:08	50
tert-Butylbenzene	<9.6		71	9.6	ug/Kg	☼	08/19/13 11:30	08/29/13 16:08	50
Tetrachloroethene	<12		71	12	ug/Kg	☼	08/19/13 11:30	08/29/13 16:08	50
Toluene	<8.1		18	8.1	ug/Kg	☼	08/19/13 11:30	08/29/13 16:08	50
trans-1,2-Dichloroethene	<18		71	18	ug/Kg	☼	08/19/13 11:30	08/29/13 16:08	50
trans-1,3-Dichloropropene	<15		71	15	ug/Kg	☼	08/19/13 11:30	08/29/13 16:08	50
Trichloroethene	<13		35	13	ug/Kg	☼	08/19/13 11:30	08/29/13 16:08	50
Trichlorofluoromethane	<29		140	29	ug/Kg	☼	08/19/13 11:30	08/29/13 16:08	50
Vinyl chloride	<7.4		18	7.4	ug/Kg	☼	08/19/13 11:30	08/29/13 16:08	50
Xylenes, Total	48		35	4.8	ug/Kg	☼	08/19/13 11:30	08/29/13 16:08	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		75 - 125	08/19/13 11:30	08/29/13 16:08	50
4-Bromofluorobenzene (Surr)	94		75 - 120	08/19/13 11:30	08/29/13 16:08	50
Dibromofluoromethane	86		75 - 120	08/19/13 11:30	08/29/13 16:08	50
Toluene-d8 (Surr)	93		75 - 120	08/19/13 11:30	08/29/13 16:08	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	1200		1400	350	ug/Kg	☼	08/19/13 11:30	08/30/13 10:57	500

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		75 - 125	08/19/13 11:30	08/30/13 10:57	500
4-Bromofluorobenzene (Surr)	94		75 - 120	08/19/13 11:30	08/30/13 10:57	500
Dibromofluoromethane	86		75 - 120	08/19/13 11:30	08/30/13 10:57	500
Toluene-d8 (Surr)	93		75 - 120	08/19/13 11:30	08/30/13 10:57	500

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	2100		39	19	ug/Kg	☼	08/30/13 20:36	09/04/13 19:40	1
2-Methylnaphthalene	1900		200	51	ug/Kg	☼	08/30/13 20:36	09/04/13 19:40	1
Acenaphthene	1300		39	12	ug/Kg	☼	08/30/13 20:36	09/04/13 19:40	1
Acenaphthylene	180		39	9.0	ug/Kg	☼	08/30/13 20:36	09/04/13 19:40	1
Anthracene	190		39	9.2	ug/Kg	☼	08/30/13 20:36	09/04/13 19:40	1
Benzo[a]anthracene	60		39	8.2	ug/Kg	☼	08/30/13 20:36	09/04/13 19:40	1
Benzo[a]pyrene	66		39	7.1	ug/Kg	☼	08/30/13 20:36	09/04/13 19:40	1
Benzo[b]fluoranthene	79		39	7.6	ug/Kg	☼	08/30/13 20:36	09/04/13 19:40	1
Benzo[g,h,i]perylene	62		39	13	ug/Kg	☼	08/30/13 20:36	09/04/13 19:40	1
Benzo[k]fluoranthene	43		39	9.3	ug/Kg	☼	08/30/13 20:36	09/04/13 19:40	1
Chrysene	67		39	8.8	ug/Kg	☼	08/30/13 20:36	09/04/13 19:40	1
Dibenz(a,h)anthracene	20 J		39	11	ug/Kg	☼	08/30/13 20:36	09/04/13 19:40	1
Fluoranthene	130		39	16	ug/Kg	☼	08/30/13 20:36	09/04/13 19:40	1
Fluorene	1300		39	8.9	ug/Kg	☼	08/30/13 20:36	09/04/13 19:40	1
Indeno[1,2,3-cd]pyrene	46		39	13	ug/Kg	☼	08/30/13 20:36	09/04/13 19:40	1
Phenanthrene	930		39	16	ug/Kg	☼	08/30/13 20:36	09/04/13 19:40	1
Pyrene	89		39	14	ug/Kg	☼	08/30/13 20:36	09/04/13 19:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	54		25 - 119	08/30/13 20:36	09/04/13 19:40	1
Nitrobenzene-d5 (Surr)	56		25 - 115	08/30/13 20:36	09/04/13 19:40	1
Terphenyl-d14 (Surr)	62		36 - 134	08/30/13 20:36	09/04/13 19:40	1

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-119 4-6'

Lab Sample ID: 500-61811-6

Date Collected: 08/19/13 11:30

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 83.8

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	13000		390	75	ug/Kg	☼	08/30/13 20:36	09/05/13 21:00	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<6.8		19	6.8	ug/Kg	☼	08/30/13 18:19	09/04/13 11:57	1
PCB-1221	<8.4		19	8.4	ug/Kg	☼	08/30/13 18:19	09/04/13 11:57	1
PCB-1232	<8.4		19	8.4	ug/Kg	☼	08/30/13 18:19	09/04/13 11:57	1
PCB-1242	<6.3		19	6.3	ug/Kg	☼	08/30/13 18:19	09/04/13 11:57	1
PCB-1248	<7.6		19	7.6	ug/Kg	☼	08/30/13 18:19	09/04/13 11:57	1
PCB-1254	<4.1		19	4.1	ug/Kg	☼	08/30/13 18:19	09/04/13 11:57	1
PCB-1260	<9.4		19	9.4	ug/Kg	☼	08/30/13 18:19	09/04/13 11:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	64		50 - 116	08/30/13 18:19	09/04/13 11:57	1
DCB Decachlorobiphenyl	83		48 - 142	08/30/13 18:19	09/04/13 11:57	1

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-119 8-10'

Lab Sample ID: 500-61811-7

Date Collected: 08/19/13 11:45

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 85.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<22		130	22	ug/Kg	*	08/19/13 11:45	08/29/13 16:32	50
1,1,1-Trichloroethane	<13		65	13	ug/Kg	*	08/19/13 11:45	08/29/13 16:32	50
1,1,1,2,2-Tetrachloroethane	<15		65	15	ug/Kg	*	08/19/13 11:45	08/29/13 16:32	50
1,1,1,2-Trichloroethane	<18		65	18	ug/Kg	*	08/19/13 11:45	08/29/13 16:32	50
1,1-Dichloroethane	<12		65	12	ug/Kg	*	08/19/13 11:45	08/29/13 16:32	50
1,1-Dichloroethene	<20		65	20	ug/Kg	*	08/19/13 11:45	08/29/13 16:32	50
1,1-Dichloropropene	<22		65	22	ug/Kg	*	08/19/13 11:45	08/29/13 16:32	50
1,2,3-Trichlorobenzene	<23		130	23	ug/Kg	*	08/19/13 11:45	08/29/13 16:32	50
1,2,3-Trichloropropane	<37		130	37	ug/Kg	*	08/19/13 11:45	08/29/13 16:32	50
1,2,4-Trichlorobenzene	<24		130	24	ug/Kg	*	08/19/13 11:45	08/29/13 16:32	50
1,2,4-Trimethylbenzene	<14		130	14	ug/Kg	*	08/19/13 11:45	08/29/13 16:32	50
1,2-Dibromo-3-Chloropropane	<56		130	56	ug/Kg	*	08/19/13 11:45	08/29/13 16:32	50
1,2-Dibromoethane	<20		130	20	ug/Kg	*	08/19/13 11:45	08/29/13 16:32	50
1,2-Dichlorobenzene	<13		130	13	ug/Kg	*	08/19/13 11:45	08/29/13 16:32	50
1,2-Dichloroethane	<18		65	18	ug/Kg	*	08/19/13 11:45	08/29/13 16:32	50
1,2-Dichloropropane	<13		65	13	ug/Kg	*	08/19/13 11:45	08/29/13 16:32	50
1,3,5-Trimethylbenzene	<13		130	13	ug/Kg	*	08/19/13 11:45	08/29/13 16:32	50
1,3-Dichlorobenzene	<17		130	17	ug/Kg	*	08/19/13 11:45	08/29/13 16:32	50
1,3-Dichloropropane	<8.7		65	8.7	ug/Kg	*	08/19/13 11:45	08/29/13 16:32	50
1,4-Dichlorobenzene	<11		130	11	ug/Kg	*	08/19/13 11:45	08/29/13 16:32	50
2,2-Dichloropropane	<20		65	20	ug/Kg	*	08/19/13 11:45	08/29/13 16:32	50
2-Chlorotoluene	<13		65	13	ug/Kg	*	08/19/13 11:45	08/29/13 16:32	50
4-Chlorotoluene	<13		65	13	ug/Kg	*	08/19/13 11:45	08/29/13 16:32	50
Benzene	<4.8		16	4.8	ug/Kg	*	08/19/13 11:45	08/29/13 16:32	50
Bromobenzene	<28		130	28	ug/Kg	*	08/19/13 11:45	08/29/13 16:32	50
Bromochloromethane	<24		130	24	ug/Kg	*	08/19/13 11:45	08/29/13 16:32	50
Bromodichloromethane	<22		130	22	ug/Kg	*	08/19/13 11:45	08/29/13 16:32	50
Bromoform	<29		130	29	ug/Kg	*	08/19/13 11:45	08/29/13 16:32	50
Bromomethane	<44		130	44	ug/Kg	*	08/19/13 11:45	08/29/13 16:32	50
Carbon tetrachloride	<17		65	17	ug/Kg	*	08/19/13 11:45	08/29/13 16:32	50
Chlorobenzene	<9.3		65	9.3	ug/Kg	*	08/19/13 11:45	08/29/13 16:32	50
Chloroethane	<28		130	28	ug/Kg	*	08/19/13 11:45	08/29/13 16:32	50
Chloroform	<13		65	13	ug/Kg	*	08/19/13 11:45	08/29/13 16:32	50
Chloromethane	<30		130	30	ug/Kg	*	08/19/13 11:45	08/29/13 16:32	50
cis-1,2-Dichloroethene	<8.0		65	8.0	ug/Kg	*	08/19/13 11:45	08/29/13 16:32	50
cis-1,3-Dichloropropene	<12		65	12	ug/Kg	*	08/19/13 11:45	08/29/13 16:32	50
Dibromochloromethane	<22		130	22	ug/Kg	*	08/19/13 11:45	08/29/13 16:32	50
Dibromomethane	<31		130	31	ug/Kg	*	08/19/13 11:45	08/29/13 16:32	50
Dichlorodifluoromethane	<33		130	33	ug/Kg	*	08/19/13 11:45	08/29/13 16:32	50
Ethylbenzene	<8.2		16	8.2	ug/Kg	*	08/19/13 11:45	08/29/13 16:32	50
Hexachlorobutadiene	<22		130	22	ug/Kg	*	08/19/13 11:45	08/29/13 16:32	50
Isopropyl ether	<9.5		130	9.5	ug/Kg	*	08/19/13 11:45	08/29/13 16:32	50
Isopropylbenzene	<16		130	16	ug/Kg	*	08/19/13 11:45	08/29/13 16:32	50
Methyl tert-butyl ether	<28		130	28	ug/Kg	*	08/19/13 11:45	08/29/13 16:32	50
Methylene Chloride	<44		320	44	ug/Kg	*	08/19/13 11:45	08/29/13 16:32	50
Naphthalene	<32		130	32	ug/Kg	*	08/19/13 11:45	08/29/13 16:32	50
n-Butylbenzene	<8.3		65	8.3	ug/Kg	*	08/19/13 11:45	08/29/13 16:32	50
N-Propylbenzene	<11		130	11	ug/Kg	*	08/19/13 11:45	08/29/13 16:32	50
p-Isopropyltoluene	<12		130	12	ug/Kg	*	08/19/13 11:45	08/29/13 16:32	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-119 8-10'

Lab Sample ID: 500-61811-7

Date Collected: 08/19/13 11:45

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 85.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<10		65	10	ug/Kg	☼	08/19/13 11:45	08/29/13 16:32	50
Styrene	<6.4		65	6.4	ug/Kg	☼	08/19/13 11:45	08/29/13 16:32	50
tert-Butylbenzene	<8.8		65	8.8	ug/Kg	☼	08/19/13 11:45	08/29/13 16:32	50
Tetrachloroethene	<11		65	11	ug/Kg	☼	08/19/13 11:45	08/29/13 16:32	50
Toluene	<7.4		16	7.4	ug/Kg	☼	08/19/13 11:45	08/29/13 16:32	50
trans-1,2-Dichloroethene	<16		65	16	ug/Kg	☼	08/19/13 11:45	08/29/13 16:32	50
trans-1,3-Dichloropropene	<13		65	13	ug/Kg	☼	08/19/13 11:45	08/29/13 16:32	50
Trichloroethene	<12		32	12	ug/Kg	☼	08/19/13 11:45	08/29/13 16:32	50
Trichlorofluoromethane	<27		130	27	ug/Kg	☼	08/19/13 11:45	08/29/13 16:32	50
Vinyl chloride	<6.7		16	6.7	ug/Kg	☼	08/19/13 11:45	08/29/13 16:32	50
Xylenes, Total	<4.4		32	4.4	ug/Kg	☼	08/19/13 11:45	08/29/13 16:32	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		75 - 125				08/19/13 11:45	08/29/13 16:32	50
4-Bromofluorobenzene (Surr)	95		75 - 120				08/19/13 11:45	08/29/13 16:32	50
Dibromofluoromethane	85		75 - 120				08/19/13 11:45	08/29/13 16:32	50
Toluene-d8 (Surr)	92		75 - 120				08/19/13 11:45	08/29/13 16:32	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<19		37	19	ug/Kg	☼	08/30/13 20:36	09/04/13 19:59	1
2-Methylnaphthalene	<49		190	49	ug/Kg	☼	08/30/13 20:36	09/04/13 19:59	1
Acenaphthene	<11		37	11	ug/Kg	☼	08/30/13 20:36	09/04/13 19:59	1
Acenaphthylene	<8.7		37	8.7	ug/Kg	☼	08/30/13 20:36	09/04/13 19:59	1
Anthracene	21	J	37	8.9	ug/Kg	☼	08/30/13 20:36	09/04/13 19:59	1
Benzo[a]anthracene	17	J	37	7.9	ug/Kg	☼	08/30/13 20:36	09/04/13 19:59	1
Benzo[a]pyrene	15	J	37	6.9	ug/Kg	☼	08/30/13 20:36	09/04/13 19:59	1
Benzo[b]fluoranthene	18	J	37	7.3	ug/Kg	☼	08/30/13 20:36	09/04/13 19:59	1
Benzo[g,h,i]perylene	16	J	37	13	ug/Kg	☼	08/30/13 20:36	09/04/13 19:59	1
Benzo[k]fluoranthene	9.1	J	37	9.0	ug/Kg	☼	08/30/13 20:36	09/04/13 19:59	1
Chrysene	21	J	37	8.5	ug/Kg	☼	08/30/13 20:36	09/04/13 19:59	1
Dibenz(a,h)anthracene	<11		37	11	ug/Kg	☼	08/30/13 20:36	09/04/13 19:59	1
Fluoranthene	33	J	37	15	ug/Kg	☼	08/30/13 20:36	09/04/13 19:59	1
Fluorene	<8.6		37	8.6	ug/Kg	☼	08/30/13 20:36	09/04/13 19:59	1
Indeno[1,2,3-cd]pyrene	<13		37	13	ug/Kg	☼	08/30/13 20:36	09/04/13 19:59	1
Naphthalene	<7.3		37	7.3	ug/Kg	☼	08/30/13 20:36	09/04/13 19:59	1
Phenanthrene	20	J	37	16	ug/Kg	☼	08/30/13 20:36	09/04/13 19:59	1
Pyrene	23	J	37	14	ug/Kg	☼	08/30/13 20:36	09/04/13 19:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	37		25 - 119				08/30/13 20:36	09/04/13 19:59	1
Nitrobenzene-d5 (Surr)	35		25 - 115				08/30/13 20:36	09/04/13 19:59	1
Terphenyl-d14 (Surr)	47		36 - 134				08/30/13 20:36	09/04/13 19:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<6.8		19	6.8	ug/Kg	☼	08/30/13 18:19	09/04/13 12:11	1
PCB-1221	<8.4		19	8.4	ug/Kg	☼	08/30/13 18:19	09/04/13 12:11	1
PCB-1232	<8.4		19	8.4	ug/Kg	☼	08/30/13 18:19	09/04/13 12:11	1
PCB-1242	<6.3		19	6.3	ug/Kg	☼	08/30/13 18:19	09/04/13 12:11	1

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-119 8-10'

Lab Sample ID: 500-61811-7

Date Collected: 08/19/13 11:45

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 85.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	<7.5		19	7.5	ug/Kg	☼	08/30/13 18:19	09/04/13 12:11	1
PCB-1254	<4.1		19	4.1	ug/Kg	☼	08/30/13 18:19	09/04/13 12:11	1
PCB-1260	<9.4		19	9.4	ug/Kg	☼	08/30/13 18:19	09/04/13 12:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	59		50 - 116	08/30/13 18:19	09/04/13 12:11	1
DCB Decachlorobiphenyl	63		48 - 142	08/30/13 18:19	09/04/13 12:11	1



Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-119 13-15'

Lab Sample ID: 500-61811-8

Date Collected: 08/19/13 12:00

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 86.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<23		130	23	ug/Kg	*	08/19/13 12:00	08/29/13 16:57	50
1,1,1-Trichloroethane	<14		67	14	ug/Kg	*	08/19/13 12:00	08/29/13 16:57	50
1,1,2,2-Tetrachloroethane	<16		67	16	ug/Kg	*	08/19/13 12:00	08/29/13 16:57	50
1,1,2-Trichloroethane	<19		67	19	ug/Kg	*	08/19/13 12:00	08/29/13 16:57	50
1,1-Dichloroethane	<12		67	12	ug/Kg	*	08/19/13 12:00	08/29/13 16:57	50
1,1-Dichloroethene	<21		67	21	ug/Kg	*	08/19/13 12:00	08/29/13 16:57	50
1,1-Dichloropropene	<23		67	23	ug/Kg	*	08/19/13 12:00	08/29/13 16:57	50
1,2,3-Trichlorobenzene	<24		130	24	ug/Kg	*	08/19/13 12:00	08/29/13 16:57	50
1,2,3-Trichloropropane	<39		130	39	ug/Kg	*	08/19/13 12:00	08/29/13 16:57	50
1,2,4-Trichlorobenzene	<25		130	25	ug/Kg	*	08/19/13 12:00	08/29/13 16:57	50
1,2,4-Trimethylbenzene	<14		130	14	ug/Kg	*	08/19/13 12:00	08/29/13 16:57	50
1,2-Dibromo-3-Chloropropane	<59		130	59	ug/Kg	*	08/19/13 12:00	08/29/13 16:57	50
1,2-Dibromoethane	<21		130	21	ug/Kg	*	08/19/13 12:00	08/29/13 16:57	50
1,2-Dichlorobenzene	<14		130	14	ug/Kg	*	08/19/13 12:00	08/29/13 16:57	50
1,2-Dichloroethane	<19		67	19	ug/Kg	*	08/19/13 12:00	08/29/13 16:57	50
1,2-Dichloropropane	<13		67	13	ug/Kg	*	08/19/13 12:00	08/29/13 16:57	50
1,3,5-Trimethylbenzene	<14		130	14	ug/Kg	*	08/19/13 12:00	08/29/13 16:57	50
1,3-Dichlorobenzene	<17		130	17	ug/Kg	*	08/19/13 12:00	08/29/13 16:57	50
1,3-Dichloropropane	<9.0		67	9.0	ug/Kg	*	08/19/13 12:00	08/29/13 16:57	50
1,4-Dichlorobenzene	<12		130	12	ug/Kg	*	08/19/13 12:00	08/29/13 16:57	50
2,2-Dichloropropane	<21		67	21	ug/Kg	*	08/19/13 12:00	08/29/13 16:57	50
2-Chlorotoluene	<14		67	14	ug/Kg	*	08/19/13 12:00	08/29/13 16:57	50
4-Chlorotoluene	<13		67	13	ug/Kg	*	08/19/13 12:00	08/29/13 16:57	50
Benzene	<5.0		17	5.0	ug/Kg	*	08/19/13 12:00	08/29/13 16:57	50
Bromobenzene	<29		130	29	ug/Kg	*	08/19/13 12:00	08/29/13 16:57	50
Bromochloromethane	<25		130	25	ug/Kg	*	08/19/13 12:00	08/29/13 16:57	50
Bromodichloromethane	<23		130	23	ug/Kg	*	08/19/13 12:00	08/29/13 16:57	50
Bromoform	<30		130	30	ug/Kg	*	08/19/13 12:00	08/29/13 16:57	50
Bromomethane	<46		130	46	ug/Kg	*	08/19/13 12:00	08/29/13 16:57	50
Carbon tetrachloride	<17		67	17	ug/Kg	*	08/19/13 12:00	08/29/13 16:57	50
Chlorobenzene	<9.6		67	9.6	ug/Kg	*	08/19/13 12:00	08/29/13 16:57	50
Chloroethane	<29		130	29	ug/Kg	*	08/19/13 12:00	08/29/13 16:57	50
Chloroform	<14		67	14	ug/Kg	*	08/19/13 12:00	08/29/13 16:57	50
Chloromethane	<31		130	31	ug/Kg	*	08/19/13 12:00	08/29/13 16:57	50
cis-1,2-Dichloroethene	<8.3		67	8.3	ug/Kg	*	08/19/13 12:00	08/29/13 16:57	50
cis-1,3-Dichloropropene	<12		67	12	ug/Kg	*	08/19/13 12:00	08/29/13 16:57	50
Dibromochloromethane	<23		130	23	ug/Kg	*	08/19/13 12:00	08/29/13 16:57	50
Dibromomethane	<32		130	32	ug/Kg	*	08/19/13 12:00	08/29/13 16:57	50
Dichlorodifluoromethane	<35		130	35	ug/Kg	*	08/19/13 12:00	08/29/13 16:57	50
Ethylbenzene	<8.5		17	8.5	ug/Kg	*	08/19/13 12:00	08/29/13 16:57	50
Hexachlorobutadiene	<23		130	23	ug/Kg	*	08/19/13 12:00	08/29/13 16:57	50
Isopropyl ether	<9.9		130	9.9	ug/Kg	*	08/19/13 12:00	08/29/13 16:57	50
Isopropylbenzene	<17		130	17	ug/Kg	*	08/19/13 12:00	08/29/13 16:57	50
Methyl tert-butyl ether	<29		130	29	ug/Kg	*	08/19/13 12:00	08/29/13 16:57	50
Methylene Chloride	<46		340	46	ug/Kg	*	08/19/13 12:00	08/29/13 16:57	50
Naphthalene	<33		130	33	ug/Kg	*	08/19/13 12:00	08/29/13 16:57	50
n-Butylbenzene	<8.7		67	8.7	ug/Kg	*	08/19/13 12:00	08/29/13 16:57	50
N-Propylbenzene	<12		130	12	ug/Kg	*	08/19/13 12:00	08/29/13 16:57	50
p-Isopropyltoluene	<12		130	12	ug/Kg	*	08/19/13 12:00	08/29/13 16:57	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-119 13-15'

Lab Sample ID: 500-61811-8

Date Collected: 08/19/13 12:00

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 86.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<10		67	10	ug/Kg	☼	08/19/13 12:00	08/29/13 16:57	50
Styrene	<6.7		67	6.7	ug/Kg	☼	08/19/13 12:00	08/29/13 16:57	50
tert-Butylbenzene	<9.2		67	9.2	ug/Kg	☼	08/19/13 12:00	08/29/13 16:57	50
Tetrachloroethene	<11		67	11	ug/Kg	☼	08/19/13 12:00	08/29/13 16:57	50
Toluene	<7.8		17	7.8	ug/Kg	☼	08/19/13 12:00	08/29/13 16:57	50
trans-1,2-Dichloroethene	<17		67	17	ug/Kg	☼	08/19/13 12:00	08/29/13 16:57	50
trans-1,3-Dichloropropene	<14		67	14	ug/Kg	☼	08/19/13 12:00	08/29/13 16:57	50
Trichloroethene	<13		34	13	ug/Kg	☼	08/19/13 12:00	08/29/13 16:57	50
Trichlorofluoromethane	<28		130	28	ug/Kg	☼	08/19/13 12:00	08/29/13 16:57	50
Vinyl chloride	<7.0		17	7.0	ug/Kg	☼	08/19/13 12:00	08/29/13 16:57	50
Xylenes, Total	<4.6		34	4.6	ug/Kg	☼	08/19/13 12:00	08/29/13 16:57	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		75 - 125				08/19/13 12:00	08/29/13 16:57	50
4-Bromofluorobenzene (Surr)	95		75 - 120				08/19/13 12:00	08/29/13 16:57	50
Dibromofluoromethane	86		75 - 120				08/19/13 12:00	08/29/13 16:57	50
Toluene-d8 (Surr)	92		75 - 120				08/19/13 12:00	08/29/13 16:57	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<18		37	18	ug/Kg	☼	08/30/13 20:36	09/04/13 20:19	1
2-Methylnaphthalene	<48		190	48	ug/Kg	☼	08/30/13 20:36	09/04/13 20:19	1
Acenaphthene	<11		37	11	ug/Kg	☼	08/30/13 20:36	09/04/13 20:19	1
Acenaphthylene	<8.5		37	8.5	ug/Kg	☼	08/30/13 20:36	09/04/13 20:19	1
Anthracene	<8.7		37	8.7	ug/Kg	☼	08/30/13 20:36	09/04/13 20:19	1
Benzo[a]anthracene	10	J	37	7.8	ug/Kg	☼	08/30/13 20:36	09/04/13 20:19	1
Benzo[a]pyrene	<6.7		37	6.7	ug/Kg	☼	08/30/13 20:36	09/04/13 20:19	1
Benzo[b]fluoranthene	9.0	J	37	7.2	ug/Kg	☼	08/30/13 20:36	09/04/13 20:19	1
Benzo[g,h,i]perylene	<12		37	12	ug/Kg	☼	08/30/13 20:36	09/04/13 20:19	1
Benzo[k]fluoranthene	<8.8		37	8.8	ug/Kg	☼	08/30/13 20:36	09/04/13 20:19	1
Chrysene	<8.4		37	8.4	ug/Kg	☼	08/30/13 20:36	09/04/13 20:19	1
Dibenz(a,h)anthracene	<10		37	10	ug/Kg	☼	08/30/13 20:36	09/04/13 20:19	1
Fluoranthene	<15		37	15	ug/Kg	☼	08/30/13 20:36	09/04/13 20:19	1
Fluorene	<8.4		37	8.4	ug/Kg	☼	08/30/13 20:36	09/04/13 20:19	1
Indeno[1,2,3-cd]pyrene	<12		37	12	ug/Kg	☼	08/30/13 20:36	09/04/13 20:19	1
Naphthalene	11	J	37	7.1	ug/Kg	☼	08/30/13 20:36	09/04/13 20:19	1
Phenanthrene	<16		37	16	ug/Kg	☼	08/30/13 20:36	09/04/13 20:19	1
Pyrene	<13		37	13	ug/Kg	☼	08/30/13 20:36	09/04/13 20:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	35		25 - 119				08/30/13 20:36	09/04/13 20:19	1
Nitrobenzene-d5 (Surr)	35		25 - 115				08/30/13 20:36	09/04/13 20:19	1
Terphenyl-d14 (Surr)	45		36 - 134				08/30/13 20:36	09/04/13 20:19	1

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-120 0-2'

Lab Sample ID: 500-61811-9

Date Collected: 08/19/13 12:15

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 89.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<22		120	22	ug/Kg	*	08/19/13 12:15	08/29/13 17:22	50
1,1,1-Trichloroethane	<13		62	13	ug/Kg	*	08/19/13 12:15	08/29/13 17:22	50
1,1,2,2-Tetrachloroethane	<15		62	15	ug/Kg	*	08/19/13 12:15	08/29/13 17:22	50
1,1,2-Trichloroethane	<17		62	17	ug/Kg	*	08/19/13 12:15	08/29/13 17:22	50
1,1-Dichloroethane	<12		62	12	ug/Kg	*	08/19/13 12:15	08/29/13 17:22	50
1,1-Dichloroethene	<19		62	19	ug/Kg	*	08/19/13 12:15	08/29/13 17:22	50
1,1-Dichloropropene	<21		62	21	ug/Kg	*	08/19/13 12:15	08/29/13 17:22	50
1,2,3-Trichlorobenzene	<22		120	22	ug/Kg	*	08/19/13 12:15	08/29/13 17:22	50
1,2,3-Trichloropropane	<36		120	36	ug/Kg	*	08/19/13 12:15	08/29/13 17:22	50
1,2,4-Trichlorobenzene	<24		120	24	ug/Kg	*	08/19/13 12:15	08/29/13 17:22	50
1,2,4-Trimethylbenzene	<13		120	13	ug/Kg	*	08/19/13 12:15	08/29/13 17:22	50
1,2-Dibromo-3-Chloropropane	<54		120	54	ug/Kg	*	08/19/13 12:15	08/29/13 17:22	50
1,2-Dibromoethane	<20		120	20	ug/Kg	*	08/19/13 12:15	08/29/13 17:22	50
1,2-Dichlorobenzene	<13		120	13	ug/Kg	*	08/19/13 12:15	08/29/13 17:22	50
1,2-Dichloroethane	<18		62	18	ug/Kg	*	08/19/13 12:15	08/29/13 17:22	50
1,2-Dichloropropane	<12		62	12	ug/Kg	*	08/19/13 12:15	08/29/13 17:22	50
1,3,5-Trimethylbenzene	<13		120	13	ug/Kg	*	08/19/13 12:15	08/29/13 17:22	50
1,3-Dichlorobenzene	<16		120	16	ug/Kg	*	08/19/13 12:15	08/29/13 17:22	50
1,3-Dichloropropane	<8.3		62	8.3	ug/Kg	*	08/19/13 12:15	08/29/13 17:22	50
1,4-Dichlorobenzene	<11		120	11	ug/Kg	*	08/19/13 12:15	08/29/13 17:22	50
2,2-Dichloropropane	<20		62	20	ug/Kg	*	08/19/13 12:15	08/29/13 17:22	50
2-Chlorotoluene	<13		62	13	ug/Kg	*	08/19/13 12:15	08/29/13 17:22	50
4-Chlorotoluene	<12		62	12	ug/Kg	*	08/19/13 12:15	08/29/13 17:22	50
Benzene	79		16	4.6	ug/Kg	*	08/19/13 12:15	08/29/13 17:22	50
Bromobenzene	<26		120	26	ug/Kg	*	08/19/13 12:15	08/29/13 17:22	50
Bromochloromethane	<24		120	24	ug/Kg	*	08/19/13 12:15	08/29/13 17:22	50
Bromodichloromethane	<21		120	21	ug/Kg	*	08/19/13 12:15	08/29/13 17:22	50
Bromoform	<27		120	27	ug/Kg	*	08/19/13 12:15	08/29/13 17:22	50
Bromomethane	<42		120	42	ug/Kg	*	08/19/13 12:15	08/29/13 17:22	50
Carbon tetrachloride	<16		62	16	ug/Kg	*	08/19/13 12:15	08/29/13 17:22	50
Chlorobenzene	<8.9		62	8.9	ug/Kg	*	08/19/13 12:15	08/29/13 17:22	50
Chloroethane	<27		120	27	ug/Kg	*	08/19/13 12:15	08/29/13 17:22	50
Chloroform	<13		62	13	ug/Kg	*	08/19/13 12:15	08/29/13 17:22	50
Chloromethane	<29		120	29	ug/Kg	*	08/19/13 12:15	08/29/13 17:22	50
cis-1,2-Dichloroethene	<7.7		62	7.7	ug/Kg	*	08/19/13 12:15	08/29/13 17:22	50
cis-1,3-Dichloropropene	<11		62	11	ug/Kg	*	08/19/13 12:15	08/29/13 17:22	50
Dibromochloromethane	<22		120	22	ug/Kg	*	08/19/13 12:15	08/29/13 17:22	50
Dibromomethane	<30		120	30	ug/Kg	*	08/19/13 12:15	08/29/13 17:22	50
Dichlorodifluoromethane	<32		120	32	ug/Kg	*	08/19/13 12:15	08/29/13 17:22	50
Ethylbenzene	<7.8		16	7.8	ug/Kg	*	08/19/13 12:15	08/29/13 17:22	50
Hexachlorobutadiene	<22		120	22	ug/Kg	*	08/19/13 12:15	08/29/13 17:22	50
Isopropyl ether	<9.1		120	9.1	ug/Kg	*	08/19/13 12:15	08/29/13 17:22	50
Isopropylbenzene	<16		120	16	ug/Kg	*	08/19/13 12:15	08/29/13 17:22	50
Methyl tert-butyl ether	<27		120	27	ug/Kg	*	08/19/13 12:15	08/29/13 17:22	50
Methylene Chloride	<42		310	42	ug/Kg	*	08/19/13 12:15	08/29/13 17:22	50
Naphthalene	530		120	31	ug/Kg	*	08/19/13 12:15	08/29/13 17:22	50
n-Butylbenzene	<8.0		62	8.0	ug/Kg	*	08/19/13 12:15	08/29/13 17:22	50
N-Propylbenzene	<11		120	11	ug/Kg	*	08/19/13 12:15	08/29/13 17:22	50
p-Isopropyltoluene	<12		120	12	ug/Kg	*	08/19/13 12:15	08/29/13 17:22	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-120 0-2'

Lab Sample ID: 500-61811-9

Date Collected: 08/19/13 12:15

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 89.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<9.6		62	9.6	ug/Kg	☼	08/19/13 12:15	08/29/13 17:22	50
Styrene	<6.1		62	6.1	ug/Kg	☼	08/19/13 12:15	08/29/13 17:22	50
tert-Butylbenzene	<8.5		62	8.5	ug/Kg	☼	08/19/13 12:15	08/29/13 17:22	50
Tetrachloroethene	<10		62	10	ug/Kg	☼	08/19/13 12:15	08/29/13 17:22	50
Toluene	75		16	7.2	ug/Kg	☼	08/19/13 12:15	08/29/13 17:22	50
trans-1,2-Dichloroethene	<16		62	16	ug/Kg	☼	08/19/13 12:15	08/29/13 17:22	50
trans-1,3-Dichloropropene	<13		62	13	ug/Kg	☼	08/19/13 12:15	08/29/13 17:22	50
Trichloroethene	<12		31	12	ug/Kg	☼	08/19/13 12:15	08/29/13 17:22	50
Trichlorofluoromethane	<26		120	26	ug/Kg	☼	08/19/13 12:15	08/29/13 17:22	50
Vinyl chloride	<6.5		16	6.5	ug/Kg	☼	08/19/13 12:15	08/29/13 17:22	50
Xylenes, Total	40		31	4.3	ug/Kg	☼	08/19/13 12:15	08/29/13 17:22	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		75 - 125				08/19/13 12:15	08/29/13 17:22	50
4-Bromofluorobenzene (Surr)	95		75 - 120				08/19/13 12:15	08/29/13 17:22	50
Dibromofluoromethane	85		75 - 120				08/19/13 12:15	08/29/13 17:22	50
Toluene-d8 (Surr)	93		75 - 120				08/19/13 12:15	08/29/13 17:22	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	51		37	18	ug/Kg	☼	08/30/13 20:36	09/04/13 20:38	1
2-Methylnaphthalene	69	J	190	48	ug/Kg	☼	08/30/13 20:36	09/04/13 20:38	1
Acenaphthene	92		37	11	ug/Kg	☼	08/30/13 20:36	09/04/13 20:38	1
Acenaphthylene	170		37	8.5	ug/Kg	☼	08/30/13 20:36	09/04/13 20:38	1
Anthracene	310		37	8.7	ug/Kg	☼	08/30/13 20:36	09/04/13 20:38	1
Benzo[a]anthracene	1200		37	7.7	ug/Kg	☼	08/30/13 20:36	09/04/13 20:38	1
Benzo[a]pyrene	1500		37	6.7	ug/Kg	☼	08/30/13 20:36	09/04/13 20:38	1
Benzo[b]fluoranthene	2300		37	7.2	ug/Kg	☼	08/30/13 20:36	09/04/13 20:38	1
Benzo[g,h,i]perylene	1500		37	12	ug/Kg	☼	08/30/13 20:36	09/04/13 20:38	1
Benzo[k]fluoranthene	600		37	8.8	ug/Kg	☼	08/30/13 20:36	09/04/13 20:38	1
Chrysene	1800		37	8.3	ug/Kg	☼	08/30/13 20:36	09/04/13 20:38	1
Dibenz(a,h)anthracene	700		37	10	ug/Kg	☼	08/30/13 20:36	09/04/13 20:38	1
Fluoranthene	1600		37	15	ug/Kg	☼	08/30/13 20:36	09/04/13 20:38	1
Fluorene	97		37	8.4	ug/Kg	☼	08/30/13 20:36	09/04/13 20:38	1
Indeno[1,2,3-cd]pyrene	1100		37	12	ug/Kg	☼	08/30/13 20:36	09/04/13 20:38	1
Naphthalene	220		37	7.1	ug/Kg	☼	08/30/13 20:36	09/04/13 20:38	1
Phenanthrene	710		37	15	ug/Kg	☼	08/30/13 20:36	09/04/13 20:38	1
Pyrene	1500		37	13	ug/Kg	☼	08/30/13 20:36	09/04/13 20:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	41		25 - 119				08/30/13 20:36	09/04/13 20:38	1
Nitrobenzene-d5 (Surr)	36		25 - 115				08/30/13 20:36	09/04/13 20:38	1
Terphenyl-d14 (Surr)	49		36 - 134				08/30/13 20:36	09/04/13 20:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<6.5		18	6.5	ug/Kg	☼	08/30/13 18:19	09/04/13 12:38	1
PCB-1221	<8.1		18	8.1	ug/Kg	☼	08/30/13 18:19	09/04/13 12:38	1
PCB-1232	<8.0		18	8.0	ug/Kg	☼	08/30/13 18:19	09/04/13 12:38	1
PCB-1242	<6.0		18	6.0	ug/Kg	☼	08/30/13 18:19	09/04/13 12:38	1

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-120 0-2'

Lab Sample ID: 500-61811-9

Date Collected: 08/19/13 12:15

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 89.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	<7.2		18	7.2	ug/Kg	☼	08/30/13 18:19	09/04/13 12:38	1
PCB-1254	<4.0		18	4.0	ug/Kg	☼	08/30/13 18:19	09/04/13 12:38	1
PCB-1260	<9.0		18	9.0	ug/Kg	☼	08/30/13 18:19	09/04/13 12:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	58		50 - 116	08/30/13 18:19	09/04/13 12:38	1
DCB Decachlorobiphenyl	81		48 - 142	08/30/13 18:19	09/04/13 12:38	1



Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-120 4-6'

Lab Sample ID: 500-61811-10

Date Collected: 08/19/13 12:15

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 85.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<24		140	24	ug/Kg	*	08/19/13 12:15	08/29/13 17:46	50
1,1,1-Trichloroethane	<14		68	14	ug/Kg	*	08/19/13 12:15	08/29/13 17:46	50
1,1,2,2-Tetrachloroethane	<16		68	16	ug/Kg	*	08/19/13 12:15	08/29/13 17:46	50
1,1,2-Trichloroethane	<19		68	19	ug/Kg	*	08/19/13 12:15	08/29/13 17:46	50
1,1-Dichloroethane	<13		68	13	ug/Kg	*	08/19/13 12:15	08/29/13 17:46	50
1,1-Dichloroethene	<21		68	21	ug/Kg	*	08/19/13 12:15	08/29/13 17:46	50
1,1-Dichloropropene	<24		68	24	ug/Kg	*	08/19/13 12:15	08/29/13 17:46	50
1,2,3-Trichlorobenzene	<24		140	24	ug/Kg	*	08/19/13 12:15	08/29/13 17:46	50
1,2,3-Trichloropropane	<39		140	39	ug/Kg	*	08/19/13 12:15	08/29/13 17:46	50
1,2,4-Trichlorobenzene	<26		140	26	ug/Kg	*	08/19/13 12:15	08/29/13 17:46	50
1,2,4-Trimethylbenzene	<14		140	14	ug/Kg	*	08/19/13 12:15	08/29/13 17:46	50
1,2-Dibromo-3-Chloropropane	<60		140	60	ug/Kg	*	08/19/13 12:15	08/29/13 17:46	50
1,2-Dibromoethane	<22		140	22	ug/Kg	*	08/19/13 12:15	08/29/13 17:46	50
1,2-Dichlorobenzene	<14		140	14	ug/Kg	*	08/19/13 12:15	08/29/13 17:46	50
1,2-Dichloroethane	<20		68	20	ug/Kg	*	08/19/13 12:15	08/29/13 17:46	50
1,2-Dichloropropane	<13		68	13	ug/Kg	*	08/19/13 12:15	08/29/13 17:46	50
1,3,5-Trimethylbenzene	<14		140	14	ug/Kg	*	08/19/13 12:15	08/29/13 17:46	50
1,3-Dichlorobenzene	<18		140	18	ug/Kg	*	08/19/13 12:15	08/29/13 17:46	50
1,3-Dichloropropane	<9.2		68	9.2	ug/Kg	*	08/19/13 12:15	08/29/13 17:46	50
1,4-Dichlorobenzene	<12		140	12	ug/Kg	*	08/19/13 12:15	08/29/13 17:46	50
2,2-Dichloropropane	<22		68	22	ug/Kg	*	08/19/13 12:15	08/29/13 17:46	50
2-Chlorotoluene	<14		68	14	ug/Kg	*	08/19/13 12:15	08/29/13 17:46	50
4-Chlorotoluene	<13		68	13	ug/Kg	*	08/19/13 12:15	08/29/13 17:46	50
Benzene	<5.1		17	5.1	ug/Kg	*	08/19/13 12:15	08/29/13 17:46	50
Bromobenzene	<29		140	29	ug/Kg	*	08/19/13 12:15	08/29/13 17:46	50
Bromochloromethane	<26		140	26	ug/Kg	*	08/19/13 12:15	08/29/13 17:46	50
Bromodichloromethane	<23		140	23	ug/Kg	*	08/19/13 12:15	08/29/13 17:46	50
Bromoform	<30		140	30	ug/Kg	*	08/19/13 12:15	08/29/13 17:46	50
Bromomethane	<47		140	47	ug/Kg	*	08/19/13 12:15	08/29/13 17:46	50
Carbon tetrachloride	<18		68	18	ug/Kg	*	08/19/13 12:15	08/29/13 17:46	50
Chlorobenzene	<9.8		68	9.8	ug/Kg	*	08/19/13 12:15	08/29/13 17:46	50
Chloroethane	<30		140	30	ug/Kg	*	08/19/13 12:15	08/29/13 17:46	50
Chloroform	<14		68	14	ug/Kg	*	08/19/13 12:15	08/29/13 17:46	50
Chloromethane	<32		140	32	ug/Kg	*	08/19/13 12:15	08/29/13 17:46	50
cis-1,2-Dichloroethene	<8.4		68	8.4	ug/Kg	*	08/19/13 12:15	08/29/13 17:46	50
cis-1,3-Dichloropropene	<12		68	12	ug/Kg	*	08/19/13 12:15	08/29/13 17:46	50
Dibromochloromethane	<24		140	24	ug/Kg	*	08/19/13 12:15	08/29/13 17:46	50
Dibromomethane	<33		140	33	ug/Kg	*	08/19/13 12:15	08/29/13 17:46	50
Dichlorodifluoromethane	<35		140	35	ug/Kg	*	08/19/13 12:15	08/29/13 17:46	50
Ethylbenzene	<8.6		17	8.6	ug/Kg	*	08/19/13 12:15	08/29/13 17:46	50
Hexachlorobutadiene	<24		140	24	ug/Kg	*	08/19/13 12:15	08/29/13 17:46	50
Isopropyl ether	<10		140	10	ug/Kg	*	08/19/13 12:15	08/29/13 17:46	50
Isopropylbenzene	<17		140	17	ug/Kg	*	08/19/13 12:15	08/29/13 17:46	50
Methyl tert-butyl ether	<29		140	29	ug/Kg	*	08/19/13 12:15	08/29/13 17:46	50
Methylene Chloride	<47		340	47	ug/Kg	*	08/19/13 12:15	08/29/13 17:46	50
Naphthalene	<34		140	34	ug/Kg	*	08/19/13 12:15	08/29/13 17:46	50
n-Butylbenzene	<8.8		68	8.8	ug/Kg	*	08/19/13 12:15	08/29/13 17:46	50
N-Propylbenzene	<12		140	12	ug/Kg	*	08/19/13 12:15	08/29/13 17:46	50
p-Isopropyltoluene	<13		140	13	ug/Kg	*	08/19/13 12:15	08/29/13 17:46	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-120 4-6'

Lab Sample ID: 500-61811-10

Date Collected: 08/19/13 12:15

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 85.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<11		68	11	ug/Kg	☼	08/19/13 12:15	08/29/13 17:46	50
Styrene	<6.8		68	6.8	ug/Kg	☼	08/19/13 12:15	08/29/13 17:46	50
tert-Butylbenzene	<9.3		68	9.3	ug/Kg	☼	08/19/13 12:15	08/29/13 17:46	50
Tetrachloroethene	<11		68	11	ug/Kg	☼	08/19/13 12:15	08/29/13 17:46	50
Toluene	<7.9		17	7.9	ug/Kg	☼	08/19/13 12:15	08/29/13 17:46	50
trans-1,2-Dichloroethene	<17		68	17	ug/Kg	☼	08/19/13 12:15	08/29/13 17:46	50
trans-1,3-Dichloropropene	<14		68	14	ug/Kg	☼	08/19/13 12:15	08/29/13 17:46	50
Trichloroethene	<13		34	13	ug/Kg	☼	08/19/13 12:15	08/29/13 17:46	50
Trichlorofluoromethane	<28		140	28	ug/Kg	☼	08/19/13 12:15	08/29/13 17:46	50
Vinyl chloride	<7.1		17	7.1	ug/Kg	☼	08/19/13 12:15	08/29/13 17:46	50
Xylenes, Total	<4.7		34	4.7	ug/Kg	☼	08/19/13 12:15	08/29/13 17:46	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		75 - 125				08/19/13 12:15	08/29/13 17:46	50
4-Bromofluorobenzene (Surr)	94		75 - 120				08/19/13 12:15	08/29/13 17:46	50
Dibromofluoromethane	85		75 - 120				08/19/13 12:15	08/29/13 17:46	50
Toluene-d8 (Surr)	93		75 - 120				08/19/13 12:15	08/29/13 17:46	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<19		37	19	ug/Kg	☼	08/30/13 20:36	09/04/13 20:57	1
2-Methylnaphthalene	<49		190	49	ug/Kg	☼	08/30/13 20:36	09/04/13 20:57	1
Acenaphthene	<11		37	11	ug/Kg	☼	08/30/13 20:36	09/04/13 20:57	1
Acenaphthylene	22	J	37	8.6	ug/Kg	☼	08/30/13 20:36	09/04/13 20:57	1
Anthracene	21	J	37	8.8	ug/Kg	☼	08/30/13 20:36	09/04/13 20:57	1
Benzo[a]anthracene	150		37	7.8	ug/Kg	☼	08/30/13 20:36	09/04/13 20:57	1
Benzo[a]pyrene	200		37	6.8	ug/Kg	☼	08/30/13 20:36	09/04/13 20:57	1
Benzo[b]fluoranthene	300		37	7.3	ug/Kg	☼	08/30/13 20:36	09/04/13 20:57	1
Benzo[g,h,i]perylene	190		37	13	ug/Kg	☼	08/30/13 20:36	09/04/13 20:57	1
Benzo[k]fluoranthene	100		37	8.9	ug/Kg	☼	08/30/13 20:36	09/04/13 20:57	1
Chrysene	190		37	8.5	ug/Kg	☼	08/30/13 20:36	09/04/13 20:57	1
Dibenz(a,h)anthracene	67		37	10	ug/Kg	☼	08/30/13 20:36	09/04/13 20:57	1
Fluoranthene	220		37	15	ug/Kg	☼	08/30/13 20:36	09/04/13 20:57	1
Fluorene	<8.5		37	8.5	ug/Kg	☼	08/30/13 20:36	09/04/13 20:57	1
Indeno[1,2,3-cd]pyrene	140		37	13	ug/Kg	☼	08/30/13 20:36	09/04/13 20:57	1
Naphthalene	18	J	37	7.2	ug/Kg	☼	08/30/13 20:36	09/04/13 20:57	1
Phenanthrene	64		37	16	ug/Kg	☼	08/30/13 20:36	09/04/13 20:57	1
Pyrene	200		37	14	ug/Kg	☼	08/30/13 20:36	09/04/13 20:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	42		25 - 119				08/30/13 20:36	09/04/13 20:57	1
Nitrobenzene-d5 (Surr)	34		25 - 115				08/30/13 20:36	09/04/13 20:57	1
Terphenyl-d14 (Surr)	55		36 - 134				08/30/13 20:36	09/04/13 20:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<6.8		19	6.8	ug/Kg	☼	08/30/13 18:19	09/04/13 12:52	1
PCB-1221	<8.4		19	8.4	ug/Kg	☼	08/30/13 18:19	09/04/13 12:52	1
PCB-1232	<8.4		19	8.4	ug/Kg	☼	08/30/13 18:19	09/04/13 12:52	1
PCB-1242	<6.3		19	6.3	ug/Kg	☼	08/30/13 18:19	09/04/13 12:52	1

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-120 4-6'

Lab Sample ID: 500-61811-10

Date Collected: 08/19/13 12:15

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 85.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	<7.6		19	7.6	ug/Kg	☼	08/30/13 18:19	09/04/13 12:52	1
PCB-1254	35		19	4.1	ug/Kg	☼	08/30/13 18:19	09/04/13 12:52	1
PCB-1260	<9.4		19	9.4	ug/Kg	☼	08/30/13 18:19	09/04/13 12:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro- <i>m</i> -xylene	73		50 - 116	08/30/13 18:19	09/04/13 12:52	1
DCB Decachlorobiphenyl	76		48 - 142	08/30/13 18:19	09/04/13 12:52	1

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-120 8-10'

Lab Sample ID: 500-61811-11

Date Collected: 08/19/13 12:30

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 85.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<23		130	23	ug/Kg	*	08/19/13 12:30	08/29/13 18:11	50
1,1,1-Trichloroethane	<13		65	13	ug/Kg	*	08/19/13 12:30	08/29/13 18:11	50
1,1,1,2,2-Tetrachloroethane	<15		65	15	ug/Kg	*	08/19/13 12:30	08/29/13 18:11	50
1,1,1,2-Trichloroethane	<18		65	18	ug/Kg	*	08/19/13 12:30	08/29/13 18:11	50
1,1-Dichloroethane	<12		65	12	ug/Kg	*	08/19/13 12:30	08/29/13 18:11	50
1,1-Dichloroethene	<20		65	20	ug/Kg	*	08/19/13 12:30	08/29/13 18:11	50
1,1-Dichloropropene	<22		65	22	ug/Kg	*	08/19/13 12:30	08/29/13 18:11	50
1,2,3-Trichlorobenzene	<23		130	23	ug/Kg	*	08/19/13 12:30	08/29/13 18:11	50
1,2,3-Trichloropropane	<37		130	37	ug/Kg	*	08/19/13 12:30	08/29/13 18:11	50
1,2,4-Trichlorobenzene	<25		130	25	ug/Kg	*	08/19/13 12:30	08/29/13 18:11	50
1,2,4-Trimethylbenzene	<14		130	14	ug/Kg	*	08/19/13 12:30	08/29/13 18:11	50
1,2-Dibromo-3-Chloropropane	<57		130	57	ug/Kg	*	08/19/13 12:30	08/29/13 18:11	50
1,2-Dibromoethane	<20		130	20	ug/Kg	*	08/19/13 12:30	08/29/13 18:11	50
1,2-Dichlorobenzene	<13		130	13	ug/Kg	*	08/19/13 12:30	08/29/13 18:11	50
1,2-Dichloroethane	<19		65	19	ug/Kg	*	08/19/13 12:30	08/29/13 18:11	50
1,2-Dichloropropane	<13		65	13	ug/Kg	*	08/19/13 12:30	08/29/13 18:11	50
1,3,5-Trimethylbenzene	<13		130	13	ug/Kg	*	08/19/13 12:30	08/29/13 18:11	50
1,3-Dichlorobenzene	<17		130	17	ug/Kg	*	08/19/13 12:30	08/29/13 18:11	50
1,3-Dichloropropane	<8.7		65	8.7	ug/Kg	*	08/19/13 12:30	08/29/13 18:11	50
1,4-Dichlorobenzene	<11		130	11	ug/Kg	*	08/19/13 12:30	08/29/13 18:11	50
2,2-Dichloropropane	<21		65	21	ug/Kg	*	08/19/13 12:30	08/29/13 18:11	50
2-Chlorotoluene	<13		65	13	ug/Kg	*	08/19/13 12:30	08/29/13 18:11	50
4-Chlorotoluene	<13		65	13	ug/Kg	*	08/19/13 12:30	08/29/13 18:11	50
Benzene	<4.8		16	4.8	ug/Kg	*	08/19/13 12:30	08/29/13 18:11	50
Bromobenzene	<28		130	28	ug/Kg	*	08/19/13 12:30	08/29/13 18:11	50
Bromochloromethane	<25		130	25	ug/Kg	*	08/19/13 12:30	08/29/13 18:11	50
Bromodichloromethane	<22		130	22	ug/Kg	*	08/19/13 12:30	08/29/13 18:11	50
Bromoform	<29		130	29	ug/Kg	*	08/19/13 12:30	08/29/13 18:11	50
Bromomethane	<44		130	44	ug/Kg	*	08/19/13 12:30	08/29/13 18:11	50
Carbon tetrachloride	<17		65	17	ug/Kg	*	08/19/13 12:30	08/29/13 18:11	50
Chlorobenzene	<9.3		65	9.3	ug/Kg	*	08/19/13 12:30	08/29/13 18:11	50
Chloroethane	<28		130	28	ug/Kg	*	08/19/13 12:30	08/29/13 18:11	50
Chloroform	<13		65	13	ug/Kg	*	08/19/13 12:30	08/29/13 18:11	50
Chloromethane	<30		130	30	ug/Kg	*	08/19/13 12:30	08/29/13 18:11	50
cis-1,2-Dichloroethene	<8.0		65	8.0	ug/Kg	*	08/19/13 12:30	08/29/13 18:11	50
cis-1,3-Dichloropropene	<12		65	12	ug/Kg	*	08/19/13 12:30	08/29/13 18:11	50
Dibromochloromethane	<23		130	23	ug/Kg	*	08/19/13 12:30	08/29/13 18:11	50
Dibromomethane	<31		130	31	ug/Kg	*	08/19/13 12:30	08/29/13 18:11	50
Dichlorodifluoromethane	<33		130	33	ug/Kg	*	08/19/13 12:30	08/29/13 18:11	50
Ethylbenzene	<8.2		16	8.2	ug/Kg	*	08/19/13 12:30	08/29/13 18:11	50
Hexachlorobutadiene	<23		130	23	ug/Kg	*	08/19/13 12:30	08/29/13 18:11	50
Isopropyl ether	<9.6		130	9.6	ug/Kg	*	08/19/13 12:30	08/29/13 18:11	50
Isopropylbenzene	<16		130	16	ug/Kg	*	08/19/13 12:30	08/29/13 18:11	50
Methyl tert-butyl ether	<28		130	28	ug/Kg	*	08/19/13 12:30	08/29/13 18:11	50
Methylene Chloride	<44		330	44	ug/Kg	*	08/19/13 12:30	08/29/13 18:11	50
Naphthalene	<32		130	32	ug/Kg	*	08/19/13 12:30	08/29/13 18:11	50
n-Butylbenzene	<8.4		65	8.4	ug/Kg	*	08/19/13 12:30	08/29/13 18:11	50
N-Propylbenzene	<11		130	11	ug/Kg	*	08/19/13 12:30	08/29/13 18:11	50
p-Isopropyltoluene	<12		130	12	ug/Kg	*	08/19/13 12:30	08/29/13 18:11	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-120 8-10'

Lab Sample ID: 500-61811-11

Date Collected: 08/19/13 12:30

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 85.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<10		65	10	ug/Kg	☼	08/19/13 12:30	08/29/13 18:11	50
Styrene	<6.4		65	6.4	ug/Kg	☼	08/19/13 12:30	08/29/13 18:11	50
tert-Butylbenzene	<8.9		65	8.9	ug/Kg	☼	08/19/13 12:30	08/29/13 18:11	50
Tetrachloroethene	<11		65	11	ug/Kg	☼	08/19/13 12:30	08/29/13 18:11	50
Toluene	<7.5		16	7.5	ug/Kg	☼	08/19/13 12:30	08/29/13 18:11	50
trans-1,2-Dichloroethene	<16		65	16	ug/Kg	☼	08/19/13 12:30	08/29/13 18:11	50
trans-1,3-Dichloropropene	<14		65	14	ug/Kg	☼	08/19/13 12:30	08/29/13 18:11	50
Trichloroethene	<12		33	12	ug/Kg	☼	08/19/13 12:30	08/29/13 18:11	50
Trichlorofluoromethane	<27		130	27	ug/Kg	☼	08/19/13 12:30	08/29/13 18:11	50
Vinyl chloride	<6.8		16	6.8	ug/Kg	☼	08/19/13 12:30	08/29/13 18:11	50
Xylenes, Total	<4.5		33	4.5	ug/Kg	☼	08/19/13 12:30	08/29/13 18:11	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		75 - 125				08/19/13 12:30	08/29/13 18:11	50
4-Bromofluorobenzene (Surr)	94		75 - 120				08/19/13 12:30	08/29/13 18:11	50
Dibromofluoromethane	86		75 - 120				08/19/13 12:30	08/29/13 18:11	50
Toluene-d8 (Surr)	90		75 - 120				08/19/13 12:30	08/29/13 18:11	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<19		37	19	ug/Kg	☼	08/30/13 20:36	09/04/13 21:17	1
2-Methylnaphthalene	<49		190	49	ug/Kg	☼	08/30/13 20:36	09/04/13 21:17	1
Acenaphthene	<11		37	11	ug/Kg	☼	08/30/13 20:36	09/04/13 21:17	1
Acenaphthylene	<8.6		37	8.6	ug/Kg	☼	08/30/13 20:36	09/04/13 21:17	1
Anthracene	<8.8		37	8.8	ug/Kg	☼	08/30/13 20:36	09/04/13 21:17	1
Benzo[a]anthracene	55		37	7.9	ug/Kg	☼	08/30/13 20:36	09/04/13 21:17	1
Benzo[a]pyrene	77		37	6.8	ug/Kg	☼	08/30/13 20:36	09/04/13 21:17	1
Benzo[b]fluoranthene	110		37	7.3	ug/Kg	☼	08/30/13 20:36	09/04/13 21:17	1
Benzo[g,h,i]perylene	69		37	13	ug/Kg	☼	08/30/13 20:36	09/04/13 21:17	1
Benzo[k]fluoranthene	34 J		37	9.0	ug/Kg	☼	08/30/13 20:36	09/04/13 21:17	1
Chrysene	62		37	8.5	ug/Kg	☼	08/30/13 20:36	09/04/13 21:17	1
Dibenz(a,h)anthracene	29 J		37	11	ug/Kg	☼	08/30/13 20:36	09/04/13 21:17	1
Fluoranthene	78		37	15	ug/Kg	☼	08/30/13 20:36	09/04/13 21:17	1
Fluorene	<8.5		37	8.5	ug/Kg	☼	08/30/13 20:36	09/04/13 21:17	1
Indeno[1,2,3-cd]pyrene	53		37	13	ug/Kg	☼	08/30/13 20:36	09/04/13 21:17	1
Naphthalene	<7.2		37	7.2	ug/Kg	☼	08/30/13 20:36	09/04/13 21:17	1
Phenanthrene	20 J		37	16	ug/Kg	☼	08/30/13 20:36	09/04/13 21:17	1
Pyrene	67		37	14	ug/Kg	☼	08/30/13 20:36	09/04/13 21:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	44		25 - 119				08/30/13 20:36	09/04/13 21:17	1
Nitrobenzene-d5 (Surr)	39		25 - 115				08/30/13 20:36	09/04/13 21:17	1
Terphenyl-d14 (Surr)	65		36 - 134				08/30/13 20:36	09/04/13 21:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<6.7		19	6.7	ug/Kg	☼	08/30/13 18:19	09/04/13 13:05	1
PCB-1221	<8.4		19	8.4	ug/Kg	☼	08/30/13 18:19	09/04/13 13:05	1
PCB-1232	<8.3		19	8.3	ug/Kg	☼	08/30/13 18:19	09/04/13 13:05	1
PCB-1242	<6.2		19	6.2	ug/Kg	☼	08/30/13 18:19	09/04/13 13:05	1

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-120 8-10'

Lab Sample ID: 500-61811-11

Date Collected: 08/19/13 12:30

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 85.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	<7.5		19	7.5	ug/Kg	☼	08/30/13 18:19	09/04/13 13:05	1
PCB-1254	<4.1		19	4.1	ug/Kg	☼	08/30/13 18:19	09/04/13 13:05	1
PCB-1260	<9.3		19	9.3	ug/Kg	☼	08/30/13 18:19	09/04/13 13:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	60		50 - 116				08/30/13 18:19	09/04/13 13:05	1
DCB Decachlorobiphenyl	85		48 - 142				08/30/13 18:19	09/04/13 13:05	1

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-120 13-15'

Lab Sample ID: 500-61811-12

Date Collected: 08/19/13 12:45

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 83.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<24		140	24	ug/Kg	*	08/19/13 12:45	08/29/13 18:36	50
1,1,1-Trichloroethane	<14		70	14	ug/Kg	*	08/19/13 12:45	08/29/13 18:36	50
1,1,2,2-Tetrachloroethane	<16		70	16	ug/Kg	*	08/19/13 12:45	08/29/13 18:36	50
1,1,2-Trichloroethane	<20		70	20	ug/Kg	*	08/19/13 12:45	08/29/13 18:36	50
1,1-Dichloroethane	<13		70	13	ug/Kg	*	08/19/13 12:45	08/29/13 18:36	50
1,1-Dichloroethene	<22		70	22	ug/Kg	*	08/19/13 12:45	08/29/13 18:36	50
1,1-Dichloropropene	<24		70	24	ug/Kg	*	08/19/13 12:45	08/29/13 18:36	50
1,2,3-Trichlorobenzene	<25		140	25	ug/Kg	*	08/19/13 12:45	08/29/13 18:36	50
1,2,3-Trichloropropane	<40		140	40	ug/Kg	*	08/19/13 12:45	08/29/13 18:36	50
1,2,4-Trichlorobenzene	<26		140	26	ug/Kg	*	08/19/13 12:45	08/29/13 18:36	50
1,2,4-Trimethylbenzene	<15		140	15	ug/Kg	*	08/19/13 12:45	08/29/13 18:36	50
1,2-Dibromo-3-Chloropropane	<61		140	61	ug/Kg	*	08/19/13 12:45	08/29/13 18:36	50
1,2-Dibromoethane	<22		140	22	ug/Kg	*	08/19/13 12:45	08/29/13 18:36	50
1,2-Dichlorobenzene	<14		140	14	ug/Kg	*	08/19/13 12:45	08/29/13 18:36	50
1,2-Dichloroethane	<20		70	20	ug/Kg	*	08/19/13 12:45	08/29/13 18:36	50
1,2-Dichloropropane	<14		70	14	ug/Kg	*	08/19/13 12:45	08/29/13 18:36	50
1,3,5-Trimethylbenzene	<14		140	14	ug/Kg	*	08/19/13 12:45	08/29/13 18:36	50
1,3-Dichlorobenzene	<18		140	18	ug/Kg	*	08/19/13 12:45	08/29/13 18:36	50
1,3-Dichloropropane	<9.4		70	9.4	ug/Kg	*	08/19/13 12:45	08/29/13 18:36	50
1,4-Dichlorobenzene	<12		140	12	ug/Kg	*	08/19/13 12:45	08/29/13 18:36	50
2,2-Dichloropropane	<22		70	22	ug/Kg	*	08/19/13 12:45	08/29/13 18:36	50
2-Chlorotoluene	<15		70	15	ug/Kg	*	08/19/13 12:45	08/29/13 18:36	50
4-Chlorotoluene	<14		70	14	ug/Kg	*	08/19/13 12:45	08/29/13 18:36	50
Benzene	<5.2		18	5.2	ug/Kg	*	08/19/13 12:45	08/29/13 18:36	50
Bromobenzene	<30		140	30	ug/Kg	*	08/19/13 12:45	08/29/13 18:36	50
Bromochloromethane	<26		140	26	ug/Kg	*	08/19/13 12:45	08/29/13 18:36	50
Bromodichloromethane	<24		140	24	ug/Kg	*	08/19/13 12:45	08/29/13 18:36	50
Bromoform	<31		140	31	ug/Kg	*	08/19/13 12:45	08/29/13 18:36	50
Bromomethane	<48		140	48	ug/Kg	*	08/19/13 12:45	08/29/13 18:36	50
Carbon tetrachloride	<18		70	18	ug/Kg	*	08/19/13 12:45	08/29/13 18:36	50
Chlorobenzene	<10		70	10	ug/Kg	*	08/19/13 12:45	08/29/13 18:36	50
Chloroethane	<30		140	30	ug/Kg	*	08/19/13 12:45	08/29/13 18:36	50
Chloroform	<14		70	14	ug/Kg	*	08/19/13 12:45	08/29/13 18:36	50
Chloromethane	<32		140	32	ug/Kg	*	08/19/13 12:45	08/29/13 18:36	50
cis-1,2-Dichloroethene	<8.6		70	8.6	ug/Kg	*	08/19/13 12:45	08/29/13 18:36	50
cis-1,3-Dichloropropene	<12		70	12	ug/Kg	*	08/19/13 12:45	08/29/13 18:36	50
Dibromochloromethane	<24		140	24	ug/Kg	*	08/19/13 12:45	08/29/13 18:36	50
Dibromomethane	<34		140	34	ug/Kg	*	08/19/13 12:45	08/29/13 18:36	50
Dichlorodifluoromethane	<36		140	36	ug/Kg	*	08/19/13 12:45	08/29/13 18:36	50
Ethylbenzene	<8.8		18	8.8	ug/Kg	*	08/19/13 12:45	08/29/13 18:36	50
Hexachlorobutadiene	<24		140	24	ug/Kg	*	08/19/13 12:45	08/29/13 18:36	50
Isopropyl ether	<10		140	10	ug/Kg	*	08/19/13 12:45	08/29/13 18:36	50
Isopropylbenzene	<18		140	18	ug/Kg	*	08/19/13 12:45	08/29/13 18:36	50
Methyl tert-butyl ether	<30		140	30	ug/Kg	*	08/19/13 12:45	08/29/13 18:36	50
Methylene Chloride	<48		350	48	ug/Kg	*	08/19/13 12:45	08/29/13 18:36	50
Naphthalene	<35		140	35	ug/Kg	*	08/19/13 12:45	08/29/13 18:36	50
n-Butylbenzene	<9.0		70	9.0	ug/Kg	*	08/19/13 12:45	08/29/13 18:36	50
N-Propylbenzene	<12		140	12	ug/Kg	*	08/19/13 12:45	08/29/13 18:36	50
p-Isopropyltoluene	<13		140	13	ug/Kg	*	08/19/13 12:45	08/29/13 18:36	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-120 13-15'

Lab Sample ID: 500-61811-12

Date Collected: 08/19/13 12:45

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 83.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<11		70	11	ug/Kg	☼	08/19/13 12:45	08/29/13 18:36	50
Styrene	<6.9		70	6.9	ug/Kg	☼	08/19/13 12:45	08/29/13 18:36	50
tert-Butylbenzene	<9.5		70	9.5	ug/Kg	☼	08/19/13 12:45	08/29/13 18:36	50
Tetrachloroethene	<12		70	12	ug/Kg	☼	08/19/13 12:45	08/29/13 18:36	50
Toluene	<8.1		18	8.1	ug/Kg	☼	08/19/13 12:45	08/29/13 18:36	50
trans-1,2-Dichloroethene	<18		70	18	ug/Kg	☼	08/19/13 12:45	08/29/13 18:36	50
trans-1,3-Dichloropropene	<15		70	15	ug/Kg	☼	08/19/13 12:45	08/29/13 18:36	50
Trichloroethene	<13		35	13	ug/Kg	☼	08/19/13 12:45	08/29/13 18:36	50
Trichlorofluoromethane	<29		140	29	ug/Kg	☼	08/19/13 12:45	08/29/13 18:36	50
Vinyl chloride	<7.3		18	7.3	ug/Kg	☼	08/19/13 12:45	08/29/13 18:36	50
Xylenes, Total	<4.8		35	4.8	ug/Kg	☼	08/19/13 12:45	08/29/13 18:36	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		75 - 125				08/19/13 12:45	08/29/13 18:36	50
4-Bromofluorobenzene (Surr)	96		75 - 120				08/19/13 12:45	08/29/13 18:36	50
Dibromofluoromethane	85		75 - 120				08/19/13 12:45	08/29/13 18:36	50
Toluene-d8 (Surr)	94		75 - 120				08/19/13 12:45	08/29/13 18:36	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<19		37	19	ug/Kg	☼	08/30/13 20:36	09/04/13 21:36	1
2-Methylnaphthalene	<49		190	49	ug/Kg	☼	08/30/13 20:36	09/04/13 21:36	1
Acenaphthene	<11		37	11	ug/Kg	☼	08/30/13 20:36	09/04/13 21:36	1
Acenaphthylene	<8.7		37	8.7	ug/Kg	☼	08/30/13 20:36	09/04/13 21:36	1
Anthracene	<8.9		37	8.9	ug/Kg	☼	08/30/13 20:36	09/04/13 21:36	1
Benzo[a]anthracene	14	J	37	7.9	ug/Kg	☼	08/30/13 20:36	09/04/13 21:36	1
Benzo[a]pyrene	19	J	37	6.9	ug/Kg	☼	08/30/13 20:36	09/04/13 21:36	1
Benzo[b]fluoranthene	22	J	37	7.3	ug/Kg	☼	08/30/13 20:36	09/04/13 21:36	1
Benzo[g,h,i]perylene	28	J	37	13	ug/Kg	☼	08/30/13 20:36	09/04/13 21:36	1
Benzo[k]fluoranthene	<9.0		37	9.0	ug/Kg	☼	08/30/13 20:36	09/04/13 21:36	1
Chrysene	19	J	37	8.5	ug/Kg	☼	08/30/13 20:36	09/04/13 21:36	1
Dibenz(a,h)anthracene	<11		37	11	ug/Kg	☼	08/30/13 20:36	09/04/13 21:36	1
Fluoranthene	<15		37	15	ug/Kg	☼	08/30/13 20:36	09/04/13 21:36	1
Fluorene	<8.6		37	8.6	ug/Kg	☼	08/30/13 20:36	09/04/13 21:36	1
Indeno[1,2,3-cd]pyrene	17	J	37	13	ug/Kg	☼	08/30/13 20:36	09/04/13 21:36	1
Naphthalene	10	J	37	7.3	ug/Kg	☼	08/30/13 20:36	09/04/13 21:36	1
Phenanthrene	<16		37	16	ug/Kg	☼	08/30/13 20:36	09/04/13 21:36	1
Pyrene	<14		37	14	ug/Kg	☼	08/30/13 20:36	09/04/13 21:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	37		25 - 119				08/30/13 20:36	09/04/13 21:36	1
Nitrobenzene-d5 (Surr)	32		25 - 115				08/30/13 20:36	09/04/13 21:36	1
Terphenyl-d14 (Surr)	55		36 - 134				08/30/13 20:36	09/04/13 21:36	1

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-121 0-2'

Lab Sample ID: 500-61811-13

Date Collected: 08/20/13 13:20

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 86.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<23		130	23	ug/Kg	*	08/25/13 17:03	08/29/13 19:00	50
1,1,1-Trichloroethane	<13		66	13	ug/Kg	*	08/25/13 17:03	08/29/13 19:00	50
1,1,2,2-Tetrachloroethane	<15		66	15	ug/Kg	*	08/25/13 17:03	08/29/13 19:00	50
1,1,2-Trichloroethane	<18		66	18	ug/Kg	*	08/25/13 17:03	08/29/13 19:00	50
1,1-Dichloroethane	<12		66	12	ug/Kg	*	08/25/13 17:03	08/29/13 19:00	50
1,1-Dichloroethene	<20		66	20	ug/Kg	*	08/25/13 17:03	08/29/13 19:00	50
1,1-Dichloropropene	<23		66	23	ug/Kg	*	08/25/13 17:03	08/29/13 19:00	50
1,2,3-Trichlorobenzene	<23		130	23	ug/Kg	*	08/25/13 17:03	08/29/13 19:00	50
1,2,3-Trichloropropane	<38		130	38	ug/Kg	*	08/25/13 17:03	08/29/13 19:00	50
1,2,4-Trichlorobenzene	<25		130	25	ug/Kg	*	08/25/13 17:03	08/29/13 19:00	50
1,2,4-Trimethylbenzene	<14		130	14	ug/Kg	*	08/25/13 17:03	08/29/13 19:00	50
1,2-Dibromo-3-Chloropropane	<57		130	57	ug/Kg	*	08/25/13 17:03	08/29/13 19:00	50
1,2-Dibromoethane	<21		130	21	ug/Kg	*	08/25/13 17:03	08/29/13 19:00	50
1,2-Dichlorobenzene	<13		130	13	ug/Kg	*	08/25/13 17:03	08/29/13 19:00	50
1,2-Dichloroethane	<19		66	19	ug/Kg	*	08/25/13 17:03	08/29/13 19:00	50
1,2-Dichloropropane	<13		66	13	ug/Kg	*	08/25/13 17:03	08/29/13 19:00	50
1,3,5-Trimethylbenzene	<14		130	14	ug/Kg	*	08/25/13 17:03	08/29/13 19:00	50
1,3-Dichlorobenzene	<17		130	17	ug/Kg	*	08/25/13 17:03	08/29/13 19:00	50
1,3-Dichloropropane	<8.8		66	8.8	ug/Kg	*	08/25/13 17:03	08/29/13 19:00	50
1,4-Dichlorobenzene	<11		130	11	ug/Kg	*	08/25/13 17:03	08/29/13 19:00	50
2,2-Dichloropropane	<21		66	21	ug/Kg	*	08/25/13 17:03	08/29/13 19:00	50
2-Chlorotoluene	<14		66	14	ug/Kg	*	08/25/13 17:03	08/29/13 19:00	50
4-Chlorotoluene	<13		66	13	ug/Kg	*	08/25/13 17:03	08/29/13 19:00	50
Benzene	<4.9		16	4.9	ug/Kg	*	08/25/13 17:03	08/29/13 19:00	50
Bromobenzene	<28		130	28	ug/Kg	*	08/25/13 17:03	08/29/13 19:00	50
Bromochloromethane	<25		130	25	ug/Kg	*	08/25/13 17:03	08/29/13 19:00	50
Bromodichloromethane	<22		130	22	ug/Kg	*	08/25/13 17:03	08/29/13 19:00	50
Bromoform	<29		130	29	ug/Kg	*	08/25/13 17:03	08/29/13 19:00	50
Bromomethane	<45		130	45	ug/Kg	*	08/25/13 17:03	08/29/13 19:00	50
Carbon tetrachloride	<17		66	17	ug/Kg	*	08/25/13 17:03	08/29/13 19:00	50
Chlorobenzene	<9.4		66	9.4	ug/Kg	*	08/25/13 17:03	08/29/13 19:00	50
Chloroethane	<29		130	29	ug/Kg	*	08/25/13 17:03	08/29/13 19:00	50
Chloroform	<13		66	13	ug/Kg	*	08/25/13 17:03	08/29/13 19:00	50
Chloromethane	<30		130	30	ug/Kg	*	08/25/13 17:03	08/29/13 19:00	50
cis-1,2-Dichloroethene	<8.1		66	8.1	ug/Kg	*	08/25/13 17:03	08/29/13 19:00	50
cis-1,3-Dichloropropene	<12		66	12	ug/Kg	*	08/25/13 17:03	08/29/13 19:00	50
Dibromochloromethane	<23		130	23	ug/Kg	*	08/25/13 17:03	08/29/13 19:00	50
Dibromomethane	<32		130	32	ug/Kg	*	08/25/13 17:03	08/29/13 19:00	50
Dichlorodifluoromethane	<34		130	34	ug/Kg	*	08/25/13 17:03	08/29/13 19:00	50
Ethylbenzene	<8.3		16	8.3	ug/Kg	*	08/25/13 17:03	08/29/13 19:00	50
Hexachlorobutadiene	<23		130	23	ug/Kg	*	08/25/13 17:03	08/29/13 19:00	50
Isopropyl ether	<9.7		130	9.7	ug/Kg	*	08/25/13 17:03	08/29/13 19:00	50
Isopropylbenzene	<17		130	17	ug/Kg	*	08/25/13 17:03	08/29/13 19:00	50
Methyl tert-butyl ether	<28		130	28	ug/Kg	*	08/25/13 17:03	08/29/13 19:00	50
Methylene Chloride	<45		330	45	ug/Kg	*	08/25/13 17:03	08/29/13 19:00	50
Naphthalene	<32		130	32	ug/Kg	*	08/25/13 17:03	08/29/13 19:00	50
n-Butylbenzene	<8.5		66	8.5	ug/Kg	*	08/25/13 17:03	08/29/13 19:00	50
N-Propylbenzene	<12		130	12	ug/Kg	*	08/25/13 17:03	08/29/13 19:00	50
p-Isopropyltoluene	<12		130	12	ug/Kg	*	08/25/13 17:03	08/29/13 19:00	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-121 0-2'

Lab Sample ID: 500-61811-13

Date Collected: 08/20/13 13:20

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 86.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<10		66	10	ug/Kg	☼	08/25/13 17:03	08/29/13 19:00	50
Styrene	<6.5		66	6.5	ug/Kg	☼	08/25/13 17:03	08/29/13 19:00	50
tert-Butylbenzene	<8.9		66	8.9	ug/Kg	☼	08/25/13 17:03	08/29/13 19:00	50
Tetrachloroethene	<11		66	11	ug/Kg	☼	08/25/13 17:03	08/29/13 19:00	50
Toluene	<7.6		16	7.6	ug/Kg	☼	08/25/13 17:03	08/29/13 19:00	50
trans-1,2-Dichloroethene	<16		66	16	ug/Kg	☼	08/25/13 17:03	08/29/13 19:00	50
trans-1,3-Dichloropropene	<14		66	14	ug/Kg	☼	08/25/13 17:03	08/29/13 19:00	50
Trichloroethene	<12		33	12	ug/Kg	☼	08/25/13 17:03	08/29/13 19:00	50
Trichlorofluoromethane	<27		130	27	ug/Kg	☼	08/25/13 17:03	08/29/13 19:00	50
Vinyl chloride	<6.8		16	6.8	ug/Kg	☼	08/25/13 17:03	08/29/13 19:00	50
Xylenes, Total	<4.5		33	4.5	ug/Kg	☼	08/25/13 17:03	08/29/13 19:00	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		75 - 125				08/25/13 17:03	08/29/13 19:00	50
Toluene-d8 (Surr)	93		75 - 120				08/25/13 17:03	08/29/13 19:00	50
4-Bromofluorobenzene (Surr)	94		75 - 120				08/25/13 17:03	08/29/13 19:00	50
Dibromofluoromethane	83		75 - 120				08/25/13 17:03	08/29/13 19:00	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	290		190	94	ug/Kg	☼	08/30/13 20:36	09/04/13 21:55	5
2-Methylnaphthalene	350	J	950	250	ug/Kg	☼	08/30/13 20:36	09/04/13 21:55	5
Acenaphthene	1100		190	57	ug/Kg	☼	08/30/13 20:36	09/04/13 21:55	5
Acenaphthylene	2800		190	43	ug/Kg	☼	08/30/13 20:36	09/04/13 21:55	5
Anthracene	11000		190	44	ug/Kg	☼	08/30/13 20:36	09/04/13 21:55	5
Benzo[g,h,i]perylene	13000		190	64	ug/Kg	☼	08/30/13 20:36	09/04/13 21:55	5
Benzo[k]fluoranthene	9900		190	45	ug/Kg	☼	08/30/13 20:36	09/04/13 21:55	5
Dibenz(a,h)anthracene	5700		190	53	ug/Kg	☼	08/30/13 20:36	09/04/13 21:55	5
Fluorene	3300		190	43	ug/Kg	☼	08/30/13 20:36	09/04/13 21:55	5
Indeno[1,2,3-cd]pyrene	11000		190	64	ug/Kg	☼	08/30/13 20:36	09/04/13 21:55	5
Naphthalene	730		190	36	ug/Kg	☼	08/30/13 20:36	09/04/13 21:55	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	55		25 - 119				08/30/13 20:36	09/04/13 21:55	5
Nitrobenzene-d5 (Surr)	38		25 - 115				08/30/13 20:36	09/04/13 21:55	5
Terphenyl-d14 (Surr)	98		36 - 134				08/30/13 20:36	09/04/13 21:55	5

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	40000		1900	400	ug/Kg	☼	08/30/13 20:36	09/05/13 21:19	50
Benzo[a]pyrene	30000		1900	340	ug/Kg	☼	08/30/13 20:36	09/05/13 21:19	50
Benzo[b]fluoranthene	39000		1900	370	ug/Kg	☼	08/30/13 20:36	09/05/13 21:19	50
Chrysene	36000		1900	430	ug/Kg	☼	08/30/13 20:36	09/05/13 21:19	50
Fluoranthene	97000		1900	770	ug/Kg	☼	08/30/13 20:36	09/05/13 21:19	50
Phenanthrene	42000		1900	790	ug/Kg	☼	08/30/13 20:36	09/05/13 21:19	50
Pyrene	64000		1900	680	ug/Kg	☼	08/30/13 20:36	09/05/13 21:19	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	0	D	25 - 119				08/30/13 20:36	09/05/13 21:19	50
Nitrobenzene-d5 (Surr)	0	D	25 - 115				08/30/13 20:36	09/05/13 21:19	50
Terphenyl-d14 (Surr)	0	D	36 - 134				08/30/13 20:36	09/05/13 21:19	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-121 0-2'

Lab Sample ID: 500-61811-13

Date Collected: 08/20/13 13:20

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 86.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<6.6		19	6.6	ug/Kg	☼	08/30/13 18:19	09/04/13 13:19	1
PCB-1221	<8.2		19	8.2	ug/Kg	☼	08/30/13 18:19	09/04/13 13:19	1
PCB-1232	<8.2		19	8.2	ug/Kg	☼	08/30/13 18:19	09/04/13 13:19	1
PCB-1242	<6.2		19	6.2	ug/Kg	☼	08/30/13 18:19	09/04/13 13:19	1
PCB-1248	<7.4		19	7.4	ug/Kg	☼	08/30/13 18:19	09/04/13 13:19	1
PCB-1254	<4.0		19	4.0	ug/Kg	☼	08/30/13 18:19	09/04/13 13:19	1
PCB-1260	<9.2		19	9.2	ug/Kg	☼	08/30/13 18:19	09/04/13 13:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	64		50 - 116	08/30/13 18:19	09/04/13 13:19	1
DCB Decachlorobiphenyl	82		48 - 142	08/30/13 18:19	09/04/13 13:19	1

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-121 4-6'

Lab Sample ID: 500-61811-14

Date Collected: 08/20/13 13:20

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 83.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<24		140	24	ug/Kg	*	08/20/13 13:20	08/29/13 23:16	50
1,1,1-Trichloroethane	<14		70	14	ug/Kg	*	08/20/13 13:20	08/29/13 23:16	50
1,1,2,2-Tetrachloroethane	<16		70	16	ug/Kg	*	08/20/13 13:20	08/29/13 23:16	50
1,1,2-Trichloroethane	<20		70	20	ug/Kg	*	08/20/13 13:20	08/29/13 23:16	50
1,1-Dichloroethane	<13		70	13	ug/Kg	*	08/20/13 13:20	08/29/13 23:16	50
1,1-Dichloroethene	<22		70	22	ug/Kg	*	08/20/13 13:20	08/29/13 23:16	50
1,1-Dichloropropene	<24		70	24	ug/Kg	*	08/20/13 13:20	08/29/13 23:16	50
1,2,3-Trichlorobenzene	<25		140	25	ug/Kg	*	08/20/13 13:20	08/29/13 23:16	50
1,2,3-Trichloropropane	<40		140	40	ug/Kg	*	08/20/13 13:20	08/29/13 23:16	50
1,2,4-Trichlorobenzene	<27		140	27	ug/Kg	*	08/20/13 13:20	08/29/13 23:16	50
1,2,4-Trimethylbenzene	<15		140	15	ug/Kg	*	08/20/13 13:20	08/29/13 23:16	50
1,2-Dibromo-3-Chloropropane	<61		140	61	ug/Kg	*	08/20/13 13:20	08/29/13 23:16	50
1,2-Dibromoethane	<22		140	22	ug/Kg	*	08/20/13 13:20	08/29/13 23:16	50
1,2-Dichlorobenzene	<14		140	14	ug/Kg	*	08/20/13 13:20	08/29/13 23:16	50
1,2-Dichloroethane	<20		70	20	ug/Kg	*	08/20/13 13:20	08/29/13 23:16	50
1,2-Dichloropropane	<14		70	14	ug/Kg	*	08/20/13 13:20	08/29/13 23:16	50
1,3,5-Trimethylbenzene	<15		140	15	ug/Kg	*	08/20/13 13:20	08/29/13 23:16	50
1,3-Dichlorobenzene	<18		140	18	ug/Kg	*	08/20/13 13:20	08/29/13 23:16	50
1,3-Dichloropropane	<9.4		70	9.4	ug/Kg	*	08/20/13 13:20	08/29/13 23:16	50
1,4-Dichlorobenzene	<12		140	12	ug/Kg	*	08/20/13 13:20	08/29/13 23:16	50
2,2-Dichloropropane	<22		70	22	ug/Kg	*	08/20/13 13:20	08/29/13 23:16	50
2-Chlorotoluene	<15		70	15	ug/Kg	*	08/20/13 13:20	08/29/13 23:16	50
4-Chlorotoluene	<14		70	14	ug/Kg	*	08/20/13 13:20	08/29/13 23:16	50
Benzene	<5.2		18	5.2	ug/Kg	*	08/20/13 13:20	08/29/13 23:16	50
Bromobenzene	<30		140	30	ug/Kg	*	08/20/13 13:20	08/29/13 23:16	50
Bromochloromethane	<27		140	27	ug/Kg	*	08/20/13 13:20	08/29/13 23:16	50
Bromodichloromethane	<24		140	24	ug/Kg	*	08/20/13 13:20	08/29/13 23:16	50
Bromoform	<31		140	31	ug/Kg	*	08/20/13 13:20	08/29/13 23:16	50
Bromomethane	<48		140	48	ug/Kg	*	08/20/13 13:20	08/29/13 23:16	50
Carbon tetrachloride	<18		70	18	ug/Kg	*	08/20/13 13:20	08/29/13 23:16	50
Chlorobenzene	<10		70	10	ug/Kg	*	08/20/13 13:20	08/29/13 23:16	50
Chloroethane	<31		140	31	ug/Kg	*	08/20/13 13:20	08/29/13 23:16	50
Chloroform	<14		70	14	ug/Kg	*	08/20/13 13:20	08/29/13 23:16	50
Chloromethane	<33		140	33	ug/Kg	*	08/20/13 13:20	08/29/13 23:16	50
cis-1,2-Dichloroethene	<8.7		70	8.7	ug/Kg	*	08/20/13 13:20	08/29/13 23:16	50
cis-1,3-Dichloropropene	<13		70	13	ug/Kg	*	08/20/13 13:20	08/29/13 23:16	50
Dibromochloromethane	<24		140	24	ug/Kg	*	08/20/13 13:20	08/29/13 23:16	50
Dibromomethane	<34		140	34	ug/Kg	*	08/20/13 13:20	08/29/13 23:16	50
Dichlorodifluoromethane	<36		140	36	ug/Kg	*	08/20/13 13:20	08/29/13 23:16	50
Ethylbenzene	<8.9		18	8.9	ug/Kg	*	08/20/13 13:20	08/29/13 23:16	50
Hexachlorobutadiene	<24		140	24	ug/Kg	*	08/20/13 13:20	08/29/13 23:16	50
Isopropyl ether	<10		140	10	ug/Kg	*	08/20/13 13:20	08/29/13 23:16	50
Isopropylbenzene	<18		140	18	ug/Kg	*	08/20/13 13:20	08/29/13 23:16	50
Methyl tert-butyl ether	<30		140	30	ug/Kg	*	08/20/13 13:20	08/29/13 23:16	50
Methylene Chloride	<48		350	48	ug/Kg	*	08/20/13 13:20	08/29/13 23:16	50
Naphthalene	<35		140	35	ug/Kg	*	08/20/13 13:20	08/29/13 23:16	50
n-Butylbenzene	<9.1		70	9.1	ug/Kg	*	08/20/13 13:20	08/29/13 23:16	50
N-Propylbenzene	<12		140	12	ug/Kg	*	08/20/13 13:20	08/29/13 23:16	50
p-Isopropyltoluene	<13		140	13	ug/Kg	*	08/20/13 13:20	08/29/13 23:16	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-121 4-6'

Lab Sample ID: 500-61811-14

Date Collected: 08/20/13 13:20

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 83.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<11		70	11	ug/Kg	☼	08/20/13 13:20	08/29/13 23:16	50
Styrene	<7.0		70	7.0	ug/Kg	☼	08/20/13 13:20	08/29/13 23:16	50
tert-Butylbenzene	<9.6		70	9.6	ug/Kg	☼	08/20/13 13:20	08/29/13 23:16	50
Tetrachloroethene	<12		70	12	ug/Kg	☼	08/20/13 13:20	08/29/13 23:16	50
Toluene	<8.1		18	8.1	ug/Kg	☼	08/20/13 13:20	08/29/13 23:16	50
trans-1,2-Dichloroethene	<18		70	18	ug/Kg	☼	08/20/13 13:20	08/29/13 23:16	50
trans-1,3-Dichloropropene	<15		70	15	ug/Kg	☼	08/20/13 13:20	08/29/13 23:16	50
Trichloroethene	<13		35	13	ug/Kg	☼	08/20/13 13:20	08/29/13 23:16	50
Trichlorofluoromethane	<29		140	29	ug/Kg	☼	08/20/13 13:20	08/29/13 23:16	50
Vinyl chloride	<7.3		18	7.3	ug/Kg	☼	08/20/13 13:20	08/29/13 23:16	50
Xylenes, Total	<4.8		35	4.8	ug/Kg	☼	08/20/13 13:20	08/29/13 23:16	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		75 - 125				08/20/13 13:20	08/29/13 23:16	50
4-Bromofluorobenzene (Surr)	97		75 - 120				08/20/13 13:20	08/29/13 23:16	50
Dibromofluoromethane	87		75 - 120				08/20/13 13:20	08/29/13 23:16	50
Toluene-d8 (Surr)	93		75 - 120				08/20/13 13:20	08/29/13 23:16	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	3600		190	96	ug/Kg	☼	08/30/13 20:36	09/04/13 22:15	5
2-Methylnaphthalene	4700		970	250	ug/Kg	☼	08/30/13 20:36	09/04/13 22:15	5
Acenaphthylene	200		190	44	ug/Kg	☼	08/30/13 20:36	09/04/13 22:15	5
Benzo[g,h,i]perylene	13000		190	65	ug/Kg	☼	08/30/13 20:36	09/04/13 22:15	5
Benzo[k]fluoranthene	8400		190	46	ug/Kg	☼	08/30/13 20:36	09/04/13 22:15	5
Dibenz(a,h)anthracene	6900		190	54	ug/Kg	☼	08/30/13 20:36	09/04/13 22:15	5
Indeno[1,2,3-cd]pyrene	11000		190	65	ug/Kg	☼	08/30/13 20:36	09/04/13 22:15	5
Naphthalene	8500		190	37	ug/Kg	☼	08/30/13 20:36	09/04/13 22:15	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	54		25 - 119				08/30/13 20:36	09/04/13 22:15	5
Nitrobenzene-d5 (Surr)	36		25 - 115				08/30/13 20:36	09/04/13 22:15	5
Terphenyl-d14 (Surr)	96		36 - 134				08/30/13 20:36	09/04/13 22:15	5

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	21000		1900	580	ug/Kg	☼	08/30/13 20:36	09/05/13 21:39	50
Anthracene	45000		1900	450	ug/Kg	☼	08/30/13 20:36	09/05/13 21:39	50
Benzo[a]anthracene	46000		1900	400	ug/Kg	☼	08/30/13 20:36	09/05/13 21:39	50
Benzo[a]pyrene	30000		1900	350	ug/Kg	☼	08/30/13 20:36	09/05/13 21:39	50
Benzo[b]fluoranthene	37000		1900	370	ug/Kg	☼	08/30/13 20:36	09/05/13 21:39	50
Chrysene	37000		1900	440	ug/Kg	☼	08/30/13 20:36	09/05/13 21:39	50
Fluoranthene	120000		1900	790	ug/Kg	☼	08/30/13 20:36	09/05/13 21:39	50
Fluorene	31000		1900	440	ug/Kg	☼	08/30/13 20:36	09/05/13 21:39	50
Phenanthrene	130000		1900	810	ug/Kg	☼	08/30/13 20:36	09/05/13 21:39	50
Pyrene	85000		1900	700	ug/Kg	☼	08/30/13 20:36	09/05/13 21:39	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	0	D	25 - 119				08/30/13 20:36	09/05/13 21:39	50
Nitrobenzene-d5 (Surr)	0	D	25 - 115				08/30/13 20:36	09/05/13 21:39	50
Terphenyl-d14 (Surr)	0	D	36 - 134				08/30/13 20:36	09/05/13 21:39	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-121 4-6'

Lab Sample ID: 500-61811-14

Date Collected: 08/20/13 13:20

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 83.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<7.0		20	7.0	ug/Kg	☼	08/30/13 18:19	09/04/13 13:33	1
PCB-1221	<8.7		20	8.7	ug/Kg	☼	08/30/13 18:19	09/04/13 13:33	1
PCB-1232	<8.6		20	8.6	ug/Kg	☼	08/30/13 18:19	09/04/13 13:33	1
PCB-1242	<6.5		20	6.5	ug/Kg	☼	08/30/13 18:19	09/04/13 13:33	1
PCB-1248	<7.8		20	7.8	ug/Kg	☼	08/30/13 18:19	09/04/13 13:33	1
PCB-1254	<4.3		20	4.3	ug/Kg	☼	08/30/13 18:19	09/04/13 13:33	1
PCB-1260	<9.7		20	9.7	ug/Kg	☼	08/30/13 18:19	09/04/13 13:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>Tetrachloro-m-xylene</i>	59		50 - 116				08/30/13 18:19	09/04/13 13:33	1
<i>DCB Decachlorobiphenyl</i>	73		48 - 142				08/30/13 18:19	09/04/13 13:33	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-121 10-11'

Lab Sample ID: 500-61811-15

Date Collected: 08/20/13 13:30

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 87.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<22		130	22	ug/Kg	*	08/20/13 13:30	08/29/13 23:40	50
1,1,1-Trichloroethane	<13		64	13	ug/Kg	*	08/20/13 13:30	08/29/13 23:40	50
1,1,2,2-Tetrachloroethane	<15		64	15	ug/Kg	*	08/20/13 13:30	08/29/13 23:40	50
1,1,2-Trichloroethane	<18		64	18	ug/Kg	*	08/20/13 13:30	08/29/13 23:40	50
1,1-Dichloroethane	<12		64	12	ug/Kg	*	08/20/13 13:30	08/29/13 23:40	50
1,1-Dichloroethene	<20		64	20	ug/Kg	*	08/20/13 13:30	08/29/13 23:40	50
1,1-Dichloropropene	<22		64	22	ug/Kg	*	08/20/13 13:30	08/29/13 23:40	50
1,2,3-Trichlorobenzene	<22		130	22	ug/Kg	*	08/20/13 13:30	08/29/13 23:40	50
1,2,3-Trichloropropane	<37		130	37	ug/Kg	*	08/20/13 13:30	08/29/13 23:40	50
1,2,4-Trichlorobenzene	<24		130	24	ug/Kg	*	08/20/13 13:30	08/29/13 23:40	50
1,2,4-Trimethylbenzene	<13		130	13	ug/Kg	*	08/20/13 13:30	08/29/13 23:40	50
1,2-Dibromo-3-Chloropropane	<55		130	55	ug/Kg	*	08/20/13 13:30	08/29/13 23:40	50
1,2-Dibromoethane	<20		130	20	ug/Kg	*	08/20/13 13:30	08/29/13 23:40	50
1,2-Dichlorobenzene	<13		130	13	ug/Kg	*	08/20/13 13:30	08/29/13 23:40	50
1,2-Dichloroethane	<18		64	18	ug/Kg	*	08/20/13 13:30	08/29/13 23:40	50
1,2-Dichloropropane	<12		64	12	ug/Kg	*	08/20/13 13:30	08/29/13 23:40	50
1,3,5-Trimethylbenzene	<13		130	13	ug/Kg	*	08/20/13 13:30	08/29/13 23:40	50
1,3-Dichlorobenzene	<16		130	16	ug/Kg	*	08/20/13 13:30	08/29/13 23:40	50
1,3-Dichloropropane	<8.5		64	8.5	ug/Kg	*	08/20/13 13:30	08/29/13 23:40	50
1,4-Dichlorobenzene	<11		130	11	ug/Kg	*	08/20/13 13:30	08/29/13 23:40	50
2,2-Dichloropropane	<20		64	20	ug/Kg	*	08/20/13 13:30	08/29/13 23:40	50
2-Chlorotoluene	<13		64	13	ug/Kg	*	08/20/13 13:30	08/29/13 23:40	50
4-Chlorotoluene	<13		64	13	ug/Kg	*	08/20/13 13:30	08/29/13 23:40	50
Benzene	<4.7		16	4.7	ug/Kg	*	08/20/13 13:30	08/29/13 23:40	50
Bromobenzene	<27		130	27	ug/Kg	*	08/20/13 13:30	08/29/13 23:40	50
Bromochloromethane	<24		130	24	ug/Kg	*	08/20/13 13:30	08/29/13 23:40	50
Bromodichloromethane	<22		130	22	ug/Kg	*	08/20/13 13:30	08/29/13 23:40	50
Bromoform	<28		130	28	ug/Kg	*	08/20/13 13:30	08/29/13 23:40	50
Bromomethane	<43		130	43	ug/Kg	*	08/20/13 13:30	08/29/13 23:40	50
Carbon tetrachloride	<16		64	16	ug/Kg	*	08/20/13 13:30	08/29/13 23:40	50
Chlorobenzene	<9.1		64	9.1	ug/Kg	*	08/20/13 13:30	08/29/13 23:40	50
Chloroethane	<28		130	28	ug/Kg	*	08/20/13 13:30	08/29/13 23:40	50
Chloroform	<13		64	13	ug/Kg	*	08/20/13 13:30	08/29/13 23:40	50
Chloromethane	<29		130	29	ug/Kg	*	08/20/13 13:30	08/29/13 23:40	50
cis-1,2-Dichloroethene	<7.8		64	7.8	ug/Kg	*	08/20/13 13:30	08/29/13 23:40	50
cis-1,3-Dichloropropene	<11		64	11	ug/Kg	*	08/20/13 13:30	08/29/13 23:40	50
Dibromochloromethane	<22		130	22	ug/Kg	*	08/20/13 13:30	08/29/13 23:40	50
Dibromomethane	<31		130	31	ug/Kg	*	08/20/13 13:30	08/29/13 23:40	50
Dichlorodifluoromethane	<33		130	33	ug/Kg	*	08/20/13 13:30	08/29/13 23:40	50
Ethylbenzene	<8.0		16	8.0	ug/Kg	*	08/20/13 13:30	08/29/13 23:40	50
Hexachlorobutadiene	<22		130	22	ug/Kg	*	08/20/13 13:30	08/29/13 23:40	50
Isopropyl ether	<9.4		130	9.4	ug/Kg	*	08/20/13 13:30	08/29/13 23:40	50
Isopropylbenzene	<16		130	16	ug/Kg	*	08/20/13 13:30	08/29/13 23:40	50
Methyl tert-butyl ether	<27		130	27	ug/Kg	*	08/20/13 13:30	08/29/13 23:40	50
Methylene Chloride	<43		320	43	ug/Kg	*	08/20/13 13:30	08/29/13 23:40	50
Naphthalene	<31		130	31	ug/Kg	*	08/20/13 13:30	08/29/13 23:40	50
n-Butylbenzene	<8.2		64	8.2	ug/Kg	*	08/20/13 13:30	08/29/13 23:40	50
N-Propylbenzene	<11		130	11	ug/Kg	*	08/20/13 13:30	08/29/13 23:40	50
p-Isopropyltoluene	<12		130	12	ug/Kg	*	08/20/13 13:30	08/29/13 23:40	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-121 10-11'

Lab Sample ID: 500-61811-15

Date Collected: 08/20/13 13:30

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 87.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<9.8		64	9.8	ug/Kg	☼	08/20/13 13:30	08/29/13 23:40	50
Styrene	<6.3		64	6.3	ug/Kg	☼	08/20/13 13:30	08/29/13 23:40	50
tert-Butylbenzene	<8.7		64	8.7	ug/Kg	☼	08/20/13 13:30	08/29/13 23:40	50
Tetrachloroethene	<11		64	11	ug/Kg	☼	08/20/13 13:30	08/29/13 23:40	50
Toluene	<7.3		16	7.3	ug/Kg	☼	08/20/13 13:30	08/29/13 23:40	50
trans-1,2-Dichloroethene	<16		64	16	ug/Kg	☼	08/20/13 13:30	08/29/13 23:40	50
trans-1,3-Dichloropropene	<13		64	13	ug/Kg	☼	08/20/13 13:30	08/29/13 23:40	50
Trichloroethene	<12		32	12	ug/Kg	☼	08/20/13 13:30	08/29/13 23:40	50
Trichlorofluoromethane	<26		130	26	ug/Kg	☼	08/20/13 13:30	08/29/13 23:40	50
Vinyl chloride	<6.6		16	6.6	ug/Kg	☼	08/20/13 13:30	08/29/13 23:40	50
Xylenes, Total	<4.4		32	4.4	ug/Kg	☼	08/20/13 13:30	08/29/13 23:40	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93		75 - 125				08/20/13 13:30	08/29/13 23:40	50
4-Bromofluorobenzene (Surr)	94		75 - 120				08/20/13 13:30	08/29/13 23:40	50
Dibromofluoromethane	86		75 - 120				08/20/13 13:30	08/29/13 23:40	50
Toluene-d8 (Surr)	92		75 - 120				08/20/13 13:30	08/29/13 23:40	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<18		36	18	ug/Kg	☼	08/30/13 20:36	09/04/13 22:34	1
2-Methylnaphthalene	<48		180	48	ug/Kg	☼	08/30/13 20:36	09/04/13 22:34	1
Acenaphthene	<11		36	11	ug/Kg	☼	08/30/13 20:36	09/04/13 22:34	1
Acenaphthylene	9.9	J	36	8.4	ug/Kg	☼	08/30/13 20:36	09/04/13 22:34	1
Anthracene	12	J	36	8.6	ug/Kg	☼	08/30/13 20:36	09/04/13 22:34	1
Benzo[a]anthracene	31	J	36	7.7	ug/Kg	☼	08/30/13 20:36	09/04/13 22:34	1
Benzo[a]pyrene	76		36	6.7	ug/Kg	☼	08/30/13 20:36	09/04/13 22:34	1
Benzo[b]fluoranthene	92		36	7.1	ug/Kg	☼	08/30/13 20:36	09/04/13 22:34	1
Benzo[g,h,i]perylene	71		36	12	ug/Kg	☼	08/30/13 20:36	09/04/13 22:34	1
Benzo[k]fluoranthene	39		36	8.7	ug/Kg	☼	08/30/13 20:36	09/04/13 22:34	1
Chrysene	29	J	36	8.3	ug/Kg	☼	08/30/13 20:36	09/04/13 22:34	1
Dibenz(a,h)anthracene	23	J	36	10	ug/Kg	☼	08/30/13 20:36	09/04/13 22:34	1
Fluoranthene	23	J	36	15	ug/Kg	☼	08/30/13 20:36	09/04/13 22:34	1
Fluorene	<8.3		36	8.3	ug/Kg	☼	08/30/13 20:36	09/04/13 22:34	1
Indeno[1,2,3-cd]pyrene	51		36	12	ug/Kg	☼	08/30/13 20:36	09/04/13 22:34	1
Naphthalene	<7.1		36	7.1	ug/Kg	☼	08/30/13 20:36	09/04/13 22:34	1
Phenanthrene	<15		36	15	ug/Kg	☼	08/30/13 20:36	09/04/13 22:34	1
Pyrene	24	J	36	13	ug/Kg	☼	08/30/13 20:36	09/04/13 22:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	30		25 - 119				08/30/13 20:36	09/04/13 22:34	1
Nitrobenzene-d5 (Surr)	21	X	25 - 115				08/30/13 20:36	09/04/13 22:34	1
Terphenyl-d14 (Surr)	49		36 - 134				08/30/13 20:36	09/04/13 22:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<6.7		19	6.7	ug/Kg	☼	08/30/13 18:19	09/04/13 13:46	1
PCB-1221	<8.4		19	8.4	ug/Kg	☼	08/30/13 18:19	09/04/13 13:46	1
PCB-1232	<8.3		19	8.3	ug/Kg	☼	08/30/13 18:19	09/04/13 13:46	1
PCB-1242	<6.3		19	6.3	ug/Kg	☼	08/30/13 18:19	09/04/13 13:46	1

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-121 10-11'

Lab Sample ID: 500-61811-15

Date Collected: 08/20/13 13:30

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 87.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	<7.5		19	7.5	ug/Kg	☼	08/30/13 18:19	09/04/13 13:46	1
PCB-1254	<4.1		19	4.1	ug/Kg	☼	08/30/13 18:19	09/04/13 13:46	1
PCB-1260	<9.3		19	9.3	ug/Kg	☼	08/30/13 18:19	09/04/13 13:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	62		50 - 116	08/30/13 18:19	09/04/13 13:46	1
DCB Decachlorobiphenyl	81		48 - 142	08/30/13 18:19	09/04/13 13:46	1

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-121 13-15'

Lab Sample ID: 500-61811-16

Date Collected: 08/20/13 13:40

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 86.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<22		130	22	ug/Kg	*	08/20/13 13:40	08/30/13 00:05	50
1,1,1-Trichloroethane	<13		64	13	ug/Kg	*	08/20/13 13:40	08/30/13 00:05	50
1,1,2,2-Tetrachloroethane	<15		64	15	ug/Kg	*	08/20/13 13:40	08/30/13 00:05	50
1,1,2-Trichloroethane	<18		64	18	ug/Kg	*	08/20/13 13:40	08/30/13 00:05	50
1,1-Dichloroethane	<12		64	12	ug/Kg	*	08/20/13 13:40	08/30/13 00:05	50
1,1-Dichloroethene	<20		64	20	ug/Kg	*	08/20/13 13:40	08/30/13 00:05	50
1,1-Dichloropropene	<22		64	22	ug/Kg	*	08/20/13 13:40	08/30/13 00:05	50
1,2,3-Trichlorobenzene	<22		130	22	ug/Kg	*	08/20/13 13:40	08/30/13 00:05	50
1,2,3-Trichloropropane	<37		130	37	ug/Kg	*	08/20/13 13:40	08/30/13 00:05	50
1,2,4-Trichlorobenzene	<24		130	24	ug/Kg	*	08/20/13 13:40	08/30/13 00:05	50
1,2,4-Trimethylbenzene	<14		130	14	ug/Kg	*	08/20/13 13:40	08/30/13 00:05	50
1,2-Dibromo-3-Chloropropane	<56		130	56	ug/Kg	*	08/20/13 13:40	08/30/13 00:05	50
1,2-Dibromoethane	<20		130	20	ug/Kg	*	08/20/13 13:40	08/30/13 00:05	50
1,2-Dichlorobenzene	<13		130	13	ug/Kg	*	08/20/13 13:40	08/30/13 00:05	50
1,2-Dichloroethane	<18		64	18	ug/Kg	*	08/20/13 13:40	08/30/13 00:05	50
1,2-Dichloropropane	<13		64	13	ug/Kg	*	08/20/13 13:40	08/30/13 00:05	50
1,3,5-Trimethylbenzene	<13		130	13	ug/Kg	*	08/20/13 13:40	08/30/13 00:05	50
1,3-Dichlorobenzene	<16		130	16	ug/Kg	*	08/20/13 13:40	08/30/13 00:05	50
1,3-Dichloropropane	<8.6		64	8.6	ug/Kg	*	08/20/13 13:40	08/30/13 00:05	50
1,4-Dichlorobenzene	<11		130	11	ug/Kg	*	08/20/13 13:40	08/30/13 00:05	50
2,2-Dichloropropane	<20		64	20	ug/Kg	*	08/20/13 13:40	08/30/13 00:05	50
2-Chlorotoluene	<13		64	13	ug/Kg	*	08/20/13 13:40	08/30/13 00:05	50
4-Chlorotoluene	<13		64	13	ug/Kg	*	08/20/13 13:40	08/30/13 00:05	50
Benzene	<4.8		16	4.8	ug/Kg	*	08/20/13 13:40	08/30/13 00:05	50
Bromobenzene	<27		130	27	ug/Kg	*	08/20/13 13:40	08/30/13 00:05	50
Bromochloromethane	<24		130	24	ug/Kg	*	08/20/13 13:40	08/30/13 00:05	50
Bromodichloromethane	<22		130	22	ug/Kg	*	08/20/13 13:40	08/30/13 00:05	50
Bromoform	<28		130	28	ug/Kg	*	08/20/13 13:40	08/30/13 00:05	50
Bromomethane	<44		130	44	ug/Kg	*	08/20/13 13:40	08/30/13 00:05	50
Carbon tetrachloride	<16		64	16	ug/Kg	*	08/20/13 13:40	08/30/13 00:05	50
Chlorobenzene	<9.2		64	9.2	ug/Kg	*	08/20/13 13:40	08/30/13 00:05	50
Chloroethane	<28		130	28	ug/Kg	*	08/20/13 13:40	08/30/13 00:05	50
Chloroform	<13		64	13	ug/Kg	*	08/20/13 13:40	08/30/13 00:05	50
Chloromethane	<30		130	30	ug/Kg	*	08/20/13 13:40	08/30/13 00:05	50
cis-1,2-Dichloroethene	<7.9		64	7.9	ug/Kg	*	08/20/13 13:40	08/30/13 00:05	50
cis-1,3-Dichloropropene	<11		64	11	ug/Kg	*	08/20/13 13:40	08/30/13 00:05	50
Dibromochloromethane	<22		130	22	ug/Kg	*	08/20/13 13:40	08/30/13 00:05	50
Dibromomethane	<31		130	31	ug/Kg	*	08/20/13 13:40	08/30/13 00:05	50
Dichlorodifluoromethane	<33		130	33	ug/Kg	*	08/20/13 13:40	08/30/13 00:05	50
Ethylbenzene	<8.1		16	8.1	ug/Kg	*	08/20/13 13:40	08/30/13 00:05	50
Hexachlorobutadiene	<22		130	22	ug/Kg	*	08/20/13 13:40	08/30/13 00:05	50
Isopropyl ether	<9.4		130	9.4	ug/Kg	*	08/20/13 13:40	08/30/13 00:05	50
Isopropylbenzene	<16		130	16	ug/Kg	*	08/20/13 13:40	08/30/13 00:05	50
Methyl tert-butyl ether	<28		130	28	ug/Kg	*	08/20/13 13:40	08/30/13 00:05	50
Methylene Chloride	<44		320	44	ug/Kg	*	08/20/13 13:40	08/30/13 00:05	50
Naphthalene	<32		130	32	ug/Kg	*	08/20/13 13:40	08/30/13 00:05	50
n-Butylbenzene	<8.3		64	8.3	ug/Kg	*	08/20/13 13:40	08/30/13 00:05	50
N-Propylbenzene	<11		130	11	ug/Kg	*	08/20/13 13:40	08/30/13 00:05	50
p-Isopropyltoluene	<12		130	12	ug/Kg	*	08/20/13 13:40	08/30/13 00:05	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-121 13-15'

Lab Sample ID: 500-61811-16

Date Collected: 08/20/13 13:40

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 86.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<9.9		64	9.9	ug/Kg	☼	08/20/13 13:40	08/30/13 00:05	50
Styrene	<6.3		64	6.3	ug/Kg	☼	08/20/13 13:40	08/30/13 00:05	50
tert-Butylbenzene	<8.7		64	8.7	ug/Kg	☼	08/20/13 13:40	08/30/13 00:05	50
Tetrachloroethene	<11		64	11	ug/Kg	☼	08/20/13 13:40	08/30/13 00:05	50
Toluene	<7.4		16	7.4	ug/Kg	☼	08/20/13 13:40	08/30/13 00:05	50
trans-1,2-Dichloroethene	<16		64	16	ug/Kg	☼	08/20/13 13:40	08/30/13 00:05	50
trans-1,3-Dichloropropene	<13		64	13	ug/Kg	☼	08/20/13 13:40	08/30/13 00:05	50
Trichloroethene	<12		32	12	ug/Kg	☼	08/20/13 13:40	08/30/13 00:05	50
Trichlorofluoromethane	<27		130	27	ug/Kg	☼	08/20/13 13:40	08/30/13 00:05	50
Vinyl chloride	<6.7		16	6.7	ug/Kg	☼	08/20/13 13:40	08/30/13 00:05	50
Xylenes, Total	<4.4		32	4.4	ug/Kg	☼	08/20/13 13:40	08/30/13 00:05	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		75 - 125				08/20/13 13:40	08/30/13 00:05	50
4-Bromofluorobenzene (Surr)	95		75 - 120				08/20/13 13:40	08/30/13 00:05	50
Dibromofluoromethane	86		75 - 120				08/20/13 13:40	08/30/13 00:05	50
Toluene-d8 (Surr)	94		75 - 120				08/20/13 13:40	08/30/13 00:05	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<19		37	19	ug/Kg	☼	08/30/13 20:36	09/04/13 22:53	1
2-Methylnaphthalene	<48		190	48	ug/Kg	☼	08/30/13 20:36	09/04/13 22:53	1
Acenaphthene	<11		37	11	ug/Kg	☼	08/30/13 20:36	09/04/13 22:53	1
Acenaphthylene	11	J	37	8.6	ug/Kg	☼	08/30/13 20:36	09/04/13 22:53	1
Anthracene	9.8	J	37	8.8	ug/Kg	☼	08/30/13 20:36	09/04/13 22:53	1
Benzo[a]anthracene	40		37	7.8	ug/Kg	☼	08/30/13 20:36	09/04/13 22:53	1
Benzo[a]pyrene	70		37	6.8	ug/Kg	☼	08/30/13 20:36	09/04/13 22:53	1
Benzo[b]fluoranthene	81		37	7.2	ug/Kg	☼	08/30/13 20:36	09/04/13 22:53	1
Benzo[g,h,i]perylene	75		37	13	ug/Kg	☼	08/30/13 20:36	09/04/13 22:53	1
Benzo[k]fluoranthene	47		37	8.9	ug/Kg	☼	08/30/13 20:36	09/04/13 22:53	1
Chrysene	46		37	8.4	ug/Kg	☼	08/30/13 20:36	09/04/13 22:53	1
Dibenz(a,h)anthracene	27	J	37	10	ug/Kg	☼	08/30/13 20:36	09/04/13 22:53	1
Fluoranthene	44		37	15	ug/Kg	☼	08/30/13 20:36	09/04/13 22:53	1
Fluorene	<8.5		37	8.5	ug/Kg	☼	08/30/13 20:36	09/04/13 22:53	1
Indeno[1,2,3-cd]pyrene	53		37	13	ug/Kg	☼	08/30/13 20:36	09/04/13 22:53	1
Naphthalene	<7.2		37	7.2	ug/Kg	☼	08/30/13 20:36	09/04/13 22:53	1
Phenanthrene	21	J	37	16	ug/Kg	☼	08/30/13 20:36	09/04/13 22:53	1
Pyrene	46		37	13	ug/Kg	☼	08/30/13 20:36	09/04/13 22:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	38		25 - 119				08/30/13 20:36	09/04/13 22:53	1
Nitrobenzene-d5 (Surr)	37		25 - 115				08/30/13 20:36	09/04/13 22:53	1
Terphenyl-d14 (Surr)	56		36 - 134				08/30/13 20:36	09/04/13 22:53	1

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-122 0-2'

Lab Sample ID: 500-61811-17

Date Collected: 08/20/13 11:30

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 87.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<22		130	22	ug/Kg	☼	08/20/13 11:30	08/30/13 00:30	50
1,1,1-Trichloroethane	<13		63	13	ug/Kg	☼	08/20/13 11:30	08/30/13 00:30	50
1,1,1,2,2-Tetrachloroethane	<15		63	15	ug/Kg	☼	08/20/13 11:30	08/30/13 00:30	50
1,1,1,2-Trichloroethane	<18		63	18	ug/Kg	☼	08/20/13 11:30	08/30/13 00:30	50
1,1-Dichloroethane	<12		63	12	ug/Kg	☼	08/20/13 11:30	08/30/13 00:30	50
1,1-Dichloroethene	<19		63	19	ug/Kg	☼	08/20/13 11:30	08/30/13 00:30	50
1,1-Dichloropropene	<22		63	22	ug/Kg	☼	08/20/13 11:30	08/30/13 00:30	50
1,2,3-Trichlorobenzene	<22		130	22	ug/Kg	☼	08/20/13 11:30	08/30/13 00:30	50
1,2,3-Trichloropropane	<36		130	36	ug/Kg	☼	08/20/13 11:30	08/30/13 00:30	50
1,2,4-Trichlorobenzene	<24		130	24	ug/Kg	☼	08/20/13 11:30	08/30/13 00:30	50
1,2,4-Trimethylbenzene	<13		130	13	ug/Kg	☼	08/20/13 11:30	08/30/13 00:30	50
1,2-Dibromo-3-Chloropropane	<55		130	55	ug/Kg	☼	08/20/13 11:30	08/30/13 00:30	50
1,2-Dibromoethane	<20		130	20	ug/Kg	☼	08/20/13 11:30	08/30/13 00:30	50
1,2-Dichlorobenzene	<13		130	13	ug/Kg	☼	08/20/13 11:30	08/30/13 00:30	50
1,2-Dichloroethane	<18		63	18	ug/Kg	☼	08/20/13 11:30	08/30/13 00:30	50
1,2-Dichloropropane	<12		63	12	ug/Kg	☼	08/20/13 11:30	08/30/13 00:30	50
1,3,5-Trimethylbenzene	<13		130	13	ug/Kg	☼	08/20/13 11:30	08/30/13 00:30	50
1,3-Dichlorobenzene	<16		130	16	ug/Kg	☼	08/20/13 11:30	08/30/13 00:30	50
1,3-Dichloropropane	<8.5		63	8.5	ug/Kg	☼	08/20/13 11:30	08/30/13 00:30	50
1,4-Dichlorobenzene	<11		130	11	ug/Kg	☼	08/20/13 11:30	08/30/13 00:30	50
2,2-Dichloropropane	<20		63	20	ug/Kg	☼	08/20/13 11:30	08/30/13 00:30	50
2-Chlorotoluene	<13		63	13	ug/Kg	☼	08/20/13 11:30	08/30/13 00:30	50
4-Chlorotoluene	<12		63	12	ug/Kg	☼	08/20/13 11:30	08/30/13 00:30	50
Benzene	<4.7		16	4.7	ug/Kg	☼	08/20/13 11:30	08/30/13 00:30	50
Bromobenzene	<27		130	27	ug/Kg	☼	08/20/13 11:30	08/30/13 00:30	50
Bromochloromethane	<24		130	24	ug/Kg	☼	08/20/13 11:30	08/30/13 00:30	50
Bromodichloromethane	<21		130	21	ug/Kg	☼	08/20/13 11:30	08/30/13 00:30	50
Bromoform	<28		130	28	ug/Kg	☼	08/20/13 11:30	08/30/13 00:30	50
Bromomethane	<43		130	43	ug/Kg	☼	08/20/13 11:30	08/30/13 00:30	50
Carbon tetrachloride	<16		63	16	ug/Kg	☼	08/20/13 11:30	08/30/13 00:30	50
Chlorobenzene	<9.0		63	9.0	ug/Kg	☼	08/20/13 11:30	08/30/13 00:30	50
Chloroethane	<27		130	27	ug/Kg	☼	08/20/13 11:30	08/30/13 00:30	50
Chloroform	<13		63	13	ug/Kg	☼	08/20/13 11:30	08/30/13 00:30	50
Chloromethane	<29		130	29	ug/Kg	☼	08/20/13 11:30	08/30/13 00:30	50
cis-1,2-Dichloroethene	<7.8		63	7.8	ug/Kg	☼	08/20/13 11:30	08/30/13 00:30	50
cis-1,3-Dichloropropene	<11		63	11	ug/Kg	☼	08/20/13 11:30	08/30/13 00:30	50
Dibromochloromethane	<22		130	22	ug/Kg	☼	08/20/13 11:30	08/30/13 00:30	50
Dibromomethane	<30		130	30	ug/Kg	☼	08/20/13 11:30	08/30/13 00:30	50
Dichlorodifluoromethane	<32		130	32	ug/Kg	☼	08/20/13 11:30	08/30/13 00:30	50
Ethylbenzene	<8.0		16	8.0	ug/Kg	☼	08/20/13 11:30	08/30/13 00:30	50
Hexachlorobutadiene	<22		130	22	ug/Kg	☼	08/20/13 11:30	08/30/13 00:30	50
Isopropyl ether	<9.3		130	9.3	ug/Kg	☼	08/20/13 11:30	08/30/13 00:30	50
Isopropylbenzene	<16		130	16	ug/Kg	☼	08/20/13 11:30	08/30/13 00:30	50
Methyl tert-butyl ether	<27		130	27	ug/Kg	☼	08/20/13 11:30	08/30/13 00:30	50
Methylene Chloride	<43		320	43	ug/Kg	☼	08/20/13 11:30	08/30/13 00:30	50
Naphthalene	190		130	31	ug/Kg	☼	08/20/13 11:30	08/30/13 00:30	50
n-Butylbenzene	<8.1		63	8.1	ug/Kg	☼	08/20/13 11:30	08/30/13 00:30	50
N-Propylbenzene	<11		130	11	ug/Kg	☼	08/20/13 11:30	08/30/13 00:30	50
p-Isopropyltoluene	<12		130	12	ug/Kg	☼	08/20/13 11:30	08/30/13 00:30	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-122 0-2'

Lab Sample ID: 500-61811-17

Date Collected: 08/20/13 11:30

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 87.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<9.7		63	9.7	ug/Kg	☼	08/20/13 11:30	08/30/13 00:30	50
Styrene	<6.2		63	6.2	ug/Kg	☼	08/20/13 11:30	08/30/13 00:30	50
tert-Butylbenzene	<8.6		63	8.6	ug/Kg	☼	08/20/13 11:30	08/30/13 00:30	50
Tetrachloroethene	<11		63	11	ug/Kg	☼	08/20/13 11:30	08/30/13 00:30	50
Toluene	<7.3		16	7.3	ug/Kg	☼	08/20/13 11:30	08/30/13 00:30	50
trans-1,2-Dichloroethene	<16		63	16	ug/Kg	☼	08/20/13 11:30	08/30/13 00:30	50
trans-1,3-Dichloropropene	<13		63	13	ug/Kg	☼	08/20/13 11:30	08/30/13 00:30	50
Trichloroethene	<12		32	12	ug/Kg	☼	08/20/13 11:30	08/30/13 00:30	50
Trichlorofluoromethane	<26		130	26	ug/Kg	☼	08/20/13 11:30	08/30/13 00:30	50
Vinyl chloride	<6.6		16	6.6	ug/Kg	☼	08/20/13 11:30	08/30/13 00:30	50
Xylenes, Total	<4.3		32	4.3	ug/Kg	☼	08/20/13 11:30	08/30/13 00:30	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		75 - 125				08/20/13 11:30	08/30/13 00:30	50
4-Bromofluorobenzene (Surr)	95		75 - 120				08/20/13 11:30	08/30/13 00:30	50
Dibromofluoromethane	88		75 - 120				08/20/13 11:30	08/30/13 00:30	50
Toluene-d8 (Surr)	90		75 - 120				08/20/13 11:30	08/30/13 00:30	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	41		37	19	ug/Kg	☼	08/30/13 20:36	09/04/13 23:12	1
2-Methylnaphthalene	<48		190	48	ug/Kg	☼	08/30/13 20:36	09/04/13 23:12	1
Acenaphthene	290		37	11	ug/Kg	☼	08/30/13 20:36	09/04/13 23:12	1
Acenaphthylene	300		37	8.6	ug/Kg	☼	08/30/13 20:36	09/04/13 23:12	1
Anthracene	800		37	8.8	ug/Kg	☼	08/30/13 20:36	09/04/13 23:12	1
Benzo[a]pyrene	2600		37	6.8	ug/Kg	☼	08/30/13 20:36	09/04/13 23:12	1
Benzo[g,h,i]perylene	2000		37	13	ug/Kg	☼	08/30/13 20:36	09/04/13 23:12	1
Benzo[k]fluoranthene	1100		37	8.9	ug/Kg	☼	08/30/13 20:36	09/04/13 23:12	1
Dibenz(a,h)anthracene	1000		37	10	ug/Kg	☼	08/30/13 20:36	09/04/13 23:12	1
Fluorene	320		37	8.5	ug/Kg	☼	08/30/13 20:36	09/04/13 23:12	1
Indeno[1,2,3-cd]pyrene	1700		37	13	ug/Kg	☼	08/30/13 20:36	09/04/13 23:12	1
Naphthalene	94		37	7.2	ug/Kg	☼	08/30/13 20:36	09/04/13 23:12	1
Phenanthrene	2300		37	16	ug/Kg	☼	08/30/13 20:36	09/04/13 23:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	47		25 - 119				08/30/13 20:36	09/04/13 23:12	1
Nitrobenzene-d5 (Surr)	44		25 - 115				08/30/13 20:36	09/04/13 23:12	1
Terphenyl-d14 (Surr)	53		36 - 134				08/30/13 20:36	09/04/13 23:12	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	3200		190	39	ug/Kg	☼	08/30/13 20:36	09/05/13 21:58	5
Benzo[b]fluoranthene	5200		190	36	ug/Kg	☼	08/30/13 20:36	09/05/13 21:58	5
Chrysene	3000		190	42	ug/Kg	☼	08/30/13 20:36	09/05/13 21:58	5
Fluoranthene	5200		190	76	ug/Kg	☼	08/30/13 20:36	09/05/13 21:58	5
Pyrene	4900		190	67	ug/Kg	☼	08/30/13 20:36	09/05/13 21:58	5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<6.6		19	6.6	ug/Kg	☼	08/30/13 18:19	09/04/13 14:00	1
PCB-1221	<8.2		19	8.2	ug/Kg	☼	08/30/13 18:19	09/04/13 14:00	1

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-122 0-2'

Lab Sample ID: 500-61811-17

Date Collected: 08/20/13 11:30

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 87.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1232	<8.1		19	8.1	ug/Kg	☼	08/30/13 18:19	09/04/13 14:00	1
PCB-1242	<6.1		19	6.1	ug/Kg	☼	08/30/13 18:19	09/04/13 14:00	1
PCB-1248	<7.3		19	7.3	ug/Kg	☼	08/30/13 18:19	09/04/13 14:00	1
PCB-1254	<4.0		19	4.0	ug/Kg	☼	08/30/13 18:19	09/04/13 14:00	1
PCB-1260	<9.2		19	9.2	ug/Kg	☼	08/30/13 18:19	09/04/13 14:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro- <i>m</i> -xylene	70		50 - 116	08/30/13 18:19	09/04/13 14:00	1
DCB Decachlorobiphenyl	76		48 - 142	08/30/13 18:19	09/04/13 14:00	1

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-122 4-6'

Lab Sample ID: 500-61811-18

Date Collected: 08/20/13 11:30

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 84.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<23		130	23	ug/Kg	*	08/20/13 11:30	08/30/13 00:54	50
1,1,1-Trichloroethane	<14		67	14	ug/Kg	*	08/20/13 11:30	08/30/13 00:54	50
1,1,2,2-Tetrachloroethane	<16		67	16	ug/Kg	*	08/20/13 11:30	08/30/13 00:54	50
1,1,2-Trichloroethane	<19		67	19	ug/Kg	*	08/20/13 11:30	08/30/13 00:54	50
1,1-Dichloroethane	<12		67	12	ug/Kg	*	08/20/13 11:30	08/30/13 00:54	50
1,1-Dichloroethene	<21		67	21	ug/Kg	*	08/20/13 11:30	08/30/13 00:54	50
1,1-Dichloropropene	<23		67	23	ug/Kg	*	08/20/13 11:30	08/30/13 00:54	50
1,2,3-Trichlorobenzene	<24		130	24	ug/Kg	*	08/20/13 11:30	08/30/13 00:54	50
1,2,3-Trichloropropane	<39		130	39	ug/Kg	*	08/20/13 11:30	08/30/13 00:54	50
1,2,4-Trichlorobenzene	<25		130	25	ug/Kg	*	08/20/13 11:30	08/30/13 00:54	50
1,2,4-Trimethylbenzene	<14		130	14	ug/Kg	*	08/20/13 11:30	08/30/13 00:54	50
1,2-Dibromo-3-Chloropropane	<59		130	59	ug/Kg	*	08/20/13 11:30	08/30/13 00:54	50
1,2-Dibromoethane	<21		130	21	ug/Kg	*	08/20/13 11:30	08/30/13 00:54	50
1,2-Dichlorobenzene	<14		130	14	ug/Kg	*	08/20/13 11:30	08/30/13 00:54	50
1,2-Dichloroethane	<19		67	19	ug/Kg	*	08/20/13 11:30	08/30/13 00:54	50
1,2-Dichloropropane	<13		67	13	ug/Kg	*	08/20/13 11:30	08/30/13 00:54	50
1,3,5-Trimethylbenzene	<14		130	14	ug/Kg	*	08/20/13 11:30	08/30/13 00:54	50
1,3-Dichlorobenzene	<17		130	17	ug/Kg	*	08/20/13 11:30	08/30/13 00:54	50
1,3-Dichloropropane	<9.0		67	9.0	ug/Kg	*	08/20/13 11:30	08/30/13 00:54	50
1,4-Dichlorobenzene	<12		130	12	ug/Kg	*	08/20/13 11:30	08/30/13 00:54	50
2,2-Dichloropropane	<21		67	21	ug/Kg	*	08/20/13 11:30	08/30/13 00:54	50
2-Chlorotoluene	<14		67	14	ug/Kg	*	08/20/13 11:30	08/30/13 00:54	50
4-Chlorotoluene	<13		67	13	ug/Kg	*	08/20/13 11:30	08/30/13 00:54	50
Benzene	<5.0		17	5.0	ug/Kg	*	08/20/13 11:30	08/30/13 00:54	50
Bromobenzene	<29		130	29	ug/Kg	*	08/20/13 11:30	08/30/13 00:54	50
Bromochloromethane	<25		130	25	ug/Kg	*	08/20/13 11:30	08/30/13 00:54	50
Bromodichloromethane	<23		130	23	ug/Kg	*	08/20/13 11:30	08/30/13 00:54	50
Bromoform	<30		130	30	ug/Kg	*	08/20/13 11:30	08/30/13 00:54	50
Bromomethane	<46		130	46	ug/Kg	*	08/20/13 11:30	08/30/13 00:54	50
Carbon tetrachloride	<17		67	17	ug/Kg	*	08/20/13 11:30	08/30/13 00:54	50
Chlorobenzene	<9.6		67	9.6	ug/Kg	*	08/20/13 11:30	08/30/13 00:54	50
Chloroethane	<29		130	29	ug/Kg	*	08/20/13 11:30	08/30/13 00:54	50
Chloroform	<14		67	14	ug/Kg	*	08/20/13 11:30	08/30/13 00:54	50
Chloromethane	<31		130	31	ug/Kg	*	08/20/13 11:30	08/30/13 00:54	50
cis-1,2-Dichloroethene	<8.3		67	8.3	ug/Kg	*	08/20/13 11:30	08/30/13 00:54	50
cis-1,3-Dichloropropene	<12		67	12	ug/Kg	*	08/20/13 11:30	08/30/13 00:54	50
Dibromochloromethane	<23		130	23	ug/Kg	*	08/20/13 11:30	08/30/13 00:54	50
Dibromomethane	<32		130	32	ug/Kg	*	08/20/13 11:30	08/30/13 00:54	50
Dichlorodifluoromethane	<35		130	35	ug/Kg	*	08/20/13 11:30	08/30/13 00:54	50
Ethylbenzene	<8.5		17	8.5	ug/Kg	*	08/20/13 11:30	08/30/13 00:54	50
Hexachlorobutadiene	<23		130	23	ug/Kg	*	08/20/13 11:30	08/30/13 00:54	50
Isopropyl ether	<9.9		130	9.9	ug/Kg	*	08/20/13 11:30	08/30/13 00:54	50
Isopropylbenzene	<17		130	17	ug/Kg	*	08/20/13 11:30	08/30/13 00:54	50
Methyl tert-butyl ether	<29		130	29	ug/Kg	*	08/20/13 11:30	08/30/13 00:54	50
Methylene Chloride	<46		340	46	ug/Kg	*	08/20/13 11:30	08/30/13 00:54	50
Naphthalene	<33		130	33	ug/Kg	*	08/20/13 11:30	08/30/13 00:54	50
n-Butylbenzene	<8.7		67	8.7	ug/Kg	*	08/20/13 11:30	08/30/13 00:54	50
N-Propylbenzene	<12		130	12	ug/Kg	*	08/20/13 11:30	08/30/13 00:54	50
p-Isopropyltoluene	<12		130	12	ug/Kg	*	08/20/13 11:30	08/30/13 00:54	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-122 4-6'

Lab Sample ID: 500-61811-18

Date Collected: 08/20/13 11:30

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 84.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<10		67	10	ug/Kg	☼	08/20/13 11:30	08/30/13 00:54	50
Styrene	<6.6		67	6.6	ug/Kg	☼	08/20/13 11:30	08/30/13 00:54	50
tert-Butylbenzene	<9.1		67	9.1	ug/Kg	☼	08/20/13 11:30	08/30/13 00:54	50
Tetrachloroethene	<11		67	11	ug/Kg	☼	08/20/13 11:30	08/30/13 00:54	50
Toluene	<7.7		17	7.7	ug/Kg	☼	08/20/13 11:30	08/30/13 00:54	50
trans-1,2-Dichloroethene	<17		67	17	ug/Kg	☼	08/20/13 11:30	08/30/13 00:54	50
trans-1,3-Dichloropropene	<14		67	14	ug/Kg	☼	08/20/13 11:30	08/30/13 00:54	50
Trichloroethene	<13		34	13	ug/Kg	☼	08/20/13 11:30	08/30/13 00:54	50
Trichlorofluoromethane	<28		130	28	ug/Kg	☼	08/20/13 11:30	08/30/13 00:54	50
Vinyl chloride	<7.0		17	7.0	ug/Kg	☼	08/20/13 11:30	08/30/13 00:54	50
Xylenes, Total	<4.6		34	4.6	ug/Kg	☼	08/20/13 11:30	08/30/13 00:54	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94		75 - 125				08/20/13 11:30	08/30/13 00:54	50
4-Bromofluorobenzene (Surr)	95		75 - 120				08/20/13 11:30	08/30/13 00:54	50
Dibromofluoromethane	84		75 - 120				08/20/13 11:30	08/30/13 00:54	50
Toluene-d8 (Surr)	92		75 - 120				08/20/13 11:30	08/30/13 00:54	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	29	J	39	19	ug/Kg	☼	08/30/13 20:36	09/05/13 22:17	1
2-Methylnaphthalene	<50		200	50	ug/Kg	☼	08/30/13 20:36	09/05/13 22:17	1
Acenaphthene	2200		39	12	ug/Kg	☼	08/30/13 20:36	09/05/13 22:17	1
Acenaphthylene	200		39	8.9	ug/Kg	☼	08/30/13 20:36	09/05/13 22:17	1
Anthracene	780		39	9.1	ug/Kg	☼	08/30/13 20:36	09/05/13 22:17	1
Benzo[a]anthracene	2700		39	8.1	ug/Kg	☼	08/30/13 20:36	09/05/13 22:17	1
Benzo[a]pyrene	1500		39	7.1	ug/Kg	☼	08/30/13 20:36	09/05/13 22:17	1
Benzo[b]fluoranthene	2200		39	7.5	ug/Kg	☼	08/30/13 20:36	09/05/13 22:17	1
Benzo[g,h,i]perylene	960		39	13	ug/Kg	☼	08/30/13 20:36	09/05/13 22:17	1
Benzo[k]fluoranthene	850		39	9.3	ug/Kg	☼	08/30/13 20:36	09/05/13 22:17	1
Dibenz(a,h)anthracene	480		39	11	ug/Kg	☼	08/30/13 20:36	09/05/13 22:17	1
Fluorene	1200		39	8.8	ug/Kg	☼	08/30/13 20:36	09/05/13 22:17	1
Indeno[1,2,3-cd]pyrene	800		39	13	ug/Kg	☼	08/30/13 20:36	09/05/13 22:17	1
Naphthalene	70		39	7.5	ug/Kg	☼	08/30/13 20:36	09/05/13 22:17	1
Phenanthrene	720		39	16	ug/Kg	☼	08/30/13 20:36	09/05/13 22:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	48		25 - 119				08/30/13 20:36	09/05/13 22:17	1
Nitrobenzene-d5 (Surr)	51		25 - 115				08/30/13 20:36	09/05/13 22:17	1
Terphenyl-d14 (Surr)	53		36 - 134				08/30/13 20:36	09/05/13 22:17	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	2700		190	44	ug/Kg	☼	08/30/13 20:36	09/06/13 20:53	5
Fluoranthene	6100		190	80	ug/Kg	☼	08/30/13 20:36	09/06/13 20:53	5
Pyrene	5300		190	70	ug/Kg	☼	08/30/13 20:36	09/06/13 20:53	5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<6.6		19	6.6	ug/Kg	☼	08/30/13 18:19	09/04/13 14:13	1
PCB-1221	<8.2		19	8.2	ug/Kg	☼	08/30/13 18:19	09/04/13 14:13	1

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-122 4-6'

Lab Sample ID: 500-61811-18

Date Collected: 08/20/13 11:30

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 84.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1232	<8.1		19	8.1	ug/Kg	☼	08/30/13 18:19	09/04/13 14:13	1
PCB-1242	<6.1		19	6.1	ug/Kg	☼	08/30/13 18:19	09/04/13 14:13	1
PCB-1248	<7.3		19	7.3	ug/Kg	☼	08/30/13 18:19	09/04/13 14:13	1
PCB-1254	<4.0		19	4.0	ug/Kg	☼	08/30/13 18:19	09/04/13 14:13	1
PCB-1260	<9.1		19	9.1	ug/Kg	☼	08/30/13 18:19	09/04/13 14:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro- <i>m</i> -xylene	63		50 - 116	08/30/13 18:19	09/04/13 14:13	1
DCB Decachlorobiphenyl	75		48 - 142	08/30/13 18:19	09/04/13 14:13	1

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-122 8-10'

Lab Sample ID: 500-61811-19

Date Collected: 08/20/13 11:40

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 80.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<26		150	26	ug/Kg	☼	08/20/13 11:40	08/30/13 01:19	50
1,1,1-Trichloroethane	<15		74	15	ug/Kg	☼	08/20/13 11:40	08/30/13 01:19	50
1,1,1,2,2-Tetrachloroethane	<17		74	17	ug/Kg	☼	08/20/13 11:40	08/30/13 01:19	50
1,1,2-Trichloroethane	<21		74	21	ug/Kg	☼	08/20/13 11:40	08/30/13 01:19	50
1,1-Dichloroethane	<14		74	14	ug/Kg	☼	08/20/13 11:40	08/30/13 01:19	50
1,1-Dichloroethene	<23		74	23	ug/Kg	☼	08/20/13 11:40	08/30/13 01:19	50
1,1-Dichloropropene	<26		74	26	ug/Kg	☼	08/20/13 11:40	08/30/13 01:19	50
1,2,3-Trichlorobenzene	<26		150	26	ug/Kg	☼	08/20/13 11:40	08/30/13 01:19	50
1,2,3-Trichloropropane	<43		150	43	ug/Kg	☼	08/20/13 11:40	08/30/13 01:19	50
1,2,4-Trichlorobenzene	<28		150	28	ug/Kg	☼	08/20/13 11:40	08/30/13 01:19	50
1,2,4-Trimethylbenzene	<16		150	16	ug/Kg	☼	08/20/13 11:40	08/30/13 01:19	50
1,2-Dibromo-3-Chloropropane	<65		150	65	ug/Kg	☼	08/20/13 11:40	08/30/13 01:19	50
1,2-Dibromoethane	<23		150	23	ug/Kg	☼	08/20/13 11:40	08/30/13 01:19	50
1,2-Dichlorobenzene	<15		150	15	ug/Kg	☼	08/20/13 11:40	08/30/13 01:19	50
1,2-Dichloroethane	<21		74	21	ug/Kg	☼	08/20/13 11:40	08/30/13 01:19	50
1,2-Dichloropropane	<15		74	15	ug/Kg	☼	08/20/13 11:40	08/30/13 01:19	50
1,3,5-Trimethylbenzene	<15		150	15	ug/Kg	☼	08/20/13 11:40	08/30/13 01:19	50
1,3-Dichlorobenzene	<19		150	19	ug/Kg	☼	08/20/13 11:40	08/30/13 01:19	50
1,3-Dichloropropane	<10		74	10	ug/Kg	☼	08/20/13 11:40	08/30/13 01:19	50
1,4-Dichlorobenzene	<13		150	13	ug/Kg	☼	08/20/13 11:40	08/30/13 01:19	50
2,2-Dichloropropane	<24		74	24	ug/Kg	☼	08/20/13 11:40	08/30/13 01:19	50
2-Chlorotoluene	<15		74	15	ug/Kg	☼	08/20/13 11:40	08/30/13 01:19	50
4-Chlorotoluene	<15		74	15	ug/Kg	☼	08/20/13 11:40	08/30/13 01:19	50
Benzene	<5.5		19	5.5	ug/Kg	☼	08/20/13 11:40	08/30/13 01:19	50
Bromobenzene	<32		150	32	ug/Kg	☼	08/20/13 11:40	08/30/13 01:19	50
Bromochloromethane	<28		150	28	ug/Kg	☼	08/20/13 11:40	08/30/13 01:19	50
Bromodichloromethane	<25		150	25	ug/Kg	☼	08/20/13 11:40	08/30/13 01:19	50
Bromoform	<33		150	33	ug/Kg	☼	08/20/13 11:40	08/30/13 01:19	50
Bromomethane	<51		150	51	ug/Kg	☼	08/20/13 11:40	08/30/13 01:19	50
Carbon tetrachloride	<19		74	19	ug/Kg	☼	08/20/13 11:40	08/30/13 01:19	50
Chlorobenzene	<11		74	11	ug/Kg	☼	08/20/13 11:40	08/30/13 01:19	50
Chloroethane	<32		150	32	ug/Kg	☼	08/20/13 11:40	08/30/13 01:19	50
Chloroform	<15		74	15	ug/Kg	☼	08/20/13 11:40	08/30/13 01:19	50
Chloromethane	<34		150	34	ug/Kg	☼	08/20/13 11:40	08/30/13 01:19	50
cis-1,2-Dichloroethene	<9.2		74	9.2	ug/Kg	☼	08/20/13 11:40	08/30/13 01:19	50
cis-1,3-Dichloropropene	<13		74	13	ug/Kg	☼	08/20/13 11:40	08/30/13 01:19	50
Dibromochloromethane	<26		150	26	ug/Kg	☼	08/20/13 11:40	08/30/13 01:19	50
Dibromomethane	<36		150	36	ug/Kg	☼	08/20/13 11:40	08/30/13 01:19	50
Dichlorodifluoromethane	<38		150	38	ug/Kg	☼	08/20/13 11:40	08/30/13 01:19	50
Ethylbenzene	<9.4		19	9.4	ug/Kg	☼	08/20/13 11:40	08/30/13 01:19	50
Hexachlorobutadiene	<26		150	26	ug/Kg	☼	08/20/13 11:40	08/30/13 01:19	50
Isopropyl ether	<11		150	11	ug/Kg	☼	08/20/13 11:40	08/30/13 01:19	50
Isopropylbenzene	<19		150	19	ug/Kg	☼	08/20/13 11:40	08/30/13 01:19	50
Methyl tert-butyl ether	<32		150	32	ug/Kg	☼	08/20/13 11:40	08/30/13 01:19	50
Methylene Chloride	<51		370	51	ug/Kg	☼	08/20/13 11:40	08/30/13 01:19	50
Naphthalene	<37		150	37	ug/Kg	☼	08/20/13 11:40	08/30/13 01:19	50
n-Butylbenzene	<9.6		74	9.6	ug/Kg	☼	08/20/13 11:40	08/30/13 01:19	50
N-Propylbenzene	<13		150	13	ug/Kg	☼	08/20/13 11:40	08/30/13 01:19	50
p-Isopropyltoluene	<14		150	14	ug/Kg	☼	08/20/13 11:40	08/30/13 01:19	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-122 8-10'

Lab Sample ID: 500-61811-19

Date Collected: 08/20/13 11:40

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 80.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<11		74	11	ug/Kg	☼	08/20/13 11:40	08/30/13 01:19	50
Styrene	<7.4		74	7.4	ug/Kg	☼	08/20/13 11:40	08/30/13 01:19	50
tert-Butylbenzene	<10		74	10	ug/Kg	☼	08/20/13 11:40	08/30/13 01:19	50
Tetrachloroethene	<12		74	12	ug/Kg	☼	08/20/13 11:40	08/30/13 01:19	50
Toluene	<8.6		19	8.6	ug/Kg	☼	08/20/13 11:40	08/30/13 01:19	50
trans-1,2-Dichloroethene	<19		74	19	ug/Kg	☼	08/20/13 11:40	08/30/13 01:19	50
trans-1,3-Dichloropropene	<15		74	15	ug/Kg	☼	08/20/13 11:40	08/30/13 01:19	50
Trichloroethene	<14		37	14	ug/Kg	☼	08/20/13 11:40	08/30/13 01:19	50
Trichlorofluoromethane	<31		150	31	ug/Kg	☼	08/20/13 11:40	08/30/13 01:19	50
Vinyl chloride	<7.7		19	7.7	ug/Kg	☼	08/20/13 11:40	08/30/13 01:19	50
Xylenes, Total	<5.1		37	5.1	ug/Kg	☼	08/20/13 11:40	08/30/13 01:19	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		75 - 125				08/20/13 11:40	08/30/13 01:19	50
4-Bromofluorobenzene (Surr)	96		75 - 120				08/20/13 11:40	08/30/13 01:19	50
Dibromofluoromethane	85		75 - 120				08/20/13 11:40	08/30/13 01:19	50
Toluene-d8 (Surr)	93		75 - 120				08/20/13 11:40	08/30/13 01:19	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	73		39	19	ug/Kg	☼	08/30/13 20:36	09/05/13 22:36	1
2-Methylnaphthalene	90	J	190	50	ug/Kg	☼	08/30/13 20:36	09/05/13 22:36	1
Acenaphthene	330		39	12	ug/Kg	☼	08/30/13 20:36	09/05/13 22:36	1
Acenaphthylene	170		39	8.9	ug/Kg	☼	08/30/13 20:36	09/05/13 22:36	1
Anthracene	350		39	9.1	ug/Kg	☼	08/30/13 20:36	09/05/13 22:36	1
Benzo[a]anthracene	1300		39	8.1	ug/Kg	☼	08/30/13 20:36	09/05/13 22:36	1
Benzo[a]pyrene	1200		39	7.1	ug/Kg	☼	08/30/13 20:36	09/05/13 22:36	1
Benzo[b]fluoranthene	1700		39	7.5	ug/Kg	☼	08/30/13 20:36	09/05/13 22:36	1
Benzo[g,h,i]perylene	1000		39	13	ug/Kg	☼	08/30/13 20:36	09/05/13 22:36	1
Benzo[k]fluoranthene	500		39	9.2	ug/Kg	☼	08/30/13 20:36	09/05/13 22:36	1
Chrysene	1300		39	8.8	ug/Kg	☼	08/30/13 20:36	09/05/13 22:36	1
Dibenz(a,h)anthracene	410		39	11	ug/Kg	☼	08/30/13 20:36	09/05/13 22:36	1
Fluoranthene	2100		39	16	ug/Kg	☼	08/30/13 20:36	09/05/13 22:36	1
Fluorene	270		39	8.8	ug/Kg	☼	08/30/13 20:36	09/05/13 22:36	1
Indeno[1,2,3-cd]pyrene	790		39	13	ug/Kg	☼	08/30/13 20:36	09/05/13 22:36	1
Naphthalene	310		39	7.5	ug/Kg	☼	08/30/13 20:36	09/05/13 22:36	1
Phenanthrene	1100		39	16	ug/Kg	☼	08/30/13 20:36	09/05/13 22:36	1
Pyrene	1600		39	14	ug/Kg	☼	08/30/13 20:36	09/05/13 22:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	34		25 - 119				08/30/13 20:36	09/05/13 22:36	1
Nitrobenzene-d5 (Surr)	30		25 - 115				08/30/13 20:36	09/05/13 22:36	1
Terphenyl-d14 (Surr)	43		36 - 134				08/30/13 20:36	09/05/13 22:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<6.9		19	6.9	ug/Kg	☼	08/30/13 18:19	09/04/13 14:27	1
PCB-1221	<8.6		19	8.6	ug/Kg	☼	08/30/13 18:19	09/04/13 14:27	1
PCB-1232	<8.5		19	8.5	ug/Kg	☼	08/30/13 18:19	09/04/13 14:27	1
PCB-1242	<6.4		19	6.4	ug/Kg	☼	08/30/13 18:19	09/04/13 14:27	1

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-122 8-10'

Lab Sample ID: 500-61811-19

Date Collected: 08/20/13 11:40

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 80.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	<7.7		19	7.7	ug/Kg	☼	08/30/13 18:19	09/04/13 14:27	1
PCB-1254	<4.2		19	4.2	ug/Kg	☼	08/30/13 18:19	09/04/13 14:27	1
PCB-1260	<9.6		19	9.6	ug/Kg	☼	08/30/13 18:19	09/04/13 14:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	61		50 - 116	08/30/13 18:19	09/04/13 14:27	1
DCB Decachlorobiphenyl	79		48 - 142	08/30/13 18:19	09/04/13 14:27	1

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-122 13-15'

Lab Sample ID: 500-61811-20

Date Collected: 08/20/13 11:50

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 85.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<24		140	24	ug/Kg	*	08/20/13 11:50	08/30/13 01:44	50
1,1,1-Trichloroethane	<14		69	14	ug/Kg	*	08/20/13 11:50	08/30/13 01:44	50
1,1,1,2,2-Tetrachloroethane	<16		69	16	ug/Kg	*	08/20/13 11:50	08/30/13 01:44	50
1,1,2-Trichloroethane	<19		69	19	ug/Kg	*	08/20/13 11:50	08/30/13 01:44	50
1,1-Dichloroethane	<13		69	13	ug/Kg	*	08/20/13 11:50	08/30/13 01:44	50
1,1-Dichloroethene	<21		69	21	ug/Kg	*	08/20/13 11:50	08/30/13 01:44	50
1,1-Dichloropropene	<24		69	24	ug/Kg	*	08/20/13 11:50	08/30/13 01:44	50
1,2,3-Trichlorobenzene	<24		140	24	ug/Kg	*	08/20/13 11:50	08/30/13 01:44	50
1,2,3-Trichloropropane	<40		140	40	ug/Kg	*	08/20/13 11:50	08/30/13 01:44	50
1,2,4-Trichlorobenzene	<26		140	26	ug/Kg	*	08/20/13 11:50	08/30/13 01:44	50
1,2,4-Trimethylbenzene	<15		140	15	ug/Kg	*	08/20/13 11:50	08/30/13 01:44	50
1,2-Dibromo-3-Chloropropane	<60		140	60	ug/Kg	*	08/20/13 11:50	08/30/13 01:44	50
1,2-Dibromoethane	<22		140	22	ug/Kg	*	08/20/13 11:50	08/30/13 01:44	50
1,2-Dichlorobenzene	<14		140	14	ug/Kg	*	08/20/13 11:50	08/30/13 01:44	50
1,2-Dichloroethane	<20		69	20	ug/Kg	*	08/20/13 11:50	08/30/13 01:44	50
1,2-Dichloropropane	<14		69	14	ug/Kg	*	08/20/13 11:50	08/30/13 01:44	50
1,3,5-Trimethylbenzene	<14		140	14	ug/Kg	*	08/20/13 11:50	08/30/13 01:44	50
1,3-Dichlorobenzene	<18		140	18	ug/Kg	*	08/20/13 11:50	08/30/13 01:44	50
1,3-Dichloropropane	<9.3		69	9.3	ug/Kg	*	08/20/13 11:50	08/30/13 01:44	50
1,4-Dichlorobenzene	<12		140	12	ug/Kg	*	08/20/13 11:50	08/30/13 01:44	50
2,2-Dichloropropane	<22		69	22	ug/Kg	*	08/20/13 11:50	08/30/13 01:44	50
2-Chlorotoluene	<14		69	14	ug/Kg	*	08/20/13 11:50	08/30/13 01:44	50
4-Chlorotoluene	<14		69	14	ug/Kg	*	08/20/13 11:50	08/30/13 01:44	50
Benzene	<5.1		17	5.1	ug/Kg	*	08/20/13 11:50	08/30/13 01:44	50
Bromobenzene	<29		140	29	ug/Kg	*	08/20/13 11:50	08/30/13 01:44	50
Bromochloromethane	<26		140	26	ug/Kg	*	08/20/13 11:50	08/30/13 01:44	50
Bromodichloromethane	<23		140	23	ug/Kg	*	08/20/13 11:50	08/30/13 01:44	50
Bromoform	<31		140	31	ug/Kg	*	08/20/13 11:50	08/30/13 01:44	50
Bromomethane	<47		140	47	ug/Kg	*	08/20/13 11:50	08/30/13 01:44	50
Carbon tetrachloride	<18		69	18	ug/Kg	*	08/20/13 11:50	08/30/13 01:44	50
Chlorobenzene	<9.9		69	9.9	ug/Kg	*	08/20/13 11:50	08/30/13 01:44	50
Chloroethane	<30		140	30	ug/Kg	*	08/20/13 11:50	08/30/13 01:44	50
Chloroform	<14		69	14	ug/Kg	*	08/20/13 11:50	08/30/13 01:44	50
Chloromethane	<32		140	32	ug/Kg	*	08/20/13 11:50	08/30/13 01:44	50
cis-1,2-Dichloroethene	<8.5		69	8.5	ug/Kg	*	08/20/13 11:50	08/30/13 01:44	50
cis-1,3-Dichloropropene	<12		69	12	ug/Kg	*	08/20/13 11:50	08/30/13 01:44	50
Dibromochloromethane	<24		140	24	ug/Kg	*	08/20/13 11:50	08/30/13 01:44	50
Dibromomethane	<33		140	33	ug/Kg	*	08/20/13 11:50	08/30/13 01:44	50
Dichlorodifluoromethane	<36		140	36	ug/Kg	*	08/20/13 11:50	08/30/13 01:44	50
Ethylbenzene	<8.7		17	8.7	ug/Kg	*	08/20/13 11:50	08/30/13 01:44	50
Hexachlorobutadiene	<24		140	24	ug/Kg	*	08/20/13 11:50	08/30/13 01:44	50
Isopropyl ether	<10		140	10	ug/Kg	*	08/20/13 11:50	08/30/13 01:44	50
Isopropylbenzene	<17		140	17	ug/Kg	*	08/20/13 11:50	08/30/13 01:44	50
Methyl tert-butyl ether	<30		140	30	ug/Kg	*	08/20/13 11:50	08/30/13 01:44	50
Methylene Chloride	<47		350	47	ug/Kg	*	08/20/13 11:50	08/30/13 01:44	50
Naphthalene	<34		140	34	ug/Kg	*	08/20/13 11:50	08/30/13 01:44	50
n-Butylbenzene	<8.9		69	8.9	ug/Kg	*	08/20/13 11:50	08/30/13 01:44	50
N-Propylbenzene	<12		140	12	ug/Kg	*	08/20/13 11:50	08/30/13 01:44	50
p-Isopropyltoluene	<13		140	13	ug/Kg	*	08/20/13 11:50	08/30/13 01:44	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-122 13-15'

Lab Sample ID: 500-61811-20

Date Collected: 08/20/13 11:50

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 85.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<11		69	11	ug/Kg	☼	08/20/13 11:50	08/30/13 01:44	50
Styrene	<6.9		69	6.9	ug/Kg	☼	08/20/13 11:50	08/30/13 01:44	50
tert-Butylbenzene	<9.4		69	9.4	ug/Kg	☼	08/20/13 11:50	08/30/13 01:44	50
Tetrachloroethene	<12		69	12	ug/Kg	☼	08/20/13 11:50	08/30/13 01:44	50
Toluene	<8.0		17	8.0	ug/Kg	☼	08/20/13 11:50	08/30/13 01:44	50
trans-1,2-Dichloroethene	<17		69	17	ug/Kg	☼	08/20/13 11:50	08/30/13 01:44	50
trans-1,3-Dichloropropene	<14		69	14	ug/Kg	☼	08/20/13 11:50	08/30/13 01:44	50
Trichloroethene	<13		35	13	ug/Kg	☼	08/20/13 11:50	08/30/13 01:44	50
Trichlorofluoromethane	<29		140	29	ug/Kg	☼	08/20/13 11:50	08/30/13 01:44	50
Vinyl chloride	<7.2		17	7.2	ug/Kg	☼	08/20/13 11:50	08/30/13 01:44	50
Xylenes, Total	<4.7		35	4.7	ug/Kg	☼	08/20/13 11:50	08/30/13 01:44	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94		75 - 125				08/20/13 11:50	08/30/13 01:44	50
4-Bromofluorobenzene (Surr)	95		75 - 120				08/20/13 11:50	08/30/13 01:44	50
Dibromofluoromethane	84		75 - 120				08/20/13 11:50	08/30/13 01:44	50
Toluene-d8 (Surr)	91		75 - 120				08/20/13 11:50	08/30/13 01:44	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<18		36	18	ug/Kg	☼	09/03/13 17:19	09/04/13 15:46	1
2-Methylnaphthalene	<48		180	48	ug/Kg	☼	09/03/13 17:19	09/04/13 15:46	1
Acenaphthene	<11		36	11	ug/Kg	☼	09/03/13 17:19	09/04/13 15:46	1
Acenaphthylene	<8.4		36	8.4	ug/Kg	☼	09/03/13 17:19	09/04/13 15:46	1
Anthracene	14	J	36	8.6	ug/Kg	☼	09/03/13 17:19	09/04/13 15:46	1
Benzo[a]anthracene	18	J	36	7.7	ug/Kg	☼	09/03/13 17:19	09/04/13 15:46	1
Benzo[a]pyrene	27	J	36	6.7	ug/Kg	☼	09/03/13 17:19	09/04/13 15:46	1
Benzo[b]fluoranthene	30	J	36	7.1	ug/Kg	☼	09/03/13 17:19	09/04/13 15:46	1
Benzo[g,h,i]perylene	45		36	12	ug/Kg	☼	09/03/13 17:19	09/04/13 15:46	1
Benzo[k]fluoranthene	9.1	J	36	8.7	ug/Kg	☼	09/03/13 17:19	09/04/13 15:46	1
Chrysene	23	J	36	8.3	ug/Kg	☼	09/03/13 17:19	09/04/13 15:46	1
Dibenz(a,h)anthracene	15	J	36	10	ug/Kg	☼	09/03/13 17:19	09/04/13 15:46	1
Fluoranthene	22	J	36	15	ug/Kg	☼	09/03/13 17:19	09/04/13 15:46	1
Fluorene	<8.3		36	8.3	ug/Kg	☼	09/03/13 17:19	09/04/13 15:46	1
Indeno[1,2,3-cd]pyrene	30	J	36	12	ug/Kg	☼	09/03/13 17:19	09/04/13 15:46	1
Naphthalene	<7.1		36	7.1	ug/Kg	☼	09/03/13 17:19	09/04/13 15:46	1
Phenanthrene	25	J	36	15	ug/Kg	☼	09/03/13 17:19	09/04/13 15:46	1
Pyrene	24	J	36	13	ug/Kg	☼	09/03/13 17:19	09/04/13 15:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	37		25 - 119				09/03/13 17:19	09/04/13 15:46	1
Nitrobenzene-d5 (Surr)	32		25 - 115				09/03/13 17:19	09/04/13 15:46	1
Terphenyl-d14 (Surr)	80		36 - 134				09/03/13 17:19	09/04/13 15:46	1

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-123 0-2'

Lab Sample ID: 500-61811-21

Date Collected: 08/20/13 11:00

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 85.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<24		140	24	ug/Kg	*	08/20/13 11:00	08/30/13 02:08	50
1,1,1-Trichloroethane	<14		68	14	ug/Kg	*	08/20/13 11:00	08/30/13 02:08	50
1,1,2,2-Tetrachloroethane	<16		68	16	ug/Kg	*	08/20/13 11:00	08/30/13 02:08	50
1,1,2-Trichloroethane	<19		68	19	ug/Kg	*	08/20/13 11:00	08/30/13 02:08	50
1,1-Dichloroethane	<13		68	13	ug/Kg	*	08/20/13 11:00	08/30/13 02:08	50
1,1-Dichloroethene	<21		68	21	ug/Kg	*	08/20/13 11:00	08/30/13 02:08	50
1,1-Dichloropropene	<24		68	24	ug/Kg	*	08/20/13 11:00	08/30/13 02:08	50
1,2,3-Trichlorobenzene	<24		140	24	ug/Kg	*	08/20/13 11:00	08/30/13 02:08	50
1,2,3-Trichloropropane	<39		140	39	ug/Kg	*	08/20/13 11:00	08/30/13 02:08	50
1,2,4-Trichlorobenzene	<26		140	26	ug/Kg	*	08/20/13 11:00	08/30/13 02:08	50
1,2,4-Trimethylbenzene	<14		140	14	ug/Kg	*	08/20/13 11:00	08/30/13 02:08	50
1,2-Dibromo-3-Chloropropane	<60		140	60	ug/Kg	*	08/20/13 11:00	08/30/13 02:08	50
1,2-Dibromoethane	<21		140	21	ug/Kg	*	08/20/13 11:00	08/30/13 02:08	50
1,2-Dichlorobenzene	<14		140	14	ug/Kg	*	08/20/13 11:00	08/30/13 02:08	50
1,2-Dichloroethane	<20		68	20	ug/Kg	*	08/20/13 11:00	08/30/13 02:08	50
1,2-Dichloropropane	<13		68	13	ug/Kg	*	08/20/13 11:00	08/30/13 02:08	50
1,3,5-Trimethylbenzene	<14		140	14	ug/Kg	*	08/20/13 11:00	08/30/13 02:08	50
1,3-Dichlorobenzene	<18		140	18	ug/Kg	*	08/20/13 11:00	08/30/13 02:08	50
1,3-Dichloropropane	<9.2		68	9.2	ug/Kg	*	08/20/13 11:00	08/30/13 02:08	50
1,4-Dichlorobenzene	<12		140	12	ug/Kg	*	08/20/13 11:00	08/30/13 02:08	50
2,2-Dichloropropane	<22 *		68	22	ug/Kg	*	08/20/13 11:00	08/30/13 02:08	50
2-Chlorotoluene	<14		68	14	ug/Kg	*	08/20/13 11:00	08/30/13 02:08	50
4-Chlorotoluene	<13		68	13	ug/Kg	*	08/20/13 11:00	08/30/13 02:08	50
Benzene	<5.1		17	5.1	ug/Kg	*	08/20/13 11:00	08/30/13 02:08	50
Bromobenzene	<29		140	29	ug/Kg	*	08/20/13 11:00	08/30/13 02:08	50
Bromochloromethane	<26		140	26	ug/Kg	*	08/20/13 11:00	08/30/13 02:08	50
Bromodichloromethane	<23		140	23	ug/Kg	*	08/20/13 11:00	08/30/13 02:08	50
Bromoform	<30		140	30	ug/Kg	*	08/20/13 11:00	08/30/13 02:08	50
Bromomethane	<47		140	47	ug/Kg	*	08/20/13 11:00	08/30/13 02:08	50
Carbon tetrachloride	<18		68	18	ug/Kg	*	08/20/13 11:00	08/30/13 02:08	50
Chlorobenzene	<9.8		68	9.8	ug/Kg	*	08/20/13 11:00	08/30/13 02:08	50
Chloroethane	<30		140	30	ug/Kg	*	08/20/13 11:00	08/30/13 02:08	50
Chloroform	<14		68	14	ug/Kg	*	08/20/13 11:00	08/30/13 02:08	50
Chloromethane	<32		140	32	ug/Kg	*	08/20/13 11:00	08/30/13 02:08	50
cis-1,2-Dichloroethene	<8.4		68	8.4	ug/Kg	*	08/20/13 11:00	08/30/13 02:08	50
cis-1,3-Dichloropropene	<12		68	12	ug/Kg	*	08/20/13 11:00	08/30/13 02:08	50
Dibromochloromethane	<24		140	24	ug/Kg	*	08/20/13 11:00	08/30/13 02:08	50
Dibromomethane	<33		140	33	ug/Kg	*	08/20/13 11:00	08/30/13 02:08	50
Dichlorodifluoromethane	<35		140	35	ug/Kg	*	08/20/13 11:00	08/30/13 02:08	50
Ethylbenzene	<8.6		17	8.6	ug/Kg	*	08/20/13 11:00	08/30/13 02:08	50
Hexachlorobutadiene	<24		140	24	ug/Kg	*	08/20/13 11:00	08/30/13 02:08	50
Isopropyl ether	<10		140	10	ug/Kg	*	08/20/13 11:00	08/30/13 02:08	50
Isopropylbenzene	<17		140	17	ug/Kg	*	08/20/13 11:00	08/30/13 02:08	50
Methyl tert-butyl ether	<29		140	29	ug/Kg	*	08/20/13 11:00	08/30/13 02:08	50
Methylene Chloride	<47		340	47	ug/Kg	*	08/20/13 11:00	08/30/13 02:08	50
Naphthalene	<34		140	34	ug/Kg	*	08/20/13 11:00	08/30/13 02:08	50
n-Butylbenzene	<8.8		68	8.8	ug/Kg	*	08/20/13 11:00	08/30/13 02:08	50
N-Propylbenzene	<12		140	12	ug/Kg	*	08/20/13 11:00	08/30/13 02:08	50
p-Isopropyltoluene	<13		140	13	ug/Kg	*	08/20/13 11:00	08/30/13 02:08	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-123 0-2'

Lab Sample ID: 500-61811-21

Date Collected: 08/20/13 11:00

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 85.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<11		68	11	ug/Kg	☼	08/20/13 11:00	08/30/13 02:08	50
Styrene	<6.8		68	6.8	ug/Kg	☼	08/20/13 11:00	08/30/13 02:08	50
tert-Butylbenzene	<9.3		68	9.3	ug/Kg	☼	08/20/13 11:00	08/30/13 02:08	50
Tetrachloroethene	<11		68	11	ug/Kg	☼	08/20/13 11:00	08/30/13 02:08	50
Toluene	<7.9		17	7.9	ug/Kg	☼	08/20/13 11:00	08/30/13 02:08	50
trans-1,2-Dichloroethene	<17		68	17	ug/Kg	☼	08/20/13 11:00	08/30/13 02:08	50
trans-1,3-Dichloropropene	<14		68	14	ug/Kg	☼	08/20/13 11:00	08/30/13 02:08	50
Trichloroethene	<13		34	13	ug/Kg	☼	08/20/13 11:00	08/30/13 02:08	50
Trichlorofluoromethane	<28		140	28	ug/Kg	☼	08/20/13 11:00	08/30/13 02:08	50
Vinyl chloride	<7.1		17	7.1	ug/Kg	☼	08/20/13 11:00	08/30/13 02:08	50
Xylenes, Total	<4.7		34	4.7	ug/Kg	☼	08/20/13 11:00	08/30/13 02:08	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		75 - 125				08/20/13 11:00	08/30/13 02:08	50
4-Bromofluorobenzene (Surr)	95		75 - 120				08/20/13 11:00	08/30/13 02:08	50
Dibromofluoromethane	84		75 - 120				08/20/13 11:00	08/30/13 02:08	50
Toluene-d8 (Surr)	95		75 - 120				08/20/13 11:00	08/30/13 02:08	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	35	J	37	19	ug/Kg	☼	09/01/13 21:51	09/04/13 13:12	1
2-Methylnaphthalene	51	J	190	48	ug/Kg	☼	09/01/13 21:51	09/04/13 13:12	1
Acenaphthene	77		37	11	ug/Kg	☼	09/01/13 21:51	09/04/13 13:12	1
Acenaphthylene	52		37	8.6	ug/Kg	☼	09/01/13 21:51	09/04/13 13:12	1
Anthracene	220		37	8.8	ug/Kg	☼	09/01/13 21:51	09/04/13 13:12	1
Benzo[a]anthracene	1200		37	7.8	ug/Kg	☼	09/01/13 21:51	09/04/13 13:12	1
Benzo[a]pyrene	2100		37	6.8	ug/Kg	☼	09/01/13 21:51	09/04/13 13:12	1
Benzo[b]fluoranthene	2500		37	7.2	ug/Kg	☼	09/01/13 21:51	09/04/13 13:12	1
Benzo[g,h,i]perylene	1900		37	13	ug/Kg	☼	09/01/13 21:51	09/04/13 13:12	1
Benzo[k]fluoranthene	1400		37	8.9	ug/Kg	☼	09/01/13 21:51	09/04/13 13:12	1
Chrysene	1500		37	8.4	ug/Kg	☼	09/01/13 21:51	09/04/13 13:12	1
Dibenz(a,h)anthracene	830		37	10	ug/Kg	☼	09/01/13 21:51	09/04/13 13:12	1
Fluoranthene	2600		37	15	ug/Kg	☼	09/01/13 21:51	09/04/13 13:12	1
Fluorene	59		37	8.5	ug/Kg	☼	09/01/13 21:51	09/04/13 13:12	1
Indeno[1,2,3-cd]pyrene	1400		37	13	ug/Kg	☼	09/01/13 21:51	09/04/13 13:12	1
Naphthalene	120		37	7.2	ug/Kg	☼	09/01/13 21:51	09/04/13 13:12	1
Phenanthrene	880		37	16	ug/Kg	☼	09/01/13 21:51	09/04/13 13:12	1
Pyrene	1300		37	13	ug/Kg	☼	09/01/13 21:51	09/04/13 13:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	72		25 - 119				09/01/13 21:51	09/04/13 13:12	1
Nitrobenzene-d5 (Surr)	67		25 - 115				09/01/13 21:51	09/04/13 13:12	1
Terphenyl-d14 (Surr)	49		36 - 134				09/01/13 21:51	09/04/13 13:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<6.8		19	6.8	ug/Kg	☼	08/30/13 18:19	09/04/13 14:41	1
PCB-1221	<8.4		19	8.4	ug/Kg	☼	08/30/13 18:19	09/04/13 14:41	1
PCB-1232	<8.4		19	8.4	ug/Kg	☼	08/30/13 18:19	09/04/13 14:41	1
PCB-1242	<6.3		19	6.3	ug/Kg	☼	08/30/13 18:19	09/04/13 14:41	1

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-123 0-2'

Lab Sample ID: 500-61811-21

Date Collected: 08/20/13 11:00

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 85.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	<7.6		19	7.6	ug/Kg	☼	08/30/13 18:19	09/04/13 14:41	1
PCB-1254	29		19	4.1	ug/Kg	☼	08/30/13 18:19	09/04/13 14:41	1
PCB-1260	<9.4		19	9.4	ug/Kg	☼	08/30/13 18:19	09/04/13 14:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	80		50 - 116	08/30/13 18:19	09/04/13 14:41	1
DCB Decachlorobiphenyl	82		48 - 142	08/30/13 18:19	09/04/13 14:41	1



Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-123 4-6'

Lab Sample ID: 500-61811-22

Date Collected: 08/20/13 11:00

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 89.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<21		120	21	ug/Kg	☼	08/20/13 11:00	08/30/13 02:33	50
1,1,1-Trichloroethane	<12		62	12	ug/Kg	☼	08/20/13 11:00	08/30/13 02:33	50
1,1,2,2-Tetrachloroethane	<14		62	14	ug/Kg	☼	08/20/13 11:00	08/30/13 02:33	50
1,1,2-Trichloroethane	<17		62	17	ug/Kg	☼	08/20/13 11:00	08/30/13 02:33	50
1,1-Dichloroethane	<11		62	11	ug/Kg	☼	08/20/13 11:00	08/30/13 02:33	50
1,1-Dichloroethene	<19		62	19	ug/Kg	☼	08/20/13 11:00	08/30/13 02:33	50
1,1-Dichloropropene	<21		62	21	ug/Kg	☼	08/20/13 11:00	08/30/13 02:33	50
1,2,3-Trichlorobenzene	<22		120	22	ug/Kg	☼	08/20/13 11:00	08/30/13 02:33	50
1,2,3-Trichloropropane	<35		120	35	ug/Kg	☼	08/20/13 11:00	08/30/13 02:33	50
1,2,4-Trichlorobenzene	<23		120	23	ug/Kg	☼	08/20/13 11:00	08/30/13 02:33	50
1,2,4-Trimethylbenzene	<13		120	13	ug/Kg	☼	08/20/13 11:00	08/30/13 02:33	50
1,2-Dibromo-3-Chloropropane	<54		120	54	ug/Kg	☼	08/20/13 11:00	08/30/13 02:33	50
1,2-Dibromoethane	<19		120	19	ug/Kg	☼	08/20/13 11:00	08/30/13 02:33	50
1,2-Dichlorobenzene	<13		120	13	ug/Kg	☼	08/20/13 11:00	08/30/13 02:33	50
1,2-Dichloroethane	<18		62	18	ug/Kg	☼	08/20/13 11:00	08/30/13 02:33	50
1,2-Dichloropropane	<12		62	12	ug/Kg	☼	08/20/13 11:00	08/30/13 02:33	50
1,3,5-Trimethylbenzene	<13		120	13	ug/Kg	☼	08/20/13 11:00	08/30/13 02:33	50
1,3-Dichlorobenzene	<16		120	16	ug/Kg	☼	08/20/13 11:00	08/30/13 02:33	50
1,3-Dichloropropane	<8.3		62	8.3	ug/Kg	☼	08/20/13 11:00	08/30/13 02:33	50
1,4-Dichlorobenzene	<11		120	11	ug/Kg	☼	08/20/13 11:00	08/30/13 02:33	50
2,2-Dichloropropane	<20 *		62	20	ug/Kg	☼	08/20/13 11:00	08/30/13 02:33	50
2-Chlorotoluene	<13		62	13	ug/Kg	☼	08/20/13 11:00	08/30/13 02:33	50
4-Chlorotoluene	<12		62	12	ug/Kg	☼	08/20/13 11:00	08/30/13 02:33	50
Benzene	<4.6		15	4.6	ug/Kg	☼	08/20/13 11:00	08/30/13 02:33	50
Bromobenzene	<26		120	26	ug/Kg	☼	08/20/13 11:00	08/30/13 02:33	50
Bromochloromethane	<23		120	23	ug/Kg	☼	08/20/13 11:00	08/30/13 02:33	50
Bromodichloromethane	<21		120	21	ug/Kg	☼	08/20/13 11:00	08/30/13 02:33	50
Bromoform	<27		120	27	ug/Kg	☼	08/20/13 11:00	08/30/13 02:33	50
Bromomethane	<42		120	42	ug/Kg	☼	08/20/13 11:00	08/30/13 02:33	50
Carbon tetrachloride	<16		62	16	ug/Kg	☼	08/20/13 11:00	08/30/13 02:33	50
Chlorobenzene	<8.8		62	8.8	ug/Kg	☼	08/20/13 11:00	08/30/13 02:33	50
Chloroethane	<27		120	27	ug/Kg	☼	08/20/13 11:00	08/30/13 02:33	50
Chloroform	<13		62	13	ug/Kg	☼	08/20/13 11:00	08/30/13 02:33	50
Chloromethane	<29		120	29	ug/Kg	☼	08/20/13 11:00	08/30/13 02:33	50
cis-1,2-Dichloroethene	<7.6		62	7.6	ug/Kg	☼	08/20/13 11:00	08/30/13 02:33	50
cis-1,3-Dichloropropene	<11		62	11	ug/Kg	☼	08/20/13 11:00	08/30/13 02:33	50
Dibromochloromethane	<21		120	21	ug/Kg	☼	08/20/13 11:00	08/30/13 02:33	50
Dibromomethane	<30		120	30	ug/Kg	☼	08/20/13 11:00	08/30/13 02:33	50
Dichlorodifluoromethane	<32		120	32	ug/Kg	☼	08/20/13 11:00	08/30/13 02:33	50
Ethylbenzene	<7.8		15	7.8	ug/Kg	☼	08/20/13 11:00	08/30/13 02:33	50
Hexachlorobutadiene	<21		120	21	ug/Kg	☼	08/20/13 11:00	08/30/13 02:33	50
Isopropyl ether	<9.1		120	9.1	ug/Kg	☼	08/20/13 11:00	08/30/13 02:33	50
Isopropylbenzene	<16		120	16	ug/Kg	☼	08/20/13 11:00	08/30/13 02:33	50
Methyl tert-butyl ether	<27		120	27	ug/Kg	☼	08/20/13 11:00	08/30/13 02:33	50
Methylene Chloride	<42		310	42	ug/Kg	☼	08/20/13 11:00	08/30/13 02:33	50
Naphthalene	160		120	31	ug/Kg	☼	08/20/13 11:00	08/30/13 02:33	50
n-Butylbenzene	<8.0		62	8.0	ug/Kg	☼	08/20/13 11:00	08/30/13 02:33	50
N-Propylbenzene	<11		120	11	ug/Kg	☼	08/20/13 11:00	08/30/13 02:33	50
p-Isopropyltoluene	<11		120	11	ug/Kg	☼	08/20/13 11:00	08/30/13 02:33	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-123 4-6'

Lab Sample ID: 500-61811-22

Date Collected: 08/20/13 11:00

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 89.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<9.5		62	9.5	ug/Kg	☼	08/20/13 11:00	08/30/13 02:33	50
Styrene	<6.1		62	6.1	ug/Kg	☼	08/20/13 11:00	08/30/13 02:33	50
tert-Butylbenzene	<8.4		62	8.4	ug/Kg	☼	08/20/13 11:00	08/30/13 02:33	50
Tetrachloroethene	<10		62	10	ug/Kg	☼	08/20/13 11:00	08/30/13 02:33	50
Toluene	<7.1		15	7.1	ug/Kg	☼	08/20/13 11:00	08/30/13 02:33	50
trans-1,2-Dichloroethene	<15		62	15	ug/Kg	☼	08/20/13 11:00	08/30/13 02:33	50
trans-1,3-Dichloropropene	<13		62	13	ug/Kg	☼	08/20/13 11:00	08/30/13 02:33	50
Trichloroethene	<12		31	12	ug/Kg	☼	08/20/13 11:00	08/30/13 02:33	50
Trichlorofluoromethane	<26		120	26	ug/Kg	☼	08/20/13 11:00	08/30/13 02:33	50
Vinyl chloride	<6.4		15	6.4	ug/Kg	☼	08/20/13 11:00	08/30/13 02:33	50
Xylenes, Total	<4.2		31	4.2	ug/Kg	☼	08/20/13 11:00	08/30/13 02:33	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		75 - 125				08/20/13 11:00	08/30/13 02:33	50
4-Bromofluorobenzene (Surr)	98		75 - 120				08/20/13 11:00	08/30/13 02:33	50
Dibromofluoromethane	85		75 - 120				08/20/13 11:00	08/30/13 02:33	50
Toluene-d8 (Surr)	94		75 - 120				08/20/13 11:00	08/30/13 02:33	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	320		36	18	ug/Kg	☼	09/01/13 21:51	09/04/13 13:31	1
2-Methylnaphthalene	260		180	48	ug/Kg	☼	09/01/13 21:51	09/04/13 13:31	1
Acenaphthene	460		36	11	ug/Kg	☼	09/01/13 21:51	09/04/13 13:31	1
Acenaphthylene	160		36	8.4	ug/Kg	☼	09/01/13 21:51	09/04/13 13:31	1
Benzo[a]anthracene	2500		36	7.7	ug/Kg	☼	09/01/13 21:51	09/04/13 13:31	1
Benzo[a]pyrene	2000		36	6.7	ug/Kg	☼	09/01/13 21:51	09/04/13 13:31	1
Benzo[g,h,i]perylene	1600		36	12	ug/Kg	☼	09/01/13 21:51	09/04/13 13:31	1
Benzo[k]fluoranthene	1300		36	8.7	ug/Kg	☼	09/01/13 21:51	09/04/13 13:31	1
Dibenz(a,h)anthracene	730		36	10	ug/Kg	☼	09/01/13 21:51	09/04/13 13:31	1
Fluorene	830		36	8.3	ug/Kg	☼	09/01/13 21:51	09/04/13 13:31	1
Indeno[1,2,3-cd]pyrene	1300		36	12	ug/Kg	☼	09/01/13 21:51	09/04/13 13:31	1
Naphthalene	610		36	7.1	ug/Kg	☼	09/01/13 21:51	09/04/13 13:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	54		25 - 119				09/01/13 21:51	09/04/13 13:31	1
Nitrobenzene-d5 (Surr)	49		25 - 115				09/01/13 21:51	09/04/13 13:31	1
Terphenyl-d14 (Surr)	61		36 - 134				09/01/13 21:51	09/04/13 13:31	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	6100		180	43	ug/Kg	☼	09/01/13 21:51	09/05/13 22:55	5
Benzo[b]fluoranthene	3600		180	36	ug/Kg	☼	09/01/13 21:51	09/05/13 22:55	5
Chrysene	5300		180	41	ug/Kg	☼	09/01/13 21:51	09/05/13 22:55	5
Fluoranthene	5200		180	75	ug/Kg	☼	09/01/13 21:51	09/05/13 22:55	5
Phenanthrene	3800		180	77	ug/Kg	☼	09/01/13 21:51	09/05/13 22:55	5
Pyrene	3600		180	66	ug/Kg	☼	09/01/13 21:51	09/05/13 22:55	5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<6.5		19	6.5	ug/Kg	☼	08/30/13 18:19	09/04/13 14:55	1
PCB-1221	<8.1		19	8.1	ug/Kg	☼	08/30/13 18:19	09/04/13 14:55	1

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-123 4-6'

Lab Sample ID: 500-61811-22

Date Collected: 08/20/13 11:00

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 89.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1232	<8.1		19	8.1	ug/Kg	☼	08/30/13 18:19	09/04/13 14:55	1
PCB-1242	<6.1		19	6.1	ug/Kg	☼	08/30/13 18:19	09/04/13 14:55	1
PCB-1248	<7.3		19	7.3	ug/Kg	☼	08/30/13 18:19	09/04/13 14:55	1
PCB-1254	45		19	4.0	ug/Kg	☼	08/30/13 18:19	09/04/13 14:55	1
PCB-1260	<9.1		19	9.1	ug/Kg	☼	08/30/13 18:19	09/04/13 14:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro- <i>m</i> -xylene	67		50 - 116	08/30/13 18:19	09/04/13 14:55	1
DCB Decachlorobiphenyl	75		48 - 142	08/30/13 18:19	09/04/13 14:55	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-123 8-10'

Lab Sample ID: 500-61811-23

Date Collected: 08/20/13 11:10

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 84.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<23		130	23	ug/Kg	*	08/20/13 11:10	08/30/13 02:57	50
1,1,1-Trichloroethane	<13		67	13	ug/Kg	*	08/20/13 11:10	08/30/13 02:57	50
1,1,1,2,2-Tetrachloroethane	<16		67	16	ug/Kg	*	08/20/13 11:10	08/30/13 02:57	50
1,1,2-Trichloroethane	<19		67	19	ug/Kg	*	08/20/13 11:10	08/30/13 02:57	50
1,1-Dichloroethane	<12		67	12	ug/Kg	*	08/20/13 11:10	08/30/13 02:57	50
1,1-Dichloroethene	<21		67	21	ug/Kg	*	08/20/13 11:10	08/30/13 02:57	50
1,1-Dichloropropene	<23		67	23	ug/Kg	*	08/20/13 11:10	08/30/13 02:57	50
1,2,3-Trichlorobenzene	<23		130	23	ug/Kg	*	08/20/13 11:10	08/30/13 02:57	50
1,2,3-Trichloropropane	<38		130	38	ug/Kg	*	08/20/13 11:10	08/30/13 02:57	50
1,2,4-Trichlorobenzene	<25		130	25	ug/Kg	*	08/20/13 11:10	08/30/13 02:57	50
1,2,4-Trimethylbenzene	<14		130	14	ug/Kg	*	08/20/13 11:10	08/30/13 02:57	50
1,2-Dibromo-3-Chloropropane	<58		130	58	ug/Kg	*	08/20/13 11:10	08/30/13 02:57	50
1,2-Dibromoethane	<21		130	21	ug/Kg	*	08/20/13 11:10	08/30/13 02:57	50
1,2-Dichlorobenzene	<14		130	14	ug/Kg	*	08/20/13 11:10	08/30/13 02:57	50
1,2-Dichloroethane	<19		67	19	ug/Kg	*	08/20/13 11:10	08/30/13 02:57	50
1,2-Dichloropropane	<13		67	13	ug/Kg	*	08/20/13 11:10	08/30/13 02:57	50
1,3,5-Trimethylbenzene	<14		130	14	ug/Kg	*	08/20/13 11:10	08/30/13 02:57	50
1,3-Dichlorobenzene	<17		130	17	ug/Kg	*	08/20/13 11:10	08/30/13 02:57	50
1,3-Dichloropropane	<9.0		67	9.0	ug/Kg	*	08/20/13 11:10	08/30/13 02:57	50
1,4-Dichlorobenzene	<12		130	12	ug/Kg	*	08/20/13 11:10	08/30/13 02:57	50
2,2-Dichloropropane	<21 *		67	21	ug/Kg	*	08/20/13 11:10	08/30/13 02:57	50
2-Chlorotoluene	<14		67	14	ug/Kg	*	08/20/13 11:10	08/30/13 02:57	50
4-Chlorotoluene	<13		67	13	ug/Kg	*	08/20/13 11:10	08/30/13 02:57	50
Benzene	<5.0		17	5.0	ug/Kg	*	08/20/13 11:10	08/30/13 02:57	50
Bromobenzene	<28		130	28	ug/Kg	*	08/20/13 11:10	08/30/13 02:57	50
Bromochloromethane	<25		130	25	ug/Kg	*	08/20/13 11:10	08/30/13 02:57	50
Bromodichloromethane	<23		130	23	ug/Kg	*	08/20/13 11:10	08/30/13 02:57	50
Bromoform	<30		130	30	ug/Kg	*	08/20/13 11:10	08/30/13 02:57	50
Bromomethane	<46		130	46	ug/Kg	*	08/20/13 11:10	08/30/13 02:57	50
Carbon tetrachloride	<17		67	17	ug/Kg	*	08/20/13 11:10	08/30/13 02:57	50
Chlorobenzene	<9.6		67	9.6	ug/Kg	*	08/20/13 11:10	08/30/13 02:57	50
Chloroethane	<29		130	29	ug/Kg	*	08/20/13 11:10	08/30/13 02:57	50
Chloroform	<14		67	14	ug/Kg	*	08/20/13 11:10	08/30/13 02:57	50
Chloromethane	<31		130	31	ug/Kg	*	08/20/13 11:10	08/30/13 02:57	50
cis-1,2-Dichloroethene	<8.2		67	8.2	ug/Kg	*	08/20/13 11:10	08/30/13 02:57	50
cis-1,3-Dichloropropene	<12		67	12	ug/Kg	*	08/20/13 11:10	08/30/13 02:57	50
Dibromochloromethane	<23		130	23	ug/Kg	*	08/20/13 11:10	08/30/13 02:57	50
Dibromomethane	<32		130	32	ug/Kg	*	08/20/13 11:10	08/30/13 02:57	50
Dichlorodifluoromethane	<34		130	34	ug/Kg	*	08/20/13 11:10	08/30/13 02:57	50
Ethylbenzene	<8.4		17	8.4	ug/Kg	*	08/20/13 11:10	08/30/13 02:57	50
Hexachlorobutadiene	<23		130	23	ug/Kg	*	08/20/13 11:10	08/30/13 02:57	50
Isopropyl ether	<9.8		130	9.8	ug/Kg	*	08/20/13 11:10	08/30/13 02:57	50
Isopropylbenzene	<17		130	17	ug/Kg	*	08/20/13 11:10	08/30/13 02:57	50
Methyl tert-butyl ether	<29		130	29	ug/Kg	*	08/20/13 11:10	08/30/13 02:57	50
Methylene Chloride	<46		330	46	ug/Kg	*	08/20/13 11:10	08/30/13 02:57	50
Naphthalene	86 J		130	33	ug/Kg	*	08/20/13 11:10	08/30/13 02:57	50
n-Butylbenzene	<8.6		67	8.6	ug/Kg	*	08/20/13 11:10	08/30/13 02:57	50
N-Propylbenzene	<12		130	12	ug/Kg	*	08/20/13 11:10	08/30/13 02:57	50
p-Isopropyltoluene	<12		130	12	ug/Kg	*	08/20/13 11:10	08/30/13 02:57	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-123 8-10'

Lab Sample ID: 500-61811-23

Date Collected: 08/20/13 11:10

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 84.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<10		67	10	ug/Kg	☼	08/20/13 11:10	08/30/13 02:57	50
Styrene	<6.6		67	6.6	ug/Kg	☼	08/20/13 11:10	08/30/13 02:57	50
tert-Butylbenzene	<9.1		67	9.1	ug/Kg	☼	08/20/13 11:10	08/30/13 02:57	50
Tetrachloroethene	<11		67	11	ug/Kg	☼	08/20/13 11:10	08/30/13 02:57	50
Toluene	<7.7		17	7.7	ug/Kg	☼	08/20/13 11:10	08/30/13 02:57	50
trans-1,2-Dichloroethene	<17		67	17	ug/Kg	☼	08/20/13 11:10	08/30/13 02:57	50
trans-1,3-Dichloropropene	<14		67	14	ug/Kg	☼	08/20/13 11:10	08/30/13 02:57	50
Trichloroethene	<12		33	12	ug/Kg	☼	08/20/13 11:10	08/30/13 02:57	50
Trichlorofluoromethane	<28		130	28	ug/Kg	☼	08/20/13 11:10	08/30/13 02:57	50
Vinyl chloride	<7.0		17	7.0	ug/Kg	☼	08/20/13 11:10	08/30/13 02:57	50
Xylenes, Total	<4.6		33	4.6	ug/Kg	☼	08/20/13 11:10	08/30/13 02:57	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		75 - 125				08/20/13 11:10	08/30/13 02:57	50
4-Bromofluorobenzene (Surr)	94		75 - 120				08/20/13 11:10	08/30/13 02:57	50
Dibromofluoromethane	85		75 - 120				08/20/13 11:10	08/30/13 02:57	50
Toluene-d8 (Surr)	92		75 - 120				08/20/13 11:10	08/30/13 02:57	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	33	J	38	19	ug/Kg	☼	09/01/13 21:51	09/04/13 13:50	1
2-Methylnaphthalene	<50		190	50	ug/Kg	☼	09/01/13 21:51	09/04/13 13:50	1
Acenaphthene	1600		38	11	ug/Kg	☼	09/01/13 21:51	09/04/13 13:50	1
Acenaphthylene	130		38	8.8	ug/Kg	☼	09/01/13 21:51	09/04/13 13:50	1
Anthracene	1100		38	9.0	ug/Kg	☼	09/01/13 21:51	09/04/13 13:50	1
Benzo[a]anthracene	1100		38	8.0	ug/Kg	☼	09/01/13 21:51	09/04/13 13:50	1
Benzo[a]pyrene	620		38	7.0	ug/Kg	☼	09/01/13 21:51	09/04/13 13:50	1
Benzo[b]fluoranthene	980		38	7.5	ug/Kg	☼	09/01/13 21:51	09/04/13 13:50	1
Benzo[g,h,i]perylene	330		38	13	ug/Kg	☼	09/01/13 21:51	09/04/13 13:50	1
Benzo[k]fluoranthene	280		38	9.2	ug/Kg	☼	09/01/13 21:51	09/04/13 13:50	1
Chrysene	770		38	8.7	ug/Kg	☼	09/01/13 21:51	09/04/13 13:50	1
Dibenz(a,h)anthracene	160		38	11	ug/Kg	☼	09/01/13 21:51	09/04/13 13:50	1
Fluorene	2500		38	8.7	ug/Kg	☼	09/01/13 21:51	09/04/13 13:50	1
Indeno[1,2,3-cd]pyrene	280		38	13	ug/Kg	☼	09/01/13 21:51	09/04/13 13:50	1
Naphthalene	89		38	7.4	ug/Kg	☼	09/01/13 21:51	09/04/13 13:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	48		25 - 119				09/01/13 21:51	09/04/13 13:50	1
Nitrobenzene-d5 (Surr)	55		25 - 115				09/01/13 21:51	09/04/13 13:50	1
Terphenyl-d14 (Surr)	53		36 - 134				09/01/13 21:51	09/04/13 13:50	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	7000		380	160	ug/Kg	☼	09/01/13 21:51	09/05/13 23:14	10
Phenanthrene	14000		380	160	ug/Kg	☼	09/01/13 21:51	09/05/13 23:14	10
Pyrene	4000		380	140	ug/Kg	☼	09/01/13 21:51	09/05/13 23:14	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<6.7		19	6.7	ug/Kg	☼	08/30/13 18:19	09/04/13 15:08	1
PCB-1221	<8.4		19	8.4	ug/Kg	☼	08/30/13 18:19	09/04/13 15:08	1

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-123 8-10'

Lab Sample ID: 500-61811-23

Date Collected: 08/20/13 11:10

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 84.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1232	<8.3		19	8.3	ug/Kg	☼	08/30/13 18:19	09/04/13 15:08	1
PCB-1242	<6.2		19	6.2	ug/Kg	☼	08/30/13 18:19	09/04/13 15:08	1
PCB-1248	<7.5		19	7.5	ug/Kg	☼	08/30/13 18:19	09/04/13 15:08	1
PCB-1254	<4.1		19	4.1	ug/Kg	☼	08/30/13 18:19	09/04/13 15:08	1
PCB-1260	<9.3		19	9.3	ug/Kg	☼	08/30/13 18:19	09/04/13 15:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro- <i>m</i> -xylene	64		50 - 116	08/30/13 18:19	09/04/13 15:08	1
DCB Decachlorobiphenyl	87		48 - 142	08/30/13 18:19	09/04/13 15:08	1

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-123 13-15'

Lab Sample ID: 500-61811-24

Date Collected: 08/20/13 11:20

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 85.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<23		130	23	ug/Kg	☼	08/20/13 11:20	08/30/13 03:22	50
1,1,1-Trichloroethane	<13		66	13	ug/Kg	☼	08/20/13 11:20	08/30/13 03:22	50
1,1,2,2-Tetrachloroethane	<16		66	16	ug/Kg	☼	08/20/13 11:20	08/30/13 03:22	50
1,1,2-Trichloroethane	<19		66	19	ug/Kg	☼	08/20/13 11:20	08/30/13 03:22	50
1,1-Dichloroethane	<12		66	12	ug/Kg	☼	08/20/13 11:20	08/30/13 03:22	50
1,1-Dichloroethene	<20		66	20	ug/Kg	☼	08/20/13 11:20	08/30/13 03:22	50
1,1-Dichloropropene	<23		66	23	ug/Kg	☼	08/20/13 11:20	08/30/13 03:22	50
1,2,3-Trichlorobenzene	<23		130	23	ug/Kg	☼	08/20/13 11:20	08/30/13 03:22	50
1,2,3-Trichloropropane	<38		130	38	ug/Kg	☼	08/20/13 11:20	08/30/13 03:22	50
1,2,4-Trichlorobenzene	<25		130	25	ug/Kg	☼	08/20/13 11:20	08/30/13 03:22	50
1,2,4-Trimethylbenzene	<14		130	14	ug/Kg	☼	08/20/13 11:20	08/30/13 03:22	50
1,2-Dibromo-3-Chloropropane	<58		130	58	ug/Kg	☼	08/20/13 11:20	08/30/13 03:22	50
1,2-Dibromoethane	<21		130	21	ug/Kg	☼	08/20/13 11:20	08/30/13 03:22	50
1,2-Dichlorobenzene	<14		130	14	ug/Kg	☼	08/20/13 11:20	08/30/13 03:22	50
1,2-Dichloroethane	<19		66	19	ug/Kg	☼	08/20/13 11:20	08/30/13 03:22	50
1,2-Dichloropropane	<13		66	13	ug/Kg	☼	08/20/13 11:20	08/30/13 03:22	50
1,3,5-Trimethylbenzene	<14		130	14	ug/Kg	☼	08/20/13 11:20	08/30/13 03:22	50
1,3-Dichlorobenzene	<17		130	17	ug/Kg	☼	08/20/13 11:20	08/30/13 03:22	50
1,3-Dichloropropane	<8.9		66	8.9	ug/Kg	☼	08/20/13 11:20	08/30/13 03:22	50
1,4-Dichlorobenzene	<12		130	12	ug/Kg	☼	08/20/13 11:20	08/30/13 03:22	50
2,2-Dichloropropane	<21 *		66	21	ug/Kg	☼	08/20/13 11:20	08/30/13 03:22	50
2-Chlorotoluene	<14		66	14	ug/Kg	☼	08/20/13 11:20	08/30/13 03:22	50
4-Chlorotoluene	<13		66	13	ug/Kg	☼	08/20/13 11:20	08/30/13 03:22	50
Benzene	<4.9		17	4.9	ug/Kg	☼	08/20/13 11:20	08/30/13 03:22	50
Bromobenzene	<28		130	28	ug/Kg	☼	08/20/13 11:20	08/30/13 03:22	50
Bromochloromethane	<25		130	25	ug/Kg	☼	08/20/13 11:20	08/30/13 03:22	50
Bromodichloromethane	<22		130	22	ug/Kg	☼	08/20/13 11:20	08/30/13 03:22	50
Bromoform	<29		130	29	ug/Kg	☼	08/20/13 11:20	08/30/13 03:22	50
Bromomethane	<45		130	45	ug/Kg	☼	08/20/13 11:20	08/30/13 03:22	50
Carbon tetrachloride	<17		66	17	ug/Kg	☼	08/20/13 11:20	08/30/13 03:22	50
Chlorobenzene	<9.5		66	9.5	ug/Kg	☼	08/20/13 11:20	08/30/13 03:22	50
Chloroethane	<29		130	29	ug/Kg	☼	08/20/13 11:20	08/30/13 03:22	50
Chloroform	<14		66	14	ug/Kg	☼	08/20/13 11:20	08/30/13 03:22	50
Chloromethane	<31		130	31	ug/Kg	☼	08/20/13 11:20	08/30/13 03:22	50
cis-1,2-Dichloroethene	<8.2		66	8.2	ug/Kg	☼	08/20/13 11:20	08/30/13 03:22	50
cis-1,3-Dichloropropene	<12		66	12	ug/Kg	☼	08/20/13 11:20	08/30/13 03:22	50
Dibromochloromethane	<23		130	23	ug/Kg	☼	08/20/13 11:20	08/30/13 03:22	50
Dibromomethane	<32		130	32	ug/Kg	☼	08/20/13 11:20	08/30/13 03:22	50
Dichlorodifluoromethane	<34		130	34	ug/Kg	☼	08/20/13 11:20	08/30/13 03:22	50
Ethylbenzene	<8.4		17	8.4	ug/Kg	☼	08/20/13 11:20	08/30/13 03:22	50
Hexachlorobutadiene	<23		130	23	ug/Kg	☼	08/20/13 11:20	08/30/13 03:22	50
Isopropyl ether	<9.8		130	9.8	ug/Kg	☼	08/20/13 11:20	08/30/13 03:22	50
Isopropylbenzene	<17		130	17	ug/Kg	☼	08/20/13 11:20	08/30/13 03:22	50
Methyl tert-butyl ether	<29		130	29	ug/Kg	☼	08/20/13 11:20	08/30/13 03:22	50
Methylene Chloride	<45		330	45	ug/Kg	☼	08/20/13 11:20	08/30/13 03:22	50
Naphthalene	<33		130	33	ug/Kg	☼	08/20/13 11:20	08/30/13 03:22	50
n-Butylbenzene	<8.6		66	8.6	ug/Kg	☼	08/20/13 11:20	08/30/13 03:22	50
N-Propylbenzene	<12		130	12	ug/Kg	☼	08/20/13 11:20	08/30/13 03:22	50
p-Isopropyltoluene	<12		130	12	ug/Kg	☼	08/20/13 11:20	08/30/13 03:22	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-123 13-15'

Lab Sample ID: 500-61811-24

Date Collected: 08/20/13 11:20

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 85.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<10		66	10	ug/Kg	☼	08/20/13 11:20	08/30/13 03:22	50
Styrene	<6.6		66	6.6	ug/Kg	☼	08/20/13 11:20	08/30/13 03:22	50
tert-Butylbenzene	<9.0		66	9.0	ug/Kg	☼	08/20/13 11:20	08/30/13 03:22	50
Tetrachloroethene	<11		66	11	ug/Kg	☼	08/20/13 11:20	08/30/13 03:22	50
Toluene	<7.6		17	7.6	ug/Kg	☼	08/20/13 11:20	08/30/13 03:22	50
trans-1,2-Dichloroethene	<17		66	17	ug/Kg	☼	08/20/13 11:20	08/30/13 03:22	50
trans-1,3-Dichloropropene	<14		66	14	ug/Kg	☼	08/20/13 11:20	08/30/13 03:22	50
Trichloroethene	<12		33	12	ug/Kg	☼	08/20/13 11:20	08/30/13 03:22	50
Trichlorofluoromethane	<28		130	28	ug/Kg	☼	08/20/13 11:20	08/30/13 03:22	50
Vinyl chloride	<6.9		17	6.9	ug/Kg	☼	08/20/13 11:20	08/30/13 03:22	50
Xylenes, Total	<4.5		33	4.5	ug/Kg	☼	08/20/13 11:20	08/30/13 03:22	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		75 - 125				08/20/13 11:20	08/30/13 03:22	50
4-Bromofluorobenzene (Surr)	94		75 - 120				08/20/13 11:20	08/30/13 03:22	50
Dibromofluoromethane	88		75 - 120				08/20/13 11:20	08/30/13 03:22	50
Toluene-d8 (Surr)	91		75 - 120				08/20/13 11:20	08/30/13 03:22	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<18		36	18	ug/Kg	☼	09/01/13 21:51	09/04/13 14:09	1
2-Methylnaphthalene	<48		180	48	ug/Kg	☼	09/01/13 21:51	09/04/13 14:09	1
Acenaphthene	<11		36	11	ug/Kg	☼	09/01/13 21:51	09/04/13 14:09	1
Acenaphthylene	<8.4		36	8.4	ug/Kg	☼	09/01/13 21:51	09/04/13 14:09	1
Anthracene	<8.6		36	8.6	ug/Kg	☼	09/01/13 21:51	09/04/13 14:09	1
Benzo[a]anthracene	10	J	36	7.7	ug/Kg	☼	09/01/13 21:51	09/04/13 14:09	1
Benzo[a]pyrene	25	J	36	6.7	ug/Kg	☼	09/01/13 21:51	09/04/13 14:09	1
Benzo[b]fluoranthene	29	J	36	7.1	ug/Kg	☼	09/01/13 21:51	09/04/13 14:09	1
Benzo[g,h,i]perylene	36		36	12	ug/Kg	☼	09/01/13 21:51	09/04/13 14:09	1
Benzo[k]fluoranthene	12	J	36	8.7	ug/Kg	☼	09/01/13 21:51	09/04/13 14:09	1
Chrysene	17	J	36	8.3	ug/Kg	☼	09/01/13 21:51	09/04/13 14:09	1
Dibenz(a,h)anthracene	14	J	36	10	ug/Kg	☼	09/01/13 21:51	09/04/13 14:09	1
Fluoranthene	17	J	36	15	ug/Kg	☼	09/01/13 21:51	09/04/13 14:09	1
Fluorene	<8.3		36	8.3	ug/Kg	☼	09/01/13 21:51	09/04/13 14:09	1
Indeno[1,2,3-cd]pyrene	28	J	36	12	ug/Kg	☼	09/01/13 21:51	09/04/13 14:09	1
Naphthalene	<7.1		36	7.1	ug/Kg	☼	09/01/13 21:51	09/04/13 14:09	1
Phenanthrene	15	J	36	15	ug/Kg	☼	09/01/13 21:51	09/04/13 14:09	1
Pyrene	14	J	36	13	ug/Kg	☼	09/01/13 21:51	09/04/13 14:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	48		25 - 119				09/01/13 21:51	09/04/13 14:09	1
Nitrobenzene-d5 (Surr)	52		25 - 115				09/01/13 21:51	09/04/13 14:09	1
Terphenyl-d14 (Surr)	56		36 - 134				09/01/13 21:51	09/04/13 14:09	1

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-124 0-3'

Lab Sample ID: 500-61811-25

Date Collected: 08/20/13 09:30

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 83.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<24		140	24	ug/Kg	☼	08/20/13 09:30	08/30/13 03:47	50
1,1,1-Trichloroethane	<14		68	14	ug/Kg	☼	08/20/13 09:30	08/30/13 03:47	50
1,1,1,2,2-Tetrachloroethane	<16		68	16	ug/Kg	☼	08/20/13 09:30	08/30/13 03:47	50
1,1,2-Trichloroethane	<19		68	19	ug/Kg	☼	08/20/13 09:30	08/30/13 03:47	50
1,1-Dichloroethane	<13		68	13	ug/Kg	☼	08/20/13 09:30	08/30/13 03:47	50
1,1-Dichloroethene	<21		68	21	ug/Kg	☼	08/20/13 09:30	08/30/13 03:47	50
1,1-Dichloropropene	<24		68	24	ug/Kg	☼	08/20/13 09:30	08/30/13 03:47	50
1,2,3-Trichlorobenzene	<24		140	24	ug/Kg	☼	08/20/13 09:30	08/30/13 03:47	50
1,2,3-Trichloropropane	<39		140	39	ug/Kg	☼	08/20/13 09:30	08/30/13 03:47	50
1,2,4-Trichlorobenzene	<26		140	26	ug/Kg	☼	08/20/13 09:30	08/30/13 03:47	50
1,2,4-Trimethylbenzene	<14		140	14	ug/Kg	☼	08/20/13 09:30	08/30/13 03:47	50
1,2-Dibromo-3-Chloropropane	<60		140	60	ug/Kg	☼	08/20/13 09:30	08/30/13 03:47	50
1,2-Dibromoethane	<21		140	21	ug/Kg	☼	08/20/13 09:30	08/30/13 03:47	50
1,2-Dichlorobenzene	<14		140	14	ug/Kg	☼	08/20/13 09:30	08/30/13 03:47	50
1,2-Dichloroethane	<19		68	19	ug/Kg	☼	08/20/13 09:30	08/30/13 03:47	50
1,2-Dichloropropane	<13		68	13	ug/Kg	☼	08/20/13 09:30	08/30/13 03:47	50
1,3,5-Trimethylbenzene	37	J	140	14	ug/Kg	☼	08/20/13 09:30	08/30/13 03:47	50
1,3-Dichlorobenzene	<18		140	18	ug/Kg	☼	08/20/13 09:30	08/30/13 03:47	50
1,3-Dichloropropane	<9.2		68	9.2	ug/Kg	☼	08/20/13 09:30	08/30/13 03:47	50
1,4-Dichlorobenzene	<12		140	12	ug/Kg	☼	08/20/13 09:30	08/30/13 03:47	50
2,2-Dichloropropane	<22	*	68	22	ug/Kg	☼	08/20/13 09:30	08/30/13 03:47	50
2-Chlorotoluene	<14		68	14	ug/Kg	☼	08/20/13 09:30	08/30/13 03:47	50
4-Chlorotoluene	<13		68	13	ug/Kg	☼	08/20/13 09:30	08/30/13 03:47	50
Benzene	<5.1		17	5.1	ug/Kg	☼	08/20/13 09:30	08/30/13 03:47	50
Bromobenzene	<29		140	29	ug/Kg	☼	08/20/13 09:30	08/30/13 03:47	50
Bromochloromethane	<26		140	26	ug/Kg	☼	08/20/13 09:30	08/30/13 03:47	50
Bromodichloromethane	<23		140	23	ug/Kg	☼	08/20/13 09:30	08/30/13 03:47	50
Bromoform	<30		140	30	ug/Kg	☼	08/20/13 09:30	08/30/13 03:47	50
Bromomethane	<47		140	47	ug/Kg	☼	08/20/13 09:30	08/30/13 03:47	50
Carbon tetrachloride	<18		68	18	ug/Kg	☼	08/20/13 09:30	08/30/13 03:47	50
Chlorobenzene	<9.8		68	9.8	ug/Kg	☼	08/20/13 09:30	08/30/13 03:47	50
Chloroethane	<30		140	30	ug/Kg	☼	08/20/13 09:30	08/30/13 03:47	50
Chloroform	<14		68	14	ug/Kg	☼	08/20/13 09:30	08/30/13 03:47	50
Chloromethane	<32		140	32	ug/Kg	☼	08/20/13 09:30	08/30/13 03:47	50
cis-1,2-Dichloroethene	<8.4		68	8.4	ug/Kg	☼	08/20/13 09:30	08/30/13 03:47	50
cis-1,3-Dichloropropene	<12		68	12	ug/Kg	☼	08/20/13 09:30	08/30/13 03:47	50
Dibromochloromethane	<24		140	24	ug/Kg	☼	08/20/13 09:30	08/30/13 03:47	50
Dibromomethane	<33		140	33	ug/Kg	☼	08/20/13 09:30	08/30/13 03:47	50
Dichlorodifluoromethane	<35		140	35	ug/Kg	☼	08/20/13 09:30	08/30/13 03:47	50
Ethylbenzene	<8.6		17	8.6	ug/Kg	☼	08/20/13 09:30	08/30/13 03:47	50
Hexachlorobutadiene	<24		140	24	ug/Kg	☼	08/20/13 09:30	08/30/13 03:47	50
Isopropyl ether	<10		140	10	ug/Kg	☼	08/20/13 09:30	08/30/13 03:47	50
Isopropylbenzene	<17		140	17	ug/Kg	☼	08/20/13 09:30	08/30/13 03:47	50
Methyl tert-butyl ether	<29		140	29	ug/Kg	☼	08/20/13 09:30	08/30/13 03:47	50
Methylene Chloride	<47		340	47	ug/Kg	☼	08/20/13 09:30	08/30/13 03:47	50
Naphthalene	530		140	34	ug/Kg	☼	08/20/13 09:30	08/30/13 03:47	50
n-Butylbenzene	<8.8		68	8.8	ug/Kg	☼	08/20/13 09:30	08/30/13 03:47	50
N-Propylbenzene	<12		140	12	ug/Kg	☼	08/20/13 09:30	08/30/13 03:47	50
p-Isopropyltoluene	<13		140	13	ug/Kg	☼	08/20/13 09:30	08/30/13 03:47	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-124 0-3'

Lab Sample ID: 500-61811-25

Date Collected: 08/20/13 09:30

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 83.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<11		68	11	ug/Kg	☼	08/20/13 09:30	08/30/13 03:47	50
Styrene	<6.8		68	6.8	ug/Kg	☼	08/20/13 09:30	08/30/13 03:47	50
tert-Butylbenzene	<9.3		68	9.3	ug/Kg	☼	08/20/13 09:30	08/30/13 03:47	50
Tetrachloroethene	<11		68	11	ug/Kg	☼	08/20/13 09:30	08/30/13 03:47	50
Toluene	<7.9		17	7.9	ug/Kg	☼	08/20/13 09:30	08/30/13 03:47	50
trans-1,2-Dichloroethene	<17		68	17	ug/Kg	☼	08/20/13 09:30	08/30/13 03:47	50
trans-1,3-Dichloropropene	<14		68	14	ug/Kg	☼	08/20/13 09:30	08/30/13 03:47	50
Trichloroethene	<13		34	13	ug/Kg	☼	08/20/13 09:30	08/30/13 03:47	50
Trichlorofluoromethane	<28		140	28	ug/Kg	☼	08/20/13 09:30	08/30/13 03:47	50
Vinyl chloride	<7.1		17	7.1	ug/Kg	☼	08/20/13 09:30	08/30/13 03:47	50
Xylenes, Total	<4.7		34	4.7	ug/Kg	☼	08/20/13 09:30	08/30/13 03:47	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		75 - 125				08/20/13 09:30	08/30/13 03:47	50
4-Bromofluorobenzene (Surr)	92		75 - 120				08/20/13 09:30	08/30/13 03:47	50
Dibromofluoromethane	87		75 - 120				08/20/13 09:30	08/30/13 03:47	50
Toluene-d8 (Surr)	93		75 - 120				08/20/13 09:30	08/30/13 03:47	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	400		38	19	ug/Kg	☼	09/01/13 21:51	09/04/13 14:29	1
2-Methylnaphthalene	320		190	50	ug/Kg	☼	09/01/13 21:51	09/04/13 14:29	1
Acenaphthene	170		38	11	ug/Kg	☼	09/01/13 21:51	09/04/13 14:29	1
Acenaphthylene	89		38	8.8	ug/Kg	☼	09/01/13 21:51	09/04/13 14:29	1
Anthracene	110		38	9.0	ug/Kg	☼	09/01/13 21:51	09/04/13 14:29	1
Benzo[a]anthracene	440		38	8.0	ug/Kg	☼	09/01/13 21:51	09/04/13 14:29	1
Benzo[a]pyrene	700		38	7.0	ug/Kg	☼	09/01/13 21:51	09/04/13 14:29	1
Benzo[b]fluoranthene	1100		38	7.4	ug/Kg	☼	09/01/13 21:51	09/04/13 14:29	1
Benzo[g,h,i]perylene	560		38	13	ug/Kg	☼	09/01/13 21:51	09/04/13 14:29	1
Benzo[k]fluoranthene	390		38	9.1	ug/Kg	☼	09/01/13 21:51	09/04/13 14:29	1
Chrysene	600		38	8.6	ug/Kg	☼	09/01/13 21:51	09/04/13 14:29	1
Dibenz(a,h)anthracene	230		38	11	ug/Kg	☼	09/01/13 21:51	09/04/13 14:29	1
Fluoranthene	530		38	16	ug/Kg	☼	09/01/13 21:51	09/04/13 14:29	1
Fluorene	67		38	8.7	ug/Kg	☼	09/01/13 21:51	09/04/13 14:29	1
Indeno[1,2,3-cd]pyrene	490		38	13	ug/Kg	☼	09/01/13 21:51	09/04/13 14:29	1
Naphthalene	110		38	7.4	ug/Kg	☼	09/01/13 21:51	09/04/13 14:29	1
Phenanthrene	340		38	16	ug/Kg	☼	09/01/13 21:51	09/04/13 14:29	1
Pyrene	550		38	14	ug/Kg	☼	09/01/13 21:51	09/04/13 14:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	53		25 - 119				09/01/13 21:51	09/04/13 14:29	1
Nitrobenzene-d5 (Surr)	58		25 - 115				09/01/13 21:51	09/04/13 14:29	1
Terphenyl-d14 (Surr)	58		36 - 134				09/01/13 21:51	09/04/13 14:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<6.9		20	6.9	ug/Kg	☼	08/30/13 18:19	09/04/13 15:22	1
PCB-1221	<8.6		20	8.6	ug/Kg	☼	08/30/13 18:19	09/04/13 15:22	1
PCB-1232	<8.5		20	8.5	ug/Kg	☼	08/30/13 18:19	09/04/13 15:22	1
PCB-1242	<6.4		20	6.4	ug/Kg	☼	08/30/13 18:19	09/04/13 15:22	1

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-124 0-3'

Lab Sample ID: 500-61811-25

Date Collected: 08/20/13 09:30

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 83.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	<7.7		20	7.7	ug/Kg	☼	08/30/13 18:19	09/04/13 15:22	1
PCB-1254	<4.2		20	4.2	ug/Kg	☼	08/30/13 18:19	09/04/13 15:22	1
PCB-1260	<9.6		20	9.6	ug/Kg	☼	08/30/13 18:19	09/04/13 15:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro- <i>m</i> -xylene	75		50 - 116	08/30/13 18:19	09/04/13 15:22	1
DCB Decachlorobiphenyl	109		48 - 142	08/30/13 18:19	09/04/13 15:22	1



Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-124 4-6'

Lab Sample ID: 500-61811-26

Date Collected: 08/20/13 09:30

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 86.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<230		1300	230	ug/Kg	☼	08/20/13 09:30	08/30/13 04:11	500
1,1,1-Trichloroethane	<130		670	130	ug/Kg	☼	08/20/13 09:30	08/30/13 04:11	500
1,1,1,2,2-Tetrachloroethane	<160		670	160	ug/Kg	☼	08/20/13 09:30	08/30/13 04:11	500
1,1,2-Trichloroethane	<190		670	190	ug/Kg	☼	08/20/13 09:30	08/30/13 04:11	500
1,1-Dichloroethane	<120		670	120	ug/Kg	☼	08/20/13 09:30	08/30/13 04:11	500
1,1-Dichloroethene	<210		670	210	ug/Kg	☼	08/20/13 09:30	08/30/13 04:11	500
1,1-Dichloropropene	<230		670	230	ug/Kg	☼	08/20/13 09:30	08/30/13 04:11	500
1,2,3-Trichlorobenzene	<230		1300	230	ug/Kg	☼	08/20/13 09:30	08/30/13 04:11	500
1,2,3-Trichloropropane	<380		1300	380	ug/Kg	☼	08/20/13 09:30	08/30/13 04:11	500
1,2,4-Trichlorobenzene	<250		1300	250	ug/Kg	☼	08/20/13 09:30	08/30/13 04:11	500
1,2,4-Trimethylbenzene	22000		1300	140	ug/Kg	☼	08/20/13 09:30	08/30/13 04:11	500
1,2-Dibromo-3-Chloropropane	<580		1300	580	ug/Kg	☼	08/20/13 09:30	08/30/13 04:11	500
1,2-Dibromoethane	<210		1300	210	ug/Kg	☼	08/20/13 09:30	08/30/13 04:11	500
1,2-Dichlorobenzene	<140		1300	140	ug/Kg	☼	08/20/13 09:30	08/30/13 04:11	500
1,2-Dichloroethane	<190		670	190	ug/Kg	☼	08/20/13 09:30	08/30/13 04:11	500
1,2-Dichloropropane	<130		670	130	ug/Kg	☼	08/20/13 09:30	08/30/13 04:11	500
1,3,5-Trimethylbenzene	13000		1300	140	ug/Kg	☼	08/20/13 09:30	08/30/13 04:11	500
1,3-Dichlorobenzene	<170		1300	170	ug/Kg	☼	08/20/13 09:30	08/30/13 04:11	500
1,3-Dichloropropane	<90		670	90	ug/Kg	☼	08/20/13 09:30	08/30/13 04:11	500
1,4-Dichlorobenzene	<120		1300	120	ug/Kg	☼	08/20/13 09:30	08/30/13 04:11	500
2,2-Dichloropropane	<210	*	670	210	ug/Kg	☼	08/20/13 09:30	08/30/13 04:11	500
2-Chlorotoluene	<140		670	140	ug/Kg	☼	08/20/13 09:30	08/30/13 04:11	500
4-Chlorotoluene	<130		670	130	ug/Kg	☼	08/20/13 09:30	08/30/13 04:11	500
Benzene	<50		170	50	ug/Kg	☼	08/20/13 09:30	08/30/13 04:11	500
Bromobenzene	<280		1300	280	ug/Kg	☼	08/20/13 09:30	08/30/13 04:11	500
Bromochloromethane	<250		1300	250	ug/Kg	☼	08/20/13 09:30	08/30/13 04:11	500
Bromodichloromethane	<230		1300	230	ug/Kg	☼	08/20/13 09:30	08/30/13 04:11	500
Bromoform	<300		1300	300	ug/Kg	☼	08/20/13 09:30	08/30/13 04:11	500
Bromomethane	<460		1300	460	ug/Kg	☼	08/20/13 09:30	08/30/13 04:11	500
Carbon tetrachloride	<170		670	170	ug/Kg	☼	08/20/13 09:30	08/30/13 04:11	500
Chlorobenzene	<96		670	96	ug/Kg	☼	08/20/13 09:30	08/30/13 04:11	500
Chloroethane	<290		1300	290	ug/Kg	☼	08/20/13 09:30	08/30/13 04:11	500
Chloroform	<140		670	140	ug/Kg	☼	08/20/13 09:30	08/30/13 04:11	500
Chloromethane	<310		1300	310	ug/Kg	☼	08/20/13 09:30	08/30/13 04:11	500
cis-1,2-Dichloroethene	<82		670	82	ug/Kg	☼	08/20/13 09:30	08/30/13 04:11	500
cis-1,3-Dichloropropene	<120		670	120	ug/Kg	☼	08/20/13 09:30	08/30/13 04:11	500
Dibromochloromethane	<230		1300	230	ug/Kg	☼	08/20/13 09:30	08/30/13 04:11	500
Dibromomethane	<320		1300	320	ug/Kg	☼	08/20/13 09:30	08/30/13 04:11	500
Dichlorodifluoromethane	<340		1300	340	ug/Kg	☼	08/20/13 09:30	08/30/13 04:11	500
Ethylbenzene	5600		170	84	ug/Kg	☼	08/20/13 09:30	08/30/13 04:11	500
Hexachlorobutadiene	<230		1300	230	ug/Kg	☼	08/20/13 09:30	08/30/13 04:11	500
Isopropyl ether	<98		1300	98	ug/Kg	☼	08/20/13 09:30	08/30/13 04:11	500
Isopropylbenzene	1600		1300	170	ug/Kg	☼	08/20/13 09:30	08/30/13 04:11	500
Methyl tert-butyl ether	<290		1300	290	ug/Kg	☼	08/20/13 09:30	08/30/13 04:11	500
Methylene Chloride	<460		3300	460	ug/Kg	☼	08/20/13 09:30	08/30/13 04:11	500
n-Butylbenzene	1200		670	86	ug/Kg	☼	08/20/13 09:30	08/30/13 04:11	500
N-Propylbenzene	690 J		1300	120	ug/Kg	☼	08/20/13 09:30	08/30/13 04:11	500
p-Isopropyltoluene	690 J		1300	120	ug/Kg	☼	08/20/13 09:30	08/30/13 04:11	500
sec-Butylbenzene	<100		670	100	ug/Kg	☼	08/20/13 09:30	08/30/13 04:11	500

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-124 4-6'

Lab Sample ID: 500-61811-26

Date Collected: 08/20/13 09:30

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 86.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	<66		670	66	ug/Kg	☼	08/20/13 09:30	08/30/13 04:11	500
tert-Butylbenzene	<91		670	91	ug/Kg	☼	08/20/13 09:30	08/30/13 04:11	500
Tetrachloroethene	<110		670	110	ug/Kg	☼	08/20/13 09:30	08/30/13 04:11	500
Toluene	270		170	77	ug/Kg	☼	08/20/13 09:30	08/30/13 04:11	500
trans-1,2-Dichloroethene	<170		670	170	ug/Kg	☼	08/20/13 09:30	08/30/13 04:11	500
trans-1,3-Dichloropropene	<140		670	140	ug/Kg	☼	08/20/13 09:30	08/30/13 04:11	500
Trichloroethene	<120		330	120	ug/Kg	☼	08/20/13 09:30	08/30/13 04:11	500
Trichlorofluoromethane	<280		1300	280	ug/Kg	☼	08/20/13 09:30	08/30/13 04:11	500
Vinyl chloride	<70		170	70	ug/Kg	☼	08/20/13 09:30	08/30/13 04:11	500
Xylenes, Total	29000		330	46	ug/Kg	☼	08/20/13 09:30	08/30/13 04:11	500

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93		75 - 125	08/20/13 09:30	08/30/13 04:11	500
4-Bromofluorobenzene (Surr)	92		75 - 120	08/20/13 09:30	08/30/13 04:11	500
Dibromofluoromethane	89		75 - 120	08/20/13 09:30	08/30/13 04:11	500
Toluene-d8 (Surr)	91		75 - 120	08/20/13 09:30	08/30/13 04:11	500

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	270000		54000	13000	ug/Kg	☼	08/20/13 09:30	08/30/13 11:22	20000

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		75 - 125	08/20/13 09:30	08/30/13 11:22	20000
4-Bromofluorobenzene (Surr)	93		75 - 120	08/20/13 09:30	08/30/13 11:22	20000
Dibromofluoromethane	89		75 - 120	08/20/13 09:30	08/30/13 11:22	20000
Toluene-d8 (Surr)	90		75 - 120	08/20/13 09:30	08/30/13 11:22	20000

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	150000		37000	18000	ug/Kg	☼	09/01/13 21:51	09/05/13 23:33	1000
2-Methylnaphthalene	250000		190000	48000	ug/Kg	☼	09/01/13 21:51	09/05/13 23:33	1000
Acenaphthene	120000		37000	11000	ug/Kg	☼	09/01/13 21:51	09/05/13 23:33	1000
Acenaphthylene	19000	J	37000	8500	ug/Kg	☼	09/01/13 21:51	09/05/13 23:33	1000
Anthracene	82000		37000	8700	ug/Kg	☼	09/01/13 21:51	09/05/13 23:33	1000
Benzo[a]anthracene	40000		37000	7700	ug/Kg	☼	09/01/13 21:51	09/05/13 23:33	1000
Benzo[a]pyrene	17000	J	37000	6700	ug/Kg	☼	09/01/13 21:51	09/05/13 23:33	1000
Benzo[b]fluoranthene	28000	J	37000	7200	ug/Kg	☼	09/01/13 21:51	09/05/13 23:33	1000
Benzo[g,h,i]perylene	<12000		37000	12000	ug/Kg	☼	09/01/13 21:51	09/05/13 23:33	1000
Benzo[k]fluoranthene	9500	J	37000	8800	ug/Kg	☼	09/01/13 21:51	09/05/13 23:33	1000
Chrysene	28000	J	37000	8300	ug/Kg	☼	09/01/13 21:51	09/05/13 23:33	1000
Dibenz(a,h)anthracene	<10000		37000	10000	ug/Kg	☼	09/01/13 21:51	09/05/13 23:33	1000
Fluoranthene	170000		37000	15000	ug/Kg	☼	09/01/13 21:51	09/05/13 23:33	1000
Fluorene	120000		37000	8400	ug/Kg	☼	09/01/13 21:51	09/05/13 23:33	1000
Indeno[1,2,3-cd]pyrene	<12000		37000	12000	ug/Kg	☼	09/01/13 21:51	09/05/13 23:33	1000
Naphthalene	230000		37000	7100	ug/Kg	☼	09/01/13 21:51	09/05/13 23:33	1000
Phenanthrene	290000		37000	15000	ug/Kg	☼	09/01/13 21:51	09/05/13 23:33	1000
Pyrene	100000		37000	13000	ug/Kg	☼	09/01/13 21:51	09/05/13 23:33	1000

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	0	D	25 - 119	09/01/13 21:51	09/05/13 23:33	1000
Nitrobenzene-d5 (Surr)	0	D	25 - 115	09/01/13 21:51	09/05/13 23:33	1000

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-124 4-6'

Lab Sample ID: 500-61811-26

Date Collected: 08/20/13 09:30

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 86.5

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Terphenyl-d14 (Surr)	0	D	36 - 134	09/01/13 21:51	09/05/13 23:33	1000

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<6.6		19	6.6	ug/Kg	☼	08/30/13 18:19	09/04/13 15:36	1
PCB-1221	<8.2		19	8.2	ug/Kg	☼	08/30/13 18:19	09/04/13 15:36	1
PCB-1232	<8.1		19	8.1	ug/Kg	☼	08/30/13 18:19	09/04/13 15:36	1
PCB-1242	<6.1		19	6.1	ug/Kg	☼	08/30/13 18:19	09/04/13 15:36	1
PCB-1248	<7.4		19	7.4	ug/Kg	☼	08/30/13 18:19	09/04/13 15:36	1
PCB-1254	<4.0		19	4.0	ug/Kg	☼	08/30/13 18:19	09/04/13 15:36	1
PCB-1260	<9.2		19	9.2	ug/Kg	☼	08/30/13 18:19	09/04/13 15:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	91		50 - 116	08/30/13 18:19	09/04/13 15:36	1
DCB Decachlorobiphenyl	74		48 - 142	08/30/13 18:19	09/04/13 15:36	1

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-124 8-10'

Lab Sample ID: 500-61811-27

Date Collected: 08/20/13 09:40

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 83.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<95		550	95	ug/Kg	☼	08/20/13 09:40	08/30/13 05:00	200
1,1,1-Trichloroethane	<55		270	55	ug/Kg	☼	08/20/13 09:40	08/30/13 05:00	200
1,1,2,2-Tetrachloroethane	<64		270	64	ug/Kg	☼	08/20/13 09:40	08/30/13 05:00	200
1,1,2-Trichloroethane	<77		270	77	ug/Kg	☼	08/20/13 09:40	08/30/13 05:00	200
1,1-Dichloroethane	<51		270	51	ug/Kg	☼	08/20/13 09:40	08/30/13 05:00	200
1,1-Dichloroethene	<84		270	84	ug/Kg	☼	08/20/13 09:40	08/30/13 05:00	200
1,1-Dichloropropene	<94		270	94	ug/Kg	☼	08/20/13 09:40	08/30/13 05:00	200
1,2,3-Trichlorobenzene	<96		550	96	ug/Kg	☼	08/20/13 09:40	08/30/13 05:00	200
1,2,3-Trichloropropane	<160		550	160	ug/Kg	☼	08/20/13 09:40	08/30/13 05:00	200
1,2,4-Trichlorobenzene	<100		550	100	ug/Kg	☼	08/20/13 09:40	08/30/13 05:00	200
1,2,4-Trimethylbenzene	6100		550	58	ug/Kg	☼	08/20/13 09:40	08/30/13 05:00	200
1,2-Dibromo-3-Chloropropane	<240		550	240	ug/Kg	☼	08/20/13 09:40	08/30/13 05:00	200
1,2-Dibromoethane	<86		550	86	ug/Kg	☼	08/20/13 09:40	08/30/13 05:00	200
1,2-Dichlorobenzene	<56		550	56	ug/Kg	☼	08/20/13 09:40	08/30/13 05:00	200
1,2-Dichloroethane	<78		270	78	ug/Kg	☼	08/20/13 09:40	08/30/13 05:00	200
1,2-Dichloropropane	<54		270	54	ug/Kg	☼	08/20/13 09:40	08/30/13 05:00	200
1,3,5-Trimethylbenzene	2000		550	56	ug/Kg	☼	08/20/13 09:40	08/30/13 05:00	200
1,3-Dichlorobenzene	<70		550	70	ug/Kg	☼	08/20/13 09:40	08/30/13 05:00	200
1,3-Dichloropropane	<37		270	37	ug/Kg	☼	08/20/13 09:40	08/30/13 05:00	200
1,4-Dichlorobenzene	<48		550	48	ug/Kg	☼	08/20/13 09:40	08/30/13 05:00	200
2,2-Dichloropropane	<87	*	270	87	ug/Kg	☼	08/20/13 09:40	08/30/13 05:00	200
2-Chlorotoluene	<57		270	57	ug/Kg	☼	08/20/13 09:40	08/30/13 05:00	200
4-Chlorotoluene	<54		270	54	ug/Kg	☼	08/20/13 09:40	08/30/13 05:00	200
Benzene	270		69	20	ug/Kg	☼	08/20/13 09:40	08/30/13 05:00	200
Bromobenzene	<120		550	120	ug/Kg	☼	08/20/13 09:40	08/30/13 05:00	200
Bromochloromethane	<100		550	100	ug/Kg	☼	08/20/13 09:40	08/30/13 05:00	200
Bromodichloromethane	<93		550	93	ug/Kg	☼	08/20/13 09:40	08/30/13 05:00	200
Bromoform	<120		550	120	ug/Kg	☼	08/20/13 09:40	08/30/13 05:00	200
Bromomethane	<190		550	190	ug/Kg	☼	08/20/13 09:40	08/30/13 05:00	200
Carbon tetrachloride	<70		270	70	ug/Kg	☼	08/20/13 09:40	08/30/13 05:00	200
Chlorobenzene	<39		270	39	ug/Kg	☼	08/20/13 09:40	08/30/13 05:00	200
Chloroethane	<120		550	120	ug/Kg	☼	08/20/13 09:40	08/30/13 05:00	200
Chloroform	<56		270	56	ug/Kg	☼	08/20/13 09:40	08/30/13 05:00	200
Chloromethane	<130		550	130	ug/Kg	☼	08/20/13 09:40	08/30/13 05:00	200
cis-1,2-Dichloroethene	<34		270	34	ug/Kg	☼	08/20/13 09:40	08/30/13 05:00	200
cis-1,3-Dichloropropene	<49		270	49	ug/Kg	☼	08/20/13 09:40	08/30/13 05:00	200
Dibromochloromethane	<95		550	95	ug/Kg	☼	08/20/13 09:40	08/30/13 05:00	200
Dibromomethane	<130		550	130	ug/Kg	☼	08/20/13 09:40	08/30/13 05:00	200
Dichlorodifluoromethane	<140		550	140	ug/Kg	☼	08/20/13 09:40	08/30/13 05:00	200
Ethylbenzene	2300		69	35	ug/Kg	☼	08/20/13 09:40	08/30/13 05:00	200
Hexachlorobutadiene	<95		550	95	ug/Kg	☼	08/20/13 09:40	08/30/13 05:00	200
Isopropyl ether	<40		550	40	ug/Kg	☼	08/20/13 09:40	08/30/13 05:00	200
Isopropylbenzene	750		550	69	ug/Kg	☼	08/20/13 09:40	08/30/13 05:00	200
Methyl tert-butyl ether	<120		550	120	ug/Kg	☼	08/20/13 09:40	08/30/13 05:00	200
Methylene Chloride	<190		1400	190	ug/Kg	☼	08/20/13 09:40	08/30/13 05:00	200
n-Butylbenzene	<35		270	35	ug/Kg	☼	08/20/13 09:40	08/30/13 05:00	200
N-Propylbenzene	190 J		550	48	ug/Kg	☼	08/20/13 09:40	08/30/13 05:00	200
p-Isopropyltoluene	180 J		550	51	ug/Kg	☼	08/20/13 09:40	08/30/13 05:00	200
sec-Butylbenzene	<42		270	42	ug/Kg	☼	08/20/13 09:40	08/30/13 05:00	200

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-124 8-10'

Lab Sample ID: 500-61811-27

Date Collected: 08/20/13 09:40

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 83.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	<27		270	27	ug/Kg	☼	08/20/13 09:40	08/30/13 05:00	200
tert-Butylbenzene	<37		270	37	ug/Kg	☼	08/20/13 09:40	08/30/13 05:00	200
Tetrachloroethene	<46		270	46	ug/Kg	☼	08/20/13 09:40	08/30/13 05:00	200
Toluene	<32		69	32	ug/Kg	☼	08/20/13 09:40	08/30/13 05:00	200
trans-1,2-Dichloroethene	<69		270	69	ug/Kg	☼	08/20/13 09:40	08/30/13 05:00	200
trans-1,3-Dichloropropene	<57		270	57	ug/Kg	☼	08/20/13 09:40	08/30/13 05:00	200
Trichloroethene	<51		140	51	ug/Kg	☼	08/20/13 09:40	08/30/13 05:00	200
Trichlorofluoromethane	<110		550	110	ug/Kg	☼	08/20/13 09:40	08/30/13 05:00	200
Vinyl chloride	<29		69	29	ug/Kg	☼	08/20/13 09:40	08/30/13 05:00	200
Xylenes, Total	1300		140	19	ug/Kg	☼	08/20/13 09:40	08/30/13 05:00	200

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		75 - 125	08/20/13 09:40	08/30/13 05:00	200
4-Bromofluorobenzene (Surr)	92		75 - 120	08/20/13 09:40	08/30/13 05:00	200
Dibromofluoromethane	88		75 - 120	08/20/13 09:40	08/30/13 05:00	200
Toluene-d8 (Surr)	90		75 - 120	08/20/13 09:40	08/30/13 05:00	200

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	230000		5500	1400	ug/Kg	☼	08/20/13 09:40	08/30/13 05:25	2000

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94		75 - 125	08/20/13 09:40	08/30/13 05:25	2000
4-Bromofluorobenzene (Surr)	95		75 - 120	08/20/13 09:40	08/30/13 05:25	2000
Dibromofluoromethane	89		75 - 120	08/20/13 09:40	08/30/13 05:25	2000
Toluene-d8 (Surr)	93		75 - 120	08/20/13 09:40	08/30/13 05:25	2000

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	9500		760	380	ug/Kg	☼	09/01/13 21:51	09/05/13 23:51	20
2-Methylnaphthalene	18000		3900	990	ug/Kg	☼	09/01/13 21:51	09/05/13 23:51	20
Acenaphthene	8300		760	230	ug/Kg	☼	09/01/13 21:51	09/05/13 23:51	20
Acenaphthylene	280	J	760	180	ug/Kg	☼	09/01/13 21:51	09/05/13 23:51	20
Anthracene	15000		760	180	ug/Kg	☼	09/01/13 21:51	09/05/13 23:51	20
Benzo[a]anthracene	4400		760	160	ug/Kg	☼	09/01/13 21:51	09/05/13 23:51	20
Benzo[a]pyrene	1800		760	140	ug/Kg	☼	09/01/13 21:51	09/05/13 23:51	20
Benzo[b]fluoranthene	2500		760	150	ug/Kg	☼	09/01/13 21:51	09/05/13 23:51	20
Benzo[g,h,i]perylene	910		760	260	ug/Kg	☼	09/01/13 21:51	09/05/13 23:51	20
Benzo[k]fluoranthene	1500		760	180	ug/Kg	☼	09/01/13 21:51	09/05/13 23:51	20
Chrysene	7300		760	170	ug/Kg	☼	09/01/13 21:51	09/05/13 23:51	20
Dibenz(a,h)anthracene	420	J	760	210	ug/Kg	☼	09/01/13 21:51	09/05/13 23:51	20
Fluoranthene	19000		760	310	ug/Kg	☼	09/01/13 21:51	09/05/13 23:51	20
Fluorene	7900		760	170	ug/Kg	☼	09/01/13 21:51	09/05/13 23:51	20
Indeno[1,2,3-cd]pyrene	830		760	260	ug/Kg	☼	09/01/13 21:51	09/05/13 23:51	20
Phenanthrene	27000		760	320	ug/Kg	☼	09/01/13 21:51	09/05/13 23:51	20
Pyrene	12000		760	280	ug/Kg	☼	09/01/13 21:51	09/05/13 23:51	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	59		25 - 119	09/01/13 21:51	09/05/13 23:51	20
Nitrobenzene-d5 (Surr)	62		25 - 115	09/01/13 21:51	09/05/13 23:51	20
Terphenyl-d14 (Surr)	61		36 - 134	09/01/13 21:51	09/05/13 23:51	20

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-124 8-10'

Lab Sample ID: 500-61811-27

Date Collected: 08/20/13 09:40

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 83.0

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	87000		1900	370	ug/Kg	☼	09/01/13 21:51	09/06/13 21:29	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<6.7		19	6.7	ug/Kg	☼	09/03/13 21:31	09/04/13 20:09	1
PCB-1221	<8.4		19	8.4	ug/Kg	☼	09/03/13 21:31	09/04/13 20:09	1
PCB-1232	<8.3		19	8.3	ug/Kg	☼	09/03/13 21:31	09/04/13 20:09	1
PCB-1242	<6.3		19	6.3	ug/Kg	☼	09/03/13 21:31	09/04/13 20:09	1
PCB-1248	<7.5		19	7.5	ug/Kg	☼	09/03/13 21:31	09/04/13 20:09	1
PCB-1254	<4.1		19	4.1	ug/Kg	☼	09/03/13 21:31	09/04/13 20:09	1
PCB-1260	<9.4		19	9.4	ug/Kg	☼	09/03/13 21:31	09/04/13 20:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	67		50 - 116	09/03/13 21:31	09/04/13 20:09	1
DCB Decachlorobiphenyl	77		48 - 142	09/03/13 21:31	09/04/13 20:09	1

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-124 13-15'

Lab Sample ID: 500-61811-28

Date Collected: 08/20/13 09:50

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 83.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<24		140	24	ug/Kg	*	08/20/13 09:50	08/30/13 05:50	50
1,1,1-Trichloroethane	<14		70	14	ug/Kg	*	08/20/13 09:50	08/30/13 05:50	50
1,1,2,2-Tetrachloroethane	<16		70	16	ug/Kg	*	08/20/13 09:50	08/30/13 05:50	50
1,1,2-Trichloroethane	<20		70	20	ug/Kg	*	08/20/13 09:50	08/30/13 05:50	50
1,1-Dichloroethane	<13		70	13	ug/Kg	*	08/20/13 09:50	08/30/13 05:50	50
1,1-Dichloroethene	<22		70	22	ug/Kg	*	08/20/13 09:50	08/30/13 05:50	50
1,1-Dichloropropene	<24		70	24	ug/Kg	*	08/20/13 09:50	08/30/13 05:50	50
1,2,3-Trichlorobenzene	<25		140	25	ug/Kg	*	08/20/13 09:50	08/30/13 05:50	50
1,2,3-Trichloropropane	<40		140	40	ug/Kg	*	08/20/13 09:50	08/30/13 05:50	50
1,2,4-Trichlorobenzene	<27		140	27	ug/Kg	*	08/20/13 09:50	08/30/13 05:50	50
1,2,4-Trimethylbenzene	<15		140	15	ug/Kg	*	08/20/13 09:50	08/30/13 05:50	50
1,2-Dibromo-3-Chloropropane	<61		140	61	ug/Kg	*	08/20/13 09:50	08/30/13 05:50	50
1,2-Dibromoethane	<22		140	22	ug/Kg	*	08/20/13 09:50	08/30/13 05:50	50
1,2-Dichlorobenzene	<14		140	14	ug/Kg	*	08/20/13 09:50	08/30/13 05:50	50
1,2-Dichloroethane	<20		70	20	ug/Kg	*	08/20/13 09:50	08/30/13 05:50	50
1,2-Dichloropropane	<14		70	14	ug/Kg	*	08/20/13 09:50	08/30/13 05:50	50
1,3,5-Trimethylbenzene	<14		140	14	ug/Kg	*	08/20/13 09:50	08/30/13 05:50	50
1,3-Dichlorobenzene	<18		140	18	ug/Kg	*	08/20/13 09:50	08/30/13 05:50	50
1,3-Dichloropropane	<9.4		70	9.4	ug/Kg	*	08/20/13 09:50	08/30/13 05:50	50
1,4-Dichlorobenzene	<12		140	12	ug/Kg	*	08/20/13 09:50	08/30/13 05:50	50
2,2-Dichloropropane	<22 *		70	22	ug/Kg	*	08/20/13 09:50	08/30/13 05:50	50
2-Chlorotoluene	<15		70	15	ug/Kg	*	08/20/13 09:50	08/30/13 05:50	50
4-Chlorotoluene	<14		70	14	ug/Kg	*	08/20/13 09:50	08/30/13 05:50	50
Benzene	<5.2		18	5.2	ug/Kg	*	08/20/13 09:50	08/30/13 05:50	50
Bromobenzene	<30		140	30	ug/Kg	*	08/20/13 09:50	08/30/13 05:50	50
Bromochloromethane	<27		140	27	ug/Kg	*	08/20/13 09:50	08/30/13 05:50	50
Bromodichloromethane	<24		140	24	ug/Kg	*	08/20/13 09:50	08/30/13 05:50	50
Bromoform	<31		140	31	ug/Kg	*	08/20/13 09:50	08/30/13 05:50	50
Bromomethane	<48		140	48	ug/Kg	*	08/20/13 09:50	08/30/13 05:50	50
Carbon tetrachloride	<18		70	18	ug/Kg	*	08/20/13 09:50	08/30/13 05:50	50
Chlorobenzene	<10		70	10	ug/Kg	*	08/20/13 09:50	08/30/13 05:50	50
Chloroethane	<31		140	31	ug/Kg	*	08/20/13 09:50	08/30/13 05:50	50
Chloroform	<14		70	14	ug/Kg	*	08/20/13 09:50	08/30/13 05:50	50
Chloromethane	<32		140	32	ug/Kg	*	08/20/13 09:50	08/30/13 05:50	50
cis-1,2-Dichloroethene	<8.6		70	8.6	ug/Kg	*	08/20/13 09:50	08/30/13 05:50	50
cis-1,3-Dichloropropene	<12		70	12	ug/Kg	*	08/20/13 09:50	08/30/13 05:50	50
Dibromochloromethane	<24		140	24	ug/Kg	*	08/20/13 09:50	08/30/13 05:50	50
Dibromomethane	<34		140	34	ug/Kg	*	08/20/13 09:50	08/30/13 05:50	50
Dichlorodifluoromethane	<36		140	36	ug/Kg	*	08/20/13 09:50	08/30/13 05:50	50
Ethylbenzene	<8.8		18	8.8	ug/Kg	*	08/20/13 09:50	08/30/13 05:50	50
Hexachlorobutadiene	<24		140	24	ug/Kg	*	08/20/13 09:50	08/30/13 05:50	50
Isopropyl ether	<10		140	10	ug/Kg	*	08/20/13 09:50	08/30/13 05:50	50
Isopropylbenzene	<18		140	18	ug/Kg	*	08/20/13 09:50	08/30/13 05:50	50
Methyl tert-butyl ether	<30		140	30	ug/Kg	*	08/20/13 09:50	08/30/13 05:50	50
Methylene Chloride	<48		350	48	ug/Kg	*	08/20/13 09:50	08/30/13 05:50	50
Naphthalene	290		140	35	ug/Kg	*	08/20/13 09:50	08/30/13 05:50	50
n-Butylbenzene	<9.1		70	9.1	ug/Kg	*	08/20/13 09:50	08/30/13 05:50	50
N-Propylbenzene	<12		140	12	ug/Kg	*	08/20/13 09:50	08/30/13 05:50	50
p-Isopropyltoluene	<13		140	13	ug/Kg	*	08/20/13 09:50	08/30/13 05:50	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-124 13-15'

Lab Sample ID: 500-61811-28

Date Collected: 08/20/13 09:50

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 83.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<11		70	11	ug/Kg	☼	08/20/13 09:50	08/30/13 05:50	50
Styrene	<6.9		70	6.9	ug/Kg	☼	08/20/13 09:50	08/30/13 05:50	50
tert-Butylbenzene	<9.5		70	9.5	ug/Kg	☼	08/20/13 09:50	08/30/13 05:50	50
Tetrachloroethene	<12		70	12	ug/Kg	☼	08/20/13 09:50	08/30/13 05:50	50
Toluene	<8.1		18	8.1	ug/Kg	☼	08/20/13 09:50	08/30/13 05:50	50
trans-1,2-Dichloroethene	<18		70	18	ug/Kg	☼	08/20/13 09:50	08/30/13 05:50	50
trans-1,3-Dichloropropene	<15		70	15	ug/Kg	☼	08/20/13 09:50	08/30/13 05:50	50
Trichloroethene	<13		35	13	ug/Kg	☼	08/20/13 09:50	08/30/13 05:50	50
Trichlorofluoromethane	<29		140	29	ug/Kg	☼	08/20/13 09:50	08/30/13 05:50	50
Vinyl chloride	<7.3		18	7.3	ug/Kg	☼	08/20/13 09:50	08/30/13 05:50	50
Xylenes, Total	<4.8		35	4.8	ug/Kg	☼	08/20/13 09:50	08/30/13 05:50	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94		75 - 125				08/20/13 09:50	08/30/13 05:50	50
4-Bromofluorobenzene (Surr)	95		75 - 120				08/20/13 09:50	08/30/13 05:50	50
Dibromofluoromethane	84		75 - 120				08/20/13 09:50	08/30/13 05:50	50
Toluene-d8 (Surr)	96		75 - 120				08/20/13 09:50	08/30/13 05:50	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	910		39	19	ug/Kg	☼	09/01/13 21:51	09/04/13 15:27	1
2-Methylnaphthalene	2100		200	51	ug/Kg	☼	09/01/13 21:51	09/04/13 15:27	1
Acenaphthene	1800		39	12	ug/Kg	☼	09/01/13 21:51	09/04/13 15:27	1
Acenaphthylene	120		39	9.0	ug/Kg	☼	09/01/13 21:51	09/04/13 15:27	1
Anthracene	400		39	9.2	ug/Kg	☼	09/01/13 21:51	09/04/13 15:27	1
Benzo[a]anthracene	240		39	8.2	ug/Kg	☼	09/01/13 21:51	09/04/13 15:27	1
Benzo[a]pyrene	150		39	7.1	ug/Kg	☼	09/01/13 21:51	09/04/13 15:27	1
Benzo[b]fluoranthene	210		39	7.6	ug/Kg	☼	09/01/13 21:51	09/04/13 15:27	1
Benzo[g,h,i]perylene	100		39	13	ug/Kg	☼	09/01/13 21:51	09/04/13 15:27	1
Benzo[k]fluoranthene	90		39	9.3	ug/Kg	☼	09/01/13 21:51	09/04/13 15:27	1
Chrysene	210		39	8.8	ug/Kg	☼	09/01/13 21:51	09/04/13 15:27	1
Dibenz(a,h)anthracene	29 J		39	11	ug/Kg	☼	09/01/13 21:51	09/04/13 15:27	1
Fluoranthene	1100		39	16	ug/Kg	☼	09/01/13 21:51	09/04/13 15:27	1
Fluorene	2000		39	8.9	ug/Kg	☼	09/01/13 21:51	09/04/13 15:27	1
Indeno[1,2,3-cd]pyrene	80		39	13	ug/Kg	☼	09/01/13 21:51	09/04/13 15:27	1
Naphthalene	1300		39	7.5	ug/Kg	☼	09/01/13 21:51	09/04/13 15:27	1
Pyrene	680		39	14	ug/Kg	☼	09/01/13 21:51	09/04/13 15:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	51		25 - 119				09/01/13 21:51	09/04/13 15:27	1
Nitrobenzene-d5 (Surr)	51		25 - 115				09/01/13 21:51	09/04/13 15:27	1
Terphenyl-d14 (Surr)	59		36 - 134				09/01/13 21:51	09/04/13 15:27	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	4000		190	82	ug/Kg	☼	09/01/13 21:51	09/09/13 17:02	5

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-124 18-20'

Lab Sample ID: 500-61811-29

Date Collected: 08/20/13 10:00

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 86.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<23		130	23	ug/Kg	☼	08/20/13 10:00	08/30/13 06:15	50
1,1,1-Trichloroethane	<13		66	13	ug/Kg	☼	08/20/13 10:00	08/30/13 06:15	50
1,1,1,2,2-Tetrachloroethane	<15		66	15	ug/Kg	☼	08/20/13 10:00	08/30/13 06:15	50
1,1,1,2-Trichloroethane	<18		66	18	ug/Kg	☼	08/20/13 10:00	08/30/13 06:15	50
1,1-Dichloroethane	<12		66	12	ug/Kg	☼	08/20/13 10:00	08/30/13 06:15	50
1,1-Dichloroethene	<20		66	20	ug/Kg	☼	08/20/13 10:00	08/30/13 06:15	50
1,1-Dichloropropene	<23		66	23	ug/Kg	☼	08/20/13 10:00	08/30/13 06:15	50
1,2,3-Trichlorobenzene	<23		130	23	ug/Kg	☼	08/20/13 10:00	08/30/13 06:15	50
1,2,3-Trichloropropane	<38		130	38	ug/Kg	☼	08/20/13 10:00	08/30/13 06:15	50
1,2,4-Trichlorobenzene	<25		130	25	ug/Kg	☼	08/20/13 10:00	08/30/13 06:15	50
1,2,4-Trimethylbenzene	<14		130	14	ug/Kg	☼	08/20/13 10:00	08/30/13 06:15	50
1,2-Dibromo-3-Chloropropane	<57		130	57	ug/Kg	☼	08/20/13 10:00	08/30/13 06:15	50
1,2-Dibromoethane	<21		130	21	ug/Kg	☼	08/20/13 10:00	08/30/13 06:15	50
1,2-Dichlorobenzene	<14		130	14	ug/Kg	☼	08/20/13 10:00	08/30/13 06:15	50
1,2-Dichloroethane	<19		66	19	ug/Kg	☼	08/20/13 10:00	08/30/13 06:15	50
1,2-Dichloropropane	<13		66	13	ug/Kg	☼	08/20/13 10:00	08/30/13 06:15	50
1,3,5-Trimethylbenzene	<14		130	14	ug/Kg	☼	08/20/13 10:00	08/30/13 06:15	50
1,3-Dichlorobenzene	<17		130	17	ug/Kg	☼	08/20/13 10:00	08/30/13 06:15	50
1,3-Dichloropropane	<8.8		66	8.8	ug/Kg	☼	08/20/13 10:00	08/30/13 06:15	50
1,4-Dichlorobenzene	<11		130	11	ug/Kg	☼	08/20/13 10:00	08/30/13 06:15	50
2,2-Dichloropropane	<21 *		66	21	ug/Kg	☼	08/20/13 10:00	08/30/13 06:15	50
2-Chlorotoluene	<14		66	14	ug/Kg	☼	08/20/13 10:00	08/30/13 06:15	50
4-Chlorotoluene	<13		66	13	ug/Kg	☼	08/20/13 10:00	08/30/13 06:15	50
Benzene	<4.9		16	4.9	ug/Kg	☼	08/20/13 10:00	08/30/13 06:15	50
Bromobenzene	<28		130	28	ug/Kg	☼	08/20/13 10:00	08/30/13 06:15	50
Bromochloromethane	<25		130	25	ug/Kg	☼	08/20/13 10:00	08/30/13 06:15	50
Bromodichloromethane	<22		130	22	ug/Kg	☼	08/20/13 10:00	08/30/13 06:15	50
Bromoform	<29		130	29	ug/Kg	☼	08/20/13 10:00	08/30/13 06:15	50
Bromomethane	<45		130	45	ug/Kg	☼	08/20/13 10:00	08/30/13 06:15	50
Carbon tetrachloride	<17		66	17	ug/Kg	☼	08/20/13 10:00	08/30/13 06:15	50
Chlorobenzene	<9.4		66	9.4	ug/Kg	☼	08/20/13 10:00	08/30/13 06:15	50
Chloroethane	<29		130	29	ug/Kg	☼	08/20/13 10:00	08/30/13 06:15	50
Chloroform	<14		66	14	ug/Kg	☼	08/20/13 10:00	08/30/13 06:15	50
Chloromethane	<30		130	30	ug/Kg	☼	08/20/13 10:00	08/30/13 06:15	50
cis-1,2-Dichloroethene	<8.1		66	8.1	ug/Kg	☼	08/20/13 10:00	08/30/13 06:15	50
cis-1,3-Dichloropropene	<12		66	12	ug/Kg	☼	08/20/13 10:00	08/30/13 06:15	50
Dibromochloromethane	<23		130	23	ug/Kg	☼	08/20/13 10:00	08/30/13 06:15	50
Dibromomethane	<32		130	32	ug/Kg	☼	08/20/13 10:00	08/30/13 06:15	50
Dichlorodifluoromethane	<34		130	34	ug/Kg	☼	08/20/13 10:00	08/30/13 06:15	50
Ethylbenzene	<8.3		16	8.3	ug/Kg	☼	08/20/13 10:00	08/30/13 06:15	50
Hexachlorobutadiene	<23		130	23	ug/Kg	☼	08/20/13 10:00	08/30/13 06:15	50
Isopropyl ether	<9.7		130	9.7	ug/Kg	☼	08/20/13 10:00	08/30/13 06:15	50
Isopropylbenzene	<17		130	17	ug/Kg	☼	08/20/13 10:00	08/30/13 06:15	50
Methyl tert-butyl ether	<28		130	28	ug/Kg	☼	08/20/13 10:00	08/30/13 06:15	50
Methylene Chloride	<45		330	45	ug/Kg	☼	08/20/13 10:00	08/30/13 06:15	50
Naphthalene	<33		130	33	ug/Kg	☼	08/20/13 10:00	08/30/13 06:15	50
n-Butylbenzene	<8.5		66	8.5	ug/Kg	☼	08/20/13 10:00	08/30/13 06:15	50
N-Propylbenzene	<12		130	12	ug/Kg	☼	08/20/13 10:00	08/30/13 06:15	50
p-Isopropyltoluene	<12		130	12	ug/Kg	☼	08/20/13 10:00	08/30/13 06:15	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-124 18-20'

Lab Sample ID: 500-61811-29

Date Collected: 08/20/13 10:00

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 86.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<10		66	10	ug/Kg	☼	08/20/13 10:00	08/30/13 06:15	50
Styrene	<6.5		66	6.5	ug/Kg	☼	08/20/13 10:00	08/30/13 06:15	50
tert-Butylbenzene	<9.0		66	9.0	ug/Kg	☼	08/20/13 10:00	08/30/13 06:15	50
Tetrachloroethene	<11		66	11	ug/Kg	☼	08/20/13 10:00	08/30/13 06:15	50
Toluene	<7.6		16	7.6	ug/Kg	☼	08/20/13 10:00	08/30/13 06:15	50
trans-1,2-Dichloroethene	<16		66	16	ug/Kg	☼	08/20/13 10:00	08/30/13 06:15	50
trans-1,3-Dichloropropene	<14		66	14	ug/Kg	☼	08/20/13 10:00	08/30/13 06:15	50
Trichloroethene	<12		33	12	ug/Kg	☼	08/20/13 10:00	08/30/13 06:15	50
Trichlorofluoromethane	<27		130	27	ug/Kg	☼	08/20/13 10:00	08/30/13 06:15	50
Vinyl chloride	<6.9		16	6.9	ug/Kg	☼	08/20/13 10:00	08/30/13 06:15	50
Xylenes, Total	<4.5		33	4.5	ug/Kg	☼	08/20/13 10:00	08/30/13 06:15	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		75 - 125				08/20/13 10:00	08/30/13 06:15	50
4-Bromofluorobenzene (Surr)	96		75 - 120				08/20/13 10:00	08/30/13 06:15	50
Dibromofluoromethane	86		75 - 120				08/20/13 10:00	08/30/13 06:15	50
Toluene-d8 (Surr)	93		75 - 120				08/20/13 10:00	08/30/13 06:15	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<19		37	19	ug/Kg	☼	09/01/13 21:51	09/04/13 16:06	1
2-Methylnaphthalene	<49		190	49	ug/Kg	☼	09/01/13 21:51	09/04/13 16:06	1
Acenaphthene	<11		37	11	ug/Kg	☼	09/01/13 21:51	09/04/13 16:06	1
Acenaphthylene	10	J	37	8.7	ug/Kg	☼	09/01/13 21:51	09/04/13 16:06	1
Anthracene	<8.9		37	8.9	ug/Kg	☼	09/01/13 21:51	09/04/13 16:06	1
Benzo[a]anthracene	15	J	37	7.9	ug/Kg	☼	09/01/13 21:51	09/04/13 16:06	1
Benzo[a]pyrene	15	J	37	6.9	ug/Kg	☼	09/01/13 21:51	09/04/13 16:06	1
Benzo[b]fluoranthene	14	J	37	7.3	ug/Kg	☼	09/01/13 21:51	09/04/13 16:06	1
Benzo[g,h,i]perylene	32	J	37	13	ug/Kg	☼	09/01/13 21:51	09/04/13 16:06	1
Benzo[k]fluoranthene	<9.0		37	9.0	ug/Kg	☼	09/01/13 21:51	09/04/13 16:06	1
Chrysene	15	J	37	8.5	ug/Kg	☼	09/01/13 21:51	09/04/13 16:06	1
Dibenz(a,h)anthracene	13	J	37	11	ug/Kg	☼	09/01/13 21:51	09/04/13 16:06	1
Fluoranthene	17	J	37	15	ug/Kg	☼	09/01/13 21:51	09/04/13 16:06	1
Fluorene	<8.6		37	8.6	ug/Kg	☼	09/01/13 21:51	09/04/13 16:06	1
Indeno[1,2,3-cd]pyrene	22	J	37	13	ug/Kg	☼	09/01/13 21:51	09/04/13 16:06	1
Naphthalene	28	J	37	7.3	ug/Kg	☼	09/01/13 21:51	09/04/13 16:06	1
Phenanthrene	23	J	37	16	ug/Kg	☼	09/01/13 21:51	09/04/13 16:06	1
Pyrene	18	J	37	14	ug/Kg	☼	09/01/13 21:51	09/04/13 16:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	35		25 - 119				09/01/13 21:51	09/04/13 16:06	1
Nitrobenzene-d5 (Surr)	32		25 - 115				09/01/13 21:51	09/04/13 16:06	1
Terphenyl-d14 (Surr)	50		36 - 134				09/01/13 21:51	09/04/13 16:06	1

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-125 0-2'

Lab Sample ID: 500-61811-30

Date Collected: 08/20/13 12:30

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 87.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<23		130	23	ug/Kg	☼	08/20/13 12:30	08/30/13 11:46	50
1,1,1-Trichloroethane	<13		65	13	ug/Kg	☼	08/20/13 12:30	08/30/13 11:46	50
1,1,2,2-Tetrachloroethane	<15		65	15	ug/Kg	☼	08/20/13 12:30	08/30/13 11:46	50
1,1,2-Trichloroethane	<18		65	18	ug/Kg	☼	08/20/13 12:30	08/30/13 11:46	50
1,1-Dichloroethane	<12		65	12	ug/Kg	☼	08/20/13 12:30	08/30/13 11:46	50
1,1-Dichloroethene	<20		65	20	ug/Kg	☼	08/20/13 12:30	08/30/13 11:46	50
1,1-Dichloropropene	<22		65	22	ug/Kg	☼	08/20/13 12:30	08/30/13 11:46	50
1,2,3-Trichlorobenzene	<23		130	23	ug/Kg	☼	08/20/13 12:30	08/30/13 11:46	50
1,2,3-Trichloropropane	<37		130	37	ug/Kg	☼	08/20/13 12:30	08/30/13 11:46	50
1,2,4-Trichlorobenzene	<25		130	25	ug/Kg	☼	08/20/13 12:30	08/30/13 11:46	50
1,2,4-Trimethylbenzene	<14		130	14	ug/Kg	☼	08/20/13 12:30	08/30/13 11:46	50
1,2-Dibromo-3-Chloropropane	<57		130	57	ug/Kg	☼	08/20/13 12:30	08/30/13 11:46	50
1,2-Dibromoethane	<20		130	20	ug/Kg	☼	08/20/13 12:30	08/30/13 11:46	50
1,2-Dichlorobenzene	<13		130	13	ug/Kg	☼	08/20/13 12:30	08/30/13 11:46	50
1,2-Dichloroethane	<19		65	19	ug/Kg	☼	08/20/13 12:30	08/30/13 11:46	50
1,2-Dichloropropane	<13		65	13	ug/Kg	☼	08/20/13 12:30	08/30/13 11:46	50
1,3,5-Trimethylbenzene	<13		130	13	ug/Kg	☼	08/20/13 12:30	08/30/13 11:46	50
1,3-Dichlorobenzene	<17		130	17	ug/Kg	☼	08/20/13 12:30	08/30/13 11:46	50
1,3-Dichloropropane	<8.7		65	8.7	ug/Kg	☼	08/20/13 12:30	08/30/13 11:46	50
1,4-Dichlorobenzene	<11		130	11	ug/Kg	☼	08/20/13 12:30	08/30/13 11:46	50
2,2-Dichloropropane	<21 *		65	21	ug/Kg	☼	08/20/13 12:30	08/30/13 11:46	50
2-Chlorotoluene	<13		65	13	ug/Kg	☼	08/20/13 12:30	08/30/13 11:46	50
4-Chlorotoluene	<13		65	13	ug/Kg	☼	08/20/13 12:30	08/30/13 11:46	50
Benzene	<4.8		16	4.8	ug/Kg	☼	08/20/13 12:30	08/30/13 11:46	50
Bromobenzene	<28		130	28	ug/Kg	☼	08/20/13 12:30	08/30/13 11:46	50
Bromochloromethane	<25		130	25	ug/Kg	☼	08/20/13 12:30	08/30/13 11:46	50
Bromodichloromethane	<22		130	22	ug/Kg	☼	08/20/13 12:30	08/30/13 11:46	50
Bromoform	<29		130	29	ug/Kg	☼	08/20/13 12:30	08/30/13 11:46	50
Bromomethane	<44		130	44	ug/Kg	☼	08/20/13 12:30	08/30/13 11:46	50
Carbon tetrachloride	<17		65	17	ug/Kg	☼	08/20/13 12:30	08/30/13 11:46	50
Chlorobenzene	<9.3		65	9.3	ug/Kg	☼	08/20/13 12:30	08/30/13 11:46	50
Chloroethane	<28		130	28	ug/Kg	☼	08/20/13 12:30	08/30/13 11:46	50
Chloroform	<13		65	13	ug/Kg	☼	08/20/13 12:30	08/30/13 11:46	50
Chloromethane	<30		130	30	ug/Kg	☼	08/20/13 12:30	08/30/13 11:46	50
cis-1,2-Dichloroethene	<8.0		65	8.0	ug/Kg	☼	08/20/13 12:30	08/30/13 11:46	50
cis-1,3-Dichloropropene	<12		65	12	ug/Kg	☼	08/20/13 12:30	08/30/13 11:46	50
Dibromochloromethane	<23		130	23	ug/Kg	☼	08/20/13 12:30	08/30/13 11:46	50
Dibromomethane	<31		130	31	ug/Kg	☼	08/20/13 12:30	08/30/13 11:46	50
Dichlorodifluoromethane	<33		130	33	ug/Kg	☼	08/20/13 12:30	08/30/13 11:46	50
Ethylbenzene	<8.2		16	8.2	ug/Kg	☼	08/20/13 12:30	08/30/13 11:46	50
Hexachlorobutadiene	<23		130	23	ug/Kg	☼	08/20/13 12:30	08/30/13 11:46	50
Isopropyl ether	<9.6		130	9.6	ug/Kg	☼	08/20/13 12:30	08/30/13 11:46	50
Isopropylbenzene	<16		130	16	ug/Kg	☼	08/20/13 12:30	08/30/13 11:46	50
Methyl tert-butyl ether	<28		130	28	ug/Kg	☼	08/20/13 12:30	08/30/13 11:46	50
Methylene Chloride	<44		330	44	ug/Kg	☼	08/20/13 12:30	08/30/13 11:46	50
Naphthalene	<32		130	32	ug/Kg	☼	08/20/13 12:30	08/30/13 11:46	50
n-Butylbenzene	<8.4		65	8.4	ug/Kg	☼	08/20/13 12:30	08/30/13 11:46	50
N-Propylbenzene	<11		130	11	ug/Kg	☼	08/20/13 12:30	08/30/13 11:46	50
p-Isopropyltoluene	<12		130	12	ug/Kg	☼	08/20/13 12:30	08/30/13 11:46	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-125 0-2'

Lab Sample ID: 500-61811-30

Date Collected: 08/20/13 12:30

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 87.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<10		65	10	ug/Kg	☼	08/20/13 12:30	08/30/13 11:46	50
Styrene	<6.4		65	6.4	ug/Kg	☼	08/20/13 12:30	08/30/13 11:46	50
tert-Butylbenzene	<8.9		65	8.9	ug/Kg	☼	08/20/13 12:30	08/30/13 11:46	50
Tetrachloroethene	<11		65	11	ug/Kg	☼	08/20/13 12:30	08/30/13 11:46	50
Toluene	<7.5		16	7.5	ug/Kg	☼	08/20/13 12:30	08/30/13 11:46	50
trans-1,2-Dichloroethene	<16		65	16	ug/Kg	☼	08/20/13 12:30	08/30/13 11:46	50
trans-1,3-Dichloropropene	<14		65	14	ug/Kg	☼	08/20/13 12:30	08/30/13 11:46	50
Trichloroethene	<12		33	12	ug/Kg	☼	08/20/13 12:30	08/30/13 11:46	50
Trichlorofluoromethane	<27		130	27	ug/Kg	☼	08/20/13 12:30	08/30/13 11:46	50
Vinyl chloride	<6.8		16	6.8	ug/Kg	☼	08/20/13 12:30	08/30/13 11:46	50
Xylenes, Total	<4.5		33	4.5	ug/Kg	☼	08/20/13 12:30	08/30/13 11:46	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		75 - 125				08/20/13 12:30	08/30/13 11:46	50
4-Bromofluorobenzene (Surr)	93		75 - 120				08/20/13 12:30	08/30/13 11:46	50
Dibromofluoromethane	84		75 - 120				08/20/13 12:30	08/30/13 11:46	50
Toluene-d8 (Surr)	91		75 - 120				08/20/13 12:30	08/30/13 11:46	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<18		35	18	ug/Kg	☼	09/01/13 21:51	09/04/13 16:25	1
2-Methylnaphthalene	<46		180	46	ug/Kg	☼	09/01/13 21:51	09/04/13 16:25	1
Acenaphthene	<11		35	11	ug/Kg	☼	09/01/13 21:51	09/04/13 16:25	1
Acenaphthylene	48		35	8.2	ug/Kg	☼	09/01/13 21:51	09/04/13 16:25	1
Anthracene	40		35	8.4	ug/Kg	☼	09/01/13 21:51	09/04/13 16:25	1
Benzo[a]anthracene	110		35	7.5	ug/Kg	☼	09/01/13 21:51	09/04/13 16:25	1
Benzo[a]pyrene	300		35	6.5	ug/Kg	☼	09/01/13 21:51	09/04/13 16:25	1
Benzo[b]fluoranthene	390		35	6.9	ug/Kg	☼	09/01/13 21:51	09/04/13 16:25	1
Benzo[g,h,i]perylene	310		35	12	ug/Kg	☼	09/01/13 21:51	09/04/13 16:25	1
Benzo[k]fluoranthene	160		35	8.5	ug/Kg	☼	09/01/13 21:51	09/04/13 16:25	1
Chrysene	170		35	8.1	ug/Kg	☼	09/01/13 21:51	09/04/13 16:25	1
Dibenz(a,h)anthracene	140		35	10	ug/Kg	☼	09/01/13 21:51	09/04/13 16:25	1
Fluoranthene	130		35	15	ug/Kg	☼	09/01/13 21:51	09/04/13 16:25	1
Fluorene	11 J		35	8.1	ug/Kg	☼	09/01/13 21:51	09/04/13 16:25	1
Indeno[1,2,3-cd]pyrene	260		35	12	ug/Kg	☼	09/01/13 21:51	09/04/13 16:25	1
Naphthalene	30 J		35	6.9	ug/Kg	☼	09/01/13 21:51	09/04/13 16:25	1
Phenanthrene	47		35	15	ug/Kg	☼	09/01/13 21:51	09/04/13 16:25	1
Pyrene	140		35	13	ug/Kg	☼	09/01/13 21:51	09/04/13 16:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	56		25 - 119				09/01/13 21:51	09/04/13 16:25	1
Nitrobenzene-d5 (Surr)	57		25 - 115				09/01/13 21:51	09/04/13 16:25	1
Terphenyl-d14 (Surr)	71		36 - 134				09/01/13 21:51	09/04/13 16:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<6.4		18	6.4	ug/Kg	☼	09/03/13 21:31	09/04/13 20:23	1
PCB-1221	<7.9		18	7.9	ug/Kg	☼	09/03/13 21:31	09/04/13 20:23	1
PCB-1232	<7.9		18	7.9	ug/Kg	☼	09/03/13 21:31	09/04/13 20:23	1
PCB-1242	<5.9		18	5.9	ug/Kg	☼	09/03/13 21:31	09/04/13 20:23	1

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-125 0-2'

Lab Sample ID: 500-61811-30

Date Collected: 08/20/13 12:30

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 87.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	<7.1		18	7.1	ug/Kg	☼	09/03/13 21:31	09/04/13 20:23	1
PCB-1254	<3.9		18	3.9	ug/Kg	☼	09/03/13 21:31	09/04/13 20:23	1
PCB-1260	<8.8		18	8.8	ug/Kg	☼	09/03/13 21:31	09/04/13 20:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro- <i>m</i> -xylene	63		50 - 116	09/03/13 21:31	09/04/13 20:23	1
DCB Decachlorobiphenyl	81		48 - 142	09/03/13 21:31	09/04/13 20:23	1



Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-125 4-6'

Lab Sample ID: 500-61811-31

Date Collected: 08/20/13 12:30

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 85.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<24		140	24	ug/Kg	☼	08/20/13 12:30	08/30/13 12:11	50
1,1,1-Trichloroethane	<14		68	14	ug/Kg	☼	08/20/13 12:30	08/30/13 12:11	50
1,1,2,2-Tetrachloroethane	<16		68	16	ug/Kg	☼	08/20/13 12:30	08/30/13 12:11	50
1,1,2-Trichloroethane	<19		68	19	ug/Kg	☼	08/20/13 12:30	08/30/13 12:11	50
1,1-Dichloroethane	<13		68	13	ug/Kg	☼	08/20/13 12:30	08/30/13 12:11	50
1,1-Dichloroethene	<21		68	21	ug/Kg	☼	08/20/13 12:30	08/30/13 12:11	50
1,1-Dichloropropene	<23		68	23	ug/Kg	☼	08/20/13 12:30	08/30/13 12:11	50
1,2,3-Trichlorobenzene	<24		140	24	ug/Kg	☼	08/20/13 12:30	08/30/13 12:11	50
1,2,3-Trichloropropane	<39		140	39	ug/Kg	☼	08/20/13 12:30	08/30/13 12:11	50
1,2,4-Trichlorobenzene	<26		140	26	ug/Kg	☼	08/20/13 12:30	08/30/13 12:11	50
1,2,4-Trimethylbenzene	<14		140	14	ug/Kg	☼	08/20/13 12:30	08/30/13 12:11	50
1,2-Dibromo-3-Chloropropane	<59		140	59	ug/Kg	☼	08/20/13 12:30	08/30/13 12:11	50
1,2-Dibromoethane	<21		140	21	ug/Kg	☼	08/20/13 12:30	08/30/13 12:11	50
1,2-Dichlorobenzene	<14		140	14	ug/Kg	☼	08/20/13 12:30	08/30/13 12:11	50
1,2-Dichloroethane	<19		68	19	ug/Kg	☼	08/20/13 12:30	08/30/13 12:11	50
1,2-Dichloropropane	<13		68	13	ug/Kg	☼	08/20/13 12:30	08/30/13 12:11	50
1,3,5-Trimethylbenzene	<14		140	14	ug/Kg	☼	08/20/13 12:30	08/30/13 12:11	50
1,3-Dichlorobenzene	<18		140	18	ug/Kg	☼	08/20/13 12:30	08/30/13 12:11	50
1,3-Dichloropropane	<9.1		68	9.1	ug/Kg	☼	08/20/13 12:30	08/30/13 12:11	50
1,4-Dichlorobenzene	<12		140	12	ug/Kg	☼	08/20/13 12:30	08/30/13 12:11	50
2,2-Dichloropropane	<22 *		68	22	ug/Kg	☼	08/20/13 12:30	08/30/13 12:11	50
2-Chlorotoluene	<14		68	14	ug/Kg	☼	08/20/13 12:30	08/30/13 12:11	50
4-Chlorotoluene	<13		68	13	ug/Kg	☼	08/20/13 12:30	08/30/13 12:11	50
Benzene	<5.1		17	5.1	ug/Kg	☼	08/20/13 12:30	08/30/13 12:11	50
Bromobenzene	<29		140	29	ug/Kg	☼	08/20/13 12:30	08/30/13 12:11	50
Bromochloromethane	<26		140	26	ug/Kg	☼	08/20/13 12:30	08/30/13 12:11	50
Bromodichloromethane	<23		140	23	ug/Kg	☼	08/20/13 12:30	08/30/13 12:11	50
Bromoform	<30		140	30	ug/Kg	☼	08/20/13 12:30	08/30/13 12:11	50
Bromomethane	<46		140	46	ug/Kg	☼	08/20/13 12:30	08/30/13 12:11	50
Carbon tetrachloride	<18		68	18	ug/Kg	☼	08/20/13 12:30	08/30/13 12:11	50
Chlorobenzene	<9.7		68	9.7	ug/Kg	☼	08/20/13 12:30	08/30/13 12:11	50
Chloroethane	<30		140	30	ug/Kg	☼	08/20/13 12:30	08/30/13 12:11	50
Chloroform	<14		68	14	ug/Kg	☼	08/20/13 12:30	08/30/13 12:11	50
Chloromethane	<31		140	31	ug/Kg	☼	08/20/13 12:30	08/30/13 12:11	50
cis-1,2-Dichloroethene	<8.4		68	8.4	ug/Kg	☼	08/20/13 12:30	08/30/13 12:11	50
cis-1,3-Dichloropropene	<12		68	12	ug/Kg	☼	08/20/13 12:30	08/30/13 12:11	50
Dibromochloromethane	<24		140	24	ug/Kg	☼	08/20/13 12:30	08/30/13 12:11	50
Dibromomethane	<33		140	33	ug/Kg	☼	08/20/13 12:30	08/30/13 12:11	50
Dichlorodifluoromethane	<35		140	35	ug/Kg	☼	08/20/13 12:30	08/30/13 12:11	50
Ethylbenzene	<8.6		17	8.6	ug/Kg	☼	08/20/13 12:30	08/30/13 12:11	50
Hexachlorobutadiene	<24		140	24	ug/Kg	☼	08/20/13 12:30	08/30/13 12:11	50
Isopropyl ether	<10		140	10	ug/Kg	☼	08/20/13 12:30	08/30/13 12:11	50
Isopropylbenzene	<17		140	17	ug/Kg	☼	08/20/13 12:30	08/30/13 12:11	50
Methyl tert-butyl ether	<29		140	29	ug/Kg	☼	08/20/13 12:30	08/30/13 12:11	50
Methylene Chloride	<47		340	47	ug/Kg	☼	08/20/13 12:30	08/30/13 12:11	50
Naphthalene	510		140	34	ug/Kg	☼	08/20/13 12:30	08/30/13 12:11	50
n-Butylbenzene	<8.8		68	8.8	ug/Kg	☼	08/20/13 12:30	08/30/13 12:11	50
N-Propylbenzene	<12		140	12	ug/Kg	☼	08/20/13 12:30	08/30/13 12:11	50
p-Isopropyltoluene	<13		140	13	ug/Kg	☼	08/20/13 12:30	08/30/13 12:11	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-125 4-6'

Lab Sample ID: 500-61811-31

Date Collected: 08/20/13 12:30

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 85.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<10		68	10	ug/Kg	☼	08/20/13 12:30	08/30/13 12:11	50
Styrene	<6.7		68	6.7	ug/Kg	☼	08/20/13 12:30	08/30/13 12:11	50
tert-Butylbenzene	<9.3		68	9.3	ug/Kg	☼	08/20/13 12:30	08/30/13 12:11	50
Tetrachloroethene	<11		68	11	ug/Kg	☼	08/20/13 12:30	08/30/13 12:11	50
Toluene	<7.8		17	7.8	ug/Kg	☼	08/20/13 12:30	08/30/13 12:11	50
trans-1,2-Dichloroethene	<17		68	17	ug/Kg	☼	08/20/13 12:30	08/30/13 12:11	50
trans-1,3-Dichloropropene	<14		68	14	ug/Kg	☼	08/20/13 12:30	08/30/13 12:11	50
Trichloroethene	<13		34	13	ug/Kg	☼	08/20/13 12:30	08/30/13 12:11	50
Trichlorofluoromethane	<28		140	28	ug/Kg	☼	08/20/13 12:30	08/30/13 12:11	50
Vinyl chloride	<7.1		17	7.1	ug/Kg	☼	08/20/13 12:30	08/30/13 12:11	50
Xylenes, Total	<4.7		34	4.7	ug/Kg	☼	08/20/13 12:30	08/30/13 12:11	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		75 - 125				08/20/13 12:30	08/30/13 12:11	50
4-Bromofluorobenzene (Surr)	88		75 - 120				08/20/13 12:30	08/30/13 12:11	50
Dibromofluoromethane	85		75 - 120				08/20/13 12:30	08/30/13 12:11	50
Toluene-d8 (Surr)	91		75 - 120				08/20/13 12:30	08/30/13 12:11	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	240		38	19	ug/Kg	☼	09/01/13 21:51	09/04/13 16:45	1
2-Methylnaphthalene	120	J	190	49	ug/Kg	☼	09/01/13 21:51	09/04/13 16:45	1
Acenaphthene	180		38	11	ug/Kg	☼	09/01/13 21:51	09/04/13 16:45	1
Acenaphthylene	32	J	38	8.7	ug/Kg	☼	09/01/13 21:51	09/04/13 16:45	1
Anthracene	110		38	8.9	ug/Kg	☼	09/01/13 21:51	09/04/13 16:45	1
Benzo[a]anthracene	180		38	7.9	ug/Kg	☼	09/01/13 21:51	09/04/13 16:45	1
Benzo[a]pyrene	190		38	6.9	ug/Kg	☼	09/01/13 21:51	09/04/13 16:45	1
Benzo[b]fluoranthene	290		38	7.4	ug/Kg	☼	09/01/13 21:51	09/04/13 16:45	1
Benzo[g,h,i]perylene	160		38	13	ug/Kg	☼	09/01/13 21:51	09/04/13 16:45	1
Benzo[k]fluoranthene	99		38	9.0	ug/Kg	☼	09/01/13 21:51	09/04/13 16:45	1
Chrysene	220		38	8.6	ug/Kg	☼	09/01/13 21:51	09/04/13 16:45	1
Dibenz(a,h)anthracene	64		38	11	ug/Kg	☼	09/01/13 21:51	09/04/13 16:45	1
Fluoranthene	450		38	16	ug/Kg	☼	09/01/13 21:51	09/04/13 16:45	1
Fluorene	140		38	8.6	ug/Kg	☼	09/01/13 21:51	09/04/13 16:45	1
Indeno[1,2,3-cd]pyrene	130		38	13	ug/Kg	☼	09/01/13 21:51	09/04/13 16:45	1
Naphthalene	2600		38	7.3	ug/Kg	☼	09/01/13 21:51	09/04/13 16:45	1
Phenanthrene	390		38	16	ug/Kg	☼	09/01/13 21:51	09/04/13 16:45	1
Pyrene	300		38	14	ug/Kg	☼	09/01/13 21:51	09/04/13 16:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	36		25 - 119				09/01/13 21:51	09/04/13 16:45	1
Nitrobenzene-d5 (Surr)	31		25 - 115				09/01/13 21:51	09/04/13 16:45	1
Terphenyl-d14 (Surr)	59		36 - 134				09/01/13 21:51	09/04/13 16:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<6.9		19	6.9	ug/Kg	☼	09/03/13 21:31	09/04/13 20:36	1
PCB-1221	<8.6		19	8.6	ug/Kg	☼	09/03/13 21:31	09/04/13 20:36	1
PCB-1232	<8.5		19	8.5	ug/Kg	☼	09/03/13 21:31	09/04/13 20:36	1
PCB-1242	<6.4		19	6.4	ug/Kg	☼	09/03/13 21:31	09/04/13 20:36	1

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-125 4-6'

Lab Sample ID: 500-61811-31

Date Collected: 08/20/13 12:30

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 85.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	<7.7		19	7.7	ug/Kg	☼	09/03/13 21:31	09/04/13 20:36	1
PCB-1254	<4.2		19	4.2	ug/Kg	☼	09/03/13 21:31	09/04/13 20:36	1
PCB-1260	<9.5		19	9.5	ug/Kg	☼	09/03/13 21:31	09/04/13 20:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro- <i>m</i> -xylene	79		50 - 116	09/03/13 21:31	09/04/13 20:36	1
DCB Decachlorobiphenyl	85		48 - 142	09/03/13 21:31	09/04/13 20:36	1



Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-125 8-10'

Lab Sample ID: 500-61811-32

Date Collected: 08/20/13 12:40

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 86.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<450		2600	450	ug/Kg	☼	08/20/13 12:40	08/30/13 12:35	1000
1,1,1-Trichloroethane	<260		1300	260	ug/Kg	☼	08/20/13 12:40	08/30/13 12:35	1000
1,1,1,2,2-Tetrachloroethane	<300		1300	300	ug/Kg	☼	08/20/13 12:40	08/30/13 12:35	1000
1,1,1,2-Trichloroethane	<360		1300	360	ug/Kg	☼	08/20/13 12:40	08/30/13 12:35	1000
1,1-Dichloroethane	<240		1300	240	ug/Kg	☼	08/20/13 12:40	08/30/13 12:35	1000
1,1-Dichloroethene	<400		1300	400	ug/Kg	☼	08/20/13 12:40	08/30/13 12:35	1000
1,1-Dichloropropene	<450		1300	450	ug/Kg	☼	08/20/13 12:40	08/30/13 12:35	1000
1,2,3-Trichlorobenzene	<460		2600	460	ug/Kg	☼	08/20/13 12:40	08/30/13 12:35	1000
1,2,3-Trichloropropane	<750		2600	750	ug/Kg	☼	08/20/13 12:40	08/30/13 12:35	1000
1,2,4-Trichlorobenzene	<490		2600	490	ug/Kg	☼	08/20/13 12:40	08/30/13 12:35	1000
1,2,4-Trimethylbenzene	13000		2600	270	ug/Kg	☼	08/20/13 12:40	08/30/13 12:35	1000
1,2-Dibromo-3-Chloropropane	<1100		2600	1100	ug/Kg	☼	08/20/13 12:40	08/30/13 12:35	1000
1,2-Dibromoethane	<410		2600	410	ug/Kg	☼	08/20/13 12:40	08/30/13 12:35	1000
1,2-Dichlorobenzene	<270		2600	270	ug/Kg	☼	08/20/13 12:40	08/30/13 12:35	1000
1,2-Dichloroethane	<370		1300	370	ug/Kg	☼	08/20/13 12:40	08/30/13 12:35	1000
1,2-Dichloropropane	<250		1300	250	ug/Kg	☼	08/20/13 12:40	08/30/13 12:35	1000
1,3,5-Trimethylbenzene	7100		2600	270	ug/Kg	☼	08/20/13 12:40	08/30/13 12:35	1000
1,3-Dichlorobenzene	<330		2600	330	ug/Kg	☼	08/20/13 12:40	08/30/13 12:35	1000
1,3-Dichloropropane	<170		1300	170	ug/Kg	☼	08/20/13 12:40	08/30/13 12:35	1000
1,4-Dichlorobenzene	<230		2600	230	ug/Kg	☼	08/20/13 12:40	08/30/13 12:35	1000
2,2-Dichloropropane	<410 *		1300	410	ug/Kg	☼	08/20/13 12:40	08/30/13 12:35	1000
2-Chlorotoluene	<270		1300	270	ug/Kg	☼	08/20/13 12:40	08/30/13 12:35	1000
4-Chlorotoluene	<260		1300	260	ug/Kg	☼	08/20/13 12:40	08/30/13 12:35	1000
Benzene	980		330	97	ug/Kg	☼	08/20/13 12:40	08/30/13 12:35	1000
Bromobenzene	<550		2600	550	ug/Kg	☼	08/20/13 12:40	08/30/13 12:35	1000
Bromochloromethane	<490		2600	490	ug/Kg	☼	08/20/13 12:40	08/30/13 12:35	1000
Bromodichloromethane	<440		2600	440	ug/Kg	☼	08/20/13 12:40	08/30/13 12:35	1000
Bromoform	<570		2600	570	ug/Kg	☼	08/20/13 12:40	08/30/13 12:35	1000
Bromomethane	<890		2600	890	ug/Kg	☼	08/20/13 12:40	08/30/13 12:35	1000
Carbon tetrachloride	<330		1300	330	ug/Kg	☼	08/20/13 12:40	08/30/13 12:35	1000
Chlorobenzene	<190		1300	190	ug/Kg	☼	08/20/13 12:40	08/30/13 12:35	1000
Chloroethane	<570		2600	570	ug/Kg	☼	08/20/13 12:40	08/30/13 12:35	1000
Chloroform	<270		1300	270	ug/Kg	☼	08/20/13 12:40	08/30/13 12:35	1000
Chloromethane	<600		2600	600	ug/Kg	☼	08/20/13 12:40	08/30/13 12:35	1000
cis-1,2-Dichloroethene	<160		1300	160	ug/Kg	☼	08/20/13 12:40	08/30/13 12:35	1000
cis-1,3-Dichloropropene	<230		1300	230	ug/Kg	☼	08/20/13 12:40	08/30/13 12:35	1000
Dibromochloromethane	<450		2600	450	ug/Kg	☼	08/20/13 12:40	08/30/13 12:35	1000
Dibromomethane	<620		2600	620	ug/Kg	☼	08/20/13 12:40	08/30/13 12:35	1000
Dichlorodifluoromethane	<670		2600	670	ug/Kg	☼	08/20/13 12:40	08/30/13 12:35	1000
Ethylbenzene	6500		330	160	ug/Kg	☼	08/20/13 12:40	08/30/13 12:35	1000
Hexachlorobutadiene	<450		2600	450	ug/Kg	☼	08/20/13 12:40	08/30/13 12:35	1000
Isopropyl ether	<190		2600	190	ug/Kg	☼	08/20/13 12:40	08/30/13 12:35	1000
Isopropylbenzene	1400 J		2600	330	ug/Kg	☼	08/20/13 12:40	08/30/13 12:35	1000
Methyl tert-butyl ether	<560		2600	560	ug/Kg	☼	08/20/13 12:40	08/30/13 12:35	1000
Methylene Chloride	<890		6500	890	ug/Kg	☼	08/20/13 12:40	08/30/13 12:35	1000
n-Butylbenzene	<170		1300	170	ug/Kg	☼	08/20/13 12:40	08/30/13 12:35	1000
N-Propylbenzene	<230		2600	230	ug/Kg	☼	08/20/13 12:40	08/30/13 12:35	1000
p-Isopropyltoluene	<240		2600	240	ug/Kg	☼	08/20/13 12:40	08/30/13 12:35	1000
sec-Butylbenzene	<200		1300	200	ug/Kg	☼	08/20/13 12:40	08/30/13 12:35	1000

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-125 8-10'

Lab Sample ID: 500-61811-32

Date Collected: 08/20/13 12:40

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 86.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	<130		1300	130	ug/Kg	☼	08/20/13 12:40	08/30/13 12:35	1000
tert-Butylbenzene	<180		1300	180	ug/Kg	☼	08/20/13 12:40	08/30/13 12:35	1000
Tetrachloroethene	<220		1300	220	ug/Kg	☼	08/20/13 12:40	08/30/13 12:35	1000
Toluene	1300		330	150	ug/Kg	☼	08/20/13 12:40	08/30/13 12:35	1000
trans-1,2-Dichloroethene	<330		1300	330	ug/Kg	☼	08/20/13 12:40	08/30/13 12:35	1000
trans-1,3-Dichloropropene	<270		1300	270	ug/Kg	☼	08/20/13 12:40	08/30/13 12:35	1000
Trichloroethene	<240		650	240	ug/Kg	☼	08/20/13 12:40	08/30/13 12:35	1000
Trichlorofluoromethane	<540		2600	540	ug/Kg	☼	08/20/13 12:40	08/30/13 12:35	1000
Vinyl chloride	<140		330	140	ug/Kg	☼	08/20/13 12:40	08/30/13 12:35	1000
Xylenes, Total	27000		650	89	ug/Kg	☼	08/20/13 12:40	08/30/13 12:35	1000

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		75 - 125	08/20/13 12:40	08/30/13 12:35	1000
4-Bromofluorobenzene (Surr)	90		75 - 120	08/20/13 12:40	08/30/13 12:35	1000
Dibromofluoromethane	86		75 - 120	08/20/13 12:40	08/30/13 12:35	1000
Toluene-d8 (Surr)	93		75 - 120	08/20/13 12:40	08/30/13 12:35	1000

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	140000		26000	6400	ug/Kg	☼	08/20/13 12:40	08/30/13 13:00	10000

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		75 - 125	08/20/13 12:40	08/30/13 13:00	10000
4-Bromofluorobenzene (Surr)	93		75 - 120	08/20/13 12:40	08/30/13 13:00	10000
Dibromofluoromethane	88		75 - 120	08/20/13 12:40	08/30/13 13:00	10000
Toluene-d8 (Surr)	94		75 - 120	08/20/13 12:40	08/30/13 13:00	10000

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	31000		3800	1900	ug/Kg	☼	09/01/13 21:51	09/06/13 00:10	100
2-Methylnaphthalene	24000		19000	5000	ug/Kg	☼	09/01/13 21:51	09/06/13 00:10	100
Acenaphthene	34000		3800	1200	ug/Kg	☼	09/01/13 21:51	09/06/13 00:10	100
Acenaphthylene	2800	J	3800	890	ug/Kg	☼	09/01/13 21:51	09/06/13 00:10	100
Anthracene	21000		3800	910	ug/Kg	☼	09/01/13 21:51	09/06/13 00:10	100
Benzo[a]anthracene	16000		3800	810	ug/Kg	☼	09/01/13 21:51	09/06/13 00:10	100
Benzo[a]pyrene	8000		3800	700	ug/Kg	☼	09/01/13 21:51	09/06/13 00:10	100
Benzo[b]fluoranthene	12000		3800	750	ug/Kg	☼	09/01/13 21:51	09/06/13 00:10	100
Benzo[g,h,i]perylene	3300	J	3800	1300	ug/Kg	☼	09/01/13 21:51	09/06/13 00:10	100
Benzo[k]fluoranthene	3600	J	3800	920	ug/Kg	☼	09/01/13 21:51	09/06/13 00:10	100
Chrysene	9800		3800	870	ug/Kg	☼	09/01/13 21:51	09/06/13 00:10	100
Dibenz(a,h)anthracene	1700	J	3800	1100	ug/Kg	☼	09/01/13 21:51	09/06/13 00:10	100
Fluoranthene	80000		3800	1600	ug/Kg	☼	09/01/13 21:51	09/06/13 00:10	100
Fluorene	40000		3800	880	ug/Kg	☼	09/01/13 21:51	09/06/13 00:10	100
Indeno[1,2,3-cd]pyrene	3000	J	3800	1300	ug/Kg	☼	09/01/13 21:51	09/06/13 00:10	100
Naphthalene	210000		3800	740	ug/Kg	☼	09/01/13 21:51	09/06/13 00:10	100
Phenanthrene	120000		3800	1600	ug/Kg	☼	09/01/13 21:51	09/06/13 00:10	100
Pyrene	47000		3800	1400	ug/Kg	☼	09/01/13 21:51	09/06/13 00:10	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	0	D	25 - 119	09/01/13 21:51	09/06/13 00:10	100
Nitrobenzene-d5 (Surr)	0	D	25 - 115	09/01/13 21:51	09/06/13 00:10	100

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-125 8-10'

Lab Sample ID: 500-61811-32

Date Collected: 08/20/13 12:40

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 86.0

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Terphenyl-d14 (Surr)	0	D	36 - 134	09/01/13 21:51	09/06/13 00:10	100

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<65		190	65	ug/Kg	☼	09/03/13 21:31	09/04/13 20:50	10
PCB-1221	<81		190	81	ug/Kg	☼	09/03/13 21:31	09/04/13 20:50	10
PCB-1232	<81		190	81	ug/Kg	☼	09/03/13 21:31	09/04/13 20:50	10
PCB-1242	<61		190	61	ug/Kg	☼	09/03/13 21:31	09/04/13 20:50	10
PCB-1248	<73		190	73	ug/Kg	☼	09/03/13 21:31	09/04/13 20:50	10
PCB-1254	<40		190	40	ug/Kg	☼	09/03/13 21:31	09/04/13 20:50	10
PCB-1260	<91		190	91	ug/Kg	☼	09/03/13 21:31	09/04/13 20:50	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	97		50 - 116	09/03/13 21:31	09/04/13 20:50	10
DCB Decachlorobiphenyl	135		48 - 142	09/03/13 21:31	09/04/13 20:50	10

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-125 13-15'

Lab Sample ID: 500-61811-33

Date Collected: 08/20/13 12:50

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 85.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<23		130	23	ug/Kg	☼	08/20/13 12:50	08/30/13 13:24	50
1,1,1-Trichloroethane	<13		67	13	ug/Kg	☼	08/20/13 12:50	08/30/13 13:24	50
1,1,2,2-Tetrachloroethane	<16		67	16	ug/Kg	☼	08/20/13 12:50	08/30/13 13:24	50
1,1,2-Trichloroethane	<19		67	19	ug/Kg	☼	08/20/13 12:50	08/30/13 13:24	50
1,1-Dichloroethane	<12		67	12	ug/Kg	☼	08/20/13 12:50	08/30/13 13:24	50
1,1-Dichloroethene	<20		67	20	ug/Kg	☼	08/20/13 12:50	08/30/13 13:24	50
1,1-Dichloropropene	<23		67	23	ug/Kg	☼	08/20/13 12:50	08/30/13 13:24	50
1,2,3-Trichlorobenzene	<23		130	23	ug/Kg	☼	08/20/13 12:50	08/30/13 13:24	50
1,2,3-Trichloropropane	<38		130	38	ug/Kg	☼	08/20/13 12:50	08/30/13 13:24	50
1,2,4-Trichlorobenzene	<25		130	25	ug/Kg	☼	08/20/13 12:50	08/30/13 13:24	50
1,2,4-Trimethylbenzene	84	J	130	14	ug/Kg	☼	08/20/13 12:50	08/30/13 13:24	50
1,2-Dibromo-3-Chloropropane	<58		130	58	ug/Kg	☼	08/20/13 12:50	08/30/13 13:24	50
1,2-Dibromoethane	<21		130	21	ug/Kg	☼	08/20/13 12:50	08/30/13 13:24	50
1,2-Dichlorobenzene	<14		130	14	ug/Kg	☼	08/20/13 12:50	08/30/13 13:24	50
1,2-Dichloroethane	<19		67	19	ug/Kg	☼	08/20/13 12:50	08/30/13 13:24	50
1,2-Dichloropropane	<13		67	13	ug/Kg	☼	08/20/13 12:50	08/30/13 13:24	50
1,3,5-Trimethylbenzene	<14		130	14	ug/Kg	☼	08/20/13 12:50	08/30/13 13:24	50
1,3-Dichlorobenzene	<17		130	17	ug/Kg	☼	08/20/13 12:50	08/30/13 13:24	50
1,3-Dichloropropane	<8.9		67	8.9	ug/Kg	☼	08/20/13 12:50	08/30/13 13:24	50
1,4-Dichlorobenzene	<12		130	12	ug/Kg	☼	08/20/13 12:50	08/30/13 13:24	50
2,2-Dichloropropane	<21	*	67	21	ug/Kg	☼	08/20/13 12:50	08/30/13 13:24	50
2-Chlorotoluene	<14		67	14	ug/Kg	☼	08/20/13 12:50	08/30/13 13:24	50
4-Chlorotoluene	<13		67	13	ug/Kg	☼	08/20/13 12:50	08/30/13 13:24	50
Benzene	220		17	4.9	ug/Kg	☼	08/20/13 12:50	08/30/13 13:24	50
Bromobenzene	<28		130	28	ug/Kg	☼	08/20/13 12:50	08/30/13 13:24	50
Bromochloromethane	<25		130	25	ug/Kg	☼	08/20/13 12:50	08/30/13 13:24	50
Bromodichloromethane	<23		130	23	ug/Kg	☼	08/20/13 12:50	08/30/13 13:24	50
Bromoform	<29		130	29	ug/Kg	☼	08/20/13 12:50	08/30/13 13:24	50
Bromomethane	<45		130	45	ug/Kg	☼	08/20/13 12:50	08/30/13 13:24	50
Carbon tetrachloride	<17		67	17	ug/Kg	☼	08/20/13 12:50	08/30/13 13:24	50
Chlorobenzene	<9.5		67	9.5	ug/Kg	☼	08/20/13 12:50	08/30/13 13:24	50
Chloroethane	<29		130	29	ug/Kg	☼	08/20/13 12:50	08/30/13 13:24	50
Chloroform	<14		67	14	ug/Kg	☼	08/20/13 12:50	08/30/13 13:24	50
Chloromethane	<31		130	31	ug/Kg	☼	08/20/13 12:50	08/30/13 13:24	50
cis-1,2-Dichloroethene	<8.2		67	8.2	ug/Kg	☼	08/20/13 12:50	08/30/13 13:24	50
cis-1,3-Dichloropropene	<12		67	12	ug/Kg	☼	08/20/13 12:50	08/30/13 13:24	50
Dibromochloromethane	<23		130	23	ug/Kg	☼	08/20/13 12:50	08/30/13 13:24	50
Dibromomethane	<32		130	32	ug/Kg	☼	08/20/13 12:50	08/30/13 13:24	50
Dichlorodifluoromethane	<34		130	34	ug/Kg	☼	08/20/13 12:50	08/30/13 13:24	50
Ethylbenzene	50		17	8.4	ug/Kg	☼	08/20/13 12:50	08/30/13 13:24	50
Hexachlorobutadiene	<23		130	23	ug/Kg	☼	08/20/13 12:50	08/30/13 13:24	50
Isopropyl ether	<9.8		130	9.8	ug/Kg	☼	08/20/13 12:50	08/30/13 13:24	50
Isopropylbenzene	<17		130	17	ug/Kg	☼	08/20/13 12:50	08/30/13 13:24	50
Methyl tert-butyl ether	<29		130	29	ug/Kg	☼	08/20/13 12:50	08/30/13 13:24	50
Methylene Chloride	<46		330	46	ug/Kg	☼	08/20/13 12:50	08/30/13 13:24	50
Naphthalene	9500		130	33	ug/Kg	☼	08/20/13 12:50	08/30/13 13:24	50
n-Butylbenzene	<8.6		67	8.6	ug/Kg	☼	08/20/13 12:50	08/30/13 13:24	50
N-Propylbenzene	<12		130	12	ug/Kg	☼	08/20/13 12:50	08/30/13 13:24	50
p-Isopropyltoluene	<12		130	12	ug/Kg	☼	08/20/13 12:50	08/30/13 13:24	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-125 13-15'

Lab Sample ID: 500-61811-33

Date Collected: 08/20/13 12:50

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 85.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<10		67	10	ug/Kg	☼	08/20/13 12:50	08/30/13 13:24	50
Styrene	<6.6		67	6.6	ug/Kg	☼	08/20/13 12:50	08/30/13 13:24	50
tert-Butylbenzene	<9.1		67	9.1	ug/Kg	☼	08/20/13 12:50	08/30/13 13:24	50
Tetrachloroethene	<11		67	11	ug/Kg	☼	08/20/13 12:50	08/30/13 13:24	50
Toluene	26		17	7.7	ug/Kg	☼	08/20/13 12:50	08/30/13 13:24	50
trans-1,2-Dichloroethene	<17		67	17	ug/Kg	☼	08/20/13 12:50	08/30/13 13:24	50
trans-1,3-Dichloropropene	<14		67	14	ug/Kg	☼	08/20/13 12:50	08/30/13 13:24	50
Trichloroethene	<12		33	12	ug/Kg	☼	08/20/13 12:50	08/30/13 13:24	50
Trichlorofluoromethane	<28		130	28	ug/Kg	☼	08/20/13 12:50	08/30/13 13:24	50
Vinyl chloride	<6.9		17	6.9	ug/Kg	☼	08/20/13 12:50	08/30/13 13:24	50
Xylenes, Total	92		33	4.6	ug/Kg	☼	08/20/13 12:50	08/30/13 13:24	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		75 - 125				08/20/13 12:50	08/30/13 13:24	50
4-Bromofluorobenzene (Surr)	90		75 - 120				08/20/13 12:50	08/30/13 13:24	50
Dibromofluoromethane	88		75 - 120				08/20/13 12:50	08/30/13 13:24	50
Toluene-d8 (Surr)	90		75 - 120				08/20/13 12:50	08/30/13 13:24	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<19		38	19	ug/Kg	☼	09/01/13 21:51	09/04/13 17:24	1
2-Methylnaphthalene	<49		190	49	ug/Kg	☼	09/01/13 21:51	09/04/13 17:24	1
Acenaphthene	12	J	38	11	ug/Kg	☼	09/01/13 21:51	09/04/13 17:24	1
Acenaphthylene	21	J	38	8.7	ug/Kg	☼	09/01/13 21:51	09/04/13 17:24	1
Anthracene	55		38	8.9	ug/Kg	☼	09/01/13 21:51	09/04/13 17:24	1
Benzo[a]anthracene	60		38	8.0	ug/Kg	☼	09/01/13 21:51	09/04/13 17:24	1
Benzo[a]pyrene	56		38	6.9	ug/Kg	☼	09/01/13 21:51	09/04/13 17:24	1
Benzo[b]fluoranthene	78		38	7.4	ug/Kg	☼	09/01/13 21:51	09/04/13 17:24	1
Benzo[g,h,i]perylene	37	J	38	13	ug/Kg	☼	09/01/13 21:51	09/04/13 17:24	1
Benzo[k]fluoranthene	28	J	38	9.1	ug/Kg	☼	09/01/13 21:51	09/04/13 17:24	1
Chrysene	74		38	8.6	ug/Kg	☼	09/01/13 21:51	09/04/13 17:24	1
Dibenz(a,h)anthracene	<11		38	11	ug/Kg	☼	09/01/13 21:51	09/04/13 17:24	1
Fluoranthene	280		38	16	ug/Kg	☼	09/01/13 21:51	09/04/13 17:24	1
Fluorene	28	J	38	8.6	ug/Kg	☼	09/01/13 21:51	09/04/13 17:24	1
Indeno[1,2,3-cd]pyrene	26	J	38	13	ug/Kg	☼	09/01/13 21:51	09/04/13 17:24	1
Naphthalene	930		38	7.3	ug/Kg	☼	09/01/13 21:51	09/04/13 17:24	1
Phenanthrene	180		38	16	ug/Kg	☼	09/01/13 21:51	09/04/13 17:24	1
Pyrene	170		38	14	ug/Kg	☼	09/01/13 21:51	09/04/13 17:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	42		25 - 119				09/01/13 21:51	09/04/13 17:24	1
Nitrobenzene-d5 (Surr)	39		25 - 115				09/01/13 21:51	09/04/13 17:24	1
Terphenyl-d14 (Surr)	51		36 - 134				09/01/13 21:51	09/04/13 17:24	1

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-125 18-20'

Lab Sample ID: 500-61811-34

Date Collected: 08/20/13 13:00

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 81.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<25		150	25	ug/Kg	☼	08/20/13 13:00	08/30/13 13:49	50
1,1,1-Trichloroethane	<15		73	15	ug/Kg	☼	08/20/13 13:00	08/30/13 13:49	50
1,1,1,2,2-Tetrachloroethane	<17		73	17	ug/Kg	☼	08/20/13 13:00	08/30/13 13:49	50
1,1,1,2-Trichloroethane	<20		73	20	ug/Kg	☼	08/20/13 13:00	08/30/13 13:49	50
1,1-Dichloroethane	<14		73	14	ug/Kg	☼	08/20/13 13:00	08/30/13 13:49	50
1,1-Dichloroethene	<23		73	23	ug/Kg	☼	08/20/13 13:00	08/30/13 13:49	50
1,1-Dichloropropene	<25		73	25	ug/Kg	☼	08/20/13 13:00	08/30/13 13:49	50
1,2,3-Trichlorobenzene	<26		150	26	ug/Kg	☼	08/20/13 13:00	08/30/13 13:49	50
1,2,3-Trichloropropane	<42		150	42	ug/Kg	☼	08/20/13 13:00	08/30/13 13:49	50
1,2,4-Trichlorobenzene	<28		150	28	ug/Kg	☼	08/20/13 13:00	08/30/13 13:49	50
1,2,4-Trimethylbenzene	<15		150	15	ug/Kg	☼	08/20/13 13:00	08/30/13 13:49	50
1,2-Dibromo-3-Chloropropane	<64		150	64	ug/Kg	☼	08/20/13 13:00	08/30/13 13:49	50
1,2-Dibromoethane	<23		150	23	ug/Kg	☼	08/20/13 13:00	08/30/13 13:49	50
1,2-Dichlorobenzene	<15		150	15	ug/Kg	☼	08/20/13 13:00	08/30/13 13:49	50
1,2-Dichloroethane	<21		73	21	ug/Kg	☼	08/20/13 13:00	08/30/13 13:49	50
1,2-Dichloropropane	<14		73	14	ug/Kg	☼	08/20/13 13:00	08/30/13 13:49	50
1,3,5-Trimethylbenzene	<15		150	15	ug/Kg	☼	08/20/13 13:00	08/30/13 13:49	50
1,3-Dichlorobenzene	<19		150	19	ug/Kg	☼	08/20/13 13:00	08/30/13 13:49	50
1,3-Dichloropropane	<9.8		73	9.8	ug/Kg	☼	08/20/13 13:00	08/30/13 13:49	50
1,4-Dichlorobenzene	<13		150	13	ug/Kg	☼	08/20/13 13:00	08/30/13 13:49	50
2,2-Dichloropropane	<23 *		73	23	ug/Kg	☼	08/20/13 13:00	08/30/13 13:49	50
2-Chlorotoluene	<15		73	15	ug/Kg	☼	08/20/13 13:00	08/30/13 13:49	50
4-Chlorotoluene	<14		73	14	ug/Kg	☼	08/20/13 13:00	08/30/13 13:49	50
Benzene	<5.4		18	5.4	ug/Kg	☼	08/20/13 13:00	08/30/13 13:49	50
Bromobenzene	<31		150	31	ug/Kg	☼	08/20/13 13:00	08/30/13 13:49	50
Bromochloromethane	<28		150	28	ug/Kg	☼	08/20/13 13:00	08/30/13 13:49	50
Bromodichloromethane	<25		150	25	ug/Kg	☼	08/20/13 13:00	08/30/13 13:49	50
Bromoform	<32		150	32	ug/Kg	☼	08/20/13 13:00	08/30/13 13:49	50
Bromomethane	<50		150	50	ug/Kg	☼	08/20/13 13:00	08/30/13 13:49	50
Carbon tetrachloride	<19		73	19	ug/Kg	☼	08/20/13 13:00	08/30/13 13:49	50
Chlorobenzene	<10		73	10	ug/Kg	☼	08/20/13 13:00	08/30/13 13:49	50
Chloroethane	<32		150	32	ug/Kg	☼	08/20/13 13:00	08/30/13 13:49	50
Chloroform	<15		73	15	ug/Kg	☼	08/20/13 13:00	08/30/13 13:49	50
Chloromethane	<34		150	34	ug/Kg	☼	08/20/13 13:00	08/30/13 13:49	50
cis-1,2-Dichloroethene	<9.0		73	9.0	ug/Kg	☼	08/20/13 13:00	08/30/13 13:49	50
cis-1,3-Dichloropropene	<13		73	13	ug/Kg	☼	08/20/13 13:00	08/30/13 13:49	50
Dibromochloromethane	<25		150	25	ug/Kg	☼	08/20/13 13:00	08/30/13 13:49	50
Dibromomethane	<35		150	35	ug/Kg	☼	08/20/13 13:00	08/30/13 13:49	50
Dichlorodifluoromethane	<38		150	38	ug/Kg	☼	08/20/13 13:00	08/30/13 13:49	50
Ethylbenzene	<9.2		18	9.2	ug/Kg	☼	08/20/13 13:00	08/30/13 13:49	50
Hexachlorobutadiene	<25		150	25	ug/Kg	☼	08/20/13 13:00	08/30/13 13:49	50
Isopropyl ether	<11		150	11	ug/Kg	☼	08/20/13 13:00	08/30/13 13:49	50
Isopropylbenzene	<18		150	18	ug/Kg	☼	08/20/13 13:00	08/30/13 13:49	50
Methyl tert-butyl ether	<32		150	32	ug/Kg	☼	08/20/13 13:00	08/30/13 13:49	50
Methylene Chloride	<50		370	50	ug/Kg	☼	08/20/13 13:00	08/30/13 13:49	50
Naphthalene	150		150	36	ug/Kg	☼	08/20/13 13:00	08/30/13 13:49	50
n-Butylbenzene	<9.5		73	9.5	ug/Kg	☼	08/20/13 13:00	08/30/13 13:49	50
N-Propylbenzene	<13		150	13	ug/Kg	☼	08/20/13 13:00	08/30/13 13:49	50
p-Isopropyltoluene	<14		150	14	ug/Kg	☼	08/20/13 13:00	08/30/13 13:49	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-125 18-20'

Lab Sample ID: 500-61811-34

Date Collected: 08/20/13 13:00

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 81.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<11		73	11	ug/Kg	☼	08/20/13 13:00	08/30/13 13:49	50
Styrene	<7.2		73	7.2	ug/Kg	☼	08/20/13 13:00	08/30/13 13:49	50
tert-Butylbenzene	<10		73	10	ug/Kg	☼	08/20/13 13:00	08/30/13 13:49	50
Tetrachloroethene	<12		73	12	ug/Kg	☼	08/20/13 13:00	08/30/13 13:49	50
Toluene	<8.4		18	8.4	ug/Kg	☼	08/20/13 13:00	08/30/13 13:49	50
trans-1,2-Dichloroethene	<18		73	18	ug/Kg	☼	08/20/13 13:00	08/30/13 13:49	50
trans-1,3-Dichloropropene	<15		73	15	ug/Kg	☼	08/20/13 13:00	08/30/13 13:49	50
Trichloroethene	<14		37	14	ug/Kg	☼	08/20/13 13:00	08/30/13 13:49	50
Trichlorofluoromethane	<30		150	30	ug/Kg	☼	08/20/13 13:00	08/30/13 13:49	50
Vinyl chloride	<7.6		18	7.6	ug/Kg	☼	08/20/13 13:00	08/30/13 13:49	50
Xylenes, Total	<5.0		37	5.0	ug/Kg	☼	08/20/13 13:00	08/30/13 13:49	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		75 - 125				08/20/13 13:00	08/30/13 13:49	50
4-Bromofluorobenzene (Surr)	92		75 - 120				08/20/13 13:00	08/30/13 13:49	50
Dibromofluoromethane	85		75 - 120				08/20/13 13:00	08/30/13 13:49	50
Toluene-d8 (Surr)	93		75 - 120				08/20/13 13:00	08/30/13 13:49	50

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<20		40	20	ug/Kg	☼	09/01/13 21:51	09/04/13 17:43	1
2-Methylnaphthalene	<53		200	53	ug/Kg	☼	09/01/13 21:51	09/04/13 17:43	1
Acenaphthene	15	J	40	12	ug/Kg	☼	09/01/13 21:51	09/04/13 17:43	1
Acenaphthylene	9.3	J	40	9.3	ug/Kg	☼	09/01/13 21:51	09/04/13 17:43	1
Anthracene	24	J	40	9.5	ug/Kg	☼	09/01/13 21:51	09/04/13 17:43	1
Benzo[a]anthracene	34	J	40	8.5	ug/Kg	☼	09/01/13 21:51	09/04/13 17:43	1
Benzo[a]pyrene	31	J	40	7.4	ug/Kg	☼	09/01/13 21:51	09/04/13 17:43	1
Benzo[b]fluoranthene	32	J	40	7.9	ug/Kg	☼	09/01/13 21:51	09/04/13 17:43	1
Benzo[g,h,i]perylene	30	J	40	14	ug/Kg	☼	09/01/13 21:51	09/04/13 17:43	1
Benzo[k]fluoranthene	18	J	40	9.6	ug/Kg	☼	09/01/13 21:51	09/04/13 17:43	1
Chrysene	34	J	40	9.1	ug/Kg	☼	09/01/13 21:51	09/04/13 17:43	1
Dibenz(a,h)anthracene	<11		40	11	ug/Kg	☼	09/01/13 21:51	09/04/13 17:43	1
Fluoranthene	120		40	17	ug/Kg	☼	09/01/13 21:51	09/04/13 17:43	1
Fluorene	19	J	40	9.2	ug/Kg	☼	09/01/13 21:51	09/04/13 17:43	1
Indeno[1,2,3-cd]pyrene	20	J	40	14	ug/Kg	☼	09/01/13 21:51	09/04/13 17:43	1
Naphthalene	1400		40	7.8	ug/Kg	☼	09/01/13 21:51	09/04/13 17:43	1
Phenanthrene	86		40	17	ug/Kg	☼	09/01/13 21:51	09/04/13 17:43	1
Pyrene	88		40	15	ug/Kg	☼	09/01/13 21:51	09/04/13 17:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	36		25 - 119				09/01/13 21:51	09/04/13 17:43	1
Nitrobenzene-d5 (Surr)	36		25 - 115				09/01/13 21:51	09/04/13 17:43	1
Terphenyl-d14 (Surr)	45		36 - 134				09/01/13 21:51	09/04/13 17:43	1

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: Trip Blank

Lab Sample ID: 500-61811-35

Date Collected: 08/19/13 00:00

Matrix: Solid

Date Received: 08/24/13 09:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<17		100	17	ug/Kg		08/20/13 00:00	08/30/13 14:14	50
1,1,1-Trichloroethane	<10		50	10	ug/Kg		08/20/13 00:00	08/30/13 14:14	50
1,1,1,2,2-Tetrachloroethane	<12		50	12	ug/Kg		08/20/13 00:00	08/30/13 14:14	50
1,1,2-Trichloroethane	<14		50	14	ug/Kg		08/20/13 00:00	08/30/13 14:14	50
1,1-Dichloroethane	<9.3		50	9.3	ug/Kg		08/20/13 00:00	08/30/13 14:14	50
1,1-Dichloroethene	<15		50	15	ug/Kg		08/20/13 00:00	08/30/13 14:14	50
1,1-Dichloropropene	<17		50	17	ug/Kg		08/20/13 00:00	08/30/13 14:14	50
1,2,3-Trichlorobenzene	<18		100	18	ug/Kg		08/20/13 00:00	08/30/13 14:14	50
1,2,3-Trichloropropane	<29		100	29	ug/Kg		08/20/13 00:00	08/30/13 14:14	50
1,2,4-Trichlorobenzene	<19		100	19	ug/Kg		08/20/13 00:00	08/30/13 14:14	50
1,2,4-Trimethylbenzene	<11		100	11	ug/Kg		08/20/13 00:00	08/30/13 14:14	50
1,2-Dibromo-3-Chloropropane	<44		100	44	ug/Kg		08/20/13 00:00	08/30/13 14:14	50
1,2-Dibromoethane	<16		100	16	ug/Kg		08/20/13 00:00	08/30/13 14:14	50
1,2-Dichlorobenzene	<10		100	10	ug/Kg		08/20/13 00:00	08/30/13 14:14	50
1,2-Dichloroethane	<14		50	14	ug/Kg		08/20/13 00:00	08/30/13 14:14	50
1,2-Dichloropropane	<9.8		50	9.8	ug/Kg		08/20/13 00:00	08/30/13 14:14	50
1,3,5-Trimethylbenzene	<10		100	10	ug/Kg		08/20/13 00:00	08/30/13 14:14	50
1,3-Dichlorobenzene	<13		100	13	ug/Kg		08/20/13 00:00	08/30/13 14:14	50
1,3-Dichloropropane	<6.7		50	6.7	ug/Kg		08/20/13 00:00	08/30/13 14:14	50
1,4-Dichlorobenzene	<8.7		100	8.7	ug/Kg		08/20/13 00:00	08/30/13 14:14	50
2,2-Dichloropropane	<16 *		50	16	ug/Kg		08/20/13 00:00	08/30/13 14:14	50
2-Chlorotoluene	<10		50	10	ug/Kg		08/20/13 00:00	08/30/13 14:14	50
4-Chlorotoluene	<9.9		50	9.9	ug/Kg		08/20/13 00:00	08/30/13 14:14	50
Benzene	<3.7		13	3.7	ug/Kg		08/20/13 00:00	08/30/13 14:14	50
Bromobenzene	<21		100	21	ug/Kg		08/20/13 00:00	08/30/13 14:14	50
Bromochloromethane	<19		100	19	ug/Kg		08/20/13 00:00	08/30/13 14:14	50
Bromodichloromethane	<17		100	17	ug/Kg		08/20/13 00:00	08/30/13 14:14	50
Bromoform	<22		100	22	ug/Kg		08/20/13 00:00	08/30/13 14:14	50
Bromomethane	<34		100	34	ug/Kg		08/20/13 00:00	08/30/13 14:14	50
Carbon tetrachloride	<13		50	13	ug/Kg		08/20/13 00:00	08/30/13 14:14	50
Chlorobenzene	<7.2		50	7.2	ug/Kg		08/20/13 00:00	08/30/13 14:14	50
Chloroethane	<22		100	22	ug/Kg		08/20/13 00:00	08/30/13 14:14	50
Chloroform	<10		50	10	ug/Kg		08/20/13 00:00	08/30/13 14:14	50
Chloromethane	<23		100	23	ug/Kg		08/20/13 00:00	08/30/13 14:14	50
cis-1,2-Dichloroethene	<6.2		50	6.2	ug/Kg		08/20/13 00:00	08/30/13 14:14	50
cis-1,3-Dichloropropene	<8.9		50	8.9	ug/Kg		08/20/13 00:00	08/30/13 14:14	50
Dibromochloromethane	<17		100	17	ug/Kg		08/20/13 00:00	08/30/13 14:14	50
Dibromomethane	<24		100	24	ug/Kg		08/20/13 00:00	08/30/13 14:14	50
Dichlorodifluoromethane	<26		100	26	ug/Kg		08/20/13 00:00	08/30/13 14:14	50
Ethylbenzene	<6.3		13	6.3	ug/Kg		08/20/13 00:00	08/30/13 14:14	50
Hexachlorobutadiene	<17		100	17	ug/Kg		08/20/13 00:00	08/30/13 14:14	50
Isopropyl ether	<7.4		100	7.4	ug/Kg		08/20/13 00:00	08/30/13 14:14	50
Isopropylbenzene	<13		100	13	ug/Kg		08/20/13 00:00	08/30/13 14:14	50
Methyl tert-butyl ether	<22		100	22	ug/Kg		08/20/13 00:00	08/30/13 14:14	50
Methylene Chloride	<34		250	34	ug/Kg		08/20/13 00:00	08/30/13 14:14	50
Naphthalene	<25		100	25	ug/Kg		08/20/13 00:00	08/30/13 14:14	50
n-Butylbenzene	<6.5		50	6.5	ug/Kg		08/20/13 00:00	08/30/13 14:14	50
N-Propylbenzene	<8.8		100	8.8	ug/Kg		08/20/13 00:00	08/30/13 14:14	50
p-Isopropyltoluene	<9.3		100	9.3	ug/Kg		08/20/13 00:00	08/30/13 14:14	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: Trip Blank

Lab Sample ID: 500-61811-35

Date Collected: 08/19/13 00:00

Matrix: Solid

Date Received: 08/24/13 09:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<7.7		50	7.7	ug/Kg		08/20/13 00:00	08/30/13 14:14	50
Styrene	<4.9		50	4.9	ug/Kg		08/20/13 00:00	08/30/13 14:14	50
tert-Butylbenzene	<6.8		50	6.8	ug/Kg		08/20/13 00:00	08/30/13 14:14	50
Tetrachloroethene	<8.4		50	8.4	ug/Kg		08/20/13 00:00	08/30/13 14:14	50
Toluene	<5.8		13	5.8	ug/Kg		08/20/13 00:00	08/30/13 14:14	50
trans-1,2-Dichloroethene	<13		50	13	ug/Kg		08/20/13 00:00	08/30/13 14:14	50
trans-1,3-Dichloropropene	<10		50	10	ug/Kg		08/20/13 00:00	08/30/13 14:14	50
Trichloroethene	<9.3		25	9.3	ug/Kg		08/20/13 00:00	08/30/13 14:14	50
Trichlorofluoromethane	<21		100	21	ug/Kg		08/20/13 00:00	08/30/13 14:14	50
Vinyl chloride	<5.2		13	5.2	ug/Kg		08/20/13 00:00	08/30/13 14:14	50
Xylenes, Total	<3.4		25	3.4	ug/Kg		08/20/13 00:00	08/30/13 14:14	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		75 - 125				08/20/13 00:00	08/30/13 14:14	50
4-Bromofluorobenzene (Surr)	90		75 - 120				08/20/13 00:00	08/30/13 14:14	50
Dibromofluoromethane	84		75 - 120				08/20/13 00:00	08/30/13 14:14	50
Toluene-d8 (Surr)	93		75 - 120				08/20/13 00:00	08/30/13 14:14	50

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: Trip Blank

Lab Sample ID: 500-61811-36

Date Collected: 08/20/13 00:00

Matrix: Solid

Date Received: 08/24/13 09:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<17		100	17	ug/Kg		08/20/13 00:00	08/30/13 14:39	50
1,1,1-Trichloroethane	<10		50	10	ug/Kg		08/20/13 00:00	08/30/13 14:39	50
1,1,1,2,2-Tetrachloroethane	<12		50	12	ug/Kg		08/20/13 00:00	08/30/13 14:39	50
1,1,2-Trichloroethane	<14		50	14	ug/Kg		08/20/13 00:00	08/30/13 14:39	50
1,1-Dichloroethane	<9.3		50	9.3	ug/Kg		08/20/13 00:00	08/30/13 14:39	50
1,1-Dichloroethene	<15		50	15	ug/Kg		08/20/13 00:00	08/30/13 14:39	50
1,1-Dichloropropene	<17		50	17	ug/Kg		08/20/13 00:00	08/30/13 14:39	50
1,2,3-Trichlorobenzene	<18		100	18	ug/Kg		08/20/13 00:00	08/30/13 14:39	50
1,2,3-Trichloropropane	<29		100	29	ug/Kg		08/20/13 00:00	08/30/13 14:39	50
1,2,4-Trichlorobenzene	<19		100	19	ug/Kg		08/20/13 00:00	08/30/13 14:39	50
1,2,4-Trimethylbenzene	<11		100	11	ug/Kg		08/20/13 00:00	08/30/13 14:39	50
1,2-Dibromo-3-Chloropropane	<44		100	44	ug/Kg		08/20/13 00:00	08/30/13 14:39	50
1,2-Dibromoethane	<16		100	16	ug/Kg		08/20/13 00:00	08/30/13 14:39	50
1,2-Dichlorobenzene	<10		100	10	ug/Kg		08/20/13 00:00	08/30/13 14:39	50
1,2-Dichloroethane	<14		50	14	ug/Kg		08/20/13 00:00	08/30/13 14:39	50
1,2-Dichloropropane	<9.8		50	9.8	ug/Kg		08/20/13 00:00	08/30/13 14:39	50
1,3,5-Trimethylbenzene	<10		100	10	ug/Kg		08/20/13 00:00	08/30/13 14:39	50
1,3-Dichlorobenzene	<13		100	13	ug/Kg		08/20/13 00:00	08/30/13 14:39	50
1,3-Dichloropropane	<6.7		50	6.7	ug/Kg		08/20/13 00:00	08/30/13 14:39	50
1,4-Dichlorobenzene	<8.7		100	8.7	ug/Kg		08/20/13 00:00	08/30/13 14:39	50
2,2-Dichloropropane	<16 *		50	16	ug/Kg		08/20/13 00:00	08/30/13 14:39	50
2-Chlorotoluene	<10		50	10	ug/Kg		08/20/13 00:00	08/30/13 14:39	50
4-Chlorotoluene	<9.9		50	9.9	ug/Kg		08/20/13 00:00	08/30/13 14:39	50
Benzene	<3.7		13	3.7	ug/Kg		08/20/13 00:00	08/30/13 14:39	50
Bromobenzene	<21		100	21	ug/Kg		08/20/13 00:00	08/30/13 14:39	50
Bromochloromethane	<19		100	19	ug/Kg		08/20/13 00:00	08/30/13 14:39	50
Bromodichloromethane	<17		100	17	ug/Kg		08/20/13 00:00	08/30/13 14:39	50
Bromoform	<22		100	22	ug/Kg		08/20/13 00:00	08/30/13 14:39	50
Bromomethane	<34		100	34	ug/Kg		08/20/13 00:00	08/30/13 14:39	50
Carbon tetrachloride	<13		50	13	ug/Kg		08/20/13 00:00	08/30/13 14:39	50
Chlorobenzene	<7.2		50	7.2	ug/Kg		08/20/13 00:00	08/30/13 14:39	50
Chloroethane	<22		100	22	ug/Kg		08/20/13 00:00	08/30/13 14:39	50
Chloroform	<10		50	10	ug/Kg		08/20/13 00:00	08/30/13 14:39	50
Chloromethane	<23		100	23	ug/Kg		08/20/13 00:00	08/30/13 14:39	50
cis-1,2-Dichloroethene	<6.2		50	6.2	ug/Kg		08/20/13 00:00	08/30/13 14:39	50
cis-1,3-Dichloropropene	<8.9		50	8.9	ug/Kg		08/20/13 00:00	08/30/13 14:39	50
Dibromochloromethane	<17		100	17	ug/Kg		08/20/13 00:00	08/30/13 14:39	50
Dibromomethane	<24		100	24	ug/Kg		08/20/13 00:00	08/30/13 14:39	50
Dichlorodifluoromethane	<26		100	26	ug/Kg		08/20/13 00:00	08/30/13 14:39	50
Ethylbenzene	<6.3		13	6.3	ug/Kg		08/20/13 00:00	08/30/13 14:39	50
Hexachlorobutadiene	<17		100	17	ug/Kg		08/20/13 00:00	08/30/13 14:39	50
Isopropyl ether	<7.4		100	7.4	ug/Kg		08/20/13 00:00	08/30/13 14:39	50
Isopropylbenzene	<13		100	13	ug/Kg		08/20/13 00:00	08/30/13 14:39	50
Methyl tert-butyl ether	<22		100	22	ug/Kg		08/20/13 00:00	08/30/13 14:39	50
Methylene Chloride	<34		250	34	ug/Kg		08/20/13 00:00	08/30/13 14:39	50
Naphthalene	<25		100	25	ug/Kg		08/20/13 00:00	08/30/13 14:39	50
n-Butylbenzene	<6.5		50	6.5	ug/Kg		08/20/13 00:00	08/30/13 14:39	50
N-Propylbenzene	<8.8		100	8.8	ug/Kg		08/20/13 00:00	08/30/13 14:39	50
p-Isopropyltoluene	<9.3		100	9.3	ug/Kg		08/20/13 00:00	08/30/13 14:39	50

TestAmerica Chicago

Client Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: Trip Blank

Lab Sample ID: 500-61811-36

Date Collected: 08/20/13 00:00

Matrix: Solid

Date Received: 08/24/13 09:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<7.7		50	7.7	ug/Kg		08/20/13 00:00	08/30/13 14:39	50
Styrene	<4.9		50	4.9	ug/Kg		08/20/13 00:00	08/30/13 14:39	50
tert-Butylbenzene	<6.8		50	6.8	ug/Kg		08/20/13 00:00	08/30/13 14:39	50
Tetrachloroethene	<8.4		50	8.4	ug/Kg		08/20/13 00:00	08/30/13 14:39	50
Toluene	<5.8		13	5.8	ug/Kg		08/20/13 00:00	08/30/13 14:39	50
trans-1,2-Dichloroethene	<13		50	13	ug/Kg		08/20/13 00:00	08/30/13 14:39	50
trans-1,3-Dichloropropene	<10		50	10	ug/Kg		08/20/13 00:00	08/30/13 14:39	50
Trichloroethene	<9.3		25	9.3	ug/Kg		08/20/13 00:00	08/30/13 14:39	50
Trichlorofluoromethane	<21		100	21	ug/Kg		08/20/13 00:00	08/30/13 14:39	50
Vinyl chloride	<5.2		13	5.2	ug/Kg		08/20/13 00:00	08/30/13 14:39	50
Xylenes, Total	<3.4		25	3.4	ug/Kg		08/20/13 00:00	08/30/13 14:39	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		75 - 125				08/20/13 00:00	08/30/13 14:39	50
4-Bromofluorobenzene (Surr)	94		75 - 120				08/20/13 00:00	08/30/13 14:39	50
Dibromofluoromethane	85		75 - 120				08/20/13 00:00	08/30/13 14:39	50
Toluene-d8 (Surr)	93		75 - 120				08/20/13 00:00	08/30/13 14:39	50

Definitions/Glossary

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
F	MS/MSD Recovery and/or RPD exceeds the control limits
*	LCS or LCSD 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/MS 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.
F	MS/MSD Recovery and/or RPD exceeds the control limits
D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.
X	Surrogate is outside control limits

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
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

QC Association Summary

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

GC/MS VOA

Prep Batch: 199846

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-61811-1	B-118 0-2'	Total/NA	Solid	5035	
500-61811-2	B-118 4-6'	Total/NA	Solid	5035	
500-61811-3	B-118 8-10'	Total/NA	Solid	5035	
500-61811-4	B-118 13-15'	Total/NA	Solid	5035	
500-61811-5	B-119 0-2'	Total/NA	Solid	5035	
500-61811-6 - DL	B-119 4-6'	Total/NA	Solid	5035	
500-61811-6	B-119 4-6'	Total/NA	Solid	5035	
500-61811-7	B-119 8-10'	Total/NA	Solid	5035	
500-61811-8	B-119 13-15'	Total/NA	Solid	5035	
500-61811-9	B-120 0-2'	Total/NA	Solid	5035	
500-61811-10	B-120 4-6'	Total/NA	Solid	5035	
500-61811-11	B-120 8-10'	Total/NA	Solid	5035	
500-61811-12	B-120 13-15'	Total/NA	Solid	5035	
500-61811-14	B-121 4-6'	Total/NA	Solid	5035	
500-61811-15	B-121 10-11'	Total/NA	Solid	5035	
500-61811-16	B-121 13-15'	Total/NA	Solid	5035	
500-61811-17	B-122 0-2'	Total/NA	Solid	5035	
500-61811-18	B-122 4-6'	Total/NA	Solid	5035	
500-61811-19	B-122 8-10'	Total/NA	Solid	5035	
500-61811-20	B-122 13-15'	Total/NA	Solid	5035	
LB3 500-199846/21-A LB3	Method Blank	Total/NA	Solid	5035	
LCS 500-199846/22-A	Lab Control Sample	Total/NA	Solid	5035	

Prep Batch: 199847

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-61811-21	B-123 0-2'	Total/NA	Solid	5035	
500-61811-22	B-123 4-6'	Total/NA	Solid	5035	
500-61811-23	B-123 8-10'	Total/NA	Solid	5035	
500-61811-24	B-123 13-15'	Total/NA	Solid	5035	
500-61811-25	B-124 0-3'	Total/NA	Solid	5035	
500-61811-26	B-124 4-6'	Total/NA	Solid	5035	
500-61811-26 - DL	B-124 4-6'	Total/NA	Solid	5035	
500-61811-27	B-124 8-10'	Total/NA	Solid	5035	
500-61811-27 - DL	B-124 8-10'	Total/NA	Solid	5035	
500-61811-28	B-124 13-15'	Total/NA	Solid	5035	
500-61811-29	B-124 18-20'	Total/NA	Solid	5035	
500-61811-29 MS	B-124 18-20'	Total/NA	Solid	5035	
500-61811-29 MSD	B-124 18-20'	Total/NA	Solid	5035	
500-61811-30	B-125 0-2'	Total/NA	Solid	5035	
500-61811-31	B-125 4-6'	Total/NA	Solid	5035	
500-61811-32	B-125 8-10'	Total/NA	Solid	5035	
500-61811-32 - DL	B-125 8-10'	Total/NA	Solid	5035	
500-61811-33	B-125 13-15'	Total/NA	Solid	5035	
500-61811-34	B-125 18-20'	Total/NA	Solid	5035	
500-61811-35	Trip Blank	Total/NA	Solid	5035	
500-61811-36	Trip Blank	Total/NA	Solid	5035	
LB3 500-199847/19-A LB3	Method Blank	Total/NA	Solid	5035	
LCS 500-199847/20-A	Lab Control Sample	Total/NA	Solid	5035	

QC Association Summary

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

GC/MS VOA (Continued)

Prep Batch: 199886

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-61811-13	B-121 0-2'	Total/NA	Solid	5030B	
500-61811-13 MS	B-121 0-2'	Total/NA	Solid	5030B	
500-61811-13 MSD	B-121 0-2'	Total/NA	Solid	5030B	

Analysis Batch: 200518

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-61811-1	B-118 0-2'	Total/NA	Solid	8260B	199846
500-61811-2	B-118 4-6'	Total/NA	Solid	8260B	199846
500-61811-3	B-118 8-10'	Total/NA	Solid	8260B	199846
500-61811-4	B-118 13-15'	Total/NA	Solid	8260B	199846
500-61811-5	B-119 0-2'	Total/NA	Solid	8260B	199846
500-61811-6	B-119 4-6'	Total/NA	Solid	8260B	199846
500-61811-7	B-119 8-10'	Total/NA	Solid	8260B	199846
500-61811-8	B-119 13-15'	Total/NA	Solid	8260B	199846
500-61811-9	B-120 0-2'	Total/NA	Solid	8260B	199846
500-61811-10	B-120 4-6'	Total/NA	Solid	8260B	199846
500-61811-11	B-120 8-10'	Total/NA	Solid	8260B	199846
500-61811-12	B-120 13-15'	Total/NA	Solid	8260B	199846
500-61811-13	B-121 0-2'	Total/NA	Solid	8260B	199886
500-61811-13 MS	B-121 0-2'	Total/NA	Solid	8260B	199886
500-61811-13 MSD	B-121 0-2'	Total/NA	Solid	8260B	199886
LCS 500-200518/4	Lab Control Sample	Total/NA	Solid	8260B	
MB 500-200518/6	Method Blank	Total/NA	Solid	8260B	

Analysis Batch: 200573

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-61811-14	B-121 4-6'	Total/NA	Solid	8260B	199846
500-61811-15	B-121 10-11'	Total/NA	Solid	8260B	199846
500-61811-16	B-121 13-15'	Total/NA	Solid	8260B	199846
500-61811-17	B-122 0-2'	Total/NA	Solid	8260B	199846
500-61811-18	B-122 4-6'	Total/NA	Solid	8260B	199846
500-61811-19	B-122 8-10'	Total/NA	Solid	8260B	199846
500-61811-20	B-122 13-15'	Total/NA	Solid	8260B	199846
500-61811-21	B-123 0-2'	Total/NA	Solid	8260B	199847
500-61811-22	B-123 4-6'	Total/NA	Solid	8260B	199847
500-61811-23	B-123 8-10'	Total/NA	Solid	8260B	199847
500-61811-24	B-123 13-15'	Total/NA	Solid	8260B	199847
500-61811-25	B-124 0-3'	Total/NA	Solid	8260B	199847
500-61811-26	B-124 4-6'	Total/NA	Solid	8260B	199847
500-61811-27	B-124 8-10'	Total/NA	Solid	8260B	199847
500-61811-27 - DL	B-124 8-10'	Total/NA	Solid	8260B	199847
500-61811-28	B-124 13-15'	Total/NA	Solid	8260B	199847
500-61811-29	B-124 18-20'	Total/NA	Solid	8260B	199847
500-61811-29 MS	B-124 18-20'	Total/NA	Solid	8260B	199847
500-61811-29 MSD	B-124 18-20'	Total/NA	Solid	8260B	199847
LB3 500-199846/21-A LB3	Method Blank	Total/NA	Solid	8260B	199846
LCS 500-199846/22-A	Lab Control Sample	Total/NA	Solid	8260B	199846
LCS 500-200573/4	Lab Control Sample	Total/NA	Solid	8260B	
MB 500-200573/6	Method Blank	Total/NA	Solid	8260B	

QC Association Summary

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

GC/MS VOA (Continued)

Analysis Batch: 200695

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-61811-6 - DL	B-119 4-6'	Total/NA	Solid	8260B	199846
500-61811-26 - DL	B-124 4-6'	Total/NA	Solid	8260B	199847
500-61811-30	B-125 0-2'	Total/NA	Solid	8260B	199847
500-61811-31	B-125 4-6'	Total/NA	Solid	8260B	199847
500-61811-32	B-125 8-10'	Total/NA	Solid	8260B	199847
500-61811-32 - DL	B-125 8-10'	Total/NA	Solid	8260B	199847
500-61811-33	B-125 13-15'	Total/NA	Solid	8260B	199847
500-61811-34	B-125 18-20'	Total/NA	Solid	8260B	199847
500-61811-35	Trip Blank	Total/NA	Solid	8260B	199847
500-61811-36	Trip Blank	Total/NA	Solid	8260B	199847
LB3 500-199847/19-A LB3	Method Blank	Total/NA	Solid	8260B	199847
LCS 500-199847/20-A	Lab Control Sample	Total/NA	Solid	8260B	199847
LCS 500-200695/4	Lab Control Sample	Total/NA	Solid	8260B	199847
MB 500-200695/6	Method Blank	Total/NA	Solid	8260B	199847

GC/MS Semi VOA

Prep Batch: 200842

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-61811-1	B-118 0-2'	Total/NA	Solid	3541	
500-61811-1 MS	B-118 0-2'	Total/NA	Solid	3541	
500-61811-1 MSD	B-118 0-2'	Total/NA	Solid	3541	
500-61811-2	B-118 4-6'	Total/NA	Solid	3541	
500-61811-3	B-118 8-10'	Total/NA	Solid	3541	
500-61811-4	B-118 13-15'	Total/NA	Solid	3541	
500-61811-5	B-119 0-2'	Total/NA	Solid	3541	
500-61811-6	B-119 4-6'	Total/NA	Solid	3541	
500-61811-6 - DL	B-119 4-6'	Total/NA	Solid	3541	
500-61811-7	B-119 8-10'	Total/NA	Solid	3541	
500-61811-8	B-119 13-15'	Total/NA	Solid	3541	
500-61811-9	B-120 0-2'	Total/NA	Solid	3541	
500-61811-10	B-120 4-6'	Total/NA	Solid	3541	
500-61811-11	B-120 8-10'	Total/NA	Solid	3541	
500-61811-12	B-120 13-15'	Total/NA	Solid	3541	
500-61811-13 - DL	B-121 0-2'	Total/NA	Solid	3541	
500-61811-13	B-121 0-2'	Total/NA	Solid	3541	
500-61811-14	B-121 4-6'	Total/NA	Solid	3541	
500-61811-14 - DL	B-121 4-6'	Total/NA	Solid	3541	
500-61811-15	B-121 10-11'	Total/NA	Solid	3541	
500-61811-16	B-121 13-15'	Total/NA	Solid	3541	
500-61811-17	B-122 0-2'	Total/NA	Solid	3541	
500-61811-17 - DL	B-122 0-2'	Total/NA	Solid	3541	
500-61811-18	B-122 4-6'	Total/NA	Solid	3541	
500-61811-18 - DL	B-122 4-6'	Total/NA	Solid	3541	
500-61811-19	B-122 8-10'	Total/NA	Solid	3541	
LCS 500-200842/2-A	Lab Control Sample	Total/NA	Solid	3541	
MB 500-200842/1-A	Method Blank	Total/NA	Solid	3541	

QC Association Summary

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

GC/MS Semi VOA (Continued)

Prep Batch: 200911

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-61811-21	B-123 0-2'	Total/NA	Solid	3541	
500-61811-21 MS	B-123 0-2'	Total/NA	Solid	3541	
500-61811-21 MSD	B-123 0-2'	Total/NA	Solid	3541	
500-61811-22 - DL	B-123 4-6'	Total/NA	Solid	3541	
500-61811-22	B-123 4-6'	Total/NA	Solid	3541	
500-61811-23	B-123 8-10'	Total/NA	Solid	3541	
500-61811-23 - DL	B-123 8-10'	Total/NA	Solid	3541	
500-61811-24	B-123 13-15'	Total/NA	Solid	3541	
500-61811-25	B-124 0-3'	Total/NA	Solid	3541	
500-61811-26	B-124 4-6'	Total/NA	Solid	3541	
500-61811-27	B-124 8-10'	Total/NA	Solid	3541	
500-61811-27 - DL	B-124 8-10'	Total/NA	Solid	3541	
500-61811-28	B-124 13-15'	Total/NA	Solid	3541	
500-61811-28 - DL	B-124 13-15'	Total/NA	Solid	3541	
500-61811-29	B-124 18-20'	Total/NA	Solid	3541	
500-61811-30	B-125 0-2'	Total/NA	Solid	3541	
500-61811-31	B-125 4-6'	Total/NA	Solid	3541	
500-61811-32	B-125 8-10'	Total/NA	Solid	3541	
500-61811-33	B-125 13-15'	Total/NA	Solid	3541	
500-61811-34	B-125 18-20'	Total/NA	Solid	3541	
LCS 500-200911/2-A	Lab Control Sample	Total/NA	Solid	3541	
MB 500-200911/1-A	Method Blank	Total/NA	Solid	3541	

Analysis Batch: 200963

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 500-200842/2-A	Lab Control Sample	Total/NA	Solid	8270D	200842
LCS 500-200911/2-A	Lab Control Sample	Total/NA	Solid	8270D	200911
MB 500-200842/1-A	Method Blank	Total/NA	Solid	8270D	200842
MB 500-200911/1-A	Method Blank	Total/NA	Solid	8270D	200911

Prep Batch: 201106

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-61811-20	B-122 13-15'	Total/NA	Solid	3541	
LCS 500-201106/2-A	Lab Control Sample	Total/NA	Solid	3541	
MB 500-201106/1-A	Method Blank	Total/NA	Solid	3541	

Analysis Batch: 201173

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 500-201106/2-A	Lab Control Sample	Total/NA	Solid	8270D	201106
MB 500-201106/1-A	Method Blank	Total/NA	Solid	8270D	201106

Analysis Batch: 201188

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-61811-1	B-118 0-2'	Total/NA	Solid	8270D	200842
500-61811-1 MS	B-118 0-2'	Total/NA	Solid	8270D	200842
500-61811-1 MSD	B-118 0-2'	Total/NA	Solid	8270D	200842
500-61811-2	B-118 4-6'	Total/NA	Solid	8270D	200842
500-61811-3	B-118 8-10'	Total/NA	Solid	8270D	200842
500-61811-4	B-118 13-15'	Total/NA	Solid	8270D	200842
500-61811-5	B-119 0-2'	Total/NA	Solid	8270D	200842
500-61811-6	B-119 4-6'	Total/NA	Solid	8270D	200842

TestAmerica Chicago

QC Association Summary

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

GC/MS Semi VOA (Continued)

Analysis Batch: 201188 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-61811-7	B-119 8-10'	Total/NA	Solid	8270D	200842
500-61811-8	B-119 13-15'	Total/NA	Solid	8270D	200842
500-61811-9	B-120 0-2'	Total/NA	Solid	8270D	200842
500-61811-10	B-120 4-6'	Total/NA	Solid	8270D	200842
500-61811-11	B-120 8-10'	Total/NA	Solid	8270D	200842
500-61811-12	B-120 13-15'	Total/NA	Solid	8270D	200842
500-61811-13	B-121 0-2'	Total/NA	Solid	8270D	200842
500-61811-14	B-121 4-6'	Total/NA	Solid	8270D	200842
500-61811-15	B-121 10-11'	Total/NA	Solid	8270D	200842
500-61811-16	B-121 13-15'	Total/NA	Solid	8270D	200842
500-61811-17	B-122 0-2'	Total/NA	Solid	8270D	200842
500-61811-20	B-122 13-15'	Total/NA	Solid	8270D	201106
500-61811-21	B-123 0-2'	Total/NA	Solid	8270D	200911
500-61811-21 MSD	B-123 0-2'	Total/NA	Solid	8270D	200911
500-61811-22	B-123 4-6'	Total/NA	Solid	8270D	200911
500-61811-23	B-123 8-10'	Total/NA	Solid	8270D	200911
500-61811-24	B-123 13-15'	Total/NA	Solid	8270D	200911
500-61811-25	B-124 0-3'	Total/NA	Solid	8270D	200911
500-61811-28	B-124 13-15'	Total/NA	Solid	8270D	200911
500-61811-29	B-124 18-20'	Total/NA	Solid	8270D	200911
500-61811-30	B-125 0-2'	Total/NA	Solid	8270D	200911
500-61811-31	B-125 4-6'	Total/NA	Solid	8270D	200911
500-61811-33	B-125 13-15'	Total/NA	Solid	8270D	200911
500-61811-34	B-125 18-20'	Total/NA	Solid	8270D	200911

Analysis Batch: 201405

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-61811-6 - DL	B-119 4-6'	Total/NA	Solid	8270D	200842
500-61811-13 - DL	B-121 0-2'	Total/NA	Solid	8270D	200842
500-61811-14 - DL	B-121 4-6'	Total/NA	Solid	8270D	200842
500-61811-17 - DL	B-122 0-2'	Total/NA	Solid	8270D	200842
500-61811-18	B-122 4-6'	Total/NA	Solid	8270D	200842
500-61811-19	B-122 8-10'	Total/NA	Solid	8270D	200842
500-61811-22 - DL	B-123 4-6'	Total/NA	Solid	8270D	200911
500-61811-23 - DL	B-123 8-10'	Total/NA	Solid	8270D	200911
500-61811-26	B-124 4-6'	Total/NA	Solid	8270D	200911
500-61811-27	B-124 8-10'	Total/NA	Solid	8270D	200911
500-61811-32	B-125 8-10'	Total/NA	Solid	8270D	200911

Analysis Batch: 201554

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-61811-18 - DL	B-122 4-6'	Total/NA	Solid	8270D	200842
500-61811-21 MS	B-123 0-2'	Total/NA	Solid	8270D	200911
500-61811-27 - DL	B-124 8-10'	Total/NA	Solid	8270D	200911

Analysis Batch: 201806

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-61811-28 - DL	B-124 13-15'	Total/NA	Solid	8270D	200911

QC Association Summary

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

GC Semi VOA

Prep Batch: 200838

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-61811-1	B-118 0-2'	Total/NA	Solid	3541	
500-61811-1 MS	B-118 0-2'	Total/NA	Solid	3541	
500-61811-1 MSD	B-118 0-2'	Total/NA	Solid	3541	
500-61811-2	B-118 4-6'	Total/NA	Solid	3541	
500-61811-3	B-118 8-10'	Total/NA	Solid	3541	
500-61811-5	B-119 0-2'	Total/NA	Solid	3541	
500-61811-6	B-119 4-6'	Total/NA	Solid	3541	
500-61811-7	B-119 8-10'	Total/NA	Solid	3541	
500-61811-9	B-120 0-2'	Total/NA	Solid	3541	
500-61811-10	B-120 4-6'	Total/NA	Solid	3541	
500-61811-11	B-120 8-10'	Total/NA	Solid	3541	
500-61811-13	B-121 0-2'	Total/NA	Solid	3541	
500-61811-14	B-121 4-6'	Total/NA	Solid	3541	
500-61811-15	B-121 10-11'	Total/NA	Solid	3541	
500-61811-17	B-122 0-2'	Total/NA	Solid	3541	
500-61811-18	B-122 4-6'	Total/NA	Solid	3541	
500-61811-19	B-122 8-10'	Total/NA	Solid	3541	
500-61811-21	B-123 0-2'	Total/NA	Solid	3541	
500-61811-22	B-123 4-6'	Total/NA	Solid	3541	
500-61811-23	B-123 8-10'	Total/NA	Solid	3541	
500-61811-25	B-124 0-3'	Total/NA	Solid	3541	
500-61811-26	B-124 4-6'	Total/NA	Solid	3541	
LCS 500-200838/2-A	Lab Control Sample	Total/NA	Solid	3541	
MB 500-200838/1-A	Method Blank	Total/NA	Solid	3541	

Prep Batch: 201121

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-61811-27	B-124 8-10'	Total/NA	Solid	3541	
500-61811-30	B-125 0-2'	Total/NA	Solid	3541	
500-61811-31	B-125 4-6'	Total/NA	Solid	3541	
500-61811-32	B-125 8-10'	Total/NA	Solid	3541	
LCS 500-201121/2-A	Lab Control Sample	Total/NA	Solid	3541	
MB 500-201121/1-A	Method Blank	Total/NA	Solid	3541	

Analysis Batch: 201154

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-61811-1	B-118 0-2'	Total/NA	Solid	8082	200838
500-61811-1 MS	B-118 0-2'	Total/NA	Solid	8082	200838
500-61811-1 MSD	B-118 0-2'	Total/NA	Solid	8082	200838
500-61811-2	B-118 4-6'	Total/NA	Solid	8082	200838
500-61811-3	B-118 8-10'	Total/NA	Solid	8082	200838
500-61811-5	B-119 0-2'	Total/NA	Solid	8082	200838
500-61811-6	B-119 4-6'	Total/NA	Solid	8082	200838
500-61811-7	B-119 8-10'	Total/NA	Solid	8082	200838
500-61811-9	B-120 0-2'	Total/NA	Solid	8082	200838
500-61811-10	B-120 4-6'	Total/NA	Solid	8082	200838
500-61811-11	B-120 8-10'	Total/NA	Solid	8082	200838
500-61811-13	B-121 0-2'	Total/NA	Solid	8082	200838
500-61811-14	B-121 4-6'	Total/NA	Solid	8082	200838
500-61811-15	B-121 10-11'	Total/NA	Solid	8082	200838
500-61811-17	B-122 0-2'	Total/NA	Solid	8082	200838

TestAmerica Chicago

QC Association Summary

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

GC Semi VOA (Continued)

Analysis Batch: 201154 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-61811-18	B-122 4-6'	Total/NA	Solid	8082	200838
500-61811-19	B-122 8-10'	Total/NA	Solid	8082	200838
500-61811-21	B-123 0-2'	Total/NA	Solid	8082	200838
500-61811-22	B-123 4-6'	Total/NA	Solid	8082	200838
500-61811-23	B-123 8-10'	Total/NA	Solid	8082	200838
500-61811-25	B-124 0-3'	Total/NA	Solid	8082	200838
500-61811-26	B-124 4-6'	Total/NA	Solid	8082	200838
500-61811-27	B-124 8-10'	Total/NA	Solid	8082	201121
500-61811-30	B-125 0-2'	Total/NA	Solid	8082	201121
500-61811-31	B-125 4-6'	Total/NA	Solid	8082	201121
500-61811-32	B-125 8-10'	Total/NA	Solid	8082	201121
LCS 500-200838/2-A	Lab Control Sample	Total/NA	Solid	8082	200838
LCS 500-201121/2-A	Lab Control Sample	Total/NA	Solid	8082	201121
MB 500-200838/1-A	Method Blank	Total/NA	Solid	8082	200838
MB 500-201121/1-A	Method Blank	Total/NA	Solid	8082	201121

General Chemistry

Analysis Batch: 199811

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-61811-1	B-118 0-2'	Total/NA	Solid	Moisture	
500-61811-2	B-118 4-6'	Total/NA	Solid	Moisture	
500-61811-3	B-118 8-10'	Total/NA	Solid	Moisture	
500-61811-4	B-118 13-15'	Total/NA	Solid	Moisture	
500-61811-5	B-119 0-2'	Total/NA	Solid	Moisture	
500-61811-6	B-119 4-6'	Total/NA	Solid	Moisture	
500-61811-7	B-119 8-10'	Total/NA	Solid	Moisture	
500-61811-8	B-119 13-15'	Total/NA	Solid	Moisture	
500-61811-9	B-120 0-2'	Total/NA	Solid	Moisture	
500-61811-10	B-120 4-6'	Total/NA	Solid	Moisture	
500-61811-11	B-120 8-10'	Total/NA	Solid	Moisture	
500-61811-12	B-120 13-15'	Total/NA	Solid	Moisture	
500-61811-13	B-121 0-2'	Total/NA	Solid	Moisture	
500-61811-14	B-121 4-6'	Total/NA	Solid	Moisture	
500-61811-15	B-121 10-11'	Total/NA	Solid	Moisture	
500-61811-16	B-121 13-15'	Total/NA	Solid	Moisture	

Analysis Batch: 199813

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-61811-17	B-122 0-2'	Total/NA	Solid	Moisture	
500-61811-17 DU	B-122 0-2'	Total/NA	Solid	Moisture	
500-61811-18	B-122 4-6'	Total/NA	Solid	Moisture	
500-61811-19	B-122 8-10'	Total/NA	Solid	Moisture	
500-61811-20	B-122 13-15'	Total/NA	Solid	Moisture	
500-61811-21	B-123 0-2'	Total/NA	Solid	Moisture	
500-61811-22	B-123 4-6'	Total/NA	Solid	Moisture	
500-61811-23	B-123 8-10'	Total/NA	Solid	Moisture	
500-61811-24	B-123 13-15'	Total/NA	Solid	Moisture	
500-61811-25	B-124 0-3'	Total/NA	Solid	Moisture	
500-61811-26	B-124 4-6'	Total/NA	Solid	Moisture	

TestAmerica Chicago

QC Association Summary

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

General Chemistry (Continued)

Analysis Batch: 199813 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-61811-27	B-124 8-10'	Total/NA	Solid	Moisture	
500-61811-28	B-124 13-15'	Total/NA	Solid	Moisture	
500-61811-29	B-124 18-20'	Total/NA	Solid	Moisture	
500-61811-30	B-125 0-2'	Total/NA	Solid	Moisture	
500-61811-31	B-125 4-6'	Total/NA	Solid	Moisture	
500-61811-32	B-125 8-10'	Total/NA	Solid	Moisture	
500-61811-33	B-125 13-15'	Total/NA	Solid	Moisture	
500-61811-34	B-125 18-20'	Total/NA	Solid	Moisture	

Surrogate Summary

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		12DCE (75-125)	BFB (75-120)	DBFM (75-120)	TOL (75-120)
500-61811-1	B-118 0-2'	98	94	87	92
500-61811-2	B-118 4-6'	98	98	87	91
500-61811-3	B-118 8-10'	95	99	85	93
500-61811-4	B-118 13-15'	96	97	86	93
500-61811-5	B-119 0-2'	95	94	85	94
500-61811-6	B-119 4-6'	97	94	86	93
500-61811-6 - DL	B-119 4-6'	98	94	86	93
500-61811-7	B-119 8-10'	95	95	85	92
500-61811-8	B-119 13-15'	98	95	86	92
500-61811-9	B-120 0-2'	97	95	85	93
500-61811-10	B-120 4-6'	96	94	85	93
500-61811-11	B-120 8-10'	97	94	86	90
500-61811-12	B-120 13-15'	98	96	85	94
500-61811-13	B-121 0-2'	96	94	83	93
500-61811-13 MS	B-121 0-2'	96	92	94	89
500-61811-13 MSD	B-121 0-2'	96	97	96	90
500-61811-14	B-121 4-6'	98	97	87	93
500-61811-15	B-121 10-11'	93	94	86	92
500-61811-16	B-121 13-15'	95	95	86	94
500-61811-17	B-122 0-2'	98	95	88	90
500-61811-18	B-122 4-6'	94	95	84	92
500-61811-19	B-122 8-10'	96	96	85	93
500-61811-20	B-122 13-15'	94	95	84	91
500-61811-21	B-123 0-2'	96	95	84	95
500-61811-22	B-123 4-6'	96	98	85	94
500-61811-23	B-123 8-10'	95	94	85	92
500-61811-24	B-123 13-15'	99	94	88	91
500-61811-25	B-124 0-3'	97	92	87	93
500-61811-26	B-124 4-6'	93	92	89	91
500-61811-26 - DL	B-124 4-6'	100	93	89	90
500-61811-27	B-124 8-10'	97	92	88	90
500-61811-27 - DL	B-124 8-10'	94	95	89	93
500-61811-28	B-124 13-15'	94	95	84	96
500-61811-29	B-124 18-20'	95	96	86	93
500-61811-29 MS	B-124 18-20'	95	94	93	94
500-61811-29 MSD	B-124 18-20'	95	92	94	94
500-61811-30	B-125 0-2'	100	93	84	91
500-61811-31	B-125 4-6'	97	88	85	91
500-61811-32	B-125 8-10'	100	90	86	93
500-61811-32 - DL	B-125 8-10'	98	93	88	94
500-61811-33	B-125 13-15'	101	90	88	90
500-61811-34	B-125 18-20'	100	92	85	93
500-61811-35	Trip Blank	100	90	84	93
500-61811-36	Trip Blank	99	94	85	93
LB3 500-199846/21-A LB3	Method Blank	94	95	83	96
LB3 500-199847/19-A LB3	Method Blank	99	93	85	94
LCS 500-199846/22-A	Lab Control Sample	96	95	95	89
LCS 500-199847/20-A	Lab Control Sample	99	94	94	93
LCS 500-200518/4	Lab Control Sample	89	93	92	93

TestAmerica Chicago

Surrogate Summary

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		12DCE (75-125)	BFB (75-120)	DBFM (75-120)	TOL (75-120)
LCS 500-200573/4	Lab Control Sample	94	95	95	91
LCS 500-200695/4	Lab Control Sample	94	92	91	94
MB 500-200518/6	Method Blank	93	93	86	94
MB 500-200573/6	Method Blank	98	97	87	91
MB 500-200695/6	Method Blank	96	92	85	91

Surrogate Legend

- 12DCE = 1,2-Dichloroethane-d4 (Surr)
- BFB = 4-Bromofluorobenzene (Surr)
- DBFM = Dibromofluoromethane
- TOL = Toluene-d8 (Surr)

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		FBP (25-119)	NBZ (25-115)	TPH (36-134)
500-61811-1	B-118 0-2'	48	41	56
500-61811-1 MS	B-118 0-2'	54	59	61
500-61811-1 MSD	B-118 0-2'	73	77	82
500-61811-2	B-118 4-6'	51	50	54
500-61811-3	B-118 8-10'	52	59	55
500-61811-4	B-118 13-15'	39	40	48
500-61811-5	B-119 0-2'	46	50	55
500-61811-6	B-119 4-6'	54	56	62
500-61811-6 - DL	B-119 4-6'	59	47	71
500-61811-7	B-119 8-10'	37	35	47
500-61811-8	B-119 13-15'	35	35	45
500-61811-9	B-120 0-2'	41	36	49
500-61811-10	B-120 4-6'	42	34	55
500-61811-11	B-120 8-10'	44	39	65
500-61811-12	B-120 13-15'	37	32	55
500-61811-13	B-121 0-2'	55	38	98
500-61811-13 - DL	B-121 0-2'	0 D	0 D	0 D
500-61811-14	B-121 4-6'	54	36	96
500-61811-14 - DL	B-121 4-6'	0 D	0 D	0 D
500-61811-15	B-121 10-11'	30	21 X	49
500-61811-16	B-121 13-15'	38	37	56
500-61811-17	B-122 0-2'	47	44	53
500-61811-17 - DL	B-122 0-2'	51	34	56
500-61811-18	B-122 4-6'	48	51	53
500-61811-18 - DL	B-122 4-6'	37	24 X	45
500-61811-19	B-122 8-10'	34	30	43
500-61811-20	B-122 13-15'	37	32	80
500-61811-21	B-123 0-2'	72	67	49
500-61811-21 MS	B-123 0-2'	77	56	48
500-61811-21 MSD	B-123 0-2'	57	56	64
500-61811-22	B-123 4-6'	54	49	61

TestAmerica Chicago

Surrogate Summary

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		FBP (25-119)	NBZ (25-115)	TPH (36-134)
500-61811-22 - DL	B-123 4-6'	52	40	57
500-61811-23	B-123 8-10'	48	55	53
500-61811-23 - DL	B-123 8-10'	60	48	55
500-61811-24	B-123 13-15'	48	52	56
500-61811-25	B-124 0-3'	53	58	58
500-61811-26	B-124 4-6'	0 D	0 D	0 D
500-61811-27	B-124 8-10'	59	62	61
500-61811-27 - DL	B-124 8-10'	57	26	70
500-61811-28	B-124 13-15'	51	51	59
500-61811-28 - DL	B-124 13-15'	45	30	54
500-61811-29	B-124 18-20'	35	32	50
500-61811-30	B-125 0-2'	56	57	71
500-61811-31	B-125 4-6'	36	31	59
500-61811-32	B-125 8-10'	0 D	0 D	0 D
500-61811-33	B-125 13-15'	42	39	51
500-61811-34	B-125 18-20'	36	36	45
LCS 500-200842/2-A	Lab Control Sample	70	67	77
LCS 500-200911/2-A	Lab Control Sample	71	70	77
LCS 500-201106/2-A	Lab Control Sample	55	51	58
MB 500-200842/1-A	Method Blank	63	62	67
MB 500-200911/1-A	Method Blank	69	69	73
MB 500-201106/1-A	Method Blank	64	65	65

Surrogate Legend

FBP = 2-Fluorobiphenyl
 NBZ = Nitrobenzene-d5 (Surr)
 TPH = Terphenyl-d14 (Surr)

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		TCX1 (50-116)	DCB1 (48-142)
500-61811-1	B-118 0-2'	81	81
500-61811-1 MS	B-118 0-2'	79	80
500-61811-1 MSD	B-118 0-2'	84	83
500-61811-2	B-118 4-6'	68	84
500-61811-3	B-118 8-10'	69	79
500-61811-5	B-119 0-2'	79	76
500-61811-6	B-119 4-6'	64	83
500-61811-7	B-119 8-10'	59	63
500-61811-9	B-120 0-2'	58	81
500-61811-10	B-120 4-6'	73	76
500-61811-11	B-120 8-10'	60	85
500-61811-13	B-121 0-2'	64	82
500-61811-14	B-121 4-6'	59	73
500-61811-15	B-121 10-11'	62	81
500-61811-17	B-122 0-2'	70	76

TestAmerica Chicago

Surrogate Summary

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

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

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TCX1 (50-116)	DCB1 (48-142)
500-61811-18	B-122 4-6'	63	75
500-61811-19	B-122 8-10'	61	79
500-61811-21	B-123 0-2'	80	82
500-61811-22	B-123 4-6'	67	75
500-61811-23	B-123 8-10'	64	87
500-61811-25	B-124 0-3'	75	109
500-61811-26	B-124 4-6'	91	74
500-61811-27	B-124 8-10'	67	77
500-61811-30	B-125 0-2'	63	81
500-61811-31	B-125 4-6'	79	85
500-61811-32	B-125 8-10'	97	135
LCS 500-200838/2-A	Lab Control Sample	82	83
LCS 500-201121/2-A	Lab Control Sample	87	93
MB 500-200838/1-A	Method Blank	76	75
MB 500-201121/1-A	Method Blank	74	78

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCB = DCB Decachlorobiphenyl

QC Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

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

Lab Sample ID: LB3 500-199846/21-A LB3

Matrix: Solid

Analysis Batch: 200573

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 199846

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<17		100	17	ug/Kg		08/25/13 08:55	08/30/13 06:39	50
1,1,1-Trichloroethane	<10		50	10	ug/Kg		08/25/13 08:55	08/30/13 06:39	50
1,1,2,2-Tetrachloroethane	<12		50	12	ug/Kg		08/25/13 08:55	08/30/13 06:39	50
1,1,2-Trichloroethane	<14		50	14	ug/Kg		08/25/13 08:55	08/30/13 06:39	50
1,1-Dichloroethane	<9.3		50	9.3	ug/Kg		08/25/13 08:55	08/30/13 06:39	50
1,1-Dichloroethene	<15		50	15	ug/Kg		08/25/13 08:55	08/30/13 06:39	50
1,1-Dichloropropene	<17		50	17	ug/Kg		08/25/13 08:55	08/30/13 06:39	50
1,2,3-Trichlorobenzene	<18		100	18	ug/Kg		08/25/13 08:55	08/30/13 06:39	50
1,2,3-Trichloropropane	<29		100	29	ug/Kg		08/25/13 08:55	08/30/13 06:39	50
1,2,4-Trichlorobenzene	<19		100	19	ug/Kg		08/25/13 08:55	08/30/13 06:39	50
1,2,4-Trimethylbenzene	<11		100	11	ug/Kg		08/25/13 08:55	08/30/13 06:39	50
1,2-Dibromo-3-Chloropropane	<44		100	44	ug/Kg		08/25/13 08:55	08/30/13 06:39	50
1,2-Dibromoethane	<16		100	16	ug/Kg		08/25/13 08:55	08/30/13 06:39	50
1,2-Dichlorobenzene	<10		100	10	ug/Kg		08/25/13 08:55	08/30/13 06:39	50
1,2-Dichloroethane	<14		50	14	ug/Kg		08/25/13 08:55	08/30/13 06:39	50
1,2-Dichloropropane	<9.8		50	9.8	ug/Kg		08/25/13 08:55	08/30/13 06:39	50
1,3,5-Trimethylbenzene	<10		100	10	ug/Kg		08/25/13 08:55	08/30/13 06:39	50
1,3-Dichlorobenzene	<13		100	13	ug/Kg		08/25/13 08:55	08/30/13 06:39	50
1,3-Dichloropropane	<6.7		50	6.7	ug/Kg		08/25/13 08:55	08/30/13 06:39	50
1,4-Dichlorobenzene	<8.7		100	8.7	ug/Kg		08/25/13 08:55	08/30/13 06:39	50
2,2-Dichloropropane	<16		50	16	ug/Kg		08/25/13 08:55	08/30/13 06:39	50
2-Chlorotoluene	<10		50	10	ug/Kg		08/25/13 08:55	08/30/13 06:39	50
4-Chlorotoluene	<9.9		50	9.9	ug/Kg		08/25/13 08:55	08/30/13 06:39	50
Benzene	<3.7		13	3.7	ug/Kg		08/25/13 08:55	08/30/13 06:39	50
Bromobenzene	<21		100	21	ug/Kg		08/25/13 08:55	08/30/13 06:39	50
Bromochloromethane	<19		100	19	ug/Kg		08/25/13 08:55	08/30/13 06:39	50
Bromodichloromethane	<17		100	17	ug/Kg		08/25/13 08:55	08/30/13 06:39	50
Bromoform	<22		100	22	ug/Kg		08/25/13 08:55	08/30/13 06:39	50
Bromomethane	<34		100	34	ug/Kg		08/25/13 08:55	08/30/13 06:39	50
Carbon tetrachloride	<13		50	13	ug/Kg		08/25/13 08:55	08/30/13 06:39	50
Chlorobenzene	<7.2		50	7.2	ug/Kg		08/25/13 08:55	08/30/13 06:39	50
Chloroethane	<22		100	22	ug/Kg		08/25/13 08:55	08/30/13 06:39	50
Chloroform	<10		50	10	ug/Kg		08/25/13 08:55	08/30/13 06:39	50
Chloromethane	<23		100	23	ug/Kg		08/25/13 08:55	08/30/13 06:39	50
cis-1,2-Dichloroethene	<6.2		50	6.2	ug/Kg		08/25/13 08:55	08/30/13 06:39	50
cis-1,3-Dichloropropene	<8.9		50	8.9	ug/Kg		08/25/13 08:55	08/30/13 06:39	50
Dibromochloromethane	<17		100	17	ug/Kg		08/25/13 08:55	08/30/13 06:39	50
Dibromomethane	<24		100	24	ug/Kg		08/25/13 08:55	08/30/13 06:39	50
Dichlorodifluoromethane	<26		100	26	ug/Kg		08/25/13 08:55	08/30/13 06:39	50
Ethylbenzene	<6.3		13	6.3	ug/Kg		08/25/13 08:55	08/30/13 06:39	50
Hexachlorobutadiene	<17		100	17	ug/Kg		08/25/13 08:55	08/30/13 06:39	50
Isopropyl ether	<7.4		100	7.4	ug/Kg		08/25/13 08:55	08/30/13 06:39	50
Isopropylbenzene	<13		100	13	ug/Kg		08/25/13 08:55	08/30/13 06:39	50
Methyl tert-butyl ether	<22		100	22	ug/Kg		08/25/13 08:55	08/30/13 06:39	50
Methylene Chloride	<34		250	34	ug/Kg		08/25/13 08:55	08/30/13 06:39	50
Naphthalene	<25		100	25	ug/Kg		08/25/13 08:55	08/30/13 06:39	50
n-Butylbenzene	<6.5		50	6.5	ug/Kg		08/25/13 08:55	08/30/13 06:39	50
N-Propylbenzene	<8.8		100	8.8	ug/Kg		08/25/13 08:55	08/30/13 06:39	50

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

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

Lab Sample ID: LB3 500-199846/21-A LB3

Matrix: Solid

Analysis Batch: 200573

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 199846

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
p-Isopropyltoluene	<9.3		100	9.3	ug/Kg		08/25/13 08:55	08/30/13 06:39	50
sec-Butylbenzene	<7.7		50	7.7	ug/Kg		08/25/13 08:55	08/30/13 06:39	50
Styrene	<4.9		50	4.9	ug/Kg		08/25/13 08:55	08/30/13 06:39	50
tert-Butylbenzene	<6.8		50	6.8	ug/Kg		08/25/13 08:55	08/30/13 06:39	50
Tetrachloroethene	<8.4		50	8.4	ug/Kg		08/25/13 08:55	08/30/13 06:39	50
Toluene	<5.8		13	5.8	ug/Kg		08/25/13 08:55	08/30/13 06:39	50
trans-1,2-Dichloroethene	<13		50	13	ug/Kg		08/25/13 08:55	08/30/13 06:39	50
trans-1,3-Dichloropropene	<10		50	10	ug/Kg		08/25/13 08:55	08/30/13 06:39	50
Trichloroethene	<9.3		25	9.3	ug/Kg		08/25/13 08:55	08/30/13 06:39	50
Trichlorofluoromethane	<21		100	21	ug/Kg		08/25/13 08:55	08/30/13 06:39	50
Vinyl chloride	<5.2		13	5.2	ug/Kg		08/25/13 08:55	08/30/13 06:39	50
Xylenes, Total	<3.4		25	3.4	ug/Kg		08/25/13 08:55	08/30/13 06:39	50

Surrogate	LB3 %Recovery	LB3 Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94		75 - 125	08/25/13 08:55	08/30/13 06:39	50
4-Bromofluorobenzene (Surr)	95		75 - 120	08/25/13 08:55	08/30/13 06:39	50
Dibromofluoromethane	83		75 - 120	08/25/13 08:55	08/30/13 06:39	50
Toluene-d8 (Surr)	96		75 - 120	08/25/13 08:55	08/30/13 06:39	50

Lab Sample ID: LCS 500-199846/22-A

Matrix: Solid

Analysis Batch: 200573

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 199846

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	2500	2130		ug/Kg		85	75 - 120
1,1,1-Trichloroethane	2500	2150		ug/Kg		86	70 - 123
1,1,2,2-Tetrachloroethane	2500	2620		ug/Kg		105	70 - 128
1,1,2-Trichloroethane	2500	2390		ug/Kg		95	69 - 120
1,1-Dichloroethane	2500	2350		ug/Kg		94	68 - 121
1,1-Dichloroethene	2500	2250		ug/Kg		90	58 - 122
1,1-Dichloropropene	2500	2280		ug/Kg		91	70 - 120
1,2,3-Trichlorobenzene	2500	2570		ug/Kg		103	56 - 137
1,2,3-Trichloropropane	2500	2270		ug/Kg		91	70 - 120
1,2,4-Trichlorobenzene	2500	2290		ug/Kg		92	65 - 121
1,2,4-Trimethylbenzene	2500	2290		ug/Kg		91	75 - 121
1,2-Dibromo-3-Chloropropane	2500	1870		ug/Kg		75	60 - 121
1,2-Dibromoethane	2500	2560		ug/Kg		102	70 - 120
1,2-Dichlorobenzene	2500	2460		ug/Kg		99	75 - 120
1,2-Dichloroethane	2500	2330		ug/Kg		93	69 - 120
1,2-Dichloropropane	2500	2320		ug/Kg		93	70 - 120
1,3,5-Trimethylbenzene	2500	2310		ug/Kg		93	75 - 123
1,3-Dichlorobenzene	2500	2350		ug/Kg		94	70 - 120
1,3-Dichloropropane	2500	2510		ug/Kg		101	70 - 120
1,4-Dichlorobenzene	2500	2350		ug/Kg		94	75 - 120
2,2-Dichloropropane	2500	1900		ug/Kg		76	67 - 125
2-Chlorotoluene	2500	2350		ug/Kg		94	70 - 120
4-Chlorotoluene	2500	2350		ug/Kg		94	70 - 120
Benzene	2500	2360		ug/Kg		95	70 - 120

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

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

Lab Sample ID: LCS 500-199846/22-A

Matrix: Solid

Analysis Batch: 200573

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 199846

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromobenzene	2500	2510		ug/Kg		101	70 - 120
Bromochloromethane	2500	2380		ug/Kg		95	67 - 122
Bromodichloromethane	2500	2130		ug/Kg		85	70 - 120
Bromoform	2500	1880		ug/Kg		75	70 - 125
Bromomethane	2500	1880		ug/Kg		75	50 - 150
Carbon tetrachloride	2500	2060		ug/Kg		82	70 - 125
Chlorobenzene	2500	2330		ug/Kg		93	70 - 120
Chloroethane	2500	1760		ug/Kg		70	50 - 150
Chloroform	2500	2380		ug/Kg		95	70 - 120
Chloromethane	2500	1850		ug/Kg		74	50 - 134
cis-1,2-Dichloroethene	2500	2330		ug/Kg		93	70 - 120
cis-1,3-Dichloropropene	2500	2050		ug/Kg		82	70 - 120
Dibromochloromethane	2500	2060		ug/Kg		82	70 - 120
Dibromomethane	2500	2390		ug/Kg		96	70 - 120
Dichlorodifluoromethane	2500	1070		ug/Kg		43	40 - 140
Ethylbenzene	2500	2260		ug/Kg		90	75 - 120
Hexachlorobutadiene	2500	1990		ug/Kg		80	65 - 135
Isopropylbenzene	2500	2350		ug/Kg		94	70 - 120
Methyl tert-butyl ether	2500	2330		ug/Kg		93	58 - 122
Methylene Chloride	2500	2450		ug/Kg		98	65 - 125
Naphthalene	2500	2840		ug/Kg		113	55 - 132
n-Butylbenzene	2500	2190		ug/Kg		88	75 - 120
N-Propylbenzene	2500	2410		ug/Kg		96	70 - 120
p-Isopropyltoluene	2500	2240		ug/Kg		90	70 - 120
sec-Butylbenzene	2500	2280		ug/Kg		91	70 - 120
Styrene	2500	2240		ug/Kg		90	75 - 120
tert-Butylbenzene	2500	2280		ug/Kg		91	70 - 120
Tetrachloroethene	2500	2150		ug/Kg		86	70 - 123
Toluene	2500	2230		ug/Kg		89	70 - 120
trans-1,2-Dichloroethene	2500	2360		ug/Kg		95	70 - 124
trans-1,3-Dichloropropene	2500	2070		ug/Kg		83	70 - 120
Trichloroethene	2500	2330		ug/Kg		93	70 - 120
Trichlorofluoromethane	2500	2040		ug/Kg		82	63 - 134
Vinyl chloride	2500	1830		ug/Kg		73	62 - 138
Xylenes, Total	5000	4420		ug/Kg		88	70 - 120

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	96		75 - 125
4-Bromofluorobenzene (Surr)	95		75 - 120
Dibromofluoromethane	95		75 - 120
Toluene-d8 (Surr)	89		75 - 120

Lab Sample ID: LB3 500-199847/19-A LB3

Matrix: Solid

Analysis Batch: 200695

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 199847

Analyte	LB3 LB3		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1,2-Tetrachloroethane	<17		100	17	ug/Kg		08/25/13 08:55	08/30/13 15:04	50

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

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

Lab Sample ID: LB3 500-199847/19-A LB3

Matrix: Solid

Analysis Batch: 200695

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 199847

Analyte	LB3	LB3	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1-Trichloroethane	<10		50	10	ug/Kg		08/25/13 08:55	08/30/13 15:04	50
1,1,1,2,2-Tetrachloroethane	<12		50	12	ug/Kg		08/25/13 08:55	08/30/13 15:04	50
1,1,2-Trichloroethane	<14		50	14	ug/Kg		08/25/13 08:55	08/30/13 15:04	50
1,1-Dichloroethane	<9.3		50	9.3	ug/Kg		08/25/13 08:55	08/30/13 15:04	50
1,1-Dichloroethene	<15		50	15	ug/Kg		08/25/13 08:55	08/30/13 15:04	50
1,1-Dichloropropene	<17		50	17	ug/Kg		08/25/13 08:55	08/30/13 15:04	50
1,2,3-Trichlorobenzene	<18		100	18	ug/Kg		08/25/13 08:55	08/30/13 15:04	50
1,2,3-Trichloropropane	<29		100	29	ug/Kg		08/25/13 08:55	08/30/13 15:04	50
1,2,4-Trichlorobenzene	<19		100	19	ug/Kg		08/25/13 08:55	08/30/13 15:04	50
1,2,4-Trimethylbenzene	<11		100	11	ug/Kg		08/25/13 08:55	08/30/13 15:04	50
1,2-Dibromo-3-Chloropropane	<44		100	44	ug/Kg		08/25/13 08:55	08/30/13 15:04	50
1,2-Dibromoethane	<16		100	16	ug/Kg		08/25/13 08:55	08/30/13 15:04	50
1,2-Dichlorobenzene	<10		100	10	ug/Kg		08/25/13 08:55	08/30/13 15:04	50
1,2-Dichloroethane	<14		50	14	ug/Kg		08/25/13 08:55	08/30/13 15:04	50
1,2-Dichloropropane	<9.8		50	9.8	ug/Kg		08/25/13 08:55	08/30/13 15:04	50
1,3,5-Trimethylbenzene	<10		100	10	ug/Kg		08/25/13 08:55	08/30/13 15:04	50
1,3-Dichlorobenzene	<13		100	13	ug/Kg		08/25/13 08:55	08/30/13 15:04	50
1,3-Dichloropropane	<6.7		50	6.7	ug/Kg		08/25/13 08:55	08/30/13 15:04	50
1,4-Dichlorobenzene	<8.7		100	8.7	ug/Kg		08/25/13 08:55	08/30/13 15:04	50
2,2-Dichloropropane	<16		50	16	ug/Kg		08/25/13 08:55	08/30/13 15:04	50
2-Chlorotoluene	<10		50	10	ug/Kg		08/25/13 08:55	08/30/13 15:04	50
4-Chlorotoluene	<9.9		50	9.9	ug/Kg		08/25/13 08:55	08/30/13 15:04	50
Benzene	<3.7		13	3.7	ug/Kg		08/25/13 08:55	08/30/13 15:04	50
Bromobenzene	<21		100	21	ug/Kg		08/25/13 08:55	08/30/13 15:04	50
Bromochloromethane	<19		100	19	ug/Kg		08/25/13 08:55	08/30/13 15:04	50
Bromodichloromethane	<17		100	17	ug/Kg		08/25/13 08:55	08/30/13 15:04	50
Bromoform	<22		100	22	ug/Kg		08/25/13 08:55	08/30/13 15:04	50
Bromomethane	<34		100	34	ug/Kg		08/25/13 08:55	08/30/13 15:04	50
Carbon tetrachloride	<13		50	13	ug/Kg		08/25/13 08:55	08/30/13 15:04	50
Chlorobenzene	<7.2		50	7.2	ug/Kg		08/25/13 08:55	08/30/13 15:04	50
Chloroethane	<22		100	22	ug/Kg		08/25/13 08:55	08/30/13 15:04	50
Chloroform	<10		50	10	ug/Kg		08/25/13 08:55	08/30/13 15:04	50
Chloromethane	<23		100	23	ug/Kg		08/25/13 08:55	08/30/13 15:04	50
cis-1,2-Dichloroethene	<6.2		50	6.2	ug/Kg		08/25/13 08:55	08/30/13 15:04	50
cis-1,3-Dichloropropene	<8.9		50	8.9	ug/Kg		08/25/13 08:55	08/30/13 15:04	50
Dibromochloromethane	<17		100	17	ug/Kg		08/25/13 08:55	08/30/13 15:04	50
Dibromomethane	<24		100	24	ug/Kg		08/25/13 08:55	08/30/13 15:04	50
Dichlorodifluoromethane	<26		100	26	ug/Kg		08/25/13 08:55	08/30/13 15:04	50
Ethylbenzene	<6.3		13	6.3	ug/Kg		08/25/13 08:55	08/30/13 15:04	50
Hexachlorobutadiene	<17		100	17	ug/Kg		08/25/13 08:55	08/30/13 15:04	50
Isopropyl ether	<7.4		100	7.4	ug/Kg		08/25/13 08:55	08/30/13 15:04	50
Isopropylbenzene	<13		100	13	ug/Kg		08/25/13 08:55	08/30/13 15:04	50
Methyl tert-butyl ether	<22		100	22	ug/Kg		08/25/13 08:55	08/30/13 15:04	50
Methylene Chloride	<34		250	34	ug/Kg		08/25/13 08:55	08/30/13 15:04	50
Naphthalene	<25		100	25	ug/Kg		08/25/13 08:55	08/30/13 15:04	50
n-Butylbenzene	<6.5		50	6.5	ug/Kg		08/25/13 08:55	08/30/13 15:04	50
N-Propylbenzene	<8.8		100	8.8	ug/Kg		08/25/13 08:55	08/30/13 15:04	50
p-Isopropyltoluene	<9.3		100	9.3	ug/Kg		08/25/13 08:55	08/30/13 15:04	50

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

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

Lab Sample ID: LB3 500-199847/19-A LB3

Matrix: Solid

Analysis Batch: 200695

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 199847

Analyte	LB3 LB3		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
sec-Butylbenzene	<7.7		50	7.7	ug/Kg		08/25/13 08:55	08/30/13 15:04	50
Styrene	<4.9		50	4.9	ug/Kg		08/25/13 08:55	08/30/13 15:04	50
tert-Butylbenzene	<6.8		50	6.8	ug/Kg		08/25/13 08:55	08/30/13 15:04	50
Tetrachloroethene	<8.4		50	8.4	ug/Kg		08/25/13 08:55	08/30/13 15:04	50
Toluene	<5.8		13	5.8	ug/Kg		08/25/13 08:55	08/30/13 15:04	50
trans-1,2-Dichloroethene	<13		50	13	ug/Kg		08/25/13 08:55	08/30/13 15:04	50
trans-1,3-Dichloropropene	<10		50	10	ug/Kg		08/25/13 08:55	08/30/13 15:04	50
Trichloroethene	<9.3		25	9.3	ug/Kg		08/25/13 08:55	08/30/13 15:04	50
Trichlorofluoromethane	<21		100	21	ug/Kg		08/25/13 08:55	08/30/13 15:04	50
Vinyl chloride	<5.2		13	5.2	ug/Kg		08/25/13 08:55	08/30/13 15:04	50
Xylenes, Total	<3.4		25	3.4	ug/Kg		08/25/13 08:55	08/30/13 15:04	50

Surrogate	LB3 LB3		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	99		75 - 125	08/25/13 08:55	08/30/13 15:04	50
4-Bromofluorobenzene (Surr)	93		75 - 120	08/25/13 08:55	08/30/13 15:04	50
Dibromofluoromethane	85		75 - 120	08/25/13 08:55	08/30/13 15:04	50
Toluene-d8 (Surr)	94		75 - 120	08/25/13 08:55	08/30/13 15:04	50

Lab Sample ID: LCS 500-199847/20-A

Matrix: Solid

Analysis Batch: 200695

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 199847

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	2500	1980		ug/Kg		79	70 - 123
1,1,1,2,2-Tetrachloroethane	2500	2910		ug/Kg		117	70 - 128
1,1,2-Trichloroethane	2500	2660		ug/Kg		106	69 - 120
1,1-Dichloroethane	2500	2220		ug/Kg		89	68 - 121
1,1-Dichloroethene	2500	2090		ug/Kg		83	58 - 122
1,1-Dichloropropene	2500	2270		ug/Kg		91	70 - 120
1,2,3-Trichlorobenzene	2500	3030		ug/Kg		121	56 - 137
1,2,3-Trichloropropene	2500	2560		ug/Kg		102	70 - 120
1,2,4-Trichlorobenzene	2500	2670		ug/Kg		107	65 - 121
1,2,4-Trimethylbenzene	2500	2320		ug/Kg		93	75 - 121
1,2-Dibromo-3-Chloropropane	2500	2220		ug/Kg		89	60 - 121
1,2-Dibromoethane	2500	2780		ug/Kg		111	70 - 120
1,2-Dichlorobenzene	2500	2520		ug/Kg		101	75 - 120
1,2-Dichloroethane	2500	2490		ug/Kg		99	69 - 120
1,2-Dichloropropane	2500	2360		ug/Kg		94	70 - 120
1,3,5-Trimethylbenzene	2500	2320		ug/Kg		93	75 - 123
1,3-Dichlorobenzene	2500	2420		ug/Kg		97	70 - 120
1,3-Dichloropropane	2500	2830		ug/Kg		113	70 - 120
1,4-Dichlorobenzene	2500	2430		ug/Kg		97	75 - 120
2,2-Dichloropropane	2500	1550 *		ug/Kg		62	67 - 125
2-Chlorotoluene	2500	2360		ug/Kg		94	70 - 120
4-Chlorotoluene	2500	2390		ug/Kg		96	70 - 120
Benzene	2500	2320		ug/Kg		93	70 - 120
Bromobenzene	2500	2590		ug/Kg		103	70 - 120

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

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

Lab Sample ID: LCS 500-199847/20-A
Matrix: Solid
Analysis Batch: 200695

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 199847

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromochloromethane	2500	2390		ug/Kg		96	67 - 122
Bromodichloromethane	2500	2240		ug/Kg		89	70 - 120
Bromoform	2500	2140		ug/Kg		86	70 - 125
Bromomethane	2500	1590		ug/Kg		64	50 - 150
Carbon tetrachloride	2500	1980		ug/Kg		79	70 - 125
Chlorobenzene	2500	2370		ug/Kg		95	70 - 120
Chloroethane	2500	1620		ug/Kg		65	50 - 150
Chloroform	2500	2270		ug/Kg		91	70 - 120
Chloromethane	2500	1700		ug/Kg		68	50 - 134
cis-1,2-Dichloroethene	2500	2180		ug/Kg		87	70 - 120
cis-1,3-Dichloropropene	2500	2340		ug/Kg		94	70 - 120
Dibromochloromethane	2500	2280		ug/Kg		91	70 - 120
Dibromomethane	2500	2610		ug/Kg		104	70 - 120
Dichlorodifluoromethane	2500	1000		ug/Kg		40	40 - 140
Ethylbenzene	2500	2270		ug/Kg		91	75 - 120
Hexachlorobutadiene	2500	2280		ug/Kg		91	65 - 135
Isopropylbenzene	2500	2340		ug/Kg		94	70 - 120
Methyl tert-butyl ether	2500	2410		ug/Kg		96	58 - 122
Methylene Chloride	2500	2260		ug/Kg		90	65 - 125
Naphthalene	2500	3270		ug/Kg		131	55 - 132
n-Butylbenzene	2500	2330		ug/Kg		93	75 - 120
N-Propylbenzene	2500	2410		ug/Kg		96	70 - 120
p-Isopropyltoluene	2500	2290		ug/Kg		92	70 - 120
sec-Butylbenzene	2500	2300		ug/Kg		92	70 - 120
Styrene	2500	2320		ug/Kg		93	75 - 120
tert-Butylbenzene	2500	2290		ug/Kg		91	70 - 120
Tetrachloroethene	2500	2310		ug/Kg		93	70 - 123
Toluene	2500	2330		ug/Kg		93	70 - 120
trans-1,2-Dichloroethene	2500	2160		ug/Kg		86	70 - 124
trans-1,3-Dichloropropene	2500	2320		ug/Kg		93	70 - 120
Trichloroethene	2500	2350		ug/Kg		94	70 - 120
Trichlorofluoromethane	2500	1730		ug/Kg		69	63 - 134
Vinyl chloride	2500	1610		ug/Kg		64	62 - 138
Xylenes, Total	5000	4500		ug/Kg		90	70 - 120

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	99		75 - 125
4-Bromofluorobenzene (Surr)	94		75 - 120
Dibromofluoromethane	94		75 - 120
Toluene-d8 (Surr)	93		75 - 120

Lab Sample ID: 500-61811-29 MS
Matrix: Solid
Analysis Batch: 200573

Client Sample ID: B-124 18-20'
Prep Type: Total/NA
Prep Batch: 199847

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	<23		3290	3220		ug/Kg	☼	98	75 - 120
1,1,1-Trichloroethane	<13		3290	2890		ug/Kg	☼	88	70 - 123

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QC Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

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

Lab Sample ID: 500-61811-29 MS

Matrix: Solid

Analysis Batch: 200573

Client Sample ID: B-124 18-20'

Prep Type: Total/NA

Prep Batch: 199847

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier	Added	Result	Qualifier				
1,1,2,2-Tetrachloroethane	<15		3290	3980		ug/Kg	*	121	70 - 128
1,1,2-Trichloroethane	<18		3290	3540		ug/Kg	*	108	69 - 120
1,1-Dichloroethane	<12		3290	3150		ug/Kg	*	95	68 - 121
1,1-Dichloroethene	<20		3290	2820		ug/Kg	*	86	58 - 122
1,1-Dichloropropene	<23		3290	3160		ug/Kg	*	96	70 - 120
1,2,3-Trichlorobenzene	<23		3290	4030		ug/Kg	*	122	56 - 137
1,2,3-Trichloropropane	<38		3290	3420		ug/Kg	*	104	70 - 120
1,2,4-Trichlorobenzene	<25		3290	3530		ug/Kg	*	107	65 - 121
1,2,4-Trimethylbenzene	<14		3290	3320		ug/Kg	*	101	75 - 121
1,2-Dibromo-3-Chloropropane	<57		3290	2910		ug/Kg	*	88	60 - 121
1,2-Dibromoethane	<21		3290	3690		ug/Kg	*	112	70 - 120
1,2-Dichlorobenzene	<14		3290	3660		ug/Kg	*	111	75 - 120
1,2-Dichloroethane	<19		3290	3200		ug/Kg	*	97	69 - 120
1,2-Dichloropropane	<13		3290	3270		ug/Kg	*	99	70 - 120
1,3,5-Trimethylbenzene	<14		3290	3390		ug/Kg	*	103	75 - 123
1,3-Dichlorobenzene	<17		3290	3470		ug/Kg	*	105	70 - 120
1,3-Dichloropropane	<8.8		3290	3710		ug/Kg	*	112	70 - 120
1,4-Dichlorobenzene	<11		3290	3420		ug/Kg	*	104	75 - 120
2,2-Dichloropropane	<21 *		3290	2510		ug/Kg	*	76	67 - 125
2-Chlorotoluene	<14		3290	3420		ug/Kg	*	104	70 - 120
4-Chlorotoluene	<13		3290	3420		ug/Kg	*	104	70 - 120
Benzene	<4.9		3290	3260		ug/Kg	*	99	70 - 120
Bromobenzene	<28		3290	3630		ug/Kg	*	110	70 - 120
Bromochloromethane	<25		3290	3260		ug/Kg	*	99	67 - 122
Bromodichloromethane	<22		3290	3080		ug/Kg	*	93	70 - 120
Bromoform	<29		3290	2900		ug/Kg	*	88	70 - 125
Bromomethane	<45		3290	3060		ug/Kg	*	93	50 - 150
Carbon tetrachloride	<17		3290	2850		ug/Kg	*	87	70 - 125
Chlorobenzene	<9.4		3290	3440		ug/Kg	*	104	70 - 120
Chloroethane	<29		3290	2890		ug/Kg	*	88	50 - 150
Chloroform	<14		3290	3310		ug/Kg	*	100	70 - 120
Chloromethane	<30		3290	3350		ug/Kg	*	102	50 - 134
cis-1,2-Dichloroethene	<8.1		3290	3130		ug/Kg	*	95	70 - 120
cis-1,3-Dichloropropene	<12		3290	3110		ug/Kg	*	95	70 - 120
Dibromochloromethane	<23		3290	3200		ug/Kg	*	97	70 - 120
Dibromomethane	<32		3290	3310		ug/Kg	*	101	70 - 120
Dichlorodifluoromethane	<34		3290	2970		ug/Kg	*	90	40 - 140
Ethylbenzene	<8.3		3290	3260		ug/Kg	*	99	75 - 120
Hexachlorobutadiene	<23		3290	3220		ug/Kg	*	98	65 - 135
Isopropylbenzene	<17		3290	3430		ug/Kg	*	104	70 - 120
Methyl tert-butyl ether	<28		3290	3100		ug/Kg	*	94	58 - 122
Methylene Chloride	<45		3290	3200		ug/Kg	*	97	65 - 125
Naphthalene	<33		3290	4430	F	ug/Kg	*	134	55 - 132
n-Butylbenzene	<8.5		3290	3290		ug/Kg	*	100	75 - 120
N-Propylbenzene	<12		3290	3440		ug/Kg	*	104	70 - 120
p-Isopropyltoluene	<12		3290	3360		ug/Kg	*	102	70 - 120
sec-Butylbenzene	<10		3290	3390		ug/Kg	*	103	70 - 120
Styrene	<6.5		3290	3310		ug/Kg	*	100	75 - 120

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

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

Lab Sample ID: 500-61811-29 MS

Matrix: Solid

Analysis Batch: 200573

Client Sample ID: B-124 18-20'

Prep Type: Total/NA

Prep Batch: 199847

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier	Added	Result	Qualifier				
tert-Butylbenzene	<9.0		3290	3430		ug/Kg	☼	104	70 - 120
Tetrachloroethene	<11		3290	3170		ug/Kg	☼	96	70 - 123
Toluene	<7.6		3290	3250		ug/Kg	☼	99	70 - 120
trans-1,2-Dichloroethene	<16		3290	3090		ug/Kg	☼	94	70 - 124
trans-1,3-Dichloropropene	<14		3290	3020		ug/Kg	☼	92	70 - 120
Trichloroethene	<12		3290	3320		ug/Kg	☼	101	70 - 120
Trichlorofluoromethane	<27		3290	3060		ug/Kg	☼	93	63 - 134
Vinyl chloride	<6.9		3290	3100		ug/Kg	☼	94	62 - 138
Xylenes, Total	<4.5		6590	6510		ug/Kg	☼	99	70 - 120

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	95		75 - 125
4-Bromofluorobenzene (Surr)	94		75 - 120
Dibromofluoromethane	93		75 - 120
Toluene-d8 (Surr)	94		75 - 120

Lab Sample ID: 500-61811-29 MSD

Matrix: Solid

Analysis Batch: 200573

Client Sample ID: B-124 18-20'

Prep Type: Total/NA

Prep Batch: 199847

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec. Limits	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier					RPD	Limit
1,1,1,2-Tetrachloroethane	<23		3290	3100		ug/Kg	☼	94	75 - 120	4	30
1,1,1-Trichloroethane	<13		3290	2820		ug/Kg	☼	85	70 - 123	3	30
1,1,1,2,2-Tetrachloroethane	<15		3290	3850		ug/Kg	☼	117	70 - 128	3	30
1,1,2-Trichloroethane	<18		3290	3380		ug/Kg	☼	103	69 - 120	5	30
1,1-Dichloroethane	<12		3290	3060		ug/Kg	☼	93	68 - 121	3	30
1,1-Dichloroethene	<20		3290	2780		ug/Kg	☼	84	58 - 122	2	30
1,1-Dichloropropene	<23		3290	3090		ug/Kg	☼	94	70 - 120	2	30
1,2,3-Trichlorobenzene	<23		3290	4010		ug/Kg	☼	122	56 - 137	1	30
1,2,3-Trichloropropane	<38		3290	3230		ug/Kg	☼	98	70 - 120	6	30
1,2,4-Trichlorobenzene	<25		3290	3440		ug/Kg	☼	104	65 - 121	3	30
1,2,4-Trimethylbenzene	<14		3290	3220		ug/Kg	☼	98	75 - 121	3	30
1,2-Dibromo-3-Chloropropane	<57		3290	2800		ug/Kg	☼	85	60 - 121	4	30
1,2-Dibromoethane	<21		3290	3500		ug/Kg	☼	106	70 - 120	5	30
1,2-Dichlorobenzene	<14		3290	3530		ug/Kg	☼	107	75 - 120	4	30
1,2-Dichloroethane	<19		3290	3170		ug/Kg	☼	96	69 - 120	1	30
1,2-Dichloropropane	<13		3290	3100		ug/Kg	☼	94	70 - 120	6	30
1,3,5-Trimethylbenzene	<14		3290	3230		ug/Kg	☼	98	75 - 123	5	30
1,3-Dichlorobenzene	<17		3290	3310		ug/Kg	☼	101	70 - 120	5	30
1,3-Dichloropropane	<8.8		3290	3440		ug/Kg	☼	105	70 - 120	7	30
1,4-Dichlorobenzene	<11		3290	3280		ug/Kg	☼	100	75 - 120	4	30
2,2-Dichloropropane	<21 *		3290	2390		ug/Kg	☼	73	67 - 125	5	30
2-Chlorotoluene	<14		3290	3270		ug/Kg	☼	99	70 - 120	5	30
4-Chlorotoluene	<13		3290	3240		ug/Kg	☼	98	70 - 120	5	30
Benzene	<4.9		3290	3150		ug/Kg	☼	96	70 - 120	3	30
Bromobenzene	<28		3290	3520		ug/Kg	☼	107	70 - 120	3	30
Bromochloromethane	<25		3290	3150		ug/Kg	☼	95	67 - 122	3	30
Bromodichloromethane	<22		3290	2960		ug/Kg	☼	90	70 - 120	4	30

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

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

Lab Sample ID: 500-61811-29 MSD

Matrix: Solid

Analysis Batch: 200573

Client Sample ID: B-124 18-20'

Prep Type: Total/NA

Prep Batch: 199847

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Bromoform	<29		3290	2820		ug/Kg	*	86	70 - 125	3	30
Bromomethane	<45		3290	3100		ug/Kg	*	94	50 - 150	1	30
Carbon tetrachloride	<17		3290	2730		ug/Kg	*	83	70 - 125	4	30
Chlorobenzene	<9.4		3290	3210		ug/Kg	*	97	70 - 120	7	30
Chloroethane	<29		3290	2810		ug/Kg	*	85	50 - 150	3	30
Chloroform	<14		3290	3150		ug/Kg	*	96	70 - 120	5	30
Chloromethane	<30		3290	3380		ug/Kg	*	103	50 - 134	1	30
cis-1,2-Dichloroethene	<8.1		3290	3020		ug/Kg	*	92	70 - 120	4	30
cis-1,3-Dichloropropene	<12		3290	3000		ug/Kg	*	91	70 - 120	4	30
Dibromochloromethane	<23		3290	3010		ug/Kg	*	91	70 - 120	6	30
Dibromomethane	<32		3290	3180		ug/Kg	*	96	70 - 120	4	30
Dichlorodifluoromethane	<34		3290	2990		ug/Kg	*	91	40 - 140	1	30
Ethylbenzene	<8.3		3290	3070		ug/Kg	*	93	75 - 120	6	30
Hexachlorobutadiene	<23		3290	3260		ug/Kg	*	99	65 - 135	1	30
Isopropylbenzene	<17		3290	3250		ug/Kg	*	99	70 - 120	5	30
Methyl tert-butyl ether	<28		3290	3050		ug/Kg	*	92	58 - 122	2	30
Methylene Chloride	<45		3290	3130		ug/Kg	*	95	65 - 125	2	30
Naphthalene	<33		3290	4260		ug/Kg	*	129	55 - 132	4	30
n-Butylbenzene	<8.5		3290	3190		ug/Kg	*	97	75 - 120	3	30
N-Propylbenzene	<12		3290	3270		ug/Kg	*	99	70 - 120	5	30
p-Isopropyltoluene	<12		3290	3230		ug/Kg	*	98	70 - 120	4	30
sec-Butylbenzene	<10		3290	3240		ug/Kg	*	98	70 - 120	5	30
Styrene	<6.5		3290	3110		ug/Kg	*	94	75 - 120	6	30
tert-Butylbenzene	<9.0		3290	3270		ug/Kg	*	99	70 - 120	5	30
Tetrachloroethene	<11		3290	3050		ug/Kg	*	93	70 - 123	4	30
Toluene	<7.6		3290	3120		ug/Kg	*	95	70 - 120	4	30
trans-1,2-Dichloroethene	<16		3290	2980		ug/Kg	*	90	70 - 124	4	30
trans-1,3-Dichloropropene	<14		3290	2860		ug/Kg	*	87	70 - 120	5	30
Trichloroethene	<12		3290	3170		ug/Kg	*	96	70 - 120	5	30
Trichlorofluoromethane	<27		3290	3080		ug/Kg	*	94	63 - 134	1	30
Vinyl chloride	<6.9		3290	3080		ug/Kg	*	94	62 - 138	1	30
Xylenes, Total	<4.5		6590	6150		ug/Kg	*	93	70 - 120	6	30

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	95		75 - 125
4-Bromofluorobenzene (Surr)	92		75 - 120
Dibromofluoromethane	94		75 - 120
Toluene-d8 (Surr)	94		75 - 120

Lab Sample ID: 500-61811-13 MS

Matrix: Solid

Analysis Batch: 200518

Client Sample ID: B-121 0-2'

Prep Type: Total/NA

Prep Batch: 199886

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
1,1,1,2-Tetrachloroethane	<23		3290	3090		ug/Kg	*	94	75 - 120		
1,1,1-Trichloroethane	<13		3290	2930		ug/Kg	*	89	70 - 123		
1,1,1,2,2-Tetrachloroethane	<15		3290	4150		ug/Kg	*	126	70 - 128		
1,1,1,2-Trichloroethane	<18		3290	3710		ug/Kg	*	113	69 - 120		

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

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

Lab Sample ID: 500-61811-13 MS

Matrix: Solid

Analysis Batch: 200518

Client Sample ID: B-121 0-2'

Prep Type: Total/NA

Prep Batch: 199886

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier	Added	Result	Qualifier				
1,1-Dichloroethane	<12		3290	3260		ug/Kg	*	99	68 - 121
1,1-Dichloroethene	<20		3290	3030		ug/Kg	*	92	58 - 122
1,1-Dichloropropene	<23		3290	3210		ug/Kg	*	98	70 - 120
1,2,3-Trichlorobenzene	<23		3290	4220		ug/Kg	*	128	56 - 137
1,2,3-Trichloropropane	<38		3290	3610		ug/Kg	*	110	70 - 120
1,2,4-Trichlorobenzene	<25		3290	3580		ug/Kg	*	109	65 - 121
1,2,4-Trimethylbenzene	<14		3290	3390		ug/Kg	*	103	75 - 121
1,2-Dibromo-3-Chloropropane	<57		3290	3470		ug/Kg	*	105	60 - 121
1,2-Dibromoethane	<21		3290	3800		ug/Kg	*	116	70 - 120
1,2-Dichlorobenzene	<13		3290	3800		ug/Kg	*	115	75 - 120
1,2-Dichloroethane	<19		3290	3350		ug/Kg	*	102	69 - 120
1,2-Dichloropropane	<13		3290	3290		ug/Kg	*	100	70 - 120
1,3,5-Trimethylbenzene	<14		3290	3380		ug/Kg	*	103	75 - 123
1,3-Dichlorobenzene	<17		3290	3460		ug/Kg	*	105	70 - 120
1,3-Dichloropropane	<8.8		3290	3870		ug/Kg	*	118	70 - 120
1,4-Dichlorobenzene	<11		3290	3580		ug/Kg	*	109	75 - 120
2,2-Dichloropropane	<21		3290	2560		ug/Kg	*	78	67 - 125
2-Chlorotoluene	<14		3290	3470		ug/Kg	*	106	70 - 120
4-Chlorotoluene	<13		3290	3440		ug/Kg	*	104	70 - 120
Benzene	<4.9		3290	3360		ug/Kg	*	102	70 - 120
Bromobenzene	<28		3290	3830		ug/Kg	*	117	70 - 120
Bromochloromethane	<25		3290	3410		ug/Kg	*	104	67 - 122
Bromodichloromethane	<22		3290	3130		ug/Kg	*	95	70 - 120
Bromoform	<29		3290	3040		ug/Kg	*	92	70 - 125
Bromomethane	<45		3290	2990		ug/Kg	*	91	50 - 150
Carbon tetrachloride	<17		3290	2890		ug/Kg	*	88	70 - 125
Chlorobenzene	<9.4		3290	3390		ug/Kg	*	103	70 - 120
Chloroethane	<29		3290	2750		ug/Kg	*	84	50 - 150
Chloroform	<13		3290	3430		ug/Kg	*	104	70 - 120
Chloromethane	<30		3290	3470		ug/Kg	*	105	50 - 134
cis-1,2-Dichloroethene	<8.1		3290	3270		ug/Kg	*	99	70 - 120
cis-1,3-Dichloropropene	<12		3290	3040		ug/Kg	*	93	70 - 120
Dibromochloromethane	<23		3290	3210		ug/Kg	*	98	70 - 120
Dibromomethane	<32		3290	3470		ug/Kg	*	106	70 - 120
Dichlorodifluoromethane	<34		3290	2990		ug/Kg	*	91	40 - 140
Ethylbenzene	<8.3		3290	3240		ug/Kg	*	99	75 - 120
Hexachlorobutadiene	<23		3290	3250		ug/Kg	*	99	65 - 135
Isopropylbenzene	<17		3290	3450		ug/Kg	*	105	70 - 120
Methyl tert-butyl ether	<28		3290	3440		ug/Kg	*	105	58 - 122
Methylene Chloride	<45		3290	3460		ug/Kg	*	105	65 - 125
Naphthalene	<32		3290	4670	F	ug/Kg	*	142	55 - 132
n-Butylbenzene	<8.5		3290	3240		ug/Kg	*	99	75 - 120
N-Propylbenzene	<12		3290	3510		ug/Kg	*	107	70 - 120
p-Isopropyltoluene	<12		3290	3340		ug/Kg	*	101	70 - 120
sec-Butylbenzene	<10		3290	3360		ug/Kg	*	102	70 - 120
Styrene	<6.5		3290	3310		ug/Kg	*	101	75 - 120
tert-Butylbenzene	<8.9		3290	3380		ug/Kg	*	103	70 - 120
Tetrachloroethene	<11		3290	3120		ug/Kg	*	95	70 - 123

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

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

Lab Sample ID: 500-61811-13 MS

Matrix: Solid

Analysis Batch: 200518

Client Sample ID: B-121 0-2'

Prep Type: Total/NA

Prep Batch: 199886

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.	Limits
	Result	Qualifier	Added	Result	Qualifier					
Toluene	<7.6		3290	3190		ug/Kg	☼	97		70 - 120
trans-1,2-Dichloroethene	<16		3290	3250		ug/Kg	☼	99		70 - 124
trans-1,3-Dichloropropene	<14		3290	3070		ug/Kg	☼	93		70 - 120
Trichloroethene	<12		3290	3420		ug/Kg	☼	104		70 - 120
Trichlorofluoromethane	<27		3290	3080		ug/Kg	☼	94		63 - 134
Vinyl chloride	<6.8		3290	3230		ug/Kg	☼	98		62 - 138
Xylenes, Total	<4.5		6580	6330		ug/Kg	☼	96		70 - 120
MS MS										
Surrogate	%Recovery	Qualifier	Limits							
1,2-Dichloroethane-d4 (Surr)	96		75 - 125							
4-Bromofluorobenzene (Surr)	92		75 - 120							
Dibromofluoromethane	94		75 - 120							
Toluene-d8 (Surr)	89		75 - 120							

Lab Sample ID: 500-61811-13 MSD

Matrix: Solid

Analysis Batch: 200518

Client Sample ID: B-121 0-2'

Prep Type: Total/NA

Prep Batch: 199886

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	Limits	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier						RPD	Limit
1,1,1,2-Tetrachloroethane	<23		3290	3090		ug/Kg	☼	94		75 - 120	0	30
1,1,1-Trichloroethane	<13		3290	2910		ug/Kg	☼	89		70 - 123	1	30
1,1,1,2-Tetrachloroethane	<15		3290	4300	F	ug/Kg	☼	131		70 - 128	4	30
1,1,2-Trichloroethane	<18		3290	3650		ug/Kg	☼	111		69 - 120	2	30
1,1-Dichloroethane	<12		3290	3190		ug/Kg	☼	97		68 - 121	2	30
1,1-Dichloroethene	<20		3290	3050		ug/Kg	☼	93		58 - 122	1	30
1,1-Dichloropropene	<23		3290	3170		ug/Kg	☼	96		70 - 120	1	30
1,2,3-Trichlorobenzene	<23		3290	4320		ug/Kg	☼	131		56 - 137	3	30
1,2,3-Trichloropropane	<38		3290	3720		ug/Kg	☼	113		70 - 120	3	30
1,2,4-Trichlorobenzene	<25		3290	3650		ug/Kg	☼	111		65 - 121	2	30
1,2,4-Trimethylbenzene	<14		3290	3440		ug/Kg	☼	105		75 - 121	2	30
1,2-Dibromo-3-Chloropropane	<57		3290	3250		ug/Kg	☼	99		60 - 121	6	30
1,2-Dibromoethane	<21		3290	3860		ug/Kg	☼	117		70 - 120	2	30
1,2-Dichlorobenzene	<13		3290	3830		ug/Kg	☼	116		75 - 120	1	30
1,2-Dichloroethane	<19		3290	3340		ug/Kg	☼	102		69 - 120	0	30
1,2-Dichloropropane	<13		3290	3330		ug/Kg	☼	101		70 - 120	1	30
1,3,5-Trimethylbenzene	<14		3290	3480		ug/Kg	☼	106		75 - 123	3	30
1,3-Dichlorobenzene	<17		3290	3580		ug/Kg	☼	109		70 - 120	3	30
1,3-Dichloropropane	<8.8		3290	3740		ug/Kg	☼	114		70 - 120	3	30
1,4-Dichlorobenzene	<11		3290	3530		ug/Kg	☼	107		75 - 120	2	30
2,2-Dichloropropane	<21		3290	2490		ug/Kg	☼	76		67 - 125	3	30
2-Chlorotoluene	<14		3290	3580		ug/Kg	☼	109		70 - 120	3	30
4-Chlorotoluene	<13		3290	3500		ug/Kg	☼	106		70 - 120	2	30
Benzene	<4.9		3290	3330		ug/Kg	☼	101		70 - 120	1	30
Bromobenzene	<28		3290	3900		ug/Kg	☼	119		70 - 120	2	30
Bromochloromethane	<25		3290	3470		ug/Kg	☼	105		67 - 122	2	30
Bromodichloromethane	<22		3290	3140		ug/Kg	☼	95		70 - 120	0	30
Bromoform	<29		3290	3000		ug/Kg	☼	91		70 - 125	1	30
Bromomethane	<45		3290	3010		ug/Kg	☼	92		50 - 150	1	30

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

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

Lab Sample ID: 500-61811-13 MSD

Matrix: Solid

Analysis Batch: 200518

Client Sample ID: B-121 0-2'

Prep Type: Total/NA

Prep Batch: 199886

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Carbon tetrachloride	<17		3290	2910		ug/Kg	*	88	70 - 125	1	30
Chlorobenzene	<9.4		3290	3370		ug/Kg	*	102	70 - 120	1	30
Chloroethane	<29		3290	2880		ug/Kg	*	88	50 - 150	4	30
Chloroform	<13		3290	3380		ug/Kg	*	103	70 - 120	1	30
Chloromethane	<30		3290	3490		ug/Kg	*	106	50 - 134	1	30
cis-1,2-Dichloroethene	<8.1		3290	3260		ug/Kg	*	99	70 - 120	0	30
cis-1,3-Dichloropropene	<12		3290	3030		ug/Kg	*	92	70 - 120	1	30
Dibromochloromethane	<23		3290	3250		ug/Kg	*	99	70 - 120	1	30
Dibromomethane	<32		3290	3460		ug/Kg	*	105	70 - 120	0	30
Dichlorodifluoromethane	<34		3290	3080		ug/Kg	*	94	40 - 140	3	30
Ethylbenzene	<8.3		3290	3230		ug/Kg	*	98	75 - 120	0	30
Hexachlorobutadiene	<23		3290	3300		ug/Kg	*	100	65 - 135	2	30
Isopropylbenzene	<17		3290	3540		ug/Kg	*	108	70 - 120	3	30
Methyl tert-butyl ether	<28		3290	3370		ug/Kg	*	102	58 - 122	2	30
Methylene Chloride	<45		3290	3430		ug/Kg	*	104	65 - 125	1	30
Naphthalene	<32		3290	4700	F	ug/Kg	*	143	55 - 132	0	30
n-Butylbenzene	<8.5		3290	3270		ug/Kg	*	99	75 - 120	1	30
N-Propylbenzene	<12		3290	3540		ug/Kg	*	108	70 - 120	1	30
p-Isopropyltoluene	<12		3290	3400		ug/Kg	*	103	70 - 120	2	30
sec-Butylbenzene	<10		3290	3460		ug/Kg	*	105	70 - 120	3	30
Styrene	<6.5		3290	3230		ug/Kg	*	98	75 - 120	2	30
tert-Butylbenzene	<8.9		3290	3470		ug/Kg	*	106	70 - 120	3	30
Tetrachloroethene	<11		3290	3030		ug/Kg	*	92	70 - 123	3	30
Toluene	<7.6		3290	3150		ug/Kg	*	96	70 - 120	1	30
trans-1,2-Dichloroethene	<16		3290	3200		ug/Kg	*	97	70 - 124	2	30
trans-1,3-Dichloropropene	<14		3290	3080		ug/Kg	*	94	70 - 120	1	30
Trichloroethene	<12		3290	3310		ug/Kg	*	101	70 - 120	3	30
Trichlorofluoromethane	<27		3290	3190		ug/Kg	*	97	63 - 134	4	30
Vinyl chloride	<6.8		3290	3300		ug/Kg	*	100	62 - 138	2	30
Xylenes, Total	<4.5		6580	6310		ug/Kg	*	96	70 - 120	0	30

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	96		75 - 125
4-Bromofluorobenzene (Surr)	97		75 - 120
Dibromofluoromethane	96		75 - 120
Toluene-d8 (Surr)	90		75 - 120

Lab Sample ID: MB 500-200518/6

Matrix: Solid

Analysis Batch: 200518

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1,2-Tetrachloroethane	<0.35		2.0	0.35	ug/Kg			08/29/13 10:21	1
1,1,1-Trichloroethane	<0.20		1.0	0.20	ug/Kg			08/29/13 10:21	1
1,1,2,2-Tetrachloroethane	<0.23		1.0	0.23	ug/Kg			08/29/13 10:21	1
1,1,2-Trichloroethane	<0.28		1.0	0.28	ug/Kg			08/29/13 10:21	1
1,1-Dichloroethane	<0.19		1.0	0.19	ug/Kg			08/29/13 10:21	1
1,1-Dichloroethene	<0.31		1.0	0.31	ug/Kg			08/29/13 10:21	1

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

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

Lab Sample ID: MB 500-200518/6

Matrix: Solid

Analysis Batch: 200518

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1-Dichloropropene	<0.34		1.0	0.34	ug/Kg			08/29/13 10:21	1
1,2,3-Trichlorobenzene	<0.35		2.0	0.35	ug/Kg			08/29/13 10:21	1
1,2,3-Trichloropropane	<0.57		2.0	0.57	ug/Kg			08/29/13 10:21	1
1,2,4-Trichlorobenzene	<0.38		2.0	0.38	ug/Kg			08/29/13 10:21	1
1,2,4-Trimethylbenzene	<0.21		2.0	0.21	ug/Kg			08/29/13 10:21	1
1,2-Dibromo-3-Chloropropane	<0.87		2.0	0.87	ug/Kg			08/29/13 10:21	1
1,2-Dibromoethane	<0.31		2.0	0.31	ug/Kg			08/29/13 10:21	1
1,2-Dichlorobenzene	<0.21		2.0	0.21	ug/Kg			08/29/13 10:21	1
1,2-Dichloroethane	<0.29		1.0	0.29	ug/Kg			08/29/13 10:21	1
1,2-Dichloropropane	<0.20		1.0	0.20	ug/Kg			08/29/13 10:21	1
1,3,5-Trimethylbenzene	<0.21		2.0	0.21	ug/Kg			08/29/13 10:21	1
1,3-Dichlorobenzene	<0.26		2.0	0.26	ug/Kg			08/29/13 10:21	1
1,3-Dichloropropane	<0.13		1.0	0.13	ug/Kg			08/29/13 10:21	1
1,4-Dichlorobenzene	<0.17		2.0	0.17	ug/Kg			08/29/13 10:21	1
2,2-Dichloropropane	<0.32		1.0	0.32	ug/Kg			08/29/13 10:21	1
2-Chlorotoluene	<0.21		1.0	0.21	ug/Kg			08/29/13 10:21	1
4-Chlorotoluene	<0.20		1.0	0.20	ug/Kg			08/29/13 10:21	1
Benzene	<0.074		0.25	0.074	ug/Kg			08/29/13 10:21	1
Bromobenzene	<0.43		2.0	0.43	ug/Kg			08/29/13 10:21	1
Bromochloromethane	<0.38		2.0	0.38	ug/Kg			08/29/13 10:21	1
Bromodichloromethane	<0.34		2.0	0.34	ug/Kg			08/29/13 10:21	1
Bromoform	<0.44		2.0	0.44	ug/Kg			08/29/13 10:21	1
Bromomethane	<0.68		2.0	0.68	ug/Kg			08/29/13 10:21	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/Kg			08/29/13 10:21	1
Chlorobenzene	<0.14		1.0	0.14	ug/Kg			08/29/13 10:21	1
Chloroethane	<0.44		2.0	0.44	ug/Kg			08/29/13 10:21	1
Chloroform	<0.21		1.0	0.21	ug/Kg			08/29/13 10:21	1
Chloromethane	<0.46		2.0	0.46	ug/Kg			08/29/13 10:21	1
cis-1,2-Dichloroethene	<0.12		1.0	0.12	ug/Kg			08/29/13 10:21	1
cis-1,3-Dichloropropene	<0.18		1.0	0.18	ug/Kg			08/29/13 10:21	1
Dibromochloromethane	<0.35		2.0	0.35	ug/Kg			08/29/13 10:21	1
Dibromomethane	<0.48		2.0	0.48	ug/Kg			08/29/13 10:21	1
Dichlorodifluoromethane	<0.51		2.0	0.51	ug/Kg			08/29/13 10:21	1
Ethylbenzene	<0.13		0.25	0.13	ug/Kg			08/29/13 10:21	1
Hexachlorobutadiene	<0.35		2.0	0.35	ug/Kg			08/29/13 10:21	1
Isopropyl ether	<0.15		2.0	0.15	ug/Kg			08/29/13 10:21	1
Isopropylbenzene	<0.25		2.0	0.25	ug/Kg			08/29/13 10:21	1
Methyl tert-butyl ether	<0.43		2.0	0.43	ug/Kg			08/29/13 10:21	1
Methylene Chloride	<0.68		5.0	0.68	ug/Kg			08/29/13 10:21	1
Naphthalene	<0.49		2.0	0.49	ug/Kg			08/29/13 10:21	1
n-Butylbenzene	<0.13		1.0	0.13	ug/Kg			08/29/13 10:21	1
N-Propylbenzene	<0.18		2.0	0.18	ug/Kg			08/29/13 10:21	1
p-Isopropyltoluene	<0.19		2.0	0.19	ug/Kg			08/29/13 10:21	1
sec-Butylbenzene	<0.15		1.0	0.15	ug/Kg			08/29/13 10:21	1
Styrene	<0.099		1.0	0.099	ug/Kg			08/29/13 10:21	1
tert-Butylbenzene	<0.14		1.0	0.14	ug/Kg			08/29/13 10:21	1
Tetrachloroethene	<0.17		1.0	0.17	ug/Kg			08/29/13 10:21	1
Toluene	<0.12		0.25	0.12	ug/Kg			08/29/13 10:21	1

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

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

Lab Sample ID: MB 500-200518/6

Matrix: Solid

Analysis Batch: 200518

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	<0.25		1.0	0.25	ug/Kg			08/29/13 10:21	1
trans-1,3-Dichloropropene	<0.21		1.0	0.21	ug/Kg			08/29/13 10:21	1
Trichloroethene	<0.19		0.50	0.19	ug/Kg			08/29/13 10:21	1
Trichlorofluoromethane	<0.42		2.0	0.42	ug/Kg			08/29/13 10:21	1
Vinyl chloride	<0.10		0.25	0.10	ug/Kg			08/29/13 10:21	1
Xylenes, Total	<0.068		0.50	0.068	ug/Kg			08/29/13 10:21	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93		75 - 125		08/29/13 10:21	1
4-Bromofluorobenzene (Surr)	93		75 - 120		08/29/13 10:21	1
Dibromofluoromethane	86		75 - 120		08/29/13 10:21	1
Toluene-d8 (Surr)	94		75 - 120		08/29/13 10:21	1

Lab Sample ID: LCS 500-200518/4

Matrix: Solid

Analysis Batch: 200518

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	50.0	45.2		ug/Kg		90	75 - 120
1,1,1-Trichloroethane	50.0	42.6		ug/Kg		85	70 - 123
1,1,1,2,2-Tetrachloroethane	50.0	56.9		ug/Kg		114	70 - 128
1,1,2-Trichloroethane	50.0	50.0		ug/Kg		100	69 - 120
1,1-Dichloroethane	50.0	45.0		ug/Kg		90	68 - 121
1,1-Dichloroethene	50.0	43.5		ug/Kg		87	58 - 122
1,1-Dichloropropene	50.0	46.7		ug/Kg		93	70 - 120
1,2,3-Trichlorobenzene	50.0	59.3		ug/Kg		119	56 - 137
1,2,3-Trichloropropane	50.0	49.2		ug/Kg		98	70 - 120
1,2,4-Trichlorobenzene	50.0	55.8		ug/Kg		112	65 - 121
1,2,4-Trimethylbenzene	50.0	48.0		ug/Kg		96	75 - 121
1,2-Dibromo-3-Chloropropane	50.0	40.2		ug/Kg		80	60 - 121
1,2-Dibromoethane	50.0	52.3		ug/Kg		105	70 - 120
1,2-Dichlorobenzene	50.0	52.0		ug/Kg		104	75 - 120
1,2-Dichloroethane	50.0	45.0		ug/Kg		90	69 - 120
1,2-Dichloropropane	50.0	45.6		ug/Kg		91	70 - 120
1,3,5-Trimethylbenzene	50.0	48.0		ug/Kg		96	75 - 123
1,3-Dichlorobenzene	50.0	51.0		ug/Kg		102	70 - 120
1,3-Dichloropropane	50.0	51.3		ug/Kg		103	70 - 120
1,4-Dichlorobenzene	50.0	50.9		ug/Kg		102	75 - 120
2,2-Dichloropropane	50.0	39.2		ug/Kg		78	67 - 125
2-Chlorotoluene	50.0	48.8		ug/Kg		98	70 - 120
4-Chlorotoluene	50.0	49.3		ug/Kg		99	70 - 120
Benzene	50.0	46.9		ug/Kg		94	70 - 120
Bromobenzene	50.0	52.0		ug/Kg		104	70 - 120
Bromochloromethane	50.0	47.2		ug/Kg		94	67 - 122
Bromodichloromethane	50.0	43.9		ug/Kg		88	70 - 120
Bromoform	50.0	43.8		ug/Kg		88	70 - 125
Bromomethane	50.0	47.9		ug/Kg		96	50 - 150
Carbon tetrachloride	50.0	42.6		ug/Kg		85	70 - 125

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

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

Lab Sample ID: LCS 500-200518/4

Matrix: Solid

Analysis Batch: 200518

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chlorobenzene	50.0	49.1		ug/Kg		98	70 - 120
Chloroethane	50.0	44.0		ug/Kg		88	50 - 150
Chloroform	50.0	47.0		ug/Kg		94	70 - 120
Chloromethane	50.0	50.8		ug/Kg		102	50 - 134
cis-1,2-Dichloroethene	50.0	45.9		ug/Kg		92	70 - 120
cis-1,3-Dichloropropene	50.0	45.3		ug/Kg		91	70 - 120
Dibromochloromethane	50.0	44.8		ug/Kg		90	70 - 120
Dibromomethane	50.0	47.1		ug/Kg		94	70 - 120
Dichlorodifluoromethane	50.0	46.2		ug/Kg		92	40 - 140
Ethylbenzene	50.0	47.3		ug/Kg		95	75 - 120
Hexachlorobutadiene	50.0	49.1		ug/Kg		98	65 - 135
Isopropylbenzene	50.0	48.4		ug/Kg		97	70 - 120
Methyl tert-butyl ether	50.0	44.6		ug/Kg		89	58 - 122
Methylene Chloride	50.0	47.4		ug/Kg		95	65 - 125
Naphthalene	50.0	59.2		ug/Kg		118	55 - 132
n-Butylbenzene	50.0	50.9		ug/Kg		102	75 - 120
N-Propylbenzene	50.0	50.9		ug/Kg		102	70 - 120
p-Isopropyltoluene	50.0	49.8		ug/Kg		100	70 - 120
sec-Butylbenzene	50.0	48.5		ug/Kg		97	70 - 120
Styrene	50.0	48.5		ug/Kg		97	75 - 120
tert-Butylbenzene	50.0	48.0		ug/Kg		96	70 - 120
Tetrachloroethene	50.0	48.2		ug/Kg		96	70 - 123
Toluene	50.0	47.4		ug/Kg		95	70 - 120
trans-1,2-Dichloroethene	50.0	46.6		ug/Kg		93	70 - 124
trans-1,3-Dichloropropene	50.0	44.7		ug/Kg		89	70 - 120
Trichloroethene	50.0	48.6		ug/Kg		97	70 - 120
Trichlorofluoromethane	50.0	48.4		ug/Kg		97	63 - 134
Vinyl chloride	50.0	48.2		ug/Kg		96	62 - 138
Xylenes, Total	100	94.0		ug/Kg		94	70 - 120

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	89		75 - 125
4-Bromofluorobenzene (Surr)	93		75 - 120
Dibromofluoromethane	92		75 - 120
Toluene-d8 (Surr)	93		75 - 120

Lab Sample ID: MB 500-200573/6

Matrix: Solid

Analysis Batch: 200573

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1,2-Tetrachloroethane	<0.35		2.0	0.35	ug/Kg			08/29/13 22:27	1
1,1,1-Trichloroethane	<0.20		1.0	0.20	ug/Kg			08/29/13 22:27	1
1,1,2,2-Tetrachloroethane	<0.23		1.0	0.23	ug/Kg			08/29/13 22:27	1
1,1,2-Trichloroethane	<0.28		1.0	0.28	ug/Kg			08/29/13 22:27	1
1,1-Dichloroethane	<0.19		1.0	0.19	ug/Kg			08/29/13 22:27	1
1,1-Dichloroethene	<0.31		1.0	0.31	ug/Kg			08/29/13 22:27	1
1,1-Dichloropropene	<0.34		1.0	0.34	ug/Kg			08/29/13 22:27	1

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

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

Lab Sample ID: MB 500-200573/6

Matrix: Solid

Analysis Batch: 200573

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,2,3-Trichlorobenzene	<0.35		2.0	0.35	ug/Kg			08/29/13 22:27	1
1,2,3-Trichloropropane	<0.57		2.0	0.57	ug/Kg			08/29/13 22:27	1
1,2,4-Trichlorobenzene	<0.38		2.0	0.38	ug/Kg			08/29/13 22:27	1
1,2,4-Trimethylbenzene	<0.21		2.0	0.21	ug/Kg			08/29/13 22:27	1
1,2-Dibromo-3-Chloropropane	<0.87		2.0	0.87	ug/Kg			08/29/13 22:27	1
1,2-Dibromoethane	<0.31		2.0	0.31	ug/Kg			08/29/13 22:27	1
1,2-Dichlorobenzene	<0.21		2.0	0.21	ug/Kg			08/29/13 22:27	1
1,2-Dichloroethane	<0.29		1.0	0.29	ug/Kg			08/29/13 22:27	1
1,2-Dichloropropane	<0.20		1.0	0.20	ug/Kg			08/29/13 22:27	1
1,3,5-Trimethylbenzene	<0.21		2.0	0.21	ug/Kg			08/29/13 22:27	1
1,3-Dichlorobenzene	<0.26		2.0	0.26	ug/Kg			08/29/13 22:27	1
1,3-Dichloropropane	<0.13		1.0	0.13	ug/Kg			08/29/13 22:27	1
1,4-Dichlorobenzene	<0.17		2.0	0.17	ug/Kg			08/29/13 22:27	1
2,2-Dichloropropane	<0.32		1.0	0.32	ug/Kg			08/29/13 22:27	1
2-Chlorotoluene	<0.21		1.0	0.21	ug/Kg			08/29/13 22:27	1
4-Chlorotoluene	<0.20		1.0	0.20	ug/Kg			08/29/13 22:27	1
Benzene	<0.074		0.25	0.074	ug/Kg			08/29/13 22:27	1
Bromobenzene	<0.43		2.0	0.43	ug/Kg			08/29/13 22:27	1
Bromochloromethane	<0.38		2.0	0.38	ug/Kg			08/29/13 22:27	1
Bromodichloromethane	<0.34		2.0	0.34	ug/Kg			08/29/13 22:27	1
Bromoform	<0.44		2.0	0.44	ug/Kg			08/29/13 22:27	1
Bromomethane	<0.68		2.0	0.68	ug/Kg			08/29/13 22:27	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/Kg			08/29/13 22:27	1
Chlorobenzene	<0.14		1.0	0.14	ug/Kg			08/29/13 22:27	1
Chloroethane	<0.44		2.0	0.44	ug/Kg			08/29/13 22:27	1
Chloroform	<0.21		1.0	0.21	ug/Kg			08/29/13 22:27	1
Chloromethane	<0.46		2.0	0.46	ug/Kg			08/29/13 22:27	1
cis-1,2-Dichloroethene	<0.12		1.0	0.12	ug/Kg			08/29/13 22:27	1
cis-1,3-Dichloropropene	<0.18		1.0	0.18	ug/Kg			08/29/13 22:27	1
Dibromochloromethane	<0.35		2.0	0.35	ug/Kg			08/29/13 22:27	1
Dibromomethane	<0.48		2.0	0.48	ug/Kg			08/29/13 22:27	1
Dichlorodifluoromethane	<0.51		2.0	0.51	ug/Kg			08/29/13 22:27	1
Ethylbenzene	<0.13		0.25	0.13	ug/Kg			08/29/13 22:27	1
Hexachlorobutadiene	<0.35		2.0	0.35	ug/Kg			08/29/13 22:27	1
Isopropyl ether	<0.15		2.0	0.15	ug/Kg			08/29/13 22:27	1
Isopropylbenzene	<0.25		2.0	0.25	ug/Kg			08/29/13 22:27	1
Methyl tert-butyl ether	<0.43		2.0	0.43	ug/Kg			08/29/13 22:27	1
Methylene Chloride	<0.68		5.0	0.68	ug/Kg			08/29/13 22:27	1
Naphthalene	<0.49		2.0	0.49	ug/Kg			08/29/13 22:27	1
n-Butylbenzene	<0.13		1.0	0.13	ug/Kg			08/29/13 22:27	1
N-Propylbenzene	<0.18		2.0	0.18	ug/Kg			08/29/13 22:27	1
p-Isopropyltoluene	<0.19		2.0	0.19	ug/Kg			08/29/13 22:27	1
sec-Butylbenzene	<0.15		1.0	0.15	ug/Kg			08/29/13 22:27	1
Styrene	<0.099		1.0	0.099	ug/Kg			08/29/13 22:27	1
tert-Butylbenzene	<0.14		1.0	0.14	ug/Kg			08/29/13 22:27	1
Tetrachloroethene	<0.17		1.0	0.17	ug/Kg			08/29/13 22:27	1
Toluene	<0.12		0.25	0.12	ug/Kg			08/29/13 22:27	1
trans-1,2-Dichloroethene	<0.25		1.0	0.25	ug/Kg			08/29/13 22:27	1

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

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

Lab Sample ID: MB 500-200573/6

Matrix: Solid

Analysis Batch: 200573

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	<0.21		1.0	0.21	ug/Kg			08/29/13 22:27	1
Trichloroethene	<0.19		0.50	0.19	ug/Kg			08/29/13 22:27	1
Trichlorofluoromethane	<0.42		2.0	0.42	ug/Kg			08/29/13 22:27	1
Vinyl chloride	<0.10		0.25	0.10	ug/Kg			08/29/13 22:27	1
Xylenes, Total	<0.068		0.50	0.068	ug/Kg			08/29/13 22:27	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		75 - 125		08/29/13 22:27	1
4-Bromofluorobenzene (Surr)	97		75 - 120		08/29/13 22:27	1
Dibromofluoromethane	87		75 - 120		08/29/13 22:27	1
Toluene-d8 (Surr)	91		75 - 120		08/29/13 22:27	1

Lab Sample ID: LCS 500-200573/4

Matrix: Solid

Analysis Batch: 200573

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	50.0	45.9		ug/Kg		92	75 - 120
1,1,1-Trichloroethane	50.0	43.3		ug/Kg		87	70 - 123
1,1,2,2-Tetrachloroethane	50.0	58.2		ug/Kg		116	70 - 128
1,1,2-Trichloroethane	50.0	52.9		ug/Kg		106	69 - 120
1,1-Dichloroethane	50.0	46.8		ug/Kg		94	68 - 121
1,1-Dichloroethene	50.0	42.9		ug/Kg		86	58 - 122
1,1-Dichloropropene	50.0	47.2		ug/Kg		94	70 - 120
1,2,3-Trichlorobenzene	50.0	57.0		ug/Kg		114	56 - 137
1,2,3-Trichloropropane	50.0	50.7		ug/Kg		101	70 - 120
1,2,4-Trichlorobenzene	50.0	51.7		ug/Kg		103	65 - 121
1,2,4-Trimethylbenzene	50.0	49.4		ug/Kg		99	75 - 121
1,2-Dibromo-3-Chloropropane	50.0	43.1		ug/Kg		86	60 - 121
1,2-Dibromoethane	50.0	54.3		ug/Kg		109	70 - 120
1,2-Dichlorobenzene	50.0	54.1		ug/Kg		108	75 - 120
1,2-Dichloroethane	50.0	48.8		ug/Kg		98	69 - 120
1,2-Dichloropropane	50.0	49.2		ug/Kg		98	70 - 120
1,3,5-Trimethylbenzene	50.0	49.6		ug/Kg		99	75 - 123
1,3-Dichlorobenzene	50.0	50.8		ug/Kg		102	70 - 120
1,3-Dichloropropane	50.0	55.2		ug/Kg		110	70 - 120
1,4-Dichlorobenzene	50.0	50.9		ug/Kg		102	75 - 120
2,2-Dichloropropane	50.0	38.4		ug/Kg		77	67 - 125
2-Chlorotoluene	50.0	50.6		ug/Kg		101	70 - 120
4-Chlorotoluene	50.0	50.5		ug/Kg		101	70 - 120
Benzene	50.0	48.6		ug/Kg		97	70 - 120
Bromobenzene	50.0	55.2		ug/Kg		110	70 - 120
Bromochloromethane	50.0	48.8		ug/Kg		98	67 - 122
Bromodichloromethane	50.0	47.3		ug/Kg		95	70 - 120
Bromoform	50.0	43.2		ug/Kg		86	70 - 125
Bromomethane	50.0	49.0		ug/Kg		98	50 - 150
Carbon tetrachloride	50.0	42.8		ug/Kg		86	70 - 125
Chlorobenzene	50.0	49.7		ug/Kg		99	70 - 120

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

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

Lab Sample ID: LCS 500-200573/4

Matrix: Solid

Analysis Batch: 200573

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloroethane	50.0	43.2		ug/Kg		86	50 - 150
Chloroform	50.0	48.5		ug/Kg		97	70 - 120
Chloromethane	50.0	51.8		ug/Kg		104	50 - 134
cis-1,2-Dichloroethene	50.0	47.5		ug/Kg		95	70 - 120
cis-1,3-Dichloropropene	50.0	45.7		ug/Kg		91	70 - 120
Dibromochloromethane	50.0	46.4		ug/Kg		93	70 - 120
Dibromomethane	50.0	50.0		ug/Kg		100	70 - 120
Dichlorodifluoromethane	50.0	45.8		ug/Kg		92	40 - 140
Ethylbenzene	50.0	48.3		ug/Kg		97	75 - 120
Hexachlorobutadiene	50.0	46.1		ug/Kg		92	65 - 135
Isopropylbenzene	50.0	50.7		ug/Kg		101	70 - 120
Methyl tert-butyl ether	50.0	47.9		ug/Kg		96	58 - 122
Methylene Chloride	50.0	49.2		ug/Kg		98	65 - 125
Naphthalene	50.0	59.8		ug/Kg		120	55 - 132
n-Butylbenzene	50.0	49.0		ug/Kg		98	75 - 120
N-Propylbenzene	50.0	51.3		ug/Kg		103	70 - 120
p-Isopropyltoluene	50.0	49.6		ug/Kg		99	70 - 120
sec-Butylbenzene	50.0	48.9		ug/Kg		98	70 - 120
Styrene	50.0	48.5		ug/Kg		97	75 - 120
tert-Butylbenzene	50.0	49.4		ug/Kg		99	70 - 120
Tetrachloroethene	50.0	46.9		ug/Kg		94	70 - 123
Toluene	50.0	47.9		ug/Kg		96	70 - 120
trans-1,2-Dichloroethene	50.0	46.2		ug/Kg		92	70 - 124
trans-1,3-Dichloropropene	50.0	46.0		ug/Kg		92	70 - 120
Trichloroethene	50.0	48.7		ug/Kg		97	70 - 120
Trichlorofluoromethane	50.0	47.0		ug/Kg		94	63 - 134
Vinyl chloride	50.0	47.6		ug/Kg		95	62 - 138
Xylenes, Total	100	94.3		ug/Kg		94	70 - 120

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	94		75 - 125
4-Bromofluorobenzene (Surr)	95		75 - 120
Dibromofluoromethane	95		75 - 120
Toluene-d8 (Surr)	91		75 - 120

Lab Sample ID: MB 500-200695/6

Matrix: Solid

Analysis Batch: 200695

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1,2-Tetrachloroethane	<0.35		2.0	0.35	ug/Kg			08/30/13 10:32	1
1,1,1-Trichloroethane	<0.20		1.0	0.20	ug/Kg			08/30/13 10:32	1
1,1,2,2-Tetrachloroethane	<0.23		1.0	0.23	ug/Kg			08/30/13 10:32	1
1,1,2-Trichloroethane	<0.28		1.0	0.28	ug/Kg			08/30/13 10:32	1
1,1-Dichloroethane	<0.19		1.0	0.19	ug/Kg			08/30/13 10:32	1
1,1-Dichloroethene	<0.31		1.0	0.31	ug/Kg			08/30/13 10:32	1
1,1-Dichloropropene	<0.34		1.0	0.34	ug/Kg			08/30/13 10:32	1
1,2,3-Trichlorobenzene	<0.35		2.0	0.35	ug/Kg			08/30/13 10:32	1

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

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

Lab Sample ID: MB 500-200695/6

Matrix: Solid

Analysis Batch: 200695

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,2,3-Trichloropropane	<0.57		2.0	0.57	ug/Kg			08/30/13 10:32	1
1,2,4-Trichlorobenzene	<0.38		2.0	0.38	ug/Kg			08/30/13 10:32	1
1,2,4-Trimethylbenzene	<0.21		2.0	0.21	ug/Kg			08/30/13 10:32	1
1,2-Dibromo-3-Chloropropane	<0.87		2.0	0.87	ug/Kg			08/30/13 10:32	1
1,2-Dibromoethane	<0.31		2.0	0.31	ug/Kg			08/30/13 10:32	1
1,2-Dichlorobenzene	<0.21		2.0	0.21	ug/Kg			08/30/13 10:32	1
1,2-Dichloroethane	<0.29		1.0	0.29	ug/Kg			08/30/13 10:32	1
1,2-Dichloropropane	<0.20		1.0	0.20	ug/Kg			08/30/13 10:32	1
1,3,5-Trimethylbenzene	<0.21		2.0	0.21	ug/Kg			08/30/13 10:32	1
1,3-Dichlorobenzene	<0.26		2.0	0.26	ug/Kg			08/30/13 10:32	1
1,3-Dichloropropane	<0.13		1.0	0.13	ug/Kg			08/30/13 10:32	1
1,4-Dichlorobenzene	<0.17		2.0	0.17	ug/Kg			08/30/13 10:32	1
2,2-Dichloropropane	<0.32		1.0	0.32	ug/Kg			08/30/13 10:32	1
2-Chlorotoluene	<0.21		1.0	0.21	ug/Kg			08/30/13 10:32	1
4-Chlorotoluene	<0.20		1.0	0.20	ug/Kg			08/30/13 10:32	1
Benzene	<0.074		0.25	0.074	ug/Kg			08/30/13 10:32	1
Bromobenzene	<0.43		2.0	0.43	ug/Kg			08/30/13 10:32	1
Bromochloromethane	<0.38		2.0	0.38	ug/Kg			08/30/13 10:32	1
Bromodichloromethane	<0.34		2.0	0.34	ug/Kg			08/30/13 10:32	1
Bromoform	<0.44		2.0	0.44	ug/Kg			08/30/13 10:32	1
Bromomethane	<0.68		2.0	0.68	ug/Kg			08/30/13 10:32	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/Kg			08/30/13 10:32	1
Chlorobenzene	<0.14		1.0	0.14	ug/Kg			08/30/13 10:32	1
Chloroethane	<0.44		2.0	0.44	ug/Kg			08/30/13 10:32	1
Chloroform	<0.21		1.0	0.21	ug/Kg			08/30/13 10:32	1
Chloromethane	<0.46		2.0	0.46	ug/Kg			08/30/13 10:32	1
cis-1,2-Dichloroethene	<0.12		1.0	0.12	ug/Kg			08/30/13 10:32	1
cis-1,3-Dichloropropene	<0.18		1.0	0.18	ug/Kg			08/30/13 10:32	1
Dibromochloromethane	<0.35		2.0	0.35	ug/Kg			08/30/13 10:32	1
Dibromomethane	<0.48		2.0	0.48	ug/Kg			08/30/13 10:32	1
Dichlorodifluoromethane	<0.51		2.0	0.51	ug/Kg			08/30/13 10:32	1
Ethylbenzene	<0.13		0.25	0.13	ug/Kg			08/30/13 10:32	1
Hexachlorobutadiene	<0.35		2.0	0.35	ug/Kg			08/30/13 10:32	1
Isopropyl ether	<0.15		2.0	0.15	ug/Kg			08/30/13 10:32	1
Isopropylbenzene	<0.25		2.0	0.25	ug/Kg			08/30/13 10:32	1
Methyl tert-butyl ether	<0.43		2.0	0.43	ug/Kg			08/30/13 10:32	1
Methylene Chloride	<0.68		5.0	0.68	ug/Kg			08/30/13 10:32	1
Naphthalene	<0.49		2.0	0.49	ug/Kg			08/30/13 10:32	1
n-Butylbenzene	<0.13		1.0	0.13	ug/Kg			08/30/13 10:32	1
N-Propylbenzene	<0.18		2.0	0.18	ug/Kg			08/30/13 10:32	1
p-Isopropyltoluene	<0.19		2.0	0.19	ug/Kg			08/30/13 10:32	1
sec-Butylbenzene	<0.15		1.0	0.15	ug/Kg			08/30/13 10:32	1
Styrene	<0.099		1.0	0.099	ug/Kg			08/30/13 10:32	1
tert-Butylbenzene	<0.14		1.0	0.14	ug/Kg			08/30/13 10:32	1
Tetrachloroethene	<0.17		1.0	0.17	ug/Kg			08/30/13 10:32	1
Toluene	<0.12		0.25	0.12	ug/Kg			08/30/13 10:32	1
trans-1,2-Dichloroethene	<0.25		1.0	0.25	ug/Kg			08/30/13 10:32	1
trans-1,3-Dichloropropene	<0.21		1.0	0.21	ug/Kg			08/30/13 10:32	1

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

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

Lab Sample ID: MB 500-200695/6

Matrix: Solid

Analysis Batch: 200695

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Trichloroethene	<0.19		0.50	0.19	ug/Kg			08/30/13 10:32	1
Trichlorofluoromethane	<0.42		2.0	0.42	ug/Kg			08/30/13 10:32	1
Vinyl chloride	<0.10		0.25	0.10	ug/Kg			08/30/13 10:32	1
Xylenes, Total	<0.068		0.50	0.068	ug/Kg			08/30/13 10:32	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	96		75 - 125		08/30/13 10:32	1
4-Bromofluorobenzene (Surr)	92		75 - 120		08/30/13 10:32	1
Dibromofluoromethane	85		75 - 120		08/30/13 10:32	1
Toluene-d8 (Surr)	91		75 - 120		08/30/13 10:32	1

Lab Sample ID: LCS 500-200695/4

Matrix: Solid

Analysis Batch: 200695

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	50.0	43.4		ug/Kg		87	70 - 123
1,1,2,2-Tetrachloroethane	50.0	58.8		ug/Kg		118	70 - 128
1,1,2-Trichloroethane	50.0	52.7		ug/Kg		105	69 - 120
1,1-Dichloroethane	50.0	45.4		ug/Kg		91	68 - 121
1,1-Dichloroethene	50.0	43.2		ug/Kg		86	58 - 122
1,1-Dichloropropene	50.0	47.9		ug/Kg		96	70 - 120
1,2,3-Trichlorobenzene	50.0	62.9		ug/Kg		126	56 - 137
1,2,3-Trichloropropane	50.0	52.9		ug/Kg		106	70 - 120
1,2,4-Trichlorobenzene	50.0	58.6		ug/Kg		117	65 - 121
1,2,4-Trimethylbenzene	50.0	49.3		ug/Kg		99	75 - 121
1,2-Dibromo-3-Chloropropane	50.0	45.6		ug/Kg		91	60 - 121
1,2-Dibromoethane	50.0	55.8		ug/Kg		112	70 - 120
1,2-Dichlorobenzene	50.0	54.2		ug/Kg		108	75 - 120
1,2-Dichloroethane	50.0	48.2		ug/Kg		96	69 - 120
1,2-Dichloropropane	50.0	47.1		ug/Kg		94	70 - 120
1,3,5-Trimethylbenzene	50.0	49.1		ug/Kg		98	75 - 123
1,3-Dichlorobenzene	50.0	52.3		ug/Kg		105	70 - 120
1,3-Dichloropropane	50.0	54.9		ug/Kg		110	70 - 120
1,4-Dichlorobenzene	50.0	52.0		ug/Kg		104	75 - 120
2,2-Dichloropropane	50.0	37.8		ug/Kg		76	67 - 125
2-Chlorotoluene	50.0	49.9		ug/Kg		100	70 - 120
4-Chlorotoluene	50.0	50.9		ug/Kg		102	70 - 120
Benzene	50.0	47.7		ug/Kg		95	70 - 120
Bromobenzene	50.0	52.8		ug/Kg		106	70 - 120
Bromochloromethane	50.0	48.2		ug/Kg		96	67 - 122
Bromodichloromethane	50.0	46.4		ug/Kg		93	70 - 120
Bromoform	50.0	45.4		ug/Kg		91	70 - 125
Bromomethane	50.0	44.1		ug/Kg		88	50 - 150
Carbon tetrachloride	50.0	42.8		ug/Kg		86	70 - 125
Chlorobenzene	50.0	50.5		ug/Kg		101	70 - 120
Chloroethane	50.0	43.3		ug/Kg		87	50 - 150

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

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

Lab Sample ID: LCS 500-200695/4

Matrix: Solid

Analysis Batch: 200695

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloroform	50.0	47.2		ug/Kg		94	70 - 120
Chloromethane	50.0	49.6		ug/Kg		99	50 - 134
cis-1,2-Dichloroethene	50.0	44.7		ug/Kg		89	70 - 120
cis-1,3-Dichloropropene	50.0	47.5		ug/Kg		95	70 - 120
Dibromochloromethane	50.0	48.6		ug/Kg		97	70 - 120
Dibromomethane	50.0	49.4		ug/Kg		99	70 - 120
Dichlorodifluoromethane	50.0	45.9		ug/Kg		92	40 - 140
Ethylbenzene	50.0	49.4		ug/Kg		99	75 - 120
Hexachlorobutadiene	50.0	51.3		ug/Kg		103	65 - 135
Isopropylbenzene	50.0	49.1		ug/Kg		98	70 - 120
Methyl tert-butyl ether	50.0	45.5		ug/Kg		91	58 - 122
Methylene Chloride	50.0	45.9		ug/Kg		92	65 - 125
Naphthalene	50.0	64.8		ug/Kg		130	55 - 132
n-Butylbenzene	50.0	52.5		ug/Kg		105	75 - 120
N-Propylbenzene	50.0	51.4		ug/Kg		103	70 - 120
p-Isopropyltoluene	50.0	50.2		ug/Kg		100	70 - 120
sec-Butylbenzene	50.0	49.8		ug/Kg		100	70 - 120
Styrene	50.0	49.9		ug/Kg		100	75 - 120
tert-Butylbenzene	50.0	48.8		ug/Kg		98	70 - 120
Tetrachloroethene	50.0	49.2		ug/Kg		98	70 - 123
Toluene	50.0	48.7		ug/Kg		97	70 - 120
trans-1,2-Dichloroethene	50.0	45.7		ug/Kg		91	70 - 124
trans-1,3-Dichloropropene	50.0	47.3		ug/Kg		95	70 - 120
Trichloroethene	50.0	49.3		ug/Kg		99	70 - 120
Trichlorofluoromethane	50.0	47.0		ug/Kg		94	63 - 134
Vinyl chloride	50.0	46.9		ug/Kg		94	62 - 138
Xylenes, Total	100	97.0		ug/Kg		97	70 - 120

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	94		75 - 125
4-Bromofluorobenzene (Surr)	92		75 - 120
Dibromofluoromethane	91		75 - 120
Toluene-d8 (Surr)	94		75 - 120

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 500-200842/1-A

Matrix: Solid

Analysis Batch: 200963

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 200842

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1-Methylnaphthalene	<17		33	17	ug/Kg		08/30/13 20:36	09/03/13 11:28	1
2-Methylnaphthalene	<43		170	43	ug/Kg		08/30/13 20:36	09/03/13 11:28	1
Acenaphthene	<9.9		33	9.9	ug/Kg		08/30/13 20:36	09/03/13 11:28	1
Acenaphthylene	<7.6		33	7.6	ug/Kg		08/30/13 20:36	09/03/13 11:28	1
Anthracene	<7.8		33	7.8	ug/Kg		08/30/13 20:36	09/03/13 11:28	1
Benzo[a]anthracene	<7.0		33	7.0	ug/Kg		08/30/13 20:36	09/03/13 11:28	1
Benzo[a]pyrene	<6.1		33	6.1	ug/Kg		08/30/13 20:36	09/03/13 11:28	1

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 500-200842/1-A

Matrix: Solid

Analysis Batch: 200963

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 200842

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzo[b]fluoranthene	<6.5		33	6.5	ug/Kg		08/30/13 20:36	09/03/13 11:28	1
Benzo[g,h,i]perylene	<11		33	11	ug/Kg		08/30/13 20:36	09/03/13 11:28	1
Benzo[k]fluoranthene	<7.9		33	7.9	ug/Kg		08/30/13 20:36	09/03/13 11:28	1
Chrysene	<7.5		33	7.5	ug/Kg		08/30/13 20:36	09/03/13 11:28	1
Dibenz(a,h)anthracene	<9.3		33	9.3	ug/Kg		08/30/13 20:36	09/03/13 11:28	1
Fluoranthene	<14		33	14	ug/Kg		08/30/13 20:36	09/03/13 11:28	1
Fluorene	<7.6		33	7.6	ug/Kg		08/30/13 20:36	09/03/13 11:28	1
Indeno[1,2,3-cd]pyrene	<11		33	11	ug/Kg		08/30/13 20:36	09/03/13 11:28	1
Naphthalene	<6.4		33	6.4	ug/Kg		08/30/13 20:36	09/03/13 11:28	1
Phenanthrene	<14		33	14	ug/Kg		08/30/13 20:36	09/03/13 11:28	1
Pyrene	<12		33	12	ug/Kg		08/30/13 20:36	09/03/13 11:28	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
2-Fluorobiphenyl	63		25 - 119	08/30/13 20:36	09/03/13 11:28	1
Nitrobenzene-d5 (Surr)	62		25 - 115	08/30/13 20:36	09/03/13 11:28	1
Terphenyl-d14 (Surr)	67		36 - 134	08/30/13 20:36	09/03/13 11:28	1

Lab Sample ID: LCS 500-200842/2-A

Matrix: Solid

Analysis Batch: 200963

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 200842

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
2-Methylnaphthalene	1330	821		ug/Kg		62	51 - 110
Acenaphthene	1330	932		ug/Kg		70	53 - 110
Acenaphthylene	1330	880		ug/Kg		66	51 - 110
Anthracene	1330	1050		ug/Kg		78	52 - 110
Benzo[a]anthracene	1330	942		ug/Kg		71	57 - 110
Benzo[a]pyrene	1330	900		ug/Kg		68	56 - 110
Benzo[b]fluoranthene	1330	994		ug/Kg		75	50 - 110
Benzo[g,h,i]perylene	1330	1020		ug/Kg		77	54 - 117
Benzo[k]fluoranthene	1330	850		ug/Kg		64	43 - 121
Chrysene	1330	1040		ug/Kg		78	54 - 110
Dibenz(a,h)anthracene	1330	863		ug/Kg		65	52 - 118
Fluoranthene	1330	995		ug/Kg		75	55 - 113
Fluorene	1330	975		ug/Kg		73	52 - 112
Indeno[1,2,3-cd]pyrene	1330	880		ug/Kg		66	53 - 116
Naphthalene	1330	863		ug/Kg		65	48 - 110
Phenanthrene	1330	981		ug/Kg		74	51 - 116
Pyrene	1330	1010		ug/Kg		75	50 - 112

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
2-Fluorobiphenyl	70		25 - 119
Nitrobenzene-d5 (Surr)	67		25 - 115
Terphenyl-d14 (Surr)	77		36 - 134

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 500-61811-1 MS

Matrix: Solid

Analysis Batch: 201188

Client Sample ID: B-118 0-2'

Prep Type: Total/NA

Prep Batch: 200842

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier	Added	Result	Qualifier				
2-Methylnaphthalene	<46		1410	941		ug/Kg	☼	67	51 - 110
Acenaphthene	27	J	1410	737	F	ug/Kg	☼	50	53 - 110
Acenaphthylene	22	J	1410	741		ug/Kg	☼	51	51 - 110
Anthracene	73		1410	939		ug/Kg	☼	61	52 - 110
Benzo[a]anthracene	900		1410	1340	F	ug/Kg	☼	32	57 - 110
Benzo[a]pyrene	930		1410	1240	F	ug/Kg	☼	22	56 - 110
Benzo[b]fluoranthene	1300		1410	1660	F	ug/Kg	☼	24	50 - 110
Benzo[g,h,i]perylene	740		1410	1270	F	ug/Kg	☼	37	54 - 117
Benzo[k]fluoranthene	520		1410	847	F	ug/Kg	☼	23	43 - 121
Chrysene	1100		1410	1580	F	ug/Kg	☼	35	54 - 110
Dibenz(a,h)anthracene	350		1410	921	F	ug/Kg	☼	41	52 - 118
Fluoranthene	1200		1410	1660	F	ug/Kg	☼	30	55 - 113
Fluorene	25	J	1410	853		ug/Kg	☼	59	52 - 112
Indeno[1,2,3-cd]pyrene	610		1410	1070	F	ug/Kg	☼	33	53 - 116
Naphthalene	34	J	1410	775		ug/Kg	☼	53	48 - 110
Phenanthrene	350		1410	1210		ug/Kg	☼	61	51 - 116
Pyrene	970		1410	1490	F	ug/Kg	☼	38	50 - 112

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
2-Fluorobiphenyl	54		25 - 119
Nitrobenzene-d5 (Surr)	59		25 - 115
Terphenyl-d14 (Surr)	61		36 - 134

Lab Sample ID: 500-61811-1 MSD

Matrix: Solid

Analysis Batch: 201188

Client Sample ID: B-118 0-2'

Prep Type: Total/NA

Prep Batch: 200842

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
	Result	Qualifier	Added	Result	Qualifier						
2-Methylnaphthalene	<46		1410	1180		ug/Kg	☼	84	51 - 110	23	30
Acenaphthene	27	J	1410	932		ug/Kg	☼	64	53 - 110	23	30
Acenaphthylene	22	J	1410	950		ug/Kg	☼	66	51 - 110	25	30
Anthracene	73		1410	1130		ug/Kg	☼	75	52 - 110	19	30
Benzo[a]anthracene	900		1410	1930	F	ug/Kg	☼	73	57 - 110	36	30
Benzo[a]pyrene	930		1410	1760	F	ug/Kg	☼	59	56 - 110	35	30
Benzo[b]fluoranthene	1300		1410	2430	F	ug/Kg	☼	78	50 - 110	38	30
Benzo[g,h,i]perylene	740		1410	1720		ug/Kg	☼	69	54 - 117	30	30
Benzo[k]fluoranthene	520		1410	1010	F	ug/Kg	☼	34	43 - 121	17	30
Chrysene	1100		1410	2580	F	ug/Kg	☼	106	54 - 110	48	30
Dibenz(a,h)anthracene	350		1410	1220		ug/Kg	☼	61	52 - 118	28	30
Fluoranthene	1200		1410	2340	F	ug/Kg	☼	79	55 - 113	34	30
Fluorene	25	J	1410	1040		ug/Kg	☼	72	52 - 112	20	30
Indeno[1,2,3-cd]pyrene	610		1410	1400		ug/Kg	☼	56	53 - 116	27	30
Naphthalene	34	J	1410	931		ug/Kg	☼	63	48 - 110	18	30
Phenanthrene	350		1410	1620		ug/Kg	☼	89	51 - 116	28	30
Pyrene	970		1410	2090	F	ug/Kg	☼	79	50 - 112	33	30

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 500-61811-1 MSD

Matrix: Solid

Analysis Batch: 201188

Client Sample ID: B-118 0-2'

Prep Type: Total/NA

Prep Batch: 200842

Surrogate	MSD MSD		Limits
	%Recovery	Qualifier	
2-Fluorobiphenyl	73		25 - 119
Nitrobenzene-d5 (Surr)	77		25 - 115
Terphenyl-d14 (Surr)	82		36 - 134

Lab Sample ID: MB 500-200911/1-A

Matrix: Solid

Analysis Batch: 200963

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 200911

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1-Methylnaphthalene	<17		33	17	ug/Kg		09/01/13 21:51	09/03/13 13:17	1
2-Methylnaphthalene	<43		170	43	ug/Kg		09/01/13 21:51	09/03/13 13:17	1
Acenaphthene	<9.9		33	9.9	ug/Kg		09/01/13 21:51	09/03/13 13:17	1
Acenaphthylene	<7.6		33	7.6	ug/Kg		09/01/13 21:51	09/03/13 13:17	1
Anthracene	<7.8		33	7.8	ug/Kg		09/01/13 21:51	09/03/13 13:17	1
Benzo[a]anthracene	<7.0		33	7.0	ug/Kg		09/01/13 21:51	09/03/13 13:17	1
Benzo[a]pyrene	<6.1		33	6.1	ug/Kg		09/01/13 21:51	09/03/13 13:17	1
Benzo[b]fluoranthene	<6.5		33	6.5	ug/Kg		09/01/13 21:51	09/03/13 13:17	1
Benzo[g,h,i]perylene	<11		33	11	ug/Kg		09/01/13 21:51	09/03/13 13:17	1
Benzo[k]fluoranthene	<7.9		33	7.9	ug/Kg		09/01/13 21:51	09/03/13 13:17	1
Chrysene	<7.5		33	7.5	ug/Kg		09/01/13 21:51	09/03/13 13:17	1
Dibenz(a,h)anthracene	<9.3		33	9.3	ug/Kg		09/01/13 21:51	09/03/13 13:17	1
Fluoranthene	<14		33	14	ug/Kg		09/01/13 21:51	09/03/13 13:17	1
Fluorene	<7.6		33	7.6	ug/Kg		09/01/13 21:51	09/03/13 13:17	1
Indeno[1,2,3-cd]pyrene	<11		33	11	ug/Kg		09/01/13 21:51	09/03/13 13:17	1
Naphthalene	<6.4		33	6.4	ug/Kg		09/01/13 21:51	09/03/13 13:17	1
Phenanthrene	<14		33	14	ug/Kg		09/01/13 21:51	09/03/13 13:17	1
Pyrene	<12		33	12	ug/Kg		09/01/13 21:51	09/03/13 13:17	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
2-Fluorobiphenyl	69		25 - 119	09/01/13 21:51	09/03/13 13:17	1
Nitrobenzene-d5 (Surr)	69		25 - 115	09/01/13 21:51	09/03/13 13:17	1
Terphenyl-d14 (Surr)	73		36 - 134	09/01/13 21:51	09/03/13 13:17	1

Lab Sample ID: LCS 500-200911/2-A

Matrix: Solid

Analysis Batch: 200963

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 200911

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	1330	992		ug/Kg		74	53 - 110
Acenaphthylene	1330	910		ug/Kg		68	51 - 110
Anthracene	1330	1070		ug/Kg		80	52 - 110
Benzo[a]anthracene	1330	1020		ug/Kg		76	57 - 110
Benzo[a]pyrene	1330	929		ug/Kg		70	56 - 110
Benzo[b]fluoranthene	1330	1050		ug/Kg		79	50 - 110
Benzo[g,h,i]perylene	1330	1040		ug/Kg		78	54 - 117
Benzo[k]fluoranthene	1330	846		ug/Kg		63	43 - 121
Chrysene	1330	1050		ug/Kg		79	54 - 110

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-200911/2-A

Matrix: Solid

Analysis Batch: 200963

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 200911

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dibenz(a,h)anthracene	1330	902		ug/Kg		68	52 - 118
Fluoranthene	1330	995		ug/Kg		75	55 - 113
Fluorene	1330	1010		ug/Kg		76	52 - 112
Indeno[1,2,3-cd]pyrene	1330	907		ug/Kg		68	53 - 116
Naphthalene	1330	941		ug/Kg		71	48 - 110
Phenanthrene	1330	1060		ug/Kg		80	51 - 116
Pyrene	1330	1090		ug/Kg		82	50 - 112

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorobiphenyl	71		25 - 119
Nitrobenzene-d5 (Surr)	70		25 - 115
Terphenyl-d14 (Surr)	77		36 - 134

Lab Sample ID: 500-61811-21 MS

Matrix: Solid

Analysis Batch: 201554

Client Sample ID: B-123 0-2'

Prep Type: Total/NA

Prep Batch: 200911

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Methylnaphthalene	51	J	1550	1440		ug/Kg	☼	89	51 - 110
Acenaphthene	77		1550	1240		ug/Kg	☼	75	53 - 110
Acenaphthylene	52		1550	1150		ug/Kg	☼	71	51 - 110
Anthracene	220		1550	1400		ug/Kg	☼	76	52 - 110
Benzo[a]anthracene	1200		1550	3020	F	ug/Kg	☼	118	57 - 110
Benzo[a]pyrene	2100		1550	3770		ug/Kg	☼	107	56 - 110
Benzo[b]fluoranthene	2500		1550	4460	F	ug/Kg	☼	127	50 - 110
Benzo[g,h,i]perylene	1900		1550	3110		ug/Kg	☼	79	54 - 117
Benzo[k]fluoranthene	1400		1550	3030		ug/Kg	☼	105	43 - 121
Chrysene	1500		1550	3750	F	ug/Kg	☼	144	54 - 110
Dibenz(a,h)anthracene	830		1550	2140		ug/Kg	☼	84	52 - 118
Fluoranthene	2600		1550	3940		ug/Kg	☼	86	55 - 113
Fluorene	59		1550	1370		ug/Kg	☼	85	52 - 112
Indeno[1,2,3-cd]pyrene	1400		1550	3150		ug/Kg	☼	111	53 - 116
Naphthalene	120		1550	1020		ug/Kg	☼	58	48 - 110
Phenanthrene	880		1550	2500		ug/Kg	☼	105	51 - 116
Pyrene	1300		1550	3490	F	ug/Kg	☼	141	50 - 112

Surrogate	MS %Recovery	MS Qualifier	Limits
2-Fluorobiphenyl	77		25 - 119
Nitrobenzene-d5 (Surr)	56		25 - 115
Terphenyl-d14 (Surr)	48		36 - 134

Lab Sample ID: 500-61811-21 MSD

Matrix: Solid

Analysis Batch: 201188

Client Sample ID: B-123 0-2'

Prep Type: Total/NA

Prep Batch: 200911

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
2-Methylnaphthalene	51	J	1500	1070		ug/Kg	☼	68	51 - 110	30	30
Acenaphthene	77		1500	867	F	ug/Kg	☼	53	53 - 110	35	30

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 500-61811-21 MSD

Matrix: Solid

Analysis Batch: 201188

Client Sample ID: B-123 0-2'

Prep Type: Total/NA

Prep Batch: 200911

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Acenaphthylene	52		1500	870		ug/Kg	*	54	51 - 110	28	30
Anthracene	220		1500	1150		ug/Kg	*	62	52 - 110	20	30
Benzo[a]anthracene	1200		1500	1920	F	ug/Kg	*	49	57 - 110	44	30
Benzo[a]pyrene	2100		1500	1850	F	ug/Kg	*	-18	56 - 110	68	30
Benzo[b]fluoranthene	2500		1500	3130	F	ug/Kg	*	42	50 - 110	35	30
Benzo[g,h,i]perylene	1900		1500	1590	F	ug/Kg	*	-19	54 - 117	65	30
Benzo[k]fluoranthene	1400		1500	943	F	ug/Kg	*	-31	43 - 121	105	30
Chrysene	1500		1500	2880		ug/Kg	*	90	54 - 110	26	30
Dibenz(a,h)anthracene	830		1500	1120	F	ug/Kg	*	19	52 - 118	63	30
Fluoranthene	2600		1500	2570	F	ug/Kg	*	-2	55 - 113	42	30
Fluorene	59		1500	1030		ug/Kg	*	65	52 - 112	28	30
Indeno[1,2,3-cd]pyrene	1400		1500	1320	F	ug/Kg	*	-8	53 - 116	82	30
Naphthalene	120		1500	798	F	ug/Kg	*	45	48 - 110	24	30
Phenanthrene	880		1500	1620	F	ug/Kg	*	49	51 - 116	43	30
Pyrene	1300		1500	2080	F	ug/Kg	*	51	50 - 112	51	30

Surrogate	MSD %Recovery	MSD Qualifier	Limits
2-Fluorobiphenyl	57		25 - 119
Nitrobenzene-d5 (Surr)	56		25 - 115
Terphenyl-d14 (Surr)	64		36 - 134

Lab Sample ID: MB 500-201106/1-A

Matrix: Solid

Analysis Batch: 201173

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 201106

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1-Methylnaphthalene	<17		33	17	ug/Kg		09/03/13 17:19	09/04/13 12:16	1
2-Methylnaphthalene	<43		170	43	ug/Kg		09/03/13 17:19	09/04/13 12:16	1
Acenaphthene	<9.9		33	9.9	ug/Kg		09/03/13 17:19	09/04/13 12:16	1
Acenaphthylene	<7.6		33	7.6	ug/Kg		09/03/13 17:19	09/04/13 12:16	1
Anthracene	<7.8		33	7.8	ug/Kg		09/03/13 17:19	09/04/13 12:16	1
Benzo[a]anthracene	<7.0		33	7.0	ug/Kg		09/03/13 17:19	09/04/13 12:16	1
Benzo[a]pyrene	<6.1		33	6.1	ug/Kg		09/03/13 17:19	09/04/13 12:16	1
Benzo[b]fluoranthene	<6.5		33	6.5	ug/Kg		09/03/13 17:19	09/04/13 12:16	1
Benzo[g,h,i]perylene	<11		33	11	ug/Kg		09/03/13 17:19	09/04/13 12:16	1
Benzo[k]fluoranthene	<7.9		33	7.9	ug/Kg		09/03/13 17:19	09/04/13 12:16	1
Chrysene	<7.5		33	7.5	ug/Kg		09/03/13 17:19	09/04/13 12:16	1
Dibenz(a,h)anthracene	<9.3		33	9.3	ug/Kg		09/03/13 17:19	09/04/13 12:16	1
Fluoranthene	<14		33	14	ug/Kg		09/03/13 17:19	09/04/13 12:16	1
Fluorene	<7.6		33	7.6	ug/Kg		09/03/13 17:19	09/04/13 12:16	1
Indeno[1,2,3-cd]pyrene	<11		33	11	ug/Kg		09/03/13 17:19	09/04/13 12:16	1
Naphthalene	<6.4		33	6.4	ug/Kg		09/03/13 17:19	09/04/13 12:16	1
Phenanthrene	<14		33	14	ug/Kg		09/03/13 17:19	09/04/13 12:16	1
Pyrene	<12		33	12	ug/Kg		09/03/13 17:19	09/04/13 12:16	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	64		25 - 119	09/03/13 17:19	09/04/13 12:16	1

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 500-201106/1-A
Matrix: Solid
Analysis Batch: 201173

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 201106

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
Nitrobenzene-d5 (Surr)	65		25 - 115	09/03/13 17:19	09/04/13 12:16	1
Terphenyl-d14 (Surr)	65		36 - 134	09/03/13 17:19	09/04/13 12:16	1

Lab Sample ID: LCS 500-201106/2-A
Matrix: Solid
Analysis Batch: 201173

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 201106

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.
							Limits
2-Methylnaphthalene	1330	704		ug/Kg		53	51 - 110
Acenaphthene	1330	795		ug/Kg		60	53 - 110
Acenaphthylene	1330	727		ug/Kg		55	51 - 110
Anthracene	1330	857		ug/Kg		64	52 - 110
Benzo[a]anthracene	1330	799		ug/Kg		60	57 - 110
Benzo[a]pyrene	1330	770		ug/Kg		58	56 - 110
Benzo[b]fluoranthene	1330	810		ug/Kg		61	50 - 110
Benzo[g,h,i]perylene	1330	831		ug/Kg		62	54 - 117
Benzo[k]fluoranthene	1330	778		ug/Kg		58	43 - 121
Chrysene	1330	848		ug/Kg		64	54 - 110
Dibenz(a,h)anthracene	1330	760		ug/Kg		57	52 - 118
Fluoranthene	1330	768		ug/Kg		58	55 - 113
Fluorene	1330	802		ug/Kg		60	52 - 112
Indeno[1,2,3-cd]pyrene	1330	735		ug/Kg		55	53 - 116
Naphthalene	1330	725		ug/Kg		54	48 - 110
Phenanthrene	1330	835		ug/Kg		63	51 - 116
Pyrene	1330	885		ug/Kg		66	50 - 112

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
2-Fluorobiphenyl	55		25 - 119
Nitrobenzene-d5 (Surr)	51		25 - 115
Terphenyl-d14 (Surr)	58		36 - 134

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

Lab Sample ID: MB 500-200838/1-A
Matrix: Solid
Analysis Batch: 201154

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 200838

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
PCB-1016	<5.9		17	5.9	ug/Kg		08/30/13 18:19	09/04/13 10:08	1
PCB-1221	<7.3		17	7.3	ug/Kg		08/30/13 18:19	09/04/13 10:08	1
PCB-1232	<7.3		17	7.3	ug/Kg		08/30/13 18:19	09/04/13 10:08	1
PCB-1242	<5.5		17	5.5	ug/Kg		08/30/13 18:19	09/04/13 10:08	1
PCB-1248	<6.6		17	6.6	ug/Kg		08/30/13 18:19	09/04/13 10:08	1
PCB-1254	<3.6		17	3.6	ug/Kg		08/30/13 18:19	09/04/13 10:08	1
PCB-1260	<8.2		17	8.2	ug/Kg		08/30/13 18:19	09/04/13 10:08	1

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

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

Lab Sample ID: MB 500-200838/1-A
Matrix: Solid
Analysis Batch: 201154

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 200838

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
Tetrachloro-m-xylene	76		50 - 116	08/30/13 18:19	09/04/13 10:08	1
DCB Decachlorobiphenyl	75		48 - 142	08/30/13 18:19	09/04/13 10:08	1

Lab Sample ID: LCS 500-200838/2-A
Matrix: Solid
Analysis Batch: 201154

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 200838

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.	
							Limits	Limits
PCB-1016	167	140		ug/Kg		84	59 - 110	
PCB-1260	167	143		ug/Kg		85	69 - 120	

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
Tetrachloro-m-xylene	82		50 - 116
DCB Decachlorobiphenyl	83		48 - 142

Lab Sample ID: 500-61811-1 MS
Matrix: Solid
Analysis Batch: 201154

Client Sample ID: B-118 0-2'
Prep Type: Total/NA
Prep Batch: 200838

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec.	
									Limits	Limits
PCB-1016	<6.3		177	149		ug/Kg	☼	84	59 - 110	
PCB-1260	<8.8		177	147		ug/Kg	☼	83	69 - 120	

Surrogate	MS MS		Limits
	%Recovery	Qualifier	
Tetrachloro-m-xylene	79		50 - 116
DCB Decachlorobiphenyl	80		48 - 142

Lab Sample ID: 500-61811-1 MSD
Matrix: Solid
Analysis Batch: 201154

Client Sample ID: B-118 0-2'
Prep Type: Total/NA
Prep Batch: 200838

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec.		RPD	
									Limits	Limits	RPD	Limit
PCB-1016	<6.3		179	159		ug/Kg	☼	89	59 - 110	7	30	
PCB-1260	<8.8		179	155		ug/Kg	☼	86	69 - 120	5	30	

Surrogate	MSD MSD		Limits
	%Recovery	Qualifier	
Tetrachloro-m-xylene	84		50 - 116
DCB Decachlorobiphenyl	83		48 - 142

Lab Sample ID: MB 500-201121/1-A
Matrix: Solid
Analysis Batch: 201154

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 201121

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
PCB-1016	<5.9		17	5.9	ug/Kg		09/03/13 21:31	09/04/13 16:03	1
PCB-1221	<7.3		17	7.3	ug/Kg		09/03/13 21:31	09/04/13 16:03	1
PCB-1232	<7.3		17	7.3	ug/Kg		09/03/13 21:31	09/04/13 16:03	1

TestAmerica Chicago

QC Sample Results

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

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

Lab Sample ID: MB 500-201121/1-A

Matrix: Solid

Analysis Batch: 201154

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 201121

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1242	<5.5		17	5.5	ug/Kg		09/03/13 21:31	09/04/13 16:03	1
PCB-1248	<6.6		17	6.6	ug/Kg		09/03/13 21:31	09/04/13 16:03	1
PCB-1254	<3.6		17	3.6	ug/Kg		09/03/13 21:31	09/04/13 16:03	1
PCB-1260	<8.2		17	8.2	ug/Kg		09/03/13 21:31	09/04/13 16:03	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	74		50 - 116	09/03/13 21:31	09/04/13 16:03	1
DCB Decachlorobiphenyl	78		48 - 142	09/03/13 21:31	09/04/13 16:03	1

Lab Sample ID: LCS 500-201121/2-A

Matrix: Solid

Analysis Batch: 201154

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 201121

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	167	136		ug/Kg		81	59 - 110
PCB-1260	167	140		ug/Kg		84	69 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	87		50 - 116
DCB Decachlorobiphenyl	93		48 - 142

Lab Chronicle

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-118 0-2'

Lab Sample ID: 500-61811-1

Date Collected: 08/19/13 10:50

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 90.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			199846	08/19/13 10:50	WRE	TAL CHI
Total/NA	Analysis	8260B		50	200518	08/29/13 14:03	BDA	TAL CHI
Total/NA	Prep	3541			200842	08/30/13 20:36	DEA	TAL CHI
Total/NA	Analysis	8270D		1	201188	09/04/13 18:03	WDS	TAL CHI
Total/NA	Prep	3541			200838	08/30/13 18:19	DEA	TAL CHI
Total/NA	Analysis	8082		1	201154	09/04/13 10:35	GMO	TAL CHI
Total/NA	Analysis	Moisture		1	199811	08/24/13 13:07	CMV	TAL CHI

Client Sample ID: B-118 4-6'

Lab Sample ID: 500-61811-2

Date Collected: 08/19/13 10:50

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 87.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			199846	08/19/13 10:50	WRE	TAL CHI
Total/NA	Analysis	8260B		50	200518	08/29/13 14:28	BDA	TAL CHI
Total/NA	Prep	3541			200842	08/30/13 20:36	DEA	TAL CHI
Total/NA	Analysis	8270D		1	201188	09/04/13 18:22	WDS	TAL CHI
Total/NA	Prep	3541			200838	08/30/13 18:19	DEA	TAL CHI
Total/NA	Analysis	8082		1	201154	09/04/13 11:16	GMO	TAL CHI
Total/NA	Analysis	Moisture		1	199811	08/24/13 13:07	CMV	TAL CHI

Client Sample ID: B-118 8-10'

Lab Sample ID: 500-61811-3

Date Collected: 08/19/13 11:00

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 83.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			199846	08/19/13 11:00	WRE	TAL CHI
Total/NA	Analysis	8260B		50	200518	08/29/13 14:53	BDA	TAL CHI
Total/NA	Prep	3541			200842	08/30/13 20:36	DEA	TAL CHI
Total/NA	Analysis	8270D		1	201188	09/04/13 18:42	WDS	TAL CHI
Total/NA	Prep	3541			200838	08/30/13 18:19	DEA	TAL CHI
Total/NA	Analysis	8082		1	201154	09/04/13 11:30	GMO	TAL CHI
Total/NA	Analysis	Moisture		1	199811	08/24/13 13:07	CMV	TAL CHI

Client Sample ID: B-118 13-15'

Lab Sample ID: 500-61811-4

Date Collected: 08/19/13 11:10

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 81.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			199846	08/19/13 11:10	WRE	TAL CHI
Total/NA	Analysis	8260B		50	200518	08/29/13 15:18	BDA	TAL CHI
Total/NA	Prep	3541			200842	08/30/13 20:36	DEA	TAL CHI
Total/NA	Analysis	8270D		1	201188	09/04/13 19:01	WDS	TAL CHI

TestAmerica Chicago

Lab Chronicle

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-118 13-15'

Lab Sample ID: 500-61811-4

Date Collected: 08/19/13 11:10

Matrix: Solid

Date Received: 08/24/13 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	199811	08/24/13 13:07	CMV	TAL CHI

Client Sample ID: B-119 0-2'

Lab Sample ID: 500-61811-5

Date Collected: 08/19/13 11:30

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 85.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			199846	08/19/13 11:30	WRE	TAL CHI
Total/NA	Analysis	8260B		50	200518	08/29/13 15:42	BDA	TAL CHI
Total/NA	Prep	3541			200842	08/30/13 20:36	DEA	TAL CHI
Total/NA	Analysis	8270D		1	201188	09/04/13 19:21	WDS	TAL CHI
Total/NA	Prep	3541			200838	08/30/13 18:19	DEA	TAL CHI
Total/NA	Analysis	8082		1	201154	09/04/13 11:43	GMO	TAL CHI
Total/NA	Analysis	Moisture		1	199811	08/24/13 13:07	CMV	TAL CHI

Client Sample ID: B-119 4-6'

Lab Sample ID: 500-61811-6

Date Collected: 08/19/13 11:30

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 83.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			199846	08/19/13 11:30	WRE	TAL CHI
Total/NA	Analysis	8260B		50	200518	08/29/13 16:08	BDA	TAL CHI
Total/NA	Prep	5035	DL		199846	08/19/13 11:30	WRE	TAL CHI
Total/NA	Analysis	8260B	DL	500	200695	08/30/13 10:57	BDA	TAL CHI
Total/NA	Prep	3541			200842	08/30/13 20:36	DEA	TAL CHI
Total/NA	Analysis	8270D		1	201188	09/04/13 19:40	WDS	TAL CHI
Total/NA	Prep	3541	DL		200842	08/30/13 20:36	DEA	TAL CHI
Total/NA	Analysis	8270D	DL	10	201405	09/05/13 21:00	WDS	TAL CHI
Total/NA	Prep	3541			200838	08/30/13 18:19	DEA	TAL CHI
Total/NA	Analysis	8082		1	201154	09/04/13 11:57	GMO	TAL CHI
Total/NA	Analysis	Moisture		1	199811	08/24/13 13:07	CMV	TAL CHI

Client Sample ID: B-119 8-10'

Lab Sample ID: 500-61811-7

Date Collected: 08/19/13 11:45

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 85.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			199846	08/19/13 11:45	WRE	TAL CHI
Total/NA	Analysis	8260B		50	200518	08/29/13 16:32	BDA	TAL CHI
Total/NA	Prep	3541			200842	08/30/13 20:36	DEA	TAL CHI
Total/NA	Analysis	8270D		1	201188	09/04/13 19:59	WDS	TAL CHI
Total/NA	Prep	3541			200838	08/30/13 18:19	DEA	TAL CHI
Total/NA	Analysis	8082		1	201154	09/04/13 12:11	GMO	TAL CHI

TestAmerica Chicago

Lab Chronicle

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-119 8-10'

Lab Sample ID: 500-61811-7

Date Collected: 08/19/13 11:45

Matrix: Solid

Date Received: 08/24/13 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	199811	08/24/13 13:07	CMV	TAL CHI

Client Sample ID: B-119 13-15'

Lab Sample ID: 500-61811-8

Date Collected: 08/19/13 12:00

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 86.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			199846	08/19/13 12:00	WRE	TAL CHI
Total/NA	Analysis	8260B		50	200518	08/29/13 16:57	BDA	TAL CHI
Total/NA	Prep	3541			200842	08/30/13 20:36	DEA	TAL CHI
Total/NA	Analysis	8270D		1	201188	09/04/13 20:19	WDS	TAL CHI
Total/NA	Analysis	Moisture		1	199811	08/24/13 13:07	CMV	TAL CHI

Client Sample ID: B-120 0-2'

Lab Sample ID: 500-61811-9

Date Collected: 08/19/13 12:15

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 89.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			199846	08/19/13 12:15	WRE	TAL CHI
Total/NA	Analysis	8260B		50	200518	08/29/13 17:22	BDA	TAL CHI
Total/NA	Prep	3541			200842	08/30/13 20:36	DEA	TAL CHI
Total/NA	Analysis	8270D		1	201188	09/04/13 20:38	WDS	TAL CHI
Total/NA	Prep	3541			200838	08/30/13 18:19	DEA	TAL CHI
Total/NA	Analysis	8082		1	201154	09/04/13 12:38	GMO	TAL CHI
Total/NA	Analysis	Moisture		1	199811	08/24/13 13:07	CMV	TAL CHI

Client Sample ID: B-120 4-6'

Lab Sample ID: 500-61811-10

Date Collected: 08/19/13 12:15

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 85.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			199846	08/19/13 12:15	WRE	TAL CHI
Total/NA	Analysis	8260B		50	200518	08/29/13 17:46	BDA	TAL CHI
Total/NA	Prep	3541			200842	08/30/13 20:36	DEA	TAL CHI
Total/NA	Analysis	8270D		1	201188	09/04/13 20:57	WDS	TAL CHI
Total/NA	Prep	3541			200838	08/30/13 18:19	DEA	TAL CHI
Total/NA	Analysis	8082		1	201154	09/04/13 12:52	GMO	TAL CHI
Total/NA	Analysis	Moisture		1	199811	08/24/13 13:07	CMV	TAL CHI

Lab Chronicle

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-120 8-10'

Lab Sample ID: 500-61811-11

Date Collected: 08/19/13 12:30

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 85.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			199846	08/19/13 12:30	WRE	TAL CHI
Total/NA	Analysis	8260B		50	200518	08/29/13 18:11	BDA	TAL CHI
Total/NA	Prep	3541			200842	08/30/13 20:36	DEA	TAL CHI
Total/NA	Analysis	8270D		1	201188	09/04/13 21:17	WDS	TAL CHI
Total/NA	Prep	3541			200838	08/30/13 18:19	DEA	TAL CHI
Total/NA	Analysis	8082		1	201154	09/04/13 13:05	GMO	TAL CHI
Total/NA	Analysis	Moisture		1	199811	08/24/13 13:07	CMV	TAL CHI

Client Sample ID: B-120 13-15'

Lab Sample ID: 500-61811-12

Date Collected: 08/19/13 12:45

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 83.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			199846	08/19/13 12:45	WRE	TAL CHI
Total/NA	Analysis	8260B		50	200518	08/29/13 18:36	BDA	TAL CHI
Total/NA	Prep	3541			200842	08/30/13 20:36	DEA	TAL CHI
Total/NA	Analysis	8270D		1	201188	09/04/13 21:36	WDS	TAL CHI
Total/NA	Analysis	Moisture		1	199811	08/24/13 13:07	CMV	TAL CHI

Client Sample ID: B-121 0-2'

Lab Sample ID: 500-61811-13

Date Collected: 08/20/13 13:20

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 86.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			199886	08/25/13 17:03	WRE	TAL CHI
Total/NA	Analysis	8260B		50	200518	08/29/13 19:00	BDA	TAL CHI
Total/NA	Prep	3541			200842	08/30/13 20:36	DEA	TAL CHI
Total/NA	Analysis	8270D		5	201188	09/04/13 21:55	WDS	TAL CHI
Total/NA	Prep	3541	DL		200842	08/30/13 20:36	DEA	TAL CHI
Total/NA	Analysis	8270D	DL	50	201405	09/05/13 21:19	WDS	TAL CHI
Total/NA	Prep	3541			200838	08/30/13 18:19	DEA	TAL CHI
Total/NA	Analysis	8082		1	201154	09/04/13 13:19	GMO	TAL CHI
Total/NA	Analysis	Moisture		1	199811	08/24/13 13:07	CMV	TAL CHI

Client Sample ID: B-121 4-6'

Lab Sample ID: 500-61811-14

Date Collected: 08/20/13 13:20

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 83.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			199846	08/20/13 13:20	WRE	TAL CHI
Total/NA	Analysis	8260B		50	200573	08/29/13 23:16	BDA	TAL CHI
Total/NA	Prep	3541			200842	08/30/13 20:36	DEA	TAL CHI
Total/NA	Analysis	8270D		5	201188	09/04/13 22:15	WDS	TAL CHI

TestAmerica Chicago

Lab Chronicle

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-121 4-6'

Lab Sample ID: 500-61811-14

Date Collected: 08/20/13 13:20

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 83.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541	DL		200842	08/30/13 20:36	DEA	TAL CHI
Total/NA	Analysis	8270D	DL	50	201405	09/05/13 21:39	WDS	TAL CHI
Total/NA	Prep	3541			200838	08/30/13 18:19	DEA	TAL CHI
Total/NA	Analysis	8082		1	201154	09/04/13 13:33	GMO	TAL CHI
Total/NA	Analysis	Moisture		1	199811	08/24/13 13:07	CMV	TAL CHI

Client Sample ID: B-121 10-11'

Lab Sample ID: 500-61811-15

Date Collected: 08/20/13 13:30

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 87.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			199846	08/20/13 13:30	WRE	TAL CHI
Total/NA	Analysis	8260B		50	200573	08/29/13 23:40	BDA	TAL CHI
Total/NA	Prep	3541			200842	08/30/13 20:36	DEA	TAL CHI
Total/NA	Analysis	8270D		1	201188	09/04/13 22:34	WDS	TAL CHI
Total/NA	Prep	3541			200838	08/30/13 18:19	DEA	TAL CHI
Total/NA	Analysis	8082		1	201154	09/04/13 13:46	GMO	TAL CHI
Total/NA	Analysis	Moisture		1	199811	08/24/13 13:07	CMV	TAL CHI

Client Sample ID: B-121 13-15'

Lab Sample ID: 500-61811-16

Date Collected: 08/20/13 13:40

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 86.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			199846	08/20/13 13:40	WRE	TAL CHI
Total/NA	Analysis	8260B		50	200573	08/30/13 00:05	BDA	TAL CHI
Total/NA	Prep	3541			200842	08/30/13 20:36	DEA	TAL CHI
Total/NA	Analysis	8270D		1	201188	09/04/13 22:53	WDS	TAL CHI
Total/NA	Analysis	Moisture		1	199811	08/24/13 13:07	CMV	TAL CHI

Client Sample ID: B-122 0-2'

Lab Sample ID: 500-61811-17

Date Collected: 08/20/13 11:30

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 87.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			199846	08/20/13 11:30	WRE	TAL CHI
Total/NA	Analysis	8260B		50	200573	08/30/13 00:30	BDA	TAL CHI
Total/NA	Prep	3541			200842	08/30/13 20:36	DEA	TAL CHI
Total/NA	Analysis	8270D		1	201188	09/04/13 23:12	WDS	TAL CHI
Total/NA	Prep	3541	DL		200842	08/30/13 20:36	DEA	TAL CHI
Total/NA	Analysis	8270D	DL	5	201405	09/05/13 21:58	WDS	TAL CHI
Total/NA	Prep	3541			200838	08/30/13 18:19	DEA	TAL CHI
Total/NA	Analysis	8082		1	201154	09/04/13 14:00	GMO	TAL CHI

TestAmerica Chicago

Lab Chronicle

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-122 0-2'

Lab Sample ID: 500-61811-17

Date Collected: 08/20/13 11:30

Matrix: Solid

Date Received: 08/24/13 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	199813	08/24/13 13:41	CMV	TAL CHI

Client Sample ID: B-122 4-6'

Lab Sample ID: 500-61811-18

Date Collected: 08/20/13 11:30

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 84.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			199846	08/20/13 11:30	WRE	TAL CHI
Total/NA	Analysis	8260B		50	200573	08/30/13 00:54	BDA	TAL CHI
Total/NA	Prep	3541			200842	08/30/13 20:36	DEA	TAL CHI
Total/NA	Analysis	8270D		1	201405	09/05/13 22:17	WDS	TAL CHI
Total/NA	Prep	3541	DL		200842	08/30/13 20:36	DEA	TAL CHI
Total/NA	Analysis	8270D	DL	5	201554	09/06/13 20:53	WDS	TAL CHI
Total/NA	Prep	3541			200838	08/30/13 18:19	DEA	TAL CHI
Total/NA	Analysis	8082		1	201154	09/04/13 14:13	GMO	TAL CHI
Total/NA	Analysis	Moisture		1	199813	08/24/13 13:41	CMV	TAL CHI

Client Sample ID: B-122 8-10'

Lab Sample ID: 500-61811-19

Date Collected: 08/20/13 11:40

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 80.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			199846	08/20/13 11:40	WRE	TAL CHI
Total/NA	Analysis	8260B		50	200573	08/30/13 01:19	BDA	TAL CHI
Total/NA	Prep	3541			200842	08/30/13 20:36	DEA	TAL CHI
Total/NA	Analysis	8270D		1	201405	09/05/13 22:36	WDS	TAL CHI
Total/NA	Prep	3541			200838	08/30/13 18:19	DEA	TAL CHI
Total/NA	Analysis	8082		1	201154	09/04/13 14:27	GMO	TAL CHI
Total/NA	Analysis	Moisture		1	199813	08/24/13 13:41	CMV	TAL CHI

Client Sample ID: B-122 13-15'

Lab Sample ID: 500-61811-20

Date Collected: 08/20/13 11:50

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 85.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			199846	08/20/13 11:50	WRE	TAL CHI
Total/NA	Analysis	8260B		50	200573	08/30/13 01:44	BDA	TAL CHI
Total/NA	Prep	3541			201106	09/03/13 17:19	DEA	TAL CHI
Total/NA	Analysis	8270D		1	201188	09/04/13 15:46	WDS	TAL CHI
Total/NA	Analysis	Moisture		1	199813	08/24/13 13:41	CMV	TAL CHI

Lab Chronicle

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-123 0-2'

Lab Sample ID: 500-61811-21

Date Collected: 08/20/13 11:00

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 85.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			199847	08/20/13 11:00	WRE	TAL CHI
Total/NA	Analysis	8260B		50	200573	08/30/13 02:08	BDA	TAL CHI
Total/NA	Prep	3541			200911	09/01/13 21:51	DEA	TAL CHI
Total/NA	Analysis	8270D		1	201188	09/04/13 13:12	WDS	TAL CHI
Total/NA	Prep	3541			200838	08/30/13 18:19	DEA	TAL CHI
Total/NA	Analysis	8082		1	201154	09/04/13 14:41	GMO	TAL CHI
Total/NA	Analysis	Moisture		1	199813	08/24/13 13:41	CMV	TAL CHI

Client Sample ID: B-123 4-6'

Lab Sample ID: 500-61811-22

Date Collected: 08/20/13 11:00

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 89.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			199847	08/20/13 11:00	WRE	TAL CHI
Total/NA	Analysis	8260B		50	200573	08/30/13 02:33	BDA	TAL CHI
Total/NA	Prep	3541			200911	09/01/13 21:51	DEA	TAL CHI
Total/NA	Analysis	8270D		1	201188	09/04/13 13:31	WDS	TAL CHI
Total/NA	Prep	3541	DL		200911	09/01/13 21:51	DEA	TAL CHI
Total/NA	Analysis	8270D	DL	5	201405	09/05/13 22:55	WDS	TAL CHI
Total/NA	Prep	3541			200838	08/30/13 18:19	DEA	TAL CHI
Total/NA	Analysis	8082		1	201154	09/04/13 14:55	GMO	TAL CHI
Total/NA	Analysis	Moisture		1	199813	08/24/13 13:41	CMV	TAL CHI

Client Sample ID: B-123 8-10'

Lab Sample ID: 500-61811-23

Date Collected: 08/20/13 11:10

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 84.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			199847	08/20/13 11:10	WRE	TAL CHI
Total/NA	Analysis	8260B		50	200573	08/30/13 02:57	BDA	TAL CHI
Total/NA	Prep	3541			200911	09/01/13 21:51	DEA	TAL CHI
Total/NA	Analysis	8270D		1	201188	09/04/13 13:50	WDS	TAL CHI
Total/NA	Prep	3541	DL		200911	09/01/13 21:51	DEA	TAL CHI
Total/NA	Analysis	8270D	DL	10	201405	09/05/13 23:14	WDS	TAL CHI
Total/NA	Prep	3541			200838	08/30/13 18:19	DEA	TAL CHI
Total/NA	Analysis	8082		1	201154	09/04/13 15:08	GMO	TAL CHI
Total/NA	Analysis	Moisture		1	199813	08/24/13 13:41	CMV	TAL CHI

Lab Chronicle

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-123 13-15'

Lab Sample ID: 500-61811-24

Date Collected: 08/20/13 11:20

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 85.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			199847	08/20/13 11:20	WRE	TAL CHI
Total/NA	Analysis	8260B		50	200573	08/30/13 03:22	BDA	TAL CHI
Total/NA	Prep	3541			200911	09/01/13 21:51	DEA	TAL CHI
Total/NA	Analysis	8270D		1	201188	09/04/13 14:09	WDS	TAL CHI
Total/NA	Analysis	Moisture		1	199813	08/24/13 13:41	CMV	TAL CHI

Client Sample ID: B-124 0-3'

Lab Sample ID: 500-61811-25

Date Collected: 08/20/13 09:30

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 83.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			199847	08/20/13 09:30	WRE	TAL CHI
Total/NA	Analysis	8260B		50	200573	08/30/13 03:47	BDA	TAL CHI
Total/NA	Prep	3541			200911	09/01/13 21:51	DEA	TAL CHI
Total/NA	Analysis	8270D		1	201188	09/04/13 14:29	WDS	TAL CHI
Total/NA	Prep	3541			200838	08/30/13 18:19	DEA	TAL CHI
Total/NA	Analysis	8082		1	201154	09/04/13 15:22	GMO	TAL CHI
Total/NA	Analysis	Moisture		1	199813	08/24/13 13:41	CMV	TAL CHI

Client Sample ID: B-124 4-6'

Lab Sample ID: 500-61811-26

Date Collected: 08/20/13 09:30

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 86.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			199847	08/20/13 09:30	WRE	TAL CHI
Total/NA	Analysis	8260B		500	200573	08/30/13 04:11	BDA	TAL CHI
Total/NA	Prep	5035	DL		199847	08/20/13 09:30	WRE	TAL CHI
Total/NA	Analysis	8260B	DL	20000	200695	08/30/13 11:22	BDA	TAL CHI
Total/NA	Prep	3541			200911	09/01/13 21:51	DEA	TAL CHI
Total/NA	Analysis	8270D		1000	201405	09/05/13 23:33	WDS	TAL CHI
Total/NA	Prep	3541			200838	08/30/13 18:19	DEA	TAL CHI
Total/NA	Analysis	8082		1	201154	09/04/13 15:36	GMO	TAL CHI
Total/NA	Analysis	Moisture		1	199813	08/24/13 13:41	CMV	TAL CHI

Client Sample ID: B-124 8-10'

Lab Sample ID: 500-61811-27

Date Collected: 08/20/13 09:40

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 83.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			199847	08/20/13 09:40	WRE	TAL CHI
Total/NA	Analysis	8260B		200	200573	08/30/13 05:00	BDA	TAL CHI
Total/NA	Prep	5035	DL		199847	08/20/13 09:40	WRE	TAL CHI
Total/NA	Analysis	8260B	DL	2000	200573	08/30/13 05:25	BDA	TAL CHI

TestAmerica Chicago

Lab Chronicle

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-124 8-10'

Lab Sample ID: 500-61811-27

Date Collected: 08/20/13 09:40

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 83.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3541			200911	09/01/13 21:51	DEA	TAL CHI
Total/NA	Analysis	8270D		20	201405	09/05/13 23:51	WDS	TAL CHI
Total/NA	Prep	3541	DL		200911	09/01/13 21:51	DEA	TAL CHI
Total/NA	Analysis	8270D	DL	50	201554	09/06/13 21:29	WDS	TAL CHI
Total/NA	Prep	3541			201121	09/03/13 21:31	DEA	TAL CHI
Total/NA	Analysis	8082		1	201154	09/04/13 20:09	GMO	TAL CHI
Total/NA	Analysis	Moisture		1	199813	08/24/13 13:41	CMV	TAL CHI

Client Sample ID: B-124 13-15'

Lab Sample ID: 500-61811-28

Date Collected: 08/20/13 09:50

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 83.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			199847	08/20/13 09:50	WRE	TAL CHI
Total/NA	Analysis	8260B		50	200573	08/30/13 05:50	BDA	TAL CHI
Total/NA	Prep	3541			200911	09/01/13 21:51	DEA	TAL CHI
Total/NA	Analysis	8270D		1	201188	09/04/13 15:27	WDS	TAL CHI
Total/NA	Prep	3541	DL		200911	09/01/13 21:51	DEA	TAL CHI
Total/NA	Analysis	8270D	DL	5	201806	09/09/13 17:02	GES	TAL CHI
Total/NA	Analysis	Moisture		1	199813	08/24/13 13:41	CMV	TAL CHI

Client Sample ID: B-124 18-20'

Lab Sample ID: 500-61811-29

Date Collected: 08/20/13 10:00

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 86.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			199847	08/20/13 10:00	WRE	TAL CHI
Total/NA	Analysis	8260B		50	200573	08/30/13 06:15	BDA	TAL CHI
Total/NA	Prep	3541			200911	09/01/13 21:51	DEA	TAL CHI
Total/NA	Analysis	8270D		1	201188	09/04/13 16:06	WDS	TAL CHI
Total/NA	Analysis	Moisture		1	199813	08/24/13 13:41	CMV	TAL CHI

Client Sample ID: B-125 0-2'

Lab Sample ID: 500-61811-30

Date Collected: 08/20/13 12:30

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 87.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			199847	08/20/13 12:30	WRE	TAL CHI
Total/NA	Analysis	8260B		50	200695	08/30/13 11:46	BDA	TAL CHI
Total/NA	Prep	3541			200911	09/01/13 21:51	DEA	TAL CHI
Total/NA	Analysis	8270D		1	201188	09/04/13 16:25	WDS	TAL CHI
Total/NA	Prep	3541			201121	09/03/13 21:31	DEA	TAL CHI
Total/NA	Analysis	8082		1	201154	09/04/13 20:23	GMO	TAL CHI

TestAmerica Chicago

Lab Chronicle

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-125 0-2'

Lab Sample ID: 500-61811-30

Date Collected: 08/20/13 12:30

Matrix: Solid

Date Received: 08/24/13 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	199813	08/24/13 13:41	CMV	TAL CHI

Client Sample ID: B-125 4-6'

Lab Sample ID: 500-61811-31

Date Collected: 08/20/13 12:30

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 85.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			199847	08/20/13 12:30	WRE	TAL CHI
Total/NA	Analysis	8260B		50	200695	08/30/13 12:11	BDA	TAL CHI
Total/NA	Prep	3541			200911	09/01/13 21:51	DEA	TAL CHI
Total/NA	Analysis	8270D		1	201188	09/04/13 16:45	WDS	TAL CHI
Total/NA	Prep	3541			201121	09/03/13 21:31	DEA	TAL CHI
Total/NA	Analysis	8082		1	201154	09/04/13 20:36	GMO	TAL CHI
Total/NA	Analysis	Moisture		1	199813	08/24/13 13:41	CMV	TAL CHI

Client Sample ID: B-125 8-10'

Lab Sample ID: 500-61811-32

Date Collected: 08/20/13 12:40

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 86.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			199847	08/20/13 12:40	WRE	TAL CHI
Total/NA	Analysis	8260B		1000	200695	08/30/13 12:35	BDA	TAL CHI
Total/NA	Prep	5035	DL		199847	08/20/13 12:40	WRE	TAL CHI
Total/NA	Analysis	8260B	DL	10000	200695	08/30/13 13:00	BDA	TAL CHI
Total/NA	Prep	3541			200911	09/01/13 21:51	DEA	TAL CHI
Total/NA	Analysis	8270D		100	201405	09/06/13 00:10	WDS	TAL CHI
Total/NA	Prep	3541			201121	09/03/13 21:31	DEA	TAL CHI
Total/NA	Analysis	8082		10	201154	09/04/13 20:50	GMO	TAL CHI
Total/NA	Analysis	Moisture		1	199813	08/24/13 13:41	CMV	TAL CHI

Client Sample ID: B-125 13-15'

Lab Sample ID: 500-61811-33

Date Collected: 08/20/13 12:50

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 85.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			199847	08/20/13 12:50	WRE	TAL CHI
Total/NA	Analysis	8260B		50	200695	08/30/13 13:24	BDA	TAL CHI
Total/NA	Prep	3541			200911	09/01/13 21:51	DEA	TAL CHI
Total/NA	Analysis	8270D		1	201188	09/04/13 17:24	WDS	TAL CHI
Total/NA	Analysis	Moisture		1	199813	08/24/13 13:41	CMV	TAL CHI

Lab Chronicle

Client: Tetra Tech GEO
 Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Client Sample ID: B-125 18-20'

Lab Sample ID: 500-61811-34

Date Collected: 08/20/13 13:00

Matrix: Solid

Date Received: 08/24/13 09:20

Percent Solids: 81.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			199847	08/20/13 13:00	WRE	TAL CHI
Total/NA	Analysis	8260B		50	200695	08/30/13 13:49	BDA	TAL CHI
Total/NA	Prep	3541			200911	09/01/13 21:51	DEA	TAL CHI
Total/NA	Analysis	8270D		1	201188	09/04/13 17:43	WDS	TAL CHI
Total/NA	Analysis	Moisture		1	199813	08/24/13 13:41	CMV	TAL CHI

Client Sample ID: Trip Blank

Lab Sample ID: 500-61811-35

Date Collected: 08/19/13 00:00

Matrix: Solid

Date Received: 08/24/13 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			199847	08/20/13 00:00	WRE	TAL CHI
Total/NA	Analysis	8260B		50	200695	08/30/13 14:14	BDA	TAL CHI

Client Sample ID: Trip Blank

Lab Sample ID: 500-61811-36

Date Collected: 08/20/13 00:00

Matrix: Solid

Date Received: 08/24/13 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			199847	08/20/13 00:00	WRE	TAL CHI
Total/NA	Analysis	8260B		50	200695	08/30/13 14:39	BDA	TAL CHI

Laboratory References:

TAL CHI = TestAmerica Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

Certification Summary

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek 117-2201313.03

TestAmerica Job ID: 500-61811-1

Laboratory: TestAmerica Chicago

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Alabama	State Program	4	40461	04-30-14
California	NELAP	9	01132CA	04-30-14
Georgia	State Program	4	N/A	04-30-14
Hawaii	State Program	9	N/A	04-30-14
Illinois	NELAP	5	100201	04-30-14
Indiana	State Program	5	C-IL-02	04-30-14
Iowa	State Program	7	82	05-01-14
Kansas	NELAP	7	E-10161	10-31-13
Kentucky	State Program	4	90023	12-31-13
Kentucky (UST)	State Program	4	66	04-30-14
Louisiana	NELAP	6	30720	06-30-14
Massachusetts	State Program	1	M-IL035	06-30-14
Mississippi	State Program	4	N/A	04-30-14
North Carolina DENR	State Program	4	291	12-31-13
North Dakota	State Program	8	R-194	04-30-14
Oklahoma	State Program	6	8908	08-31-14
South Carolina	State Program	4	77001	09-30-13 *
Texas	NELAP	6	T104704252-09-TX	02-28-14
USDA	Federal		P330-12-00038	02-06-15
Wisconsin	State Program	5	999580010	08-31-14
Wyoming	State Program	8	8TMS-Q	04-30-14

* Expired certification is currently pending renewal and is considered valid.

TestAmerica Chicago

TestAmerica

THE LEADER IN ENVIRONMENTAL

2417 Bond Street, University Park, IL 604
Phone: 708.534.5200 Fax: 708.534.1



500-61811 COC

Report To (optional) MICHAEL NOEL
 Contact: MICHAEL NOEL
 Company: TETRA TECH
 Address: 175 N. CARPENTER DR SUITE 100
 Address: BROOKFIELD, WI. 53045
 Phone: (262) 792-1292
 Fax: (262) 792-1310
 E-Mail:

Bill To (optional) SAME AS REPORT TO
 Contact: SAME AS REPORT TO
 Company:
 Address:
 Address:
 Phone:
 Fax:
 PO#/Reference#

Chain of Custody Record

Lab Job #: 500-61811

Chain of Custody Number: _____

Page 1 of 4

Temperature °C of Cooler: (4.7)(3.8)(3.7)(4.0)

Client		Client Project #		Preservative		Parameter		Matrix		Comments	
<u>TETRA TECH</u>		<u>117-2201313.03</u>		<u>MECH</u>		<u>8 8 8 8</u>		<u>NOCS 8/10/13</u>		<u>PAHS 8/270</u>	
Project Name		Lab Project #		# of Containers		Matrix		Preservative Key		Comments	
<u>BEAVER OAK CREEK WABASH ALLOYS</u>		<u>OAK CREEK, WI.</u>		4		<u>S</u>		<ol style="list-style-type: none"> 1. HCL, Cool to 4° 2. H2SO4, Cool to 4° 3. HNO3, Cool to 4° 4. NaOH, Cool to 4° 5. NaOH/Zn, Cool to 4° 6. NaHSO4 7. Cool to 4° 8. None 9. Other 			
Project Location/State		Lab BM		Date		Time		%		Solids	
<u>OAK CREEK, WI.</u>		<u>SANDIE FREDRICK</u>		<u>8-19</u>		<u>10:50</u>		<u>4</u>		<u>5</u>	
Sampler		Lab BM		Date		Time		%		Solids	
<u>TOM M. THOMPSON</u>		<u>SANDIE FREDRICK</u>		<u>8-19</u>		<u>10:50</u>		<u>4</u>		<u>5</u>	
1	B-118	0-2'	8-19	10:50	4	S	✓	✓	✓	✓	✓
2	B-118	4-6'	8-19	10:50	4		✓	✓	✓	✓	✓
3	B-118	8-10'	8-19	11:00	4		✓	✓	✓	✓	✓
4	B-118	13-15'	8-19	11:10	3		✓	✓	✓	✓	✓
5	B-119	0-2'	8-19	11:30	4		✓	✓	✓	✓	✓
6	B-119	4-6'	8-19	11:45	4		✓	✓	✓	✓	Time: 11:30 Tmt
7	B-119	8-10'	8-19	12:00	4		✓	✓	✓	✓	Time: 11:45 Tmt
8	B-119	13-15'	8-19	12:00	3		✓	✓	✓	✓	
9	B-120	0-2'	8-19	12:15	4		✓	✓	✓	✓	
10	B-120	4-6'	8-19	12:15	4		✓	✓	✓	✓	

Turnaround Time Required (Business Days)

1 Day 2 Days 5 Days 7 Days 10 Days 15 Days Other

Requested Due Date STANDARD

Sample Disposal

Return to Client

Disposal by Lab

Archive for _____ Months

(A fee may be assessed if samples are retained longer than 1 month)

Relinquished By <u>[Signature]</u>	Company <u>TETRA TECH</u>	Date <u>8-23-13</u>	Time <u>17:00</u>	Received By <u>[Signature]</u>	Company <u>TA</u>	Date <u>8/24/13</u>	Time <u>0920</u>	Lab Courier <u>FEDEX</u>
Relinquished By	Company	Date	Time	Received By	Company	Date	Time	Shipped
Relinquished By	Company	Date	Time	Received By	Company	Date	Time	Hand Delivered

- Matrix Key
- WW - Wastewater
 - W - Water
 - S - Soil
 - SL - Sludge
 - MS - Miscellaneous
 - OL - Oil
 - A - Air
 - SE - Sediment
 - SO - Soil
 - L - Leachate
 - WI - Wipe
 - DW - Drinking Water
 - O - Other

Client Comments:

Lab Comments:

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

2417 Bond Street, University Park, IL 60484
Phone: 708.534.5200 Fax: 708.534.5211

Report To (optional)
Contact: MICHAEL NOEL
Company: TETRA TECH
Address: 175 N. CANTON DR. SUITE 100
Address: BROOKFIELD, IL 60455
Phone: (630) 792-1282
Fax: (630) 792-1310
E-Mail:

Bill To (optional)
Contact: SAME AS REPORT TO:
Company:
Address:
Address:
Phone:
Fax:
PO#/Reference#

Chain of Custody Record

Lab Job #: 500-61811
Chain of Custody Number:
Page 2 of 4
Temperature °C of Cooler:

Client		Client Project #		Preservative		Parameter		Matrix		Preservative Key	
<u>TETRA TECH</u>		<u>117-2201313.03</u>		<u>MSOH</u>		<u>8</u>		<u>8</u>			
Project Name		Lab Project #		Sampling		# of Containers		Matrix		Comments	
<u>BEAVER CREEK WABASH ALLOYS</u>				Date Time							
Project Location/State		Lab Project #		Sample ID		Date		Time			
<u>OAK CREEK, IL</u>				<u>B-120 8-10'</u>		<u>8-19</u>		<u>12:30</u>		<u>4 S</u>	
Sampler		Lab PM		Sample ID		Date		Time			
<u>TODD M. THOMPSON</u>		<u>SANDIE FREDRICK</u>		<u>B-120 13-15'</u>		<u>8-19</u>		<u>12:45</u>		<u>3</u>	
11		<u>B-120</u>	<u>8-10'</u>	<u>8-19</u>	<u>12:30</u>	<u>4</u>	<u>S</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
12		<u>B-120</u>	<u>13-15'</u>	<u>8-19</u>	<u>12:45</u>	<u>3</u>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
13		<u>B-121</u>	<u>0-2'</u>	<u>8-20</u>	<u>13:20</u>	<u>4</u>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
14		<u>B-121</u>	<u>4-6'</u>	<u>8-20</u>	<u>13:20</u>	<u>4</u>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
15		<u>B-121</u>	<u>10-11'</u>	<u>8-20</u>	<u>13:30</u>	<u>4</u>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
16		<u>B-121</u>	<u>13-15'</u>	<u>8-20</u>	<u>13:40</u>	<u>3</u>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
17		<u>B-122</u>	<u>0-2'</u>	<u>8-20</u>	<u>11:30</u>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
18		<u>B-122</u>	<u>4-6'</u>	<u>8-20</u>	<u>11:30</u>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
19		<u>B-122</u>	<u>8-10'</u>	<u>8-20</u>	<u>11:40</u>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
20		<u>B-122</u>	<u>13-15'</u>	<u>8-20</u>	<u>11:50</u>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

- Preservative Key
- HCL, Cool to 4°
 - H2SO4, Cool to 4°
 - HNO3, Cool to 4°
 - NaOH, Cool to 4°
 - NaOH/Zn, Cool to 4°
 - NaHSO4
 - Cool to 4°
 - None
 - Other

Turnaround Time Required (Business Days)

1 Day 2 Days 5 Days 7 Days 10 Days 15 Days Other

Requested Due Date

STANDARD

Sample Disposal

Return to Client

Disposal by Lab

Archive for _____ Months

(A fee may be assessed if samples are retained longer than 1 month)

Relinquished By <u>[Signature]</u>	Company <u>TETRA TECH</u>	Date <u>8-23-13</u>	Time <u>17:00</u>	Received By <u>[Signature]</u>	Company <u>TA</u>	Date <u>8/24/13</u>	Time <u>0920</u>
Relinquished By	Company	Date	Time	Received By	Company	Date	Time
Relinquished By	Company	Date	Time	Received By	Company	Date	Time

Lab Courier:
Shipped: FEDEX
Hand Delivered:

- Matrix Key
- WW - Wastewater
 - W - Water
 - S - Soil
 - SL - Sludge
 - MS - Miscellaneous
 - OL - Oil
 - A - Air
 - SE - Sediment
 - SO - Soil
 - L - Leachate
 - WI - Wipe
 - DW - Drinking Water
 - O - Other

Client Comments

Lab Comments:

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

2417 Bond Street, University Park, IL 60484
 Phone: 708.534.5200 Fax: 708.534.5211

Report To (optional)
 Contact: MICHAEL NOEL
 Company: TETRA TECH
 Address: 1754 CORPORATE DR. SUITE 100
BROOKFIELD, IL 60420
 Address: BROOKFIELD, IL 60420
 Phone: (708) 792-1282
 Fax: (708) 792-1310
 E-Mail:

Bill To (optional)
 Contact: SAME AS REPORT TO!
 Company:
 Address:
 Address:
 Address:
 Phone:
 Fax:
 PO#/Reference#

Chain of Custody Record

Lab Job #: 500-61811

Chain of Custody Number: _____

Page 4 of 4

Temperature °C of Cooler: _____

Client		Client Project #		Preservative		Parameter		Matrix		Preservative Key	
TETRA TECH		117-2201313103		meq/L		8		8			
Project Name		Project Location/State		Lab Project #		Sampler		Lab PM		Comments	
DEAZER OAK CREEK		OAK CREEK, IL		ISABASH ALLOYS		TODD M. THOMPSON		SANDIE FREDRICK			
Lab ID	MS/MSD	Sample ID	Sampling Date	Time	# of Containers	Matrix					
31		B-125 4-6'	8-20	12:30	4	S	✓	✓	✓	✓	
32		B-125 8-10'	8-20	12:40	4		✓	✓	✓	✓	
33		B-125 13-15'	8-20	12:50	3		✓	✓	✓	✓	
34		B-125 18-20'	8-20	13:00	3		✓	✓	✓	✓	
35-38		TRIP BLANK	—	—	4	MEQH	✓				LAB PREPARED

Turnaround Time Required (Business Days)

1 Day 2 Days 5 Days 7 Days 10 Days 15 Days Other

Requested Due Date

STANDARD

Sample Disposal

Return to Client

Disposal by Lab

Archive for _____ Months

(A fee may be assessed if samples are retained longer than 1 month)

Relinquished By	Company	Date	Time	Received By	Company	Date	Time
<i>[Signature]</i>	TETRA TECH	8-23-13	17:00	<i>[Signature]</i>	TA	8/24/13	0920
Relinquished By	Company	Date	Time	Received By	Company	Date	Time
Relinquished By	Company	Date	Time	Received By	Company	Date	Time

Lab Courier

Shipped FEDEX

Hand Delivered

- Matrix Key
- WW - Wastewater
 - W - Water
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 - SL - Sludge
 - MS - Miscellaneous
 - OL - Oil
 - A - Air
 - SE - Sediment
 - SO - Soil
 - L - Leachate
 - WI - Wipe
 - DW - Drinking Water
 - O - Other

Client Comments ONE MEQH VIAL IN EACH COOLER

Lab Comments:

Login Sample Receipt Checklist

Client: Tetra Tech GEO

Job Number: 500-61811-1

Login Number: 61811

List Source: TestAmerica Chicago

List Number: 1

Creator: Lunt, Jeff T

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	4.7,3.8,3.4,4.0
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	
There are no discrepancies between the containers received 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	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	