APPENDIX D

Beazer Groundwater Laboratory Analytical Reports

D1: 2011 Reports

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Watertown
1101 Industrial Drive
Watertown, WI 53094
Tel: (920)261-1660

TestAmerica Job ID: 610-649-1
Client Project/Site: Beazer Oak Creek- 117-2201257-02

For:
Tetra Tech GEO
175 N Corporate Drive
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Brookfield, Wisconsin 53045

Attn: Michael Noel

Authorized for release by:
1/6/2012 1:29:59 PM
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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: Beazer Oak Creek- 117-2201257-02

TestAmerica Job ID: 610-649-1

Qualifiers

GC/MS Semi VOA

Qualifier	Qualifier Description
*	RPD of the LCS and LCSD exceeds the control limits
X	Surrogate is outside control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

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

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek- 117-2201257-02

TestAmerica Job ID: 610-649-1

Job ID: 610-649-1

Laboratory: TestAmerica Watertown

Narrative

Job Narrative
610-649-1

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 target and non-target analytes: P-110 (610-649-3). Elevated reporting limits (RLs) are provided.

Method(s) 8270C: Due to the level of dilution required for the following secondary dilution (100x), surrogate recoveries are not reported: P-110 (610-649-3).

Method(s) 8270C: Surrogate recoveries for the following samples were outside control limits: MW-102 (610-649-1), P-110 (610-649-3). Evidence of matrix interference is present; therefore, re-extraction was not performed.

Method(s) 8270C: The %RPD of the laboratory control sample (LCS) and laboratory control standard duplicate (LCSD) for preparation batch 136746 exceeded control limits for nineteen analytes. All spike recoveries were within QC limits. No corrective action was required. MW-102 (610-649-1), MW-104 (610-649-5), MW-105 (610-649-2), MW-111 (610-649-4), MW-112 (610-649-8), MW-115 (610-649-7), MW-116 (610-649-6), P-110 (610-649-3), P-113 (610-649-9)

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: Beazer Oak Creek- 117-2201257-02

TestAmerica Job ID: 610-649-1

Client Sample ID: MW-102 — Lab Sample ID: 610-649-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Phenanthrene	2.3		0.93	0.33	ug/L	1		8270C	Total/NA
Anthracene	0.54	J	0.93	0.30	ug/L	1		8270C	Total/NA
Fluoranthene	9.0		0.93	0.30	ug/L	1		8270C	Total/NA
Pyrene	7.8		0.93	0.45	ug/L	1		8270C	Total/NA
Benzo[a]anthracene	7.4		0.19	0.041	ug/L	1		8270C	Total/NA
Chrysene	8.6		0.47	0.13	ug/L	1		8270C	Total/NA
Benzo[b]fluoranthene	13		0.19	0.054	ug/L	1		8270C	Total/NA
Benzo[k]fluoranthene	6.0		0.19	0.069	ug/L	1		8270C	Total/NA
Benzo[a]pyrene	5.1		0.19	0.052	ug/L	1		8270C	Total/NA
Indeno[1,2,3-cd]pyrene	5.6		0.19	0.079	ug/L	1		8270C	Total/NA
Dibenz(a,h)anthracene	3.1		0.28	0.060	ug/L	1		8270C	Total/NA
Benzo[g,h,i]perylene	6.5		0.93	0.39	ug/L	1		8270C	Total/NA

Client Sample ID: MW-105 — Lab Sample ID: 610-649-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	1.7	*	0.93	0.28	ug/L	1		8270C	Total/NA

Client Sample ID: P-110 — Lab Sample ID: 610-649-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylphenol	14	J *	19	2.9	ug/L	10		8270C	Total/NA
2,4-Dimethylphenol	31	J	93	31	ug/L	10		8270C	Total/NA
2-Methylnaphthalene	380		4.7	1.2	ug/L	10		8270C	Total/NA
Acenaphthylene	65		9.3	3.0	ug/L	10		8270C	Total/NA
Acenaphthene	160		9.3	3.4	ug/L	10		8270C	Total/NA
Dibenzofuran	130		19	3.3	ug/L	10		8270C	Total/NA
Fluorene	160		9.3	3.6	ug/L	10		8270C	Total/NA
Phenanthrene	240		9.3	3.3	ug/L	10		8270C	Total/NA
Anthracene	99		9.3	3.0	ug/L	10		8270C	Total/NA
Carbazole	250		47	9.3	ug/L	10		8270C	Total/NA
Fluoranthene	82		9.3	3.0	ug/L	10		8270C	Total/NA
Pyrene	48		9.3	4.5	ug/L	10		8270C	Total/NA
Benzo[a]anthracene	15		1.9	0.41	ug/L	10		8270C	Total/NA
Chrysene	27		4.7	1.3	ug/L	10		8270C	Total/NA
Benzo[b]fluoranthene	15		1.9	0.54	ug/L	10		8270C	Total/NA
Benzo[k]fluoranthene	3.9		1.9	0.69	ug/L	10		8270C	Total/NA
Benzo[a]pyrene	12		1.9	0.52	ug/L	10		8270C	Total/NA
Indeno[1,2,3-cd]pyrene	5.7		1.9	0.79	ug/L	10		8270C	Total/NA
Dibenz(a,h)anthracene	2.5	J	2.8	0.60	ug/L	10		8270C	Total/NA
Benzo[g,h,i]perylene	5.7	J	9.3	3.9	ug/L	10		8270C	Total/NA
3 & 4 Methylphenol	26	*	19	4.1	ug/L	10		8270C	Total/NA
Naphthalene - DL	4700	*	93	28	ug/L	100		8270C	Total/NA

Client Sample ID: MW-111 — Lab Sample ID: 610-649-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	0.65	J	0.93	0.34	ug/L	1		8270C	Total/NA
Anthracene	0.40	J	0.93	0.30	ug/L	1		8270C	Total/NA
Benzo[a]anthracene	0.31		0.19	0.041	ug/L	1		8270C	Total/NA
Benzo[a]pyrene	0.25		0.19	0.052	ug/L	1		8270C	Total/NA
Benzo[b]fluoranthene	0.36		0.19	0.054	ug/L	1		8270C	Total/NA
Benzo[k]fluoranthene	0.17	J	0.19	0.069	ug/L	1		8270C	Total/NA
Chrysene	0.32	J	0.47	0.13	ug/L	1		8270C	Total/NA

Detection Summary

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek- 117-2201257-02

TestAmerica Job ID: 610-649-1

Client Sample ID: MW-111 (Continued) — Lab Sample ID: 610-649-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluoranthene	1.1		0.93	0.30	ug/L	1		8270C	Total/NA
Fluorene	0.72	J	0.93	0.36	ug/L	1		8270C	Total/NA
Indeno[1,2,3-cd]pyrene	0.15	J	0.19	0.079	ug/L	1		8270C	Total/NA
Naphthalene	15	*	0.93	0.28	ug/L	1		8270C	Total/NA
Phenanthrene	1.0		0.93	0.33	ug/L	1		8270C	Total/NA
Pyrene	0.64	J	0.93	0.45	ug/L	1		8270C	Total/NA
2-Methylnaphthalene	0.64		0.47	0.12	ug/L	1		8270C	Total/NA

Client Sample ID: MW-104 — Lab Sample ID: 610-649-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	0.18	J	0.19	0.041	ug/L	1		8270C	Total/NA
Benzo[a]pyrene	0.24		0.19	0.052	ug/L	1		8270C	Total/NA
Benzo[b]fluoranthene	0.36		0.19	0.054	ug/L	1		8270C	Total/NA
Benzo[k]fluoranthene	0.11	J	0.19	0.069	ug/L	1		8270C	Total/NA
Chrysene	0.22	J	0.47	0.13	ug/L	1		8270C	Total/NA
Fluoranthene	0.37	J	0.93	0.30	ug/L	1		8270C	Total/NA
Indeno[1,2,3-cd]pyrene	0.17	J	0.19	0.079	ug/L	1		8270C	Total/NA
Naphthalene	0.29	J *	0.93	0.28	ug/L	1		8270C	Total/NA

Client Sample ID: MW-116 — Lab Sample ID: 610-649-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	0.12	J	0.19	0.041	ug/L	1		8270C	Total/NA
Benzo[a]pyrene	0.096	J	0.19	0.052	ug/L	1		8270C	Total/NA
Benzo[b]fluoranthene	0.097	J	0.19	0.054	ug/L	1		8270C	Total/NA
Chrysene	0.13	J	0.47	0.13	ug/L	1		8270C	Total/NA
Fluoranthene	2.2		0.93	0.30	ug/L	1		8270C	Total/NA
Naphthalene	1.1	*	0.93	0.28	ug/L	1		8270C	Total/NA
Pyrene	1.9		0.93	0.45	ug/L	1		8270C	Total/NA

Client Sample ID: MW-115 — Lab Sample ID: 610-649-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	0.16	J	0.19	0.041	ug/L	1		8270C	Total/NA
Benzo[b]fluoranthene	0.14	J	0.19	0.054	ug/L	1		8270C	Total/NA
Chrysene	0.22	J	0.47	0.13	ug/L	1		8270C	Total/NA
Fluoranthene	2.0		0.93	0.30	ug/L	1		8270C	Total/NA
Naphthalene	1.4	*	0.93	0.28	ug/L	1		8270C	Total/NA
Pyrene	1.5		0.93	0.45	ug/L	1		8270C	Total/NA

Client Sample ID: MW-112 — Lab Sample ID: 610-649-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	0.51		0.19	0.041	ug/L	1		8270C	Total/NA
Benzo[a]pyrene	0.32		0.19	0.052	ug/L	1		8270C	Total/NA
Benzo[b]fluoranthene	0.54		0.19	0.054	ug/L	1		8270C	Total/NA
Benzo[k]fluoranthene	0.25		0.19	0.069	ug/L	1		8270C	Total/NA
Chrysene	0.43	J	0.47	0.13	ug/L	1		8270C	Total/NA
Fluoranthene	1.3		0.93	0.30	ug/L	1		8270C	Total/NA
Indeno[1,2,3-cd]pyrene	0.21		0.19	0.079	ug/L	1		8270C	Total/NA
Pyrene	2.0		0.93	0.45	ug/L	1		8270C	Total/NA

Detection Summary

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek- 117-2201257-02

TestAmerica Job ID: 610-649-1

Client Sample ID: P-113

Lab Sample ID: 610-649-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	1.3		0.93	0.34	ug/L	1		8270C	Total/NA
Benzo[a]anthracene	0.14	J	0.19	0.041	ug/L	1		8270C	Total/NA
Chrysene	0.13	J	0.47	0.13	ug/L	1		8270C	Total/NA
Fluoranthene	2.0		0.93	0.30	ug/L	1		8270C	Total/NA
Fluorene	0.46	J	0.93	0.36	ug/L	1		8270C	Total/NA
Naphthalene	0.80	J *	0.93	0.28	ug/L	1		8270C	Total/NA
Pyrene	1.3		0.93	0.45	ug/L	1		8270C	Total/NA

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek- 117-2201257-02

TestAmerica Job ID: 610-649-1

Client Sample ID: MW-102
Date Collected: 12/20/11 11:45
Date Received: 12/21/11 15:40

Lab Sample ID: 610-649-1
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	<0.34	*	4.7	0.34	ug/L		12/23/11 13:14	12/30/11 14:06	1
Bis(2-chloroethyl)ether	<0.33	*	1.9	0.33	ug/L		12/23/11 13:14	12/30/11 14:06	1
1,3-Dichlorobenzene	<0.23	*	1.9	0.23	ug/L		12/23/11 13:14	12/30/11 14:06	1
1,4-Dichlorobenzene	<0.25	*	1.9	0.25	ug/L		12/23/11 13:14	12/30/11 14:06	1
1,2-Dichlorobenzene	<0.27	*	1.9	0.27	ug/L		12/23/11 13:14	12/30/11 14:06	1
Benzyl alcohol	<2.9	*	19	2.9	ug/L		12/23/11 13:14	12/30/11 14:06	1
2-Methylphenol	<0.29	*	1.9	0.29	ug/L		12/23/11 13:14	12/30/11 14:06	1
2,2'-oxybis[1-chloropropane]	<0.28	*	1.9	0.28	ug/L		12/23/11 13:14	12/30/11 14:06	1
N-Nitrosodi-n-propylamine	<0.13	*	0.47	0.13	ug/L		12/23/11 13:14	12/30/11 14:06	1
Hexachloroethane	<0.91	*	4.7	0.91	ug/L		12/23/11 13:14	12/30/11 14:06	1
2-Chlorophenol	<0.75	*	4.7	0.75	ug/L		12/23/11 13:14	12/30/11 14:06	1
Nitrobenzene	<0.42	*	0.93	0.42	ug/L		12/23/11 13:14	12/30/11 14:06	1
Bis(2-chloroethoxy)methane	<0.28	*	1.9	0.28	ug/L		12/23/11 13:14	12/30/11 14:06	1
1,2,4-Trichlorobenzene	<0.28	*	1.9	0.28	ug/L		12/23/11 13:14	12/30/11 14:06	1
Benzoic acid	<4.3		19	4.3	ug/L		12/23/11 13:14	12/30/11 14:06	1
Isophorone	<0.27		1.9	0.27	ug/L		12/23/11 13:14	12/30/11 14:06	1
2,4-Dimethylphenol	<3.1		9.3	3.1	ug/L		12/23/11 13:14	12/30/11 14:06	1
Hexachlorobutadiene	<1.0	*	4.7	1.0	ug/L		12/23/11 13:14	12/30/11 14:06	1
Naphthalene	<0.28	*	0.93	0.28	ug/L		12/23/11 13:14	12/30/11 14:06	1
2,4-Dichlorophenol	<2.1		9.3	2.1	ug/L		12/23/11 13:14	12/30/11 14:06	1
4-Chloroaniline	<2.0		9.3	2.0	ug/L		12/23/11 13:14	12/30/11 14:06	1
2,4,6-Trichlorophenol	<1.0		4.7	1.0	ug/L		12/23/11 13:14	12/30/11 14:06	1
2,4,5-Trichlorophenol	<2.1		9.3	2.1	ug/L		12/23/11 13:14	12/30/11 14:06	1
Hexachlorocyclopentadiene	<3.2	*	19	3.2	ug/L		12/23/11 13:14	12/30/11 14:06	1
2-Methylnaphthalene	<0.12		0.47	0.12	ug/L		12/23/11 13:14	12/30/11 14:06	1
2-Nitroaniline	<1.0		4.7	1.0	ug/L		12/23/11 13:14	12/30/11 14:06	1
2-Chloronaphthalene	<0.32		1.9	0.32	ug/L		12/23/11 13:14	12/30/11 14:06	1
4-Chloro-3-methylphenol	<2.1		9.3	2.1	ug/L		12/23/11 13:14	12/30/11 14:06	1
2,6-Dinitrotoluene	<0.11		0.47	0.11	ug/L		12/23/11 13:14	12/30/11 14:06	1
2-Nitrophenol	<2.0	*	9.3	2.0	ug/L		12/23/11 13:14	12/30/11 14:06	1
3-Nitroaniline	<2.1		9.3	2.1	ug/L		12/23/11 13:14	12/30/11 14:06	1
Dimethyl phthalate	<0.36		1.9	0.36	ug/L		12/23/11 13:14	12/30/11 14:06	1
2,4-Dinitrophenol	<6.9		19	6.9	ug/L		12/23/11 13:14	12/30/11 14:06	1
Acenaphthylene	<0.30		0.93	0.30	ug/L		12/23/11 13:14	12/30/11 14:06	1
2,4-Dinitrotoluene	<0.28		0.93	0.28	ug/L		12/23/11 13:14	12/30/11 14:06	1
Acenaphthene	<0.34		0.93	0.34	ug/L		12/23/11 13:14	12/30/11 14:06	1
Dibenzofuran	<0.33		1.9	0.33	ug/L		12/23/11 13:14	12/30/11 14:06	1
4-Nitrophenol	<2.2		19	2.2	ug/L		12/23/11 13:14	12/30/11 14:06	1
Fluorene	<0.36		0.93	0.36	ug/L		12/23/11 13:14	12/30/11 14:06	1
4-Nitroaniline	<3.7		9.3	3.7	ug/L		12/23/11 13:14	12/30/11 14:06	1
4-Bromophenyl phenyl ether	<0.85		4.7	0.85	ug/L		12/23/11 13:14	12/30/11 14:06	1
Hexachlorobenzene	<0.13		0.47	0.13	ug/L		12/23/11 13:14	12/30/11 14:06	1
Diethyl phthalate	<0.41		1.9	0.41	ug/L		12/23/11 13:14	12/30/11 14:06	1
4-Chlorophenyl phenyl ether	<0.76		4.7	0.76	ug/L		12/23/11 13:14	12/30/11 14:06	1
Pentachlorophenol	<5.2		19	5.2	ug/L		12/23/11 13:14	12/30/11 14:06	1
N-Nitrosodiphenylamine	<0.32		0.93	0.32	ug/L		12/23/11 13:14	12/30/11 14:06	1
4,6-Dinitro-2-methylphenol	<4.6		19	4.6	ug/L		12/23/11 13:14	12/30/11 14:06	1
Phenanthrene	**2.3**		0.93	0.33	ug/L		12/23/11 13:14	12/30/11 14:06	1
Anthracene	**0.54**	**J**	0.93	0.30	ug/L		12/23/11 13:14	12/30/11 14:06	1
Carbazole	<0.93		4.7	0.93	ug/L		12/23/11 13:14	12/30/11 14:06	1

Client Sample ID: MW-102

Date Collected: 12/20/11 11:45
Date Received: 12/21/11 15:40

Lab Sample ID: 610-649-1

Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-butyl phthalate	<0.75		4.7	0.75	ug/L		12/23/11 13:14	12/30/11 14:06	1
Fluoranthene	**9.0**		0.93	0.30	ug/L		12/23/11 13:14	12/30/11 14:06	1
Pyrene	**7.8**		0.93	0.45	ug/L		12/23/11 13:14	12/30/11 14:06	1
Butyl benzyl phthalate	<0.25		1.9	0.25	ug/L		12/23/11 13:14	12/30/11 14:06	1
Benzo[a]anthracene	**7.4**		0.19	0.041	ug/L		12/23/11 13:14	12/30/11 14:06	1
Chrysene	**8.6**		0.47	0.13	ug/L		12/23/11 13:14	12/30/11 14:06	1
3,3'-Dichlorobenzidine	<0.88		4.7	0.88	ug/L		12/23/11 13:14	12/30/11 14:06	1
Bis(2-ethylhexyl) phthalate	<2.3		9.3	2.3	ug/L		12/23/11 13:14	12/30/11 14:06	1
Di-n-octyl phthalate	<2.3		9.3	2.3	ug/L		12/23/11 13:14	12/30/11 14:06	1
Benzo[b]fluoranthene	**13**		0.19	0.054	ug/L		12/23/11 13:14	12/30/11 14:06	1
Benzo[k]fluoranthene	**6.0**		0.19	0.069	ug/L		12/23/11 13:14	12/30/11 14:06	1
Benzo[a]pyrene	**5.1**		0.19	0.052	ug/L		12/23/11 13:14	12/30/11 14:06	1
Indeno[1,2,3-cd]pyrene	**5.6**		0.19	0.079	ug/L		12/23/11 13:14	12/30/11 14:06	1
Dibenz(a,h)anthracene	**3.1**		0.28	0.060	ug/L		12/23/11 13:14	12/30/11 14:06	1
Benzo[g,h,i]perylene	**6.5**		0.93	0.39	ug/L		12/23/11 13:14	12/30/11 14:06	1
3 & 4 Methylphenol	<0.41	*	1.9	0.41	ug/L		12/23/11 13:14	12/30/11 14:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorophenol	*14*	*X*	*20 - 100*	*12/23/11 13:14*	*12/30/11 14:06*	*1*
Phenol-d5	*11*	*X*	*20 - 100*	*12/23/11 13:14*	*12/30/11 14:06*	*1*
Nitrobenzene-d5	*71*		*39 - 110*	*12/23/11 13:14*	*12/30/11 14:06*	*1*
2-Fluorobiphenyl	*71*		*44 - 110*	*12/23/11 13:14*	*12/30/11 14:06*	*1*
2,4,6-Tribromophenol	*69*		*46 - 126*	*12/23/11 13:14*	*12/30/11 14:06*	*1*
Terphenyl-d14	*63*		*52 - 131*	*12/23/11 13:14*	*12/30/11 14:06*	*1*

Client Sample ID: MW-105

Date Collected: 12/20/11 12:30
Date Received: 12/21/11 15:40

Lab Sample ID: 610-649-2

Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.34		0.93	0.34	ug/L		12/23/11 13:14	12/29/11 21:36	1
Acenaphthylene	<0.30		0.93	0.30	ug/L		12/23/11 13:14	12/29/11 21:36	1
Anthracene	<0.30		0.93	0.30	ug/L		12/23/11 13:14	12/29/11 21:36	1
Benzo[a]anthracene	<0.041		0.19	0.041	ug/L		12/23/11 13:14	12/29/11 21:36	1
Benzo[a]pyrene	<0.052		0.19	0.052	ug/L		12/23/11 13:14	12/29/11 21:36	1
Benzo[b]fluoranthene	<0.054		0.19	0.054	ug/L		12/23/11 13:14	12/29/11 21:36	1
Benzo[g,h,i]perylene	<0.39		0.93	0.39	ug/L		12/23/11 13:14	12/29/11 21:36	1
Benzo[k]fluoranthene	<0.069		0.19	0.069	ug/L		12/23/11 13:14	12/29/11 21:36	1
Chrysene	<0.13		0.47	0.13	ug/L		12/23/11 13:14	12/29/11 21:36	1
Dibenz(a,h)anthracene	<0.060		0.28	0.060	ug/L		12/23/11 13:14	12/29/11 21:36	1
Fluoranthene	<0.30		0.93	0.30	ug/L		12/23/11 13:14	12/29/11 21:36	1
Fluorene	<0.36		0.93	0.36	ug/L		12/23/11 13:14	12/29/11 21:36	1
Indeno[1,2,3-cd]pyrene	<0.079		0.19	0.079	ug/L		12/23/11 13:14	12/29/11 21:36	1
Naphthalene	**1.7**	*	0.93	0.28	ug/L		12/23/11 13:14	12/29/11 21:36	1
Phenanthrene	<0.33		0.93	0.33	ug/L		12/23/11 13:14	12/29/11 21:36	1
Pyrene	<0.45		0.93	0.45	ug/L		12/23/11 13:14	12/29/11 21:36	1
2-Methylnaphthalene	<0.12		0.47	0.12	ug/L		12/23/11 13:14	12/29/11 21:36	1
1-Methylnaphthalene	<0.93		0.93	0.93	ug/L		12/23/11 13:14	12/29/11 21:36	1

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek- 117-2201257-02

TestAmerica Job ID: 610-649-1

Client Sample ID: MW-105

Date Collected: 12/20/11 12:30
Date Received: 12/21/11 15:40

Lab Sample ID: 610-649-2

Matrix: Ground Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	93		44 - 110	12/23/11 13:14	12/29/11 21:36	1
Nitrobenzene-d5	88		39 - 110	12/23/11 13:14	12/29/11 21:36	1
Terphenyl-d14	102		52 - 131	12/23/11 13:14	12/29/11 21:36	1

Client Sample ID: P-110

Date Collected: 12/20/11 12:50
Date Received: 12/21/11 15:40

Lab Sample ID: 610-649-3

Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	<3.4	*	47	3.4	ug/L		12/23/11 13:14	12/29/11 21:57	10
Bis(2-chloroethyl)ether	<3.3	*	19	3.3	ug/L		12/23/11 13:14	12/29/11 21:57	10
1,3-Dichlorobenzene	<2.3	*	19	2.3	ug/L		12/23/11 13:14	12/29/11 21:57	10
1,4-Dichlorobenzene	<2.5	*	19	2.5	ug/L		12/23/11 13:14	12/29/11 21:57	10
1,2-Dichlorobenzene	<2.7	*	19	2.7	ug/L		12/23/11 13:14	12/29/11 21:57	10
Benzyl alcohol	<29	*	190	29	ug/L		12/23/11 13:14	12/29/11 21:57	10
2-Methylphenol	**14**	**J ***	19	2.9	ug/L		12/23/11 13:14	12/29/11 21:57	10
2,2'-oxybis[1-chloropropane]	<2.8	*	19	2.8	ug/L		12/23/11 13:14	12/29/11 21:57	10
N-Nitrosodi-n-propylamine	<1.3	*	4.7	1.3	ug/L		12/23/11 13:14	12/29/11 21:57	10
Hexachloroethane	<9.1	*	47	9.1	ug/L		12/23/11 13:14	12/29/11 21:57	10
2-Chlorophenol	<7.5	*	47	7.5	ug/L		12/23/11 13:14	12/29/11 21:57	10
Nitrobenzene	<4.2	*	9.3	4.2	ug/L		12/23/11 13:14	12/29/11 21:57	10
Bis(2-chloroethoxy)methane	<2.8	*	19	2.8	ug/L		12/23/11 13:14	12/29/11 21:57	10
1,2,4-Trichlorobenzene	<2.8	*	19	2.8	ug/L		12/23/11 13:14	12/29/11 21:57	10
Benzoic acid	<43		190	43	ug/L		12/23/11 13:14	12/29/11 21:57	10
Isophorone	<2.7		19	2.7	ug/L		12/23/11 13:14	12/29/11 21:57	10
2,4-Dimethylphenol	**31**	**J**	93	31	ug/L		12/23/11 13:14	12/29/11 21:57	10
Hexachlorobutadiene	<10	*	47	10	ug/L		12/23/11 13:14	12/29/11 21:57	10
2,4-Dichlorophenol	<21		93	21	ug/L		12/23/11 13:14	12/29/11 21:57	10
4-Chloroaniline	<20		93	20	ug/L		12/23/11 13:14	12/29/11 21:57	10
2,4,6-Trichlorophenol	<10		47	10	ug/L		12/23/11 13:14	12/29/11 21:57	10
2,4,5-Trichlorophenol	<21		93	21	ug/L		12/23/11 13:14	12/29/11 21:57	10
Hexachlorocyclopentadiene	<32	*	190	32	ug/L		12/23/11 13:14	12/29/11 21:57	10
2-Methylnaphthalene	**380**		4.7	1.2	ug/L		12/23/11 13:14	12/29/11 21:57	10
2-Nitroaniline	<10		47	10	ug/L		12/23/11 13:14	12/29/11 21:57	10
2-Chloronaphthalene	<3.2		19	3.2	ug/L		12/23/11 13:14	12/29/11 21:57	10
4-Chloro-3-methylphenol	<21		93	21	ug/L		12/23/11 13:14	12/29/11 21:57	10
2,6-Dinitrotoluene	<1.1		4.7	1.1	ug/L		12/23/11 13:14	12/29/11 21:57	10
2-Nitrophenol	<20	*	93	20	ug/L		12/23/11 13:14	12/29/11 21:57	10
3-Nitroaniline	<21		93	21	ug/L		12/23/11 13:14	12/29/11 21:57	10
Dimethyl phthalate	<3.6		19	3.6	ug/L		12/23/11 13:14	12/29/11 21:57	10
2,4-Dinitrophenol	<69		190	69	ug/L		12/23/11 13:14	12/29/11 21:57	10
Acenaphthylene	**65**		9.3	3.0	ug/L		12/23/11 13:14	12/29/11 21:57	10
2,4-Dinitrotoluene	<2.8		9.3	2.8	ug/L		12/23/11 13:14	12/29/11 21:57	10
Acenaphthene	**160**		9.3	3.4	ug/L		12/23/11 13:14	12/29/11 21:57	10
Dibenzofuran	**130**		19	3.3	ug/L		12/23/11 13:14	12/29/11 21:57	10
4-Nitrophenol	<22		190	22	ug/L		12/23/11 13:14	12/29/11 21:57	10
Fluorene	**160**		9.3	3.6	ug/L		12/23/11 13:14	12/29/11 21:57	10
4-Nitroaniline	<37		93	37	ug/L		12/23/11 13:14	12/29/11 21:57	10
4-Bromophenyl phenyl ether	<8.5		47	8.5	ug/L		12/23/11 13:14	12/29/11 21:57	10

Client Sample ID: P-110

Date Collected: 12/20/11 12:50
Date Received: 12/21/11 15:40

Lab Sample ID: 610-649-3
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobenzene	<1.3		4.7	1.3	ug/L		12/23/11 13:14	12/29/11 21:57	10
Diethyl phthalate	<4.1		19	4.1	ug/L		12/23/11 13:14	12/29/11 21:57	10
4-Chlorophenyl phenyl ether	<7.6		47	7.6	ug/L		12/23/11 13:14	12/29/11 21:57	10
Pentachlorophenol	<52		190	52	ug/L		12/23/11 13:14	12/29/11 21:57	10
N-Nitrosodiphenylamine	<3.2		9.3	3.2	ug/L		12/23/11 13:14	12/29/11 21:57	10
4,6-Dinitro-2-methylphenol	<46		190	46	ug/L		12/23/11 13:14	12/29/11 21:57	10
Phenanthrene	**240**		9.3	3.3	ug/L		12/23/11 13:14	12/29/11 21:57	10
Anthracene	**99**		9.3	3.0	ug/L		12/23/11 13:14	12/29/11 21:57	10
Carbazole	**250**		47	9.3	ug/L		12/23/11 13:14	12/29/11 21:57	10
Di-n-butyl phthalate	<7.5		47	7.5	ug/L		12/23/11 13:14	12/29/11 21:57	10
Fluoranthene	**82**		9.3	3.0	ug/L		12/23/11 13:14	12/29/11 21:57	10
Pyrene	**48**		9.3	4.5	ug/L		12/23/11 13:14	12/29/11 21:57	10
Butyl benzyl phthalate	<2.5		19	2.5	ug/L		12/23/11 13:14	12/29/11 21:57	10
Benzo[a]anthracene	**15**		1.9	0.41	ug/L		12/23/11 13:14	12/29/11 21:57	10
Chrysene	**27**		4.7	1.3	ug/L		12/23/11 13:14	12/29/11 21:57	10
3,3'-Dichlorobenzidine	<8.8		47	8.8	ug/L		12/23/11 13:14	12/29/11 21:57	10
Bis(2-ethylhexyl) phthalate	<23		93	23	ug/L		12/23/11 13:14	12/29/11 21:57	10
Di-n-octyl phthalate	<23		93	23	ug/L		12/23/11 13:14	12/29/11 21:57	10
Benzo[b]fluoranthene	**15**		1.9	0.54	ug/L		12/23/11 13:14	12/29/11 21:57	10
Benzo[k]fluoranthene	**3.9**		1.9	0.69	ug/L		12/23/11 13:14	12/29/11 21:57	10
Benzo[a]pyrene	**12**		1.9	0.52	ug/L		12/23/11 13:14	12/29/11 21:57	10
Indeno[1,2,3-cd]pyrene	**5.7**		1.9	0.79	ug/L		12/23/11 13:14	12/29/11 21:57	10
Dibenz(a,h)anthracene	**2.5**	**J**	2.8	0.60	ug/L		12/23/11 13:14	12/29/11 21:57	10
Benzo[g,h,i]perylene	**5.7**	**J**	9.3	3.9	ug/L		12/23/11 13:14	12/29/11 21:57	10
3 & 4 Methylphenol	**26**	*****	19	4.1	ug/L		12/23/11 13:14	12/29/11 21:57	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorophenol	*53*		*20 - 100*	*12/23/11 13:14*	*12/29/11 21:57*	*10*
Phenol-d5	*36*		*20 - 100*	*12/23/11 13:14*	*12/29/11 21:57*	*10*
Nitrobenzene-d5	*158*	*X*	*39 - 110*	*12/23/11 13:14*	*12/29/11 21:57*	*10*
2-Fluorobiphenyl	*109*		*44 - 110*	*12/23/11 13:14*	*12/29/11 21:57*	*10*
2,4,6-Tribromophenol	*155*	*X*	*46 - 126*	*12/23/11 13:14*	*12/29/11 21:57*	*10*
Terphenyl-d14	*117*		*52 - 131*	*12/23/11 13:14*	*12/29/11 21:57*	*10*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	**4700**	*****	93	28	ug/L		12/23/11 13:14	12/30/11 14:27	100

Client Sample ID: MW-111

Date Collected: 12/20/11 13:25
Date Received: 12/21/11 15:40

Lab Sample ID: 610-649-4
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**0.65**	**J**	0.93	0.34	ug/L		12/23/11 13:14	12/29/11 22:19	1
Acenaphthylene	<0.30		0.93	0.30	ug/L		12/23/11 13:14	12/29/11 22:19	1
Anthracene	**0.40**	**J**	0.93	0.30	ug/L		12/23/11 13:14	12/29/11 22:19	1
Benzo[a]anthracene	**0.31**		0.19	0.041	ug/L		12/23/11 13:14	12/29/11 22:19	1
Benzo[a]pyrene	**0.25**		0.19	0.052	ug/L		12/23/11 13:14	12/29/11 22:19	1
Benzo[b]fluoranthene	**0.36**		0.19	0.054	ug/L		12/23/11 13:14	12/29/11 22:19	1

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek- 117-2201257-02

TestAmerica Job ID: 610-649-1

Client Sample ID: MW-111
Date Collected: 12/20/11 13:25
Date Received: 12/21/11 15:40

Lab Sample ID: 610-649-4
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[g,h,i]perylene	<0.39		0.93	0.39	ug/L		12/23/11 13:14	12/29/11 22:19	1
Benzo[k]fluoranthene	**0.17**	**J**	0.19	0.069	ug/L		12/23/11 13:14	12/29/11 22:19	1
Chrysene	**0.32**	**J**	0.47	0.13	ug/L		12/23/11 13:14	12/29/11 22:19	1
Dibenz(a,h)anthracene	<0.060		0.28	0.060	ug/L		12/23/11 13:14	12/29/11 22:19	1
Fluoranthene	**1.1**		0.93	0.30	ug/L		12/23/11 13:14	12/29/11 22:19	1
Fluorene	**0.72**	**J**	0.93	0.36	ug/L		12/23/11 13:14	12/29/11 22:19	1
Indeno[1,2,3-cd]pyrene	**0.15**	**J**	0.19	0.079	ug/L		12/23/11 13:14	12/29/11 22:19	1
Naphthalene	**15**	*****	0.93	0.28	ug/L		12/23/11 13:14	12/29/11 22:19	1
Phenanthrene	**1.0**		0.93	0.33	ug/L		12/23/11 13:14	12/29/11 22:19	1
Pyrene	**0.64**	**J**	0.93	0.45	ug/L		12/23/11 13:14	12/29/11 22:19	1
2-Methylnaphthalene	**0.64**		0.47	0.12	ug/L		12/23/11 13:14	12/29/11 22:19	1
1-Methylnaphthalene	<0.93		0.93	0.93	ug/L		12/23/11 13:14	12/29/11 22:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*78*		*44 - 110*	*12/23/11 13:14*	*12/29/11 22:19*	*1*
Nitrobenzene-d5	*83*		*39 - 110*	*12/23/11 13:14*	*12/29/11 22:19*	*1*
Terphenyl-d14	*76*		*52 - 131*	*12/23/11 13:14*	*12/29/11 22:19*	*1*

Client Sample ID: MW-104
Date Collected: 12/20/11 13:50
Date Received: 12/21/11 15:40

Lab Sample ID: 610-649-5
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.34		0.93	0.34	ug/L		12/23/11 13:14	12/29/11 22:40	1
Acenaphthylene	<0.30		0.93	0.30	ug/L		12/23/11 13:14	12/29/11 22:40	1
Anthracene	<0.30		0.93	0.30	ug/L		12/23/11 13:14	12/29/11 22:40	1
Benzo[a]anthracene	**0.18**	**J**	0.19	0.041	ug/L		12/23/11 13:14	12/29/11 22:40	1
Benzo[a]pyrene	**0.24**		0.19	0.052	ug/L		12/23/11 13:14	12/29/11 22:40	1
Benzo[b]fluoranthene	**0.36**		0.19	0.054	ug/L		12/23/11 13:14	12/29/11 22:40	1
Benzo[g,h,i]perylene	<0.39		0.93	0.39	ug/L		12/23/11 13:14	12/29/11 22:40	1
Benzo[k]fluoranthene	**0.11**	**J**	0.19	0.069	ug/L		12/23/11 13:14	12/29/11 22:40	1
Chrysene	**0.22**	**J**	0.47	0.13	ug/L		12/23/11 13:14	12/29/11 22:40	1
Dibenz(a,h)anthracene	<0.060		0.28	0.060	ug/L		12/23/11 13:14	12/29/11 22:40	1
Fluoranthene	**0.37**	**J**	0.93	0.30	ug/L		12/23/11 13:14	12/29/11 22:40	1
Fluorene	<0.36		0.93	0.36	ug/L		12/23/11 13:14	12/29/11 22:40	1
Indeno[1,2,3-cd]pyrene	**0.17**	**J**	0.19	0.079	ug/L		12/23/11 13:14	12/29/11 22:40	1
Naphthalene	**0.29**	**J ***	0.93	0.28	ug/L		12/23/11 13:14	12/29/11 22:40	1
Phenanthrene	<0.33		0.93	0.33	ug/L		12/23/11 13:14	12/29/11 22:40	1
Pyrene	<0.45		0.93	0.45	ug/L		12/23/11 13:14	12/29/11 22:40	1
2-Methylnaphthalene	<0.12		0.47	0.12	ug/L		12/23/11 13:14	12/29/11 22:40	1
1-Methylnaphthalene	<0.93		0.93	0.93	ug/L		12/23/11 13:14	12/29/11 22:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*86*		*44 - 110*	*12/23/11 13:14*	*12/29/11 22:40*	*1*
Nitrobenzene-d5	*86*		*39 - 110*	*12/23/11 13:14*	*12/29/11 22:40*	*1*
Terphenyl-d14	*80*		*52 - 131*	*12/23/11 13:14*	*12/29/11 22:40*	*1*

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek- 117-2201257-02

TestAmerica Job ID: 610-649-1

Client Sample ID: MW-116

Date Collected: 12/20/11 14:20
Date Received: 12/21/11 15:40

Lab Sample ID: 610-649-6

Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.34		0.93	0.34	ug/L		12/23/11 13:14	12/29/11 23:02	1
Acenaphthylene	<0.30		0.93	0.30	ug/L		12/23/11 13:14	12/29/11 23:02	1
Anthracene	<0.30		0.93	0.30	ug/L		12/23/11 13:14	12/29/11 23:02	1
Benzo[a]anthracene	**0.12**	**J**	0.19	0.041	ug/L		12/23/11 13:14	12/29/11 23:02	1
Benzo[a]pyrene	**0.096**	**J**	0.19	0.052	ug/L		12/23/11 13:14	12/29/11 23:02	1
Benzo[b]fluoranthene	**0.097**	**J**	0.19	0.054	ug/L		12/23/11 13:14	12/29/11 23:02	1
Benzo[g,h,i]perylene	<0.39		0.93	0.39	ug/L		12/23/11 13:14	12/29/11 23:02	1
Benzo[k]fluoranthene	<0.069		0.19	0.069	ug/L		12/23/11 13:14	12/29/11 23:02	1
Chrysene	**0.13**	**J**	0.47	0.13	ug/L		12/23/11 13:14	12/29/11 23:02	1
Dibenz(a,h)anthracene	<0.060		0.28	0.060	ug/L		12/23/11 13:14	12/29/11 23:02	1
Fluoranthene	**2.2**		0.93	0.30	ug/L		12/23/11 13:14	12/29/11 23:02	1
Fluorene	<0.36		0.93	0.36	ug/L		12/23/11 13:14	12/29/11 23:02	1
Indeno[1,2,3-cd]pyrene	<0.079		0.19	0.079	ug/L		12/23/11 13:14	12/29/11 23:02	1
Naphthalene	**1.1**	*****	0.93	0.28	ug/L		12/23/11 13:14	12/29/11 23:02	1
Phenanthrene	<0.33		0.93	0.33	ug/L		12/23/11 13:14	12/29/11 23:02	1
Pyrene	**1.9**		0.93	0.45	ug/L		12/23/11 13:14	12/29/11 23:02	1
2-Methylnaphthalene	<0.12		0.47	0.12	ug/L		12/23/11 13:14	12/29/11 23:02	1
1-Methylnaphthalene	<0.93		0.93	0.93	ug/L		12/23/11 13:14	12/29/11 23:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*81*		*44 - 110*	*12/23/11 13:14*	*12/29/11 23:02*	*1*
Nitrobenzene-d5	*85*		*39 - 110*	*12/23/11 13:14*	*12/29/11 23:02*	*1*
Terphenyl-d14	*78*		*52 - 131*	*12/23/11 13:14*	*12/29/11 23:02*	*1*

Client Sample ID: MW-115

Date Collected: 12/20/11 15:15
Date Received: 12/21/11 15:40

Lab Sample ID: 610-649-7

Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.34		0.93	0.34	ug/L		12/23/11 13:14	12/29/11 23:23	1
Acenaphthylene	<0.30		0.93	0.30	ug/L		12/23/11 13:14	12/29/11 23:23	1
Anthracene	<0.30		0.93	0.30	ug/L		12/23/11 13:14	12/29/11 23:23	1
Benzo[a]anthracene	**0.16**	**J**	0.19	0.041	ug/L		12/23/11 13:14	12/29/11 23:23	1
Benzo[a]pyrene	<0.052		0.19	0.052	ug/L		12/23/11 13:14	12/29/11 23:23	1
Benzo[b]fluoranthene	**0.14**	**J**	0.19	0.054	ug/L		12/23/11 13:14	12/29/11 23:23	1
Benzo[g,h,i]perylene	<0.39		0.93	0.39	ug/L		12/23/11 13:14	12/29/11 23:23	1
Benzo[k]fluoranthene	<0.069		0.19	0.069	ug/L		12/23/11 13:14	12/29/11 23:23	1
Chrysene	**0.22**	**J**	0.47	0.13	ug/L		12/23/11 13:14	12/29/11 23:23	1
Dibenz(a,h)anthracene	<0.060		0.28	0.060	ug/L		12/23/11 13:14	12/29/11 23:23	1
Fluoranthene	**2.0**		0.93	0.30	ug/L		12/23/11 13:14	12/29/11 23:23	1
Fluorene	<0.36		0.93	0.36	ug/L		12/23/11 13:14	12/29/11 23:23	1
Indeno[1,2,3-cd]pyrene	<0.079		0.19	0.079	ug/L		12/23/11 13:14	12/29/11 23:23	1
Naphthalene	**1.4**	*****	0.93	0.28	ug/L		12/23/11 13:14	12/29/11 23:23	1
Phenanthrene	<0.33		0.93	0.33	ug/L		12/23/11 13:14	12/29/11 23:23	1
Pyrene	**1.5**		0.93	0.45	ug/L		12/23/11 13:14	12/29/11 23:23	1
2-Methylnaphthalene	<0.12		0.47	0.12	ug/L		12/23/11 13:14	12/29/11 23:23	1
1-Methylnaphthalene	<0.93		0.93	0.93	ug/L		12/23/11 13:14	12/29/11 23:23	1

Client Sample ID: MW-115

Date Collected: 12/20/11 15:15
Date Received: 12/21/11 15:40

Lab Sample ID: 610-649-7

Matrix: Ground Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*82*		*44 - 110*	*12/23/11 13:14*	*12/29/11 23:23*	*1*
Nitrobenzene-d5	*86*		*39 - 110*	*12/23/11 13:14*	*12/29/11 23:23*	*1*
Terphenyl-d14	*80*		*52 - 131*	*12/23/11 13:14*	*12/29/11 23:23*	*1*

Client Sample ID: MW-112

Date Collected: 12/20/11 16:05
Date Received: 12/21/11 15:40

Lab Sample ID: 610-649-8

Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.34		0.93	0.34	ug/L		12/23/11 13:14	12/29/11 23:45	1
Acenaphthylene	<0.30		0.93	0.30	ug/L		12/23/11 13:14	12/29/11 23:45	1
Anthracene	<0.30		0.93	0.30	ug/L		12/23/11 13:14	12/29/11 23:45	1
Benzo[a]anthracene	**0.51**		0.19	0.041	ug/L		12/23/11 13:14	12/29/11 23:45	1
Benzo[a]pyrene	**0.32**		0.19	0.052	ug/L		12/23/11 13:14	12/29/11 23:45	1
Benzo[b]fluoranthene	**0.54**		0.19	0.054	ug/L		12/23/11 13:14	12/29/11 23:45	1
Benzo[g,h,i]perylene	<0.39		0.93	0.39	ug/L		12/23/11 13:14	12/29/11 23:45	1
Benzo[k]fluoranthene	**0.25**		0.19	0.069	ug/L		12/23/11 13:14	12/29/11 23:45	1
Chrysene	**0.43**	**J**	0.47	0.13	ug/L		12/23/11 13:14	12/29/11 23:45	1
Dibenz(a,h)anthracene	<0.060		0.28	0.060	ug/L		12/23/11 13:14	12/29/11 23:45	1
Fluoranthene	**1.3**		0.93	0.30	ug/L		12/23/11 13:14	12/29/11 23:45	1
Fluorene	<0.36		0.93	0.36	ug/L		12/23/11 13:14	12/29/11 23:45	1
Indeno[1,2,3-cd]pyrene	**0.21**		0.19	0.079	ug/L		12/23/11 13:14	12/29/11 23:45	1
Naphthalene	<0.28	*	0.93	0.28	ug/L		12/23/11 13:14	12/29/11 23:45	1
Phenanthrene	<0.33		0.93	0.33	ug/L		12/23/11 13:14	12/29/11 23:45	1
Pyrene	**2.0**		0.93	0.45	ug/L		12/23/11 13:14	12/29/11 23:45	1
2-Methylnaphthalene	<0.12		0.47	0.12	ug/L		12/23/11 13:14	12/29/11 23:45	1
1-Methylnaphthalene	<0.93		0.93	0.93	ug/L		12/23/11 13:14	12/29/11 23:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*84*		*44 - 110*	*12/23/11 13:14*	*12/29/11 23:45*	*1*
Nitrobenzene-d5	*93*		*39 - 110*	*12/23/11 13:14*	*12/29/11 23:45*	*1*
Terphenyl-d14	*82*		*52 - 131*	*12/23/11 13:14*	*12/29/11 23:45*	*1*

Client Sample ID: P-113

Date Collected: 12/20/11 15:45
Date Received: 12/21/11 15:40

Lab Sample ID: 610-649-9

Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**1.3**		0.93	0.34	ug/L		12/23/11 13:14	12/30/11 13:45	1
Acenaphthylene	<0.30		0.93	0.30	ug/L		12/23/11 13:14	12/30/11 13:45	1
Anthracene	<0.30		0.93	0.30	ug/L		12/23/11 13:14	12/30/11 13:45	1
Benzo[a]anthracene	**0.14**	**J**	0.19	0.041	ug/L		12/23/11 13:14	12/30/11 13:45	1
Benzo[a]pyrene	<0.052		0.19	0.052	ug/L		12/23/11 13:14	12/30/11 13:45	1
Benzo[b]fluoranthene	<0.054		0.19	0.054	ug/L		12/23/11 13:14	12/30/11 13:45	1
Benzo[g,h,i]perylene	<0.39		0.93	0.39	ug/L		12/23/11 13:14	12/30/11 13:45	1
Benzo[k]fluoranthene	<0.069		0.19	0.069	ug/L		12/23/11 13:14	12/30/11 13:45	1
Chrysene	**0.13**	**J**	0.47	0.13	ug/L		12/23/11 13:14	12/30/11 13:45	1

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek- 117-2201257-02

TestAmerica Job ID: 610-649-1

Client Sample ID: P-113
Date Collected: 12/20/11 15:45
Date Received: 12/21/11 15:40

Lab Sample ID: 610-649-9
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	<0.060		0.28	0.060	ug/L		12/23/11 13:14	12/30/11 13:45	1
Fluoranthene	**2.0**		0.93	0.30	ug/L		12/23/11 13:14	12/30/11 13:45	1
Fluorene	**0.46**	**J**	0.93	0.36	ug/L		12/23/11 13:14	12/30/11 13:45	1
Indeno[1,2,3-cd]pyrene	<0.079		0.19	0.079	ug/L		12/23/11 13:14	12/30/11 13:45	1
Naphthalene	**0.80**	**J ***	0.93	0.28	ug/L		12/23/11 13:14	12/30/11 13:45	1
Phenanthrene	<0.33		0.93	0.33	ug/L		12/23/11 13:14	12/30/11 13:45	1
Pyrene	**1.3**		0.93	0.45	ug/L		12/23/11 13:14	12/30/11 13:45	1
2-Methylnaphthalene	<0.12		0.47	0.12	ug/L		12/23/11 13:14	12/30/11 13:45	1
1-Methylnaphthalene	<0.93		0.93	0.93	ug/L		12/23/11 13:14	12/30/11 13:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*80*		*44 - 110*	*12/23/11 13:14*	*12/30/11 13:45*	*1*
Nitrobenzene-d5	*79*		*39 - 110*	*12/23/11 13:14*	*12/30/11 13:45*	*1*
Terphenyl-d14	*78*		*52 - 131*	*12/23/11 13:14*	*12/30/11 13:45*	*1*

Surrogate Summary

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek- 117-2201257-02

TestAmerica Job ID: 610-649-1

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

Matrix: Ground Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		2FP	PHL	NBZ	FBP	TBP	TPH
Lab Sample ID	Client Sample ID	(20-100)	(20-100)	(39-110)	(44-110)	(46-126)	(52-131)
610-649-1	MW-102	14 X	11 X	71	71	69	63
610-649-2	MW-105			88	93		102
610-649-3	P-110	53	36	158 X	109	155 X	117
610-649-3 - DL	P-110	0 D	0 D	0 D	0 D	0 D	0 D
610-649-4	MW-111			83	78		76
610-649-5	MW-104			86	86		80
610-649-6	MW-116			85	81		78
610-649-7	MW-115			86	82		80
610-649-8	MW-112			93	84		82
610-649-9	P-113			79	80		78

Surrogate Legend

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

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

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		2FP	PHL	NBZ	FBP	TBP	TPH
Lab Sample ID	Client Sample ID	(20-100)	(20-100)	(39-110)	(44-110)	(46-126)	(52-131)
LCS 500-136746/2-A	Lab Control Sample	36	27	69	77	108	92
LCSD 500-136746/3-A	Lab Control Sample Dup	52	36	96	92	113	92
MB 500-136746/1-A	Method Blank	57	39	100	94	94	100

Surrogate Legend

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

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

Lab Sample ID: MB 500-136746/1-A
Matrix: Water
Analysis Batch: 137070

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 136746

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	<0.36		5.0	0.36	ug/L		12/23/11 13:14	12/29/11 13:09	1
Bis(2-chloroethyl)ether	<0.35		2.0	0.35	ug/L		12/23/11 13:14	12/29/11 13:09	1
1,3-Dichlorobenzene	<0.25		2.0	0.25	ug/L		12/23/11 13:14	12/29/11 13:09	1
1,4-Dichlorobenzene	<0.27		2.0	0.27	ug/L		12/23/11 13:14	12/29/11 13:09	1
1,2-Dichlorobenzene	<0.29		2.0	0.29	ug/L		12/23/11 13:14	12/29/11 13:09	1
Benzyl alcohol	<3.1		20	3.1	ug/L		12/23/11 13:14	12/29/11 13:09	1
2-Methylphenol	<0.31		2.0	0.31	ug/L		12/23/11 13:14	12/29/11 13:09	1
2,2'-oxybis[1-chloropropane]	<0.30		2.0	0.30	ug/L		12/23/11 13:14	12/29/11 13:09	1
N-Nitrosodi-n-propylamine	<0.14		0.50	0.14	ug/L		12/23/11 13:14	12/29/11 13:09	1
Hexachloroethane	<0.97		5.0	0.97	ug/L		12/23/11 13:14	12/29/11 13:09	1
2-Chlorophenol	<0.80		5.0	0.80	ug/L		12/23/11 13:14	12/29/11 13:09	1
Nitrobenzene	<0.45		1.0	0.45	ug/L		12/23/11 13:14	12/29/11 13:09	1
Bis(2-chloroethoxy)methane	<0.30		2.0	0.30	ug/L		12/23/11 13:14	12/29/11 13:09	1
1,2,4-Trichlorobenzene	<0.30		2.0	0.30	ug/L		12/23/11 13:14	12/29/11 13:09	1
Benzoic acid	<4.6		20	4.6	ug/L		12/23/11 13:14	12/29/11 13:09	1
Isophorone	<0.29		2.0	0.29	ug/L		12/23/11 13:14	12/29/11 13:09	1
2,4-Dimethylphenol	<3.3		10	3.3	ug/L		12/23/11 13:14	12/29/11 13:09	1
Hexachlorobutadiene	<1.1		5.0	1.1	ug/L		12/23/11 13:14	12/29/11 13:09	1
Naphthalene	<0.30		1.0	0.30	ug/L		12/23/11 13:14	12/29/11 13:09	1
2,4-Dichlorophenol	<2.3		10	2.3	ug/L		12/23/11 13:14	12/29/11 13:09	1
1-Methylnaphthalene	<1.0		1.0	1.0	ug/L		12/23/11 13:14	12/29/11 13:09	1
4-Chloroaniline	<2.1		10	2.1	ug/L		12/23/11 13:14	12/29/11 13:09	1
2,4,6-Trichlorophenol	<1.1		5.0	1.1	ug/L		12/23/11 13:14	12/29/11 13:09	1
2,4,5-Trichlorophenol	<2.3		10	2.3	ug/L		12/23/11 13:14	12/29/11 13:09	1
Hexachlorocyclopentadiene	<3.4		20	3.4	ug/L		12/23/11 13:14	12/29/11 13:09	1
2-Methylnaphthalene	<0.13		0.50	0.13	ug/L		12/23/11 13:14	12/29/11 13:09	1
2-Nitroaniline	<1.1		5.0	1.1	ug/L		12/23/11 13:14	12/29/11 13:09	1
2-Chloronaphthalene	<0.34		2.0	0.34	ug/L		12/23/11 13:14	12/29/11 13:09	1
4-Chloro-3-methylphenol	<2.2		10	2.2	ug/L		12/23/11 13:14	12/29/11 13:09	1
2,6-Dinitrotoluene	<0.12		0.50	0.12	ug/L		12/23/11 13:14	12/29/11 13:09	1
2-Nitrophenol	<2.1		10	2.1	ug/L		12/23/11 13:14	12/29/11 13:09	1
3-Nitroaniline	<2.3		10	2.3	ug/L		12/23/11 13:14	12/29/11 13:09	1
Dimethyl phthalate	<0.38		2.0	0.38	ug/L		12/23/11 13:14	12/29/11 13:09	1
2,4-Dinitrophenol	<7.4		20	7.4	ug/L		12/23/11 13:14	12/29/11 13:09	1
Acenaphthylene	<0.32		1.0	0.32	ug/L		12/23/11 13:14	12/29/11 13:09	1
2,4-Dinitrotoluene	<0.30		1.0	0.30	ug/L		12/23/11 13:14	12/29/11 13:09	1
Acenaphthene	<0.36		1.0	0.36	ug/L		12/23/11 13:14	12/29/11 13:09	1
Dibenzofuran	<0.35		2.0	0.35	ug/L		12/23/11 13:14	12/29/11 13:09	1
4-Nitrophenol	<2.3		20	2.3	ug/L		12/23/11 13:14	12/29/11 13:09	1
Fluorene	<0.38		1.0	0.38	ug/L		12/23/11 13:14	12/29/11 13:09	1
4-Nitroaniline	<3.9		10	3.9	ug/L		12/23/11 13:14	12/29/11 13:09	1
4-Bromophenyl phenyl ether	<0.91		5.0	0.91	ug/L		12/23/11 13:14	12/29/11 13:09	1
Hexachlorobenzene	<0.14		0.50	0.14	ug/L		12/23/11 13:14	12/29/11 13:09	1
Diethyl phthalate	<0.44		2.0	0.44	ug/L		12/23/11 13:14	12/29/11 13:09	1
4-Chlorophenyl phenyl ether	<0.81		5.0	0.81	ug/L		12/23/11 13:14	12/29/11 13:09	1
Pentachlorophenol	<5.6		20	5.6	ug/L		12/23/11 13:14	12/29/11 13:09	1
N-Nitrosodiphenylamine	<0.34		1.0	0.34	ug/L		12/23/11 13:14	12/29/11 13:09	1
4,6-Dinitro-2-methylphenol	<4.9		20	4.9	ug/L		12/23/11 13:14	12/29/11 13:09	1
Phenanthrene	<0.35		1.0	0.35	ug/L		12/23/11 13:14	12/29/11 13:09	1

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

Lab Sample ID: MB 500-136746/1-A
Matrix: Water
Analysis Batch: 137070

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 136746

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	<0.32		1.0	0.32	ug/L		12/23/11 13:14	12/29/11 13:09	1
Carbazole	<0.99		5.0	0.99	ug/L		12/23/11 13:14	12/29/11 13:09	1
Di-n-butyl phthalate	<0.80		5.0	0.80	ug/L		12/23/11 13:14	12/29/11 13:09	1
Fluoranthene	<0.32		1.0	0.32	ug/L		12/23/11 13:14	12/29/11 13:09	1
Pyrene	<0.48		1.0	0.48	ug/L		12/23/11 13:14	12/29/11 13:09	1
Butyl benzyl phthalate	<0.27		2.0	0.27	ug/L		12/23/11 13:14	12/29/11 13:09	1
Benzo[a]anthracene	<0.044		0.20	0.044	ug/L		12/23/11 13:14	12/29/11 13:09	1
Chrysene	<0.14		0.50	0.14	ug/L		12/23/11 13:14	12/29/11 13:09	1
3,3'-Dichlorobenzidine	<0.94		5.0	0.94	ug/L		12/23/11 13:14	12/29/11 13:09	1
Bis(2-ethylhexyl) phthalate	<2.4		10	2.4	ug/L		12/23/11 13:14	12/29/11 13:09	1
Di-n-octyl phthalate	<2.5		10	2.5	ug/L		12/23/11 13:14	12/29/11 13:09	1
Benzo[b]fluoranthene	<0.058		0.20	0.058	ug/L		12/23/11 13:14	12/29/11 13:09	1
Benzo[k]fluoranthene	<0.074		0.20	0.074	ug/L		12/23/11 13:14	12/29/11 13:09	1
Benzo[a]pyrene	<0.056		0.20	0.056	ug/L		12/23/11 13:14	12/29/11 13:09	1
Indeno[1,2,3-cd]pyrene	<0.084		0.20	0.084	ug/L		12/23/11 13:14	12/29/11 13:09	1
Dibenz(a,h)anthracene	<0.064		0.30	0.064	ug/L		12/23/11 13:14	12/29/11 13:09	1
Benzo[g,h,i]perylene	<0.42		1.0	0.42	ug/L		12/23/11 13:14	12/29/11 13:09	1
3 & 4 Methylphenol	<0.44		2.0	0.44	ug/L		12/23/11 13:14	12/29/11 13:09	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorophenol	*57*		*20 - 100*	*12/23/11 13:14*	*12/29/11 13:09*	*1*
Phenol-d5	*39*		*20 - 100*	*12/23/11 13:14*	*12/29/11 13:09*	*1*
Nitrobenzene-d5	*100*		*39 - 110*	*12/23/11 13:14*	*12/29/11 13:09*	*1*
2-Fluorobiphenyl	*94*		*44 - 110*	*12/23/11 13:14*	*12/29/11 13:09*	*1*
2,4,6-Tribromophenol	*94*		*46 - 126*	*12/23/11 13:14*	*12/29/11 13:09*	*1*
Terphenyl-d14	*100*		*52 - 131*	*12/23/11 13:14*	*12/29/11 13:09*	*1*

Lab Sample ID: LCS 500-136746/2-A
Matrix: Water
Analysis Batch: 137070

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 136746

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Phenol	50.0	13.9		ug/L		28	20 - 100
Bis(2-chloroethyl)ether	50.0	31.5		ug/L		63	49 - 103
1,3-Dichlorobenzene	50.0	24.6		ug/L		49	35 - 100
1,4-Dichlorobenzene	50.0	25.4		ug/L		51	36 - 100
1,2-Dichlorobenzene	50.0	26.3		ug/L		53	37 - 100
Benzyl alcohol	50.0	31.0		ug/L		62	46 - 100
2-Methylphenol	50.0	29.2		ug/L		58	48 - 100
2,2'-oxybis[1-chloropropane]	50.0	31.4		ug/L		63	42 - 101
N-Nitrosodi-n-propylamine	50.0	36.9		ug/L		74	53 - 108
Hexachloroethane	50.0	23.9		ug/L		48	32 - 100
2-Chlorophenol	50.0	30.2		ug/L		60	54 - 100
Nitrobenzene	50.0	34.7		ug/L		69	55 - 101
Bis(2-chloroethoxy)methane	50.0	36.0		ug/L		72	60 - 103
1,2,4-Trichlorobenzene	50.0	28.3		ug/L		57	42 - 100
Benzoic acid	50.0	17.6	J	ug/L		35	10 - 100
Isophorone	50.0	36.5		ug/L		73	53 - 100
2,4-Dimethylphenol	50.0	33.7		ug/L		67	57 - 100

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

Lab Sample ID: LCS 500-136746/2-A
Matrix: Water
Analysis Batch: 137070

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 136746

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Hexachlorobutadiene	50.0	25.2		ug/L		50	33 - 100
Naphthalene	50.0	32.4		ug/L		65	48 - 100
2,4-Dichlorophenol	50.0	37.2		ug/L		74	61 - 104
4-Chloroaniline	50.0	36.7		ug/L		73	57 - 101
2,4,6-Trichlorophenol	50.0	44.6		ug/L		89	62 - 106
2,4,5-Trichlorophenol	50.0	49.4		ug/L		99	68 - 112
Hexachlorocyclopentadiene	50.0	27.4		ug/L		55	16 - 100
2-Methylnaphthalene	50.0	32.3		ug/L		65	44 - 100
2-Nitroaniline	50.0	55.5		ug/L		111	65 - 130
2-Chloronaphthalene	50.0	37.4		ug/L		75	50 - 100
4-Chloro-3-methylphenol	50.0	41.4		ug/L		83	63 - 108
2,6-Dinitrotoluene	50.0	51.0		ug/L		102	70 - 112
2-Nitrophenol	50.0	36.5		ug/L		73	57 - 104
3-Nitroaniline	50.0	49.4		ug/L		99	64 - 113
Dimethyl phthalate	50.0	46.4		ug/L		93	66 - 110
2,4-Dinitrophenol	50.0	52.8		ug/L		106	46 - 129
Acenaphthylene	50.0	42.2		ug/L		84	56 - 102
2,4-Dinitrotoluene	50.0	54.7		ug/L		109	66 - 118
Acenaphthene	50.0	43.1		ug/L		86	54 - 107
Dibenzofuran	50.0	43.0		ug/L		86	56 - 105
4-Nitrophenol	50.0	22.4		ug/L		45	20 - 100
Fluorene	50.0	45.3		ug/L		91	56 - 111
4-Nitroaniline	50.0	50.8		ug/L		102	64 - 122
4-Bromophenyl phenyl ether	50.0	45.9		ug/L		92	64 - 116
Hexachlorobenzene	50.0	46.2		ug/L		92	66 - 119
Diethyl phthalate	50.0	48.0		ug/L		96	67 - 112
4-Chlorophenyl phenyl ether	50.0	42.9		ug/L		86	60 - 108
Pentachlorophenol	50.0	50.6		ug/L		101	47 - 133
N-Nitrosodiphenylamine	50.0	48.0		ug/L		96	69 - 118
4,6-Dinitro-2-methylphenol	50.0	51.0		ug/L		102	66 - 123
Phenanthrene	50.0	46.1		ug/L		92	64 - 114
Anthracene	50.0	43.7		ug/L		87	60 - 116
Carbazole	50.0	45.2		ug/L		90	69 - 115
Di-n-butyl phthalate	50.0	37.9		ug/L		76	66 - 120
Fluoranthene	50.0	43.4		ug/L		87	66 - 122
Pyrene	50.0	39.0		ug/L		78	62 - 123
Butyl benzyl phthalate	50.0	46.6		ug/L		93	72 - 123
Benzo[a]anthracene	50.0	47.0		ug/L		94	70 - 116
Chrysene	50.0	41.7		ug/L		83	64 - 121
3,3'-Dichlorobenzidine	50.0	44.2		ug/L		88	64 - 112
Bis(2-ethylhexyl) phthalate	50.0	43.3		ug/L		87	69 - 120
Di-n-octyl phthalate	50.0	37.7		ug/L		75	53 - 132
Benzo[b]fluoranthene	50.0	56.8		ug/L		114	57 - 125
Benzo[k]fluoranthene	50.0	43.9		ug/L		88	46 - 134
Benzo[a]pyrene	50.0	54.2		ug/L		108	59 - 127
Indeno[1,2,3-cd]pyrene	50.0	57.8		ug/L		116	63 - 136
Dibenz(a,h)anthracene	50.0	55.3		ug/L		111	62 - 135
Benzo[g,h,i]perylene	50.0	58.5		ug/L		117	64 - 133
3 & 4 Methylphenol	50.0	28.9		ug/L		58	44 - 100

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

Lab Sample ID: LCS 500-136746/2-A
Matrix: Water
Analysis Batch: 137070

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 136746

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorophenol	*36*		*20 - 100*
Phenol-d5	*27*		*20 - 100*
Nitrobenzene-d5	*69*		*39 - 110*
2-Fluorobiphenyl	*77*		*44 - 110*
2,4,6-Tribromophenol	*108*		*46 - 126*
Terphenyl-d14	*92*		*52 - 131*

Lab Sample ID: LCSD 500-136746/3-A
Matrix: Water
Analysis Batch: 137070

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 136746

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Phenol			50.0	18.4	*	ug/L		37	20 - 100	28	20
Bis(2-chloroethyl)ether			50.0	42.9	*	ug/L		86	49 - 103	31	20
1,3-Dichlorobenzene			50.0	34.7	*	ug/L		69	35 - 100	34	20
1,4-Dichlorobenzene			50.0	35.2	*	ug/L		70	36 - 100	32	20
1,2-Dichlorobenzene			50.0	36.6	*	ug/L		73	37 - 100	33	20
Benzyl alcohol			50.0	40.2	*	ug/L		80	46 - 100	26	20
2-Methylphenol			50.0	38.1	*	ug/L		76	48 - 100	26	20
2,2'-oxybis[1-chloropropane]			50.0	43.4	*	ug/L		87	42 - 101	32	20
N-Nitrosodi-n-propylamine			50.0	46.5	*	ug/L		93	53 - 108	23	20
Hexachloroethane			50.0	34.2	*	ug/L		68	32 - 100	35	20
2-Chlorophenol			50.0	41.7	*	ug/L		83	54 - 100	32	20
Nitrobenzene			50.0	45.7	*	ug/L		91	55 - 101	27	20
Bis(2-chloroethoxy)methane			50.0	46.2	*	ug/L		92	60 - 103	25	20
1,2,4-Trichlorobenzene			50.0	37.5	*	ug/L		75	42 - 100	28	20
Benzoic acid			50.0	18.4	J	ug/L		37	10 - 100	4	20
Isophorone			50.0	43.9		ug/L		88	53 - 100	18	20
2,4-Dimethylphenol			50.0	40.8		ug/L		82	57 - 100	19	20
Hexachlorobutadiene			50.0	34.8	*	ug/L		70	33 - 100	32	20
Naphthalene			50.0	40.3	*	ug/L		81	48 - 100	22	20
2,4-Dichlorophenol			50.0	45.5		ug/L		91	61 - 104	20	20
4-Chloroaniline			50.0	40.7		ug/L		81	57 - 101	10	20
2,4,6-Trichlorophenol			50.0	49.8		ug/L		100	62 - 106	11	20
2,4,5-Trichlorophenol			50.0	53.0		ug/L		106	68 - 112	7	20
Hexachlorocyclopentadiene			50.0	37.2	*	ug/L		74	16 - 100	30	20
2-Methylnaphthalene			50.0	39.1		ug/L		78	44 - 100	19	20
2-Nitroaniline			50.0	59.1		ug/L		118	65 - 130	6	20
2-Chloronaphthalene			50.0	42.9		ug/L		86	50 - 100	14	20
4-Chloro-3-methylphenol			50.0	45.0		ug/L		90	63 - 108	8	20
2,6-Dinitrotoluene			50.0	53.9		ug/L		108	70 - 112	6	20
2-Nitrophenol			50.0	47.5	*	ug/L		95	57 - 104	26	20
3-Nitroaniline			50.0	48.5		ug/L		97	64 - 113	2	20
Dimethyl phthalate			50.0	48.7		ug/L		97	66 - 110	5	20
2,4-Dinitrophenol			50.0	51.2		ug/L		102	46 - 129	3	20
Acenaphthylene			50.0	45.5		ug/L		91	56 - 102	8	20
2,4-Dinitrotoluene			50.0	54.2		ug/L		108	66 - 118	1	20
Acenaphthene			50.0	46.6		ug/L		93	54 - 107	8	20
Dibenzofuran			50.0	44.2		ug/L		88	56 - 105	3	20

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

Lab Sample ID: LCSD 500-136746/3-A
Matrix: Water
Analysis Batch: 137070

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 136746

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
4-Nitrophenol			50.0	22.8		ug/L		46	20 - 100	2	20
Fluorene			50.0	47.7		ug/L		95	56 - 111	5	20
4-Nitroaniline			50.0	53.5		ug/L		107	64 - 122	5	20
4-Bromophenyl phenyl ether			50.0	46.7		ug/L		93	64 - 116	2	20
Hexachlorobenzene			50.0	46.5		ug/L		93	66 - 119	1	20
Diethyl phthalate			50.0	49.3		ug/L		99	67 - 112	3	20
4-Chlorophenyl phenyl ether			50.0	45.6		ug/L		91	60 - 108	6	20
Pentachlorophenol			50.0	50.9		ug/L		102	47 - 133	1	20
N-Nitrosodiphenylamine			50.0	49.7		ug/L		99	69 - 118	3	20
4,6-Dinitro-2-methylphenol			50.0	55.3		ug/L		111	66 - 123	8	20
Phenanthrene			50.0	44.0		ug/L		88	64 - 114	5	20
Anthracene			50.0	42.6		ug/L		85	60 - 116	3	20
Carbazole			50.0	46.8		ug/L		94	69 - 115	3	20
Di-n-butyl phthalate			50.0	39.0		ug/L		78	66 - 120	3	20
Fluoranthene			50.0	45.4		ug/L		91	66 - 122	5	20
Pyrene			50.0	40.6		ug/L		81	62 - 123	4	20
Butyl benzyl phthalate			50.0	47.4		ug/L		95	72 - 123	2	20
Benzo[a]anthracene			50.0	45.3		ug/L		91	70 - 116	4	20
Chrysene			50.0	43.0		ug/L		86	64 - 121	3	20
3,3'-Dichlorobenzidine			50.0	42.8		ug/L		86	64 - 112	3	20
Bis(2-ethylhexyl) phthalate			50.0	44.2		ug/L		88	69 - 120	2	20
Di-n-octyl phthalate			50.0	40.6		ug/L		81	53 - 132	7	20
Benzo[b]fluoranthene			50.0	52.6		ug/L		105	57 - 125	8	20
Benzo[k]fluoranthene			50.0	48.5		ug/L		97	46 - 134	10	20
Benzo[a]pyrene			50.0	51.9		ug/L		104	59 - 127	4	20
Indeno[1,2,3-cd]pyrene			50.0	54.7		ug/L		109	63 - 136	6	20
Dibenz(a,h)anthracene			50.0	52.6		ug/L		105	62 - 135	5	20
Benzo[g,h,i]perylene			50.0	54.5		ug/L		109	64 - 133	7	20
3 & 4 Methylphenol			50.0	36.4	*	ug/L		73	44 - 100	23	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2-Fluorophenol	*52*		*20 - 100*
Phenol-d5	*36*		*20 - 100*
Nitrobenzene-d5	*96*		*39 - 110*
2-Fluorobiphenyl	*92*		*44 - 110*
2,4,6-Tribromophenol	*113*		*46 - 126*
Terphenyl-d14	*92*		*52 - 131*

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek- 117-2201257-02

TestAmerica Job ID: 610-649-1

GC/MS Semi VOA

Prep Batch: 136746

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
610-649-1	MW-102	Total/NA	Ground Water	3510C	
610-649-2	MW-105	Total/NA	Ground Water	3510C	
610-649-3	P-110	Total/NA	Ground Water	3510C	
610-649-3 - DL	P-110	Total/NA	Ground Water	3510C	
610-649-4	MW-111	Total/NA	Ground Water	3510C	
610-649-5	MW-104	Total/NA	Ground Water	3510C	
610-649-6	MW-116	Total/NA	Ground Water	3510C	
610-649-7	MW-115	Total/NA	Ground Water	3510C	
610-649-8	MW-112	Total/NA	Ground Water	3510C	
610-649-9	P-113	Total/NA	Ground Water	3510C	
LCS 500-136746/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 500-136746/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
MB 500-136746/1-A	Method Blank	Total/NA	Water	3510C	

Analysis Batch: 137069

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
610-649-2	MW-105	Total/NA	Ground Water	8270C	136746
610-649-3	P-110	Total/NA	Ground Water	8270C	136746
610-649-4	MW-111	Total/NA	Ground Water	8270C	136746
610-649-5	MW-104	Total/NA	Ground Water	8270C	136746
610-649-6	MW-116	Total/NA	Ground Water	8270C	136746
610-649-7	MW-115	Total/NA	Ground Water	8270C	136746
610-649-8	MW-112	Total/NA	Ground Water	8270C	136746

Analysis Batch: 137070

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 500-136746/2-A	Lab Control Sample	Total/NA	Water	8270C	136746
LCSD 500-136746/3-A	Lab Control Sample Dup	Total/NA	Water	8270C	136746
MB 500-136746/1-A	Method Blank	Total/NA	Water	8270C	136746

Analysis Batch: 137170

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
610-649-1	MW-102	Total/NA	Ground Water	8270C	136746
610-649-3 - DL	P-110	Total/NA	Ground Water	8270C	136746
610-649-9	P-113	Total/NA	Ground Water	8270C	136746

Lab Chronicle

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek- 117-2201257-02

TestAmerica Job ID: 610-649-1

Client Sample ID: MW-102
Date Collected: 12/20/11 11:45
Date Received: 12/21/11 15:40

Lab Sample ID: 610-649-1
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			136746	12/23/11 13:14	AW	TAL CHI
Total/NA	Analysis	8270C		1	137170	12/30/11 14:06	JB	TAL CHI

Client Sample ID: MW-105
Date Collected: 12/20/11 12:30
Date Received: 12/21/11 15:40

Lab Sample ID: 610-649-2
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			136746	12/23/11 13:14	AW	TAL CHI
Total/NA	Analysis	8270C		1	137069	12/29/11 21:36	JB	TAL CHI

Client Sample ID: P-110
Date Collected: 12/20/11 12:50
Date Received: 12/21/11 15:40

Lab Sample ID: 610-649-3
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			136746	12/23/11 13:14	AW	TAL CHI
Total/NA	Analysis	8270C		10	137069	12/29/11 21:57	JB	TAL CHI
Total/NA	Prep	3510C	DL		136746	12/23/11 13:14	AW	TAL CHI
Total/NA	Analysis	8270C	DL	100	137170	12/30/11 14:27	JB	TAL CHI

Client Sample ID: MW-111
Date Collected: 12/20/11 13:25
Date Received: 12/21/11 15:40

Lab Sample ID: 610-649-4
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			136746	12/23/11 13:14	AW	TAL CHI
Total/NA	Analysis	8270C		1	137069	12/29/11 22:19	JB	TAL CHI

Client Sample ID: MW-104
Date Collected: 12/20/11 13:50
Date Received: 12/21/11 15:40

Lab Sample ID: 610-649-5
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			136746	12/23/11 13:14	AW	TAL CHI
Total/NA	Analysis	8270C		1	137069	12/29/11 22:40	JB	TAL CHI

Client Sample ID: MW-116
Date Collected: 12/20/11 14:20
Date Received: 12/21/11 15:40

Lab Sample ID: 610-649-6
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			136746	12/23/11 13:14	AW	TAL CHI
Total/NA	Analysis	8270C		1	137069	12/29/11 23:02	JB	TAL CHI

Lab Chronicle

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek- 117-2201257-02

TestAmerica Job ID: 610-649-1

Client Sample ID: MW-115

Lab Sample ID: 610-649-7

Date Collected: 12/20/11 15:15
Matrix: Ground Water
Date Received: 12/21/11 15:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			136746	12/23/11 13:14	AW	TAL CHI
Total/NA	Analysis	8270C		1	137069	12/29/11 23:23	JB	TAL CHI

Client Sample ID: MW-112

Lab Sample ID: 610-649-8

Date Collected: 12/20/11 16:05
Matrix: Ground Water
Date Received: 12/21/11 15:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			136746	12/23/11 13:14	AW	TAL CHI
Total/NA	Analysis	8270C		1	137069	12/29/11 23:45	JB	TAL CHI

Client Sample ID: P-113

Lab Sample ID: 610-649-9

Date Collected: 12/20/11 15:45
Matrix: Ground Water
Date Received: 12/21/11 15:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			136746	12/23/11 13:14	AW	TAL CHI
Total/NA	Analysis	8270C		1	137170	12/30/11 13:45	JB	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- 117-2201257-02

TestAmerica Job ID: 610-649-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Watertown	Illinois	NELAC	5	100453
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: Beazer Oak Creek- 117-2201257-02

TestAmerica Job ID: 610-649-1

Method	Method Description	Protocol	Laboratory
8270C	Semivolatile Organic Compounds (GC/MS)	SW846	TAL CHI

Protocol References:

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- 117-2201257-02

TestAmerica Job ID: 610-649-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
610-649-1	MW-102	Ground Water	12/20/11 11:45	12/21/11 15:40
610-649-2	MW-105	Ground Water	12/20/11 12:30	12/21/11 15:40
610-649-3	P-110	Ground Water	12/20/11 12:50	12/21/11 15:40
610-649-4	MW-111	Ground Water	12/20/11 13:25	12/21/11 15:40
610-649-5	MW-104	Ground Water	12/20/11 13:50	12/21/11 15:40
610-649-6	MW-116	Ground Water	12/20/11 14:20	12/21/11 15:40
610-649-7	MW-115	Ground Water	12/20/11 15:15	12/21/11 15:40
610-649-8	MW-112	Ground Water	12/20/11 16:05	12/21/11 15:40
610-649-9	P-113	Ground Water	12/20/11 15:45	12/21/11 15:40

610-649

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Watertown Division
602 Commerce Drive
Watertown, WI 53094

Phone 920-261-1660 or 800-833-7036
Fax 920-261-8120

To assist us in using the proper analytical methods, is this work being conducted for regulatory purposes?
Compliance Monitoring

Client Name: TetraTech GEO Client #:
Address: 175 N. Corporate Dr. Suite 100
City/State/Zip Code: Brookfield, WI 53045
Project Manager: Mike Noel
Telephone Number: (262)792-1282 Fax (262)792-1310
Sampler Name: (Print Name) Ashley A. Weimer
Sampler Signature: Ashley A. Weimer

Project Name: Bearer Oak Creek - Wabash Alloys
Project #: 17-220257.02
Site/Location ID: Oak Creek State: WI
Report To: Mike Noel
Invoice To: TetraTech GEO
Quote #: PO#:

E-mail address:

TAT: X Standard; ___ Rush (surcharges may apply)
Date Needed: Standard
Fax Results: Y N
E-mail: Y N

QC Deliverables: ___ None; ___ Level 2 (Batch QC); ___ Level 3; ___ Level 4; Other: ___

SAMPLE ID	Date Sampled	Time Sampled	G = Grab, C = Composite	Field Filtered	Matrix (SL - Sludge, DW - Drinking Water, GW - Groundwater, S - Soil/Solid, WW - Wastewater, Specify Other)	Preservation & # of Containers: HNO_3	HCl	NaOH	H_2SO_4	Methanol	None	Other (Specify)	Analyze For: SVOCs	PAH	REMARKS
MW-102	12-20-11	11:45	G	NO	GW						2		✓	✓	
MW-105		12:30									2			✓	
P-110		12:50									2		✓		
MW-111		13:25									2			✓	
MW-104		13:50									2			✓	
MW-116		14:20									2			✓	
MW-115		15:15									2			✓	
MW-112		16:05									2			✓	
P-113		15:45									2			✓	

Special Instructions:

Relinquished By: Ashley A. Weimer	12-21-11	0800	Received By:	12/21/11	9:04
Relinquished By:	12/21/11	1241	Received By:	12/21/11	1540
Relinquished By:	Date:	Time:	Received By:	Date:	Time:

LABORATORY COMMENTS:
Init Lab Temp:
Rec Lab Temp: 2.2°C
Custody Seals: Y N N/A
Bottles Supplied by TestAmerica: Y N
Method of Shipment: TA

TAL-0020 (1207)

Login Sample Receipt Checklist

Client: Tetra Tech GEO

Job Number: 610-649-1

Login Number: 649

List Number: 1

Creator: Stark, Adam

List Source: TestAmerica Watertown

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.2
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 sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Tetra Tech GEO

Job Number: 610-649-1

Login Number: 649
List Number: 1
Creator: Kelsey, Shawn M

List Source: TestAmerica Chicago
List Creation: 12/22/11 02:09 PM

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
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 Watertown
1101 Industrial Drive
Watertown, WI 53094
Tel: (920)261-1660

TestAmerica Job ID: 610-683-1
Client Project/Site: 117-2201257.02 Beazer Oak

For:
Tetra Tech GEO
175 N Corporate Drive
Suite 100
Brookfield, Wisconsin 53045

Attn: Michael Noel

Karri Warnock

Authorized for release by:
1/6/2012 4:12:31 AM
Karri Warnock
Lab Director
karri.warnock@testamericainc.com

Designee for

Dan Milewsky
Project Manager II
dan.milewsky@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

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 Beazer Oak

TestAmerica Job ID: 610-683-1

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.

Metals

Qualifier	Qualifier Description
^	ICV,CCV,ICB,CCB, ISA, ISB, CRI, CRA, DLCK or MRL standard: Instrument related QC 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.

Glossary

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

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

TestAmerica Job ID: 610-683-1

Job ID: 610-683-1

Laboratory: TestAmerica Watertown

Narrative

Job Narrative
610-683-1

Comments
No additional comments.

Receipt
All samples were received in good condition within temperature requirements.

GC/MS VOA
Method(s) 8260B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 1108 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method(s) 8260B: A full list spike was utilized for this method. Due to the large number of spiked analytes, there is a high probability that one or more analytes will recover outside acceptance limits. The laboratory's SOP allows for 20% of target analytes to recover outside criteria for this method when a full list spike is utilized. The LCS associated with batch 1108,1126 had 1 analyte(s) outside control limits; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

No other analytical or quality issues were noted.

Metals
Method(s) 6020: The ICSA for batch 137399 exceeded the acceptance limits for element: Cd. The sample results were below the RL. The samples, therefore, have been reported.

No other analytical or quality issues were noted.

Field Service / Mobile Lab
No analytical or quality issues were noted.

VOA Prep
No analytical or quality issues were noted.

Detection Summary

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

TestAmerica Job ID: 610-683-1

Client Sample ID: MW-102 — Lab Sample ID: 610-683-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	170		2.5	0.40	ug/L	1		6020	Dissolved

Client Sample ID: MW-105 — Lab Sample ID: 610-683-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	98		2.5	0.40	ug/L	1		6020	Dissolved
Selenium	0.81	J	2.5	0.37	ug/L	1		6020	Dissolved

Client Sample ID: P-110 — Lab Sample ID: 610-683-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	6.8	J	40	4.0	ug/L	20		8260B	Total/NA
Ethylbenzene	11	J	40	10	ug/L	20		8260B	Total/NA
Naphthalene	3000		100	5.0	ug/L	20		8260B	Total/NA
Toluene	17	J	40	10	ug/L	20		8260B	Total/NA
1,2,4-Trimethylbenzene	22	J	40	4.0	ug/L	20		8260B	Total/NA
1,3,5-Trimethylbenzene	13	J	40	4.0	ug/L	20		8260B	Total/NA
Xylenes, Total	44	J	120	10	ug/L	20		8260B	Total/NA
Arsenic	0.34	J	1.0	0.14	ug/L	1		6020	Dissolved
Barium	51		2.5	0.40	ug/L	1		6020	Dissolved
Selenium	0.40	J	2.5	0.37	ug/L	1		6020	Dissolved

Client Sample ID: MW-111 — Lab Sample ID: 610-683-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.21	J	2.0	0.20	ug/L	1		8260B	Total/NA
Naphthalene	0.37	J	5.0	0.25	ug/L	1		8260B	Total/NA
Barium	170		2.5	0.40	ug/L	1		6020	Dissolved

Client Sample ID: MW-104 — Lab Sample ID: 610-683-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	130		2.5	0.40	ug/L	1		6020	Dissolved
Lead	0.14	J	0.50	0.13	ug/L	1		6020	Dissolved
Selenium	2.6		2.5	0.37	ug/L	1		6020	Dissolved

Client Sample ID: MW-116 — Lab Sample ID: 610-683-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	0.45	J	5.0	0.25	ug/L	1		8260B	Total/NA
Barium	520		2.5	0.40	ug/L	1		6020	Dissolved
Cadmium	0.14	J ^	0.50	0.12	ug/L	1		6020	Dissolved
Selenium	1.3	J	2.5	0.37	ug/L	1		6020	Dissolved

Client Sample ID: MW-115 — Lab Sample ID: 610-683-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	170		2.5	0.40	ug/L	1		6020	Dissolved
Selenium	4.5		2.5	0.37	ug/L	1		6020	Dissolved

Client Sample ID: P-113 — Lab Sample ID: 610-683-8

Detection Summary

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

TestAmerica Job ID: 610-683-1

Client Sample ID: P-113 (Continued) — Lab Sample ID: 610-683-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.22	J	2.0	0.20	ug/L	1		8260B	Total/NA
Barium	170		2.5	0.40	ug/L	1		6020	Dissolved

Client Sample ID: MW-112 — Lab Sample ID: 610-683-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	120		2.5	0.40	ug/L	1		6020	Dissolved
Selenium	3.3		2.5	0.37	ug/L	1		6020	Dissolved

Client Sample ID: TB-1 — Lab Sample ID: 610-683-10

No Detections

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

TestAmerica Job ID: 610-683-1

Client Sample ID: MW-102
Date Collected: 12/21/11 09:50
Date Received: 12/22/11 14:53

Lab Sample ID: 610-683-1
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.20		2.0	0.20	ug/L			12/27/11 14:54	1
Bromobenzene	<0.20		2.0	0.20	ug/L			12/27/11 14:54	1
Bromochloromethane	<0.50		2.0	0.50	ug/L			12/27/11 14:54	1
Bromodichloromethane	<0.20		2.0	0.20	ug/L			12/27/11 14:54	1
Bromoform	<0.20		5.0	0.20	ug/L			12/27/11 14:54	1
Bromomethane	<0.50		5.0	0.50	ug/L			12/27/11 14:54	1
n-Butylbenzene	<0.20		2.0	0.20	ug/L			12/27/11 14:54	1
sec-Butylbenzene	<0.25		2.0	0.25	ug/L			12/27/11 14:54	1
tert-Butylbenzene	<0.20		2.0	0.20	ug/L			12/27/11 14:54	1
Carbon tetrachloride	<0.80		2.0	0.80	ug/L			12/27/11 14:54	1
Chlorobenzene	<0.20		2.0	0.20	ug/L			12/27/11 14:54	1
Chlorodibromomethane	<0.20		2.0	0.20	ug/L			12/27/11 14:54	1
Chloroethane	<1.0		5.0	1.0	ug/L			12/27/11 14:54	1
Chloroform	<0.20		2.0	0.20	ug/L			12/27/11 14:54	1
Chloromethane	<0.30		2.0	0.30	ug/L			12/27/11 14:54	1
2-Chlorotoluene	<0.50		2.0	0.50	ug/L			12/27/11 14:54	1
4-Chlorotoluene	<0.20		2.0	0.20	ug/L			12/27/11 14:54	1
1,2-Dibromo-3-Chloropropane	<0.50		2.0	0.50	ug/L			12/27/11 14:54	1
1,2-Dibromoethane (EDB)	<0.20		2.0	0.20	ug/L			12/27/11 14:54	1
Dibromomethane	<0.20		2.0	0.20	ug/L			12/27/11 14:54	1
1,2-Dichlorobenzene	<0.20		2.0	0.20	ug/L			12/27/11 14:54	1
1,3-Dichlorobenzene	<0.20		2.0	0.20	ug/L			12/27/11 14:54	1
1,4-Dichlorobenzene	<0.50		2.0	0.50	ug/L			12/27/11 14:54	1
Dichlorodifluoromethane	<0.50		2.0	0.50	ug/L			12/27/11 14:54	1
1,1-Dichloroethane	<0.50		2.0	0.50	ug/L			12/27/11 14:54	1
1,2-Dichloroethane	<0.50		2.0	0.50	ug/L			12/27/11 14:54	1
1,1-Dichloroethene	<0.50		2.0	0.50	ug/L			12/27/11 14:54	1
cis-1,2-Dichloroethene	<0.50		2.0	0.50	ug/L			12/27/11 14:54	1
trans-1,2-Dichloroethene	<0.50		2.0	0.50	ug/L			12/27/11 14:54	1
1,2-Dichloropropane	<0.50		2.0	0.50	ug/L			12/27/11 14:54	1
1,3-Dichloropropane	<0.25		2.0	0.25	ug/L			12/27/11 14:54	1
2,2-Dichloropropane	<0.50		2.0	0.50	ug/L			12/27/11 14:54	1
1,1-Dichloropropene	<0.50		2.0	0.50	ug/L			12/27/11 14:54	1
cis-1,3-Dichloropropene	<0.20		2.0	0.20	ug/L			12/27/11 14:54	1
trans-1,3-Dichloropropene	<0.20		2.0	0.20	ug/L			12/27/11 14:54	1
Isopropyl ether	<0.50		2.0	0.50	ug/L			12/27/11 14:54	1
Ethylbenzene	<0.50		2.0	0.50	ug/L			12/27/11 14:54	1
Hexachlorobutadiene	<0.50		2.0	0.50	ug/L			12/27/11 14:54	1
Isopropylbenzene	<0.20		2.0	0.20	ug/L			12/27/11 14:54	1
p-Isopropyltoluene	<0.20		2.0	0.20	ug/L			12/27/11 14:54	1
Methylene Chloride	<1.0		2.0	1.0	ug/L			12/27/11 14:54	1
Methyl tert-butyl ether	<0.50		2.0	0.50	ug/L			12/27/11 14:54	1
Naphthalene	<0.25		5.0	0.25	ug/L			12/27/11 14:54	1
N-Propylbenzene	<0.50		2.0	0.50	ug/L			12/27/11 14:54	1
Styrene	<0.50		5.0	0.50	ug/L			12/27/11 14:54	1
1,1,1,2-Tetrachloroethane	<0.25		2.0	0.25	ug/L			12/27/11 14:54	1
1,1,2,2-Tetrachloroethane	<0.20		2.0	0.20	ug/L			12/27/11 14:54	1
Tetrachloroethene	<0.50		2.0	0.50	ug/L			12/27/11 14:54	1
Toluene	<0.50		2.0	0.50	ug/L			12/27/11 14:54	1
1,2,3-Trichlorobenzene	<0.25		2.0	0.25	ug/L			12/27/11 14:54	1

Client Sample ID: MW-102

Date Collected: 12/21/11 09:50
Date Received: 12/22/11 14:53

Lab Sample ID: 610-683-1
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.25		2.0	0.25	ug/L			12/27/11 14:54	1
1,1,1-Trichloroethane	<0.50		2.0	0.50	ug/L			12/27/11 14:54	1
1,1,2-Trichloroethane	<0.25		2.0	0.25	ug/L			12/27/11 14:54	1
Trichloroethene	<0.20		2.0	0.20	ug/L			12/27/11 14:54	1
Trichlorofluoromethane	<0.50		2.0	0.50	ug/L			12/27/11 14:54	1
1,2,3-Trichloropropane	<0.50		2.0	0.50	ug/L			12/27/11 14:54	1
1,2,4-Trimethylbenzene	<0.20		2.0	0.20	ug/L			12/27/11 14:54	1
1,3,5-Trimethylbenzene	<0.20		2.0	0.20	ug/L			12/27/11 14:54	1
Vinyl chloride	<0.20		2.0	0.20	ug/L			12/27/11 14:54	1
Xylenes, Total	<0.50		6.0	0.50	ug/L			12/27/11 14:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*		*12/27/11 14:54*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*		*12/27/11 14:54*	*1*
Dibromofluoromethane (Surr)	*101*		*80 - 120*		*12/27/11 14:54*	*1*

Method: 6020 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.11		0.50	0.11	ug/L		12/23/11 16:00	01/04/12 18:41	1
Arsenic	<0.14		1.0	0.14	ug/L		12/23/11 16:00	01/04/12 18:41	1
Barium	**170**		2.5	0.40	ug/L		12/23/11 16:00	01/04/12 18:41	1
Cadmium	<0.12	^	0.50	0.12	ug/L		12/23/11 16:00	01/04/12 18:41	1
Chromium	<0.59		5.0	0.59	ug/L		12/23/11 16:00	01/04/12 18:41	1
Lead	<0.13		0.50	0.13	ug/L		12/23/11 16:00	01/04/12 18:41	1
Selenium	<0.37		2.5	0.37	ug/L		12/23/11 16:00	01/04/12 18:41	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.070		0.20	0.070	ug/L		12/27/11 12:50	12/28/11 13:38	1

Client Sample ID: MW-105

Date Collected: 12/21/11 10:35
Date Received: 12/22/11 14:53

Lab Sample ID: 610-683-2
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.20		2.0	0.20	ug/L			12/27/11 15:20	1
Bromobenzene	<0.20		2.0	0.20	ug/L			12/27/11 15:20	1
Bromochloromethane	<0.50		2.0	0.50	ug/L			12/27/11 15:20	1
Bromodichloromethane	<0.20		2.0	0.20	ug/L			12/27/11 15:20	1
Bromoform	<0.20		5.0	0.20	ug/L			12/27/11 15:20	1
Bromomethane	<0.50		5.0	0.50	ug/L			12/27/11 15:20	1
n-Butylbenzene	<0.20		2.0	0.20	ug/L			12/27/11 15:20	1
sec-Butylbenzene	<0.25		2.0	0.25	ug/L			12/27/11 15:20	1
tert-Butylbenzene	<0.20		2.0	0.20	ug/L			12/27/11 15:20	1
Carbon tetrachloride	<0.80		2.0	0.80	ug/L			12/27/11 15:20	1
Chlorobenzene	<0.20		2.0	0.20	ug/L			12/27/11 15:20	1
Chlorodibromomethane	<0.20		2.0	0.20	ug/L			12/27/11 15:20	1
Chloroethane	<1.0		5.0	1.0	ug/L			12/27/11 15:20	1
Chloroform	<0.20		2.0	0.20	ug/L			12/27/11 15:20	1

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

TestAmerica Job ID: 610-683-1

Client Sample ID: MW-105
Date Collected: 12/21/11 10:35
Date Received: 12/22/11 14:53

Lab Sample ID: 610-683-2
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	<0.30		2.0	0.30	ug/L			12/27/11 15:20	1
2-Chlorotoluene	<0.50		2.0	0.50	ug/L			12/27/11 15:20	1
4-Chlorotoluene	<0.20		2.0	0.20	ug/L			12/27/11 15:20	1
1,2-Dibromo-3-Chloropropane	<0.50		2.0	0.50	ug/L			12/27/11 15:20	1
1,2-Dibromoethane (EDB)	<0.20		2.0	0.20	ug/L			12/27/11 15:20	1
Dibromomethane	<0.20		2.0	0.20	ug/L			12/27/11 15:20	1
1,2-Dichlorobenzene	<0.20		2.0	0.20	ug/L			12/27/11 15:20	1
1,3-Dichlorobenzene	<0.20		2.0	0.20	ug/L			12/27/11 15:20	1
1,4-Dichlorobenzene	<0.50		2.0	0.50	ug/L			12/27/11 15:20	1
Dichlorodifluoromethane	<0.50		2.0	0.50	ug/L			12/27/11 15:20	1
1,1-Dichloroethane	<0.50		2.0	0.50	ug/L			12/27/11 15:20	1
1,2-Dichloroethane	<0.50		2.0	0.50	ug/L			12/27/11 15:20	1
1,1-Dichloroethene	<0.50		2.0	0.50	ug/L			12/27/11 15:20	1
cis-1,2-Dichloroethene	<0.50		2.0	0.50	ug/L			12/27/11 15:20	1
trans-1,2-Dichloroethene	<0.50		2.0	0.50	ug/L			12/27/11 15:20	1
1,2-Dichloropropane	<0.50		2.0	0.50	ug/L			12/27/11 15:20	1
1,3-Dichloropropane	<0.25		2.0	0.25	ug/L			12/27/11 15:20	1
2,2-Dichloropropane	<0.50		2.0	0.50	ug/L			12/27/11 15:20	1
1,1-Dichloropropene	<0.50		2.0	0.50	ug/L			12/27/11 15:20	1
cis-1,3-Dichloropropene	<0.20		2.0	0.20	ug/L			12/27/11 15:20	1
trans-1,3-Dichloropropene	<0.20		2.0	0.20	ug/L			12/27/11 15:20	1
Isopropyl ether	<0.50		2.0	0.50	ug/L			12/27/11 15:20	1
Ethylbenzene	<0.50		2.0	0.50	ug/L			12/27/11 15:20	1
Hexachlorobutadiene	<0.50		2.0	0.50	ug/L			12/27/11 15:20	1
Isopropylbenzene	<0.20		2.0	0.20	ug/L			12/27/11 15:20	1
p-Isopropyltoluene	<0.20		2.0	0.20	ug/L			12/27/11 15:20	1
Methylene Chloride	<1.0		2.0	1.0	ug/L			12/27/11 15:20	1
Methyl tert-butyl ether	<0.50		2.0	0.50	ug/L			12/27/11 15:20	1
Naphthalene	<0.25		5.0	0.25	ug/L			12/27/11 15:20	1
N-Propylbenzene	<0.50		2.0	0.50	ug/L			12/27/11 15:20	1
Styrene	<0.50		5.0	0.50	ug/L			12/27/11 15:20	1
1,1,1,2-Tetrachloroethane	<0.25		2.0	0.25	ug/L			12/27/11 15:20	1
1,1,2,2-Tetrachloroethane	<0.20		2.0	0.20	ug/L			12/27/11 15:20	1
Tetrachloroethene	<0.50		2.0	0.50	ug/L			12/27/11 15:20	1
Toluene	<0.50		2.0	0.50	ug/L			12/27/11 15:20	1
1,2,3-Trichlorobenzene	<0.25		2.0	0.25	ug/L			12/27/11 15:20	1
1,2,4-Trichlorobenzene	<0.25		2.0	0.25	ug/L			12/27/11 15:20	1
1,1,1-Trichloroethane	<0.50		2.0	0.50	ug/L			12/27/11 15:20	1
1,1,2-Trichloroethane	<0.25		2.0	0.25	ug/L			12/27/11 15:20	1
Trichloroethene	<0.20		2.0	0.20	ug/L			12/27/11 15:20	1
Trichlorofluoromethane	<0.50		2.0	0.50	ug/L			12/27/11 15:20	1
1,2,3-Trichloropropane	<0.50		2.0	0.50	ug/L			12/27/11 15:20	1
1,2,4-Trimethylbenzene	<0.20		2.0	0.20	ug/L			12/27/11 15:20	1
1,3,5-Trimethylbenzene	<0.20		2.0	0.20	ug/L			12/27/11 15:20	1
Vinyl chloride	<0.20		2.0	0.20	ug/L			12/27/11 15:20	1
Xylenes, Total	<0.50		6.0	0.50	ug/L			12/27/11 15:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*		*12/27/11 15:20*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*		*12/27/11 15:20*	*1*

Client Sample ID: MW-105

Date Collected: 12/21/11 10:35
Date Received: 12/22/11 14:53

Lab Sample ID: 610-683-2
Matrix: Ground Water

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	*101*		*80 - 120*		*12/27/11 15:20*	*1*

Method: 6020 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.11		0.50	0.11	ug/L		12/23/11 16:00	01/04/12 18:44	1
Arsenic	<0.14		1.0	0.14	ug/L		12/23/11 16:00	01/04/12 18:44	1
Barium	**98**		2.5	0.40	ug/L		12/23/11 16:00	01/04/12 18:44	1
Cadmium	<0.12	^	0.50	0.12	ug/L		12/23/11 16:00	01/04/12 18:44	1
Chromium	<0.59		5.0	0.59	ug/L		12/23/11 16:00	01/04/12 18:44	1
Lead	<0.13		0.50	0.13	ug/L		12/23/11 16:00	01/04/12 18:44	1
Selenium	**0.81**	**J**	2.5	0.37	ug/L		12/23/11 16:00	01/04/12 18:44	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.070		0.20	0.070	ug/L		12/27/11 12:50	12/28/11 13:41	1

Client Sample ID: P-110

Date Collected: 12/21/11 11:20
Date Received: 12/22/11 14:53

Lab Sample ID: 610-683-3
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**6.8**	**J**	40	4.0	ug/L			12/28/11 16:38	20
Bromobenzene	<4.0		40	4.0	ug/L			12/28/11 16:38	20
Bromochloromethane	<10		40	10	ug/L			12/28/11 16:38	20
Bromodichloromethane	<4.0		40	4.0	ug/L			12/28/11 16:38	20
Bromoform	<4.0		100	4.0	ug/L			12/28/11 16:38	20
Bromomethane	<10		100	10	ug/L			12/28/11 16:38	20
n-Butylbenzene	<4.0		40	4.0	ug/L			12/28/11 16:38	20
sec-Butylbenzene	<5.0		40	5.0	ug/L			12/28/11 16:38	20
tert-Butylbenzene	<4.0		40	4.0	ug/L			12/28/11 16:38	20
Carbon tetrachloride	<16		40	16	ug/L			12/28/11 16:38	20
Chlorobenzene	<4.0		40	4.0	ug/L			12/28/11 16:38	20
Chlorodibromomethane	<4.0		40	4.0	ug/L			12/28/11 16:38	20
Chloroethane	<20		100	20	ug/L			12/28/11 16:38	20
Chloroform	<4.0		40	4.0	ug/L			12/28/11 16:38	20
Chloromethane	<6.0		40	6.0	ug/L			12/28/11 16:38	20
2-Chlorotoluene	<10		40	10	ug/L			12/28/11 16:38	20
4-Chlorotoluene	<4.0		40	4.0	ug/L			12/28/11 16:38	20
1,2-Dibromo-3-Chloropropane	<10		40	10	ug/L			12/28/11 16:38	20
1,2-Dibromoethane (EDB)	<4.0		40	4.0	ug/L			12/28/11 16:38	20
Dibromomethane	<4.0		40	4.0	ug/L			12/28/11 16:38	20
1,2-Dichlorobenzene	<4.0		40	4.0	ug/L			12/28/11 16:38	20
1,3-Dichlorobenzene	<4.0		40	4.0	ug/L			12/28/11 16:38	20
1,4-Dichlorobenzene	<10		40	10	ug/L			12/28/11 16:38	20
Dichlorodifluoromethane	<10		40	10	ug/L			12/28/11 16:38	20
1,1-Dichloroethane	<10		40	10	ug/L			12/28/11 16:38	20
1,2-Dichloroethane	<10		40	10	ug/L			12/28/11 16:38	20
1,1-Dichloroethene	<10		40	10	ug/L			12/28/11 16:38	20

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

TestAmerica Job ID: 610-683-1

Client Sample ID: P-110
Date Collected: 12/21/11 11:20
Date Received: 12/22/11 14:53

Lab Sample ID: 610-683-3
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	<10		40	10	ug/L			12/28/11 16:38	20
trans-1,2-Dichloroethene	<10		40	10	ug/L			12/28/11 16:38	20
1,2-Dichloropropane	<10		40	10	ug/L			12/28/11 16:38	20
1,3-Dichloropropane	<5.0		40	5.0	ug/L			12/28/11 16:38	20
2,2-Dichloropropane	<10		40	10	ug/L			12/28/11 16:38	20
1,1-Dichloropropene	<10		40	10	ug/L			12/28/11 16:38	20
cis-1,3-Dichloropropene	<4.0		40	4.0	ug/L			12/28/11 16:38	20
trans-1,3-Dichloropropene	<4.0		40	4.0	ug/L			12/28/11 16:38	20
Isopropyl ether	<10		40	10	ug/L			12/28/11 16:38	20
Ethylbenzene	**11**	**J**	40	10	ug/L			12/28/11 16:38	20
Hexachlorobutadiene	<10		40	10	ug/L			12/28/11 16:38	20
Isopropylbenzene	<4.0		40	4.0	ug/L			12/28/11 16:38	20
p-Isopropyltoluene	<4.0		40	4.0	ug/L			12/28/11 16:38	20
Methylene Chloride	<20		40	20	ug/L			12/28/11 16:38	20
Methyl tert-butyl ether	<10		40	10	ug/L			12/28/11 16:38	20
Naphthalene	**3000**		100	5.0	ug/L			12/28/11 16:38	20
N-Propylbenzene	<10		40	10	ug/L			12/28/11 16:38	20
Styrene	<10		100	10	ug/L			12/28/11 16:38	20
1,1,1,2-Tetrachloroethane	<5.0		40	5.0	ug/L			12/28/11 16:38	20
1,1,2,2-Tetrachloroethane	<4.0		40	4.0	ug/L			12/28/11 16:38	20
Tetrachloroethene	<10		40	10	ug/L			12/28/11 16:38	20
Toluene	**17**	**J**	40	10	ug/L			12/28/11 16:38	20
1,2,3-Trichlorobenzene	<5.0	*	40	5.0	ug/L			12/28/11 16:38	20
1,2,4-Trichlorobenzene	<5.0		40	5.0	ug/L			12/28/11 16:38	20
1,1,1-Trichloroethane	<10		40	10	ug/L			12/28/11 16:38	20
1,1,2-Trichloroethane	<5.0		40	5.0	ug/L			12/28/11 16:38	20
Trichloroethene	<4.0		40	4.0	ug/L			12/28/11 16:38	20
Trichlorofluoromethane	<10		40	10	ug/L			12/28/11 16:38	20
1,2,3-Trichloropropane	<10		40	10	ug/L			12/28/11 16:38	20
1,2,4-Trimethylbenzene	**22**	**J**	40	4.0	ug/L			12/28/11 16:38	20
1,3,5-Trimethylbenzene	**13**	**J**	40	4.0	ug/L			12/28/11 16:38	20
Vinyl chloride	<4.0		40	4.0	ug/L			12/28/11 16:38	20
Xylenes, Total	**44**	**J**	120	10	ug/L			12/28/11 16:38	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*		*12/28/11 16:38*	*20*
Toluene-d8 (Surr)	*102*		*80 - 120*		*12/28/11 16:38*	*20*
Dibromofluoromethane (Surr)	*98*		*80 - 120*		*12/28/11 16:38*	*20*

Method: 6020 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.11		0.50	0.11	ug/L		12/23/11 16:00	01/04/12 18:47	1
Arsenic	**0.34**	**J**	1.0	0.14	ug/L		12/23/11 16:00	01/04/12 18:47	1
Barium	**51**		2.5	0.40	ug/L		12/23/11 16:00	01/04/12 18:47	1
Cadmium	<0.12	^	0.50	0.12	ug/L		12/23/11 16:00	01/04/12 18:47	1
Chromium	<0.59		5.0	0.59	ug/L		12/23/11 16:00	01/04/12 18:47	1
Lead	<0.13		0.50	0.13	ug/L		12/23/11 16:00	01/04/12 18:47	1
Selenium	**0.40**	**J**	2.5	0.37	ug/L		12/23/11 16:00	01/04/12 18:47	1

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

TestAmerica Job ID: 610-683-1

Client Sample ID: P-110

Date Collected: 12/21/11 11:20
Date Received: 12/22/11 14:53

Lab Sample ID: 610-683-3

Matrix: Ground Water

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.070		0.20	0.070	ug/L		12/27/11 12:50	12/28/11 13:44	1

Client Sample ID: MW-111

Date Collected: 12/21/11 11:50
Date Received: 12/22/11 14:53

Lab Sample ID: 610-683-4

Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.20		2.0	0.20	ug/L			12/27/11 15:47	1
Bromobenzene	<0.20		2.0	0.20	ug/L			12/27/11 15:47	1
Bromochloromethane	<0.50		2.0	0.50	ug/L			12/27/11 15:47	1
Bromodichloromethane	<0.20		2.0	0.20	ug/L			12/27/11 15:47	1
Bromoform	<0.20		5.0	0.20	ug/L			12/27/11 15:47	1
Bromomethane	<0.50		5.0	0.50	ug/L			12/27/11 15:47	1
n-Butylbenzene	<0.20		2.0	0.20	ug/L			12/27/11 15:47	1
sec-Butylbenzene	<0.25		2.0	0.25	ug/L			12/27/11 15:47	1
tert-Butylbenzene	<0.20		2.0	0.20	ug/L			12/27/11 15:47	1
Carbon tetrachloride	<0.80		2.0	0.80	ug/L			12/27/11 15:47	1
Chlorobenzene	<0.20		2.0	0.20	ug/L			12/27/11 15:47	1
Chlorodibromomethane	<0.20		2.0	0.20	ug/L			12/27/11 15:47	1
Chloroethane	<1.0		5.0	1.0	ug/L			12/27/11 15:47	1
Chloroform	**0.21**	**J**	2.0	0.20	ug/L			12/27/11 15:47	1
Chloromethane	<0.30		2.0	0.30	ug/L			12/27/11 15:47	1
2-Chlorotoluene	<0.50		2.0	0.50	ug/L			12/27/11 15:47	1
4-Chlorotoluene	<0.20		2.0	0.20	ug/L			12/27/11 15:47	1
1,2-Dibromo-3-Chloropropane	<0.50		2.0	0.50	ug/L			12/27/11 15:47	1
1,2-Dibromoethane (EDB)	<0.20		2.0	0.20	ug/L			12/27/11 15:47	1
Dibromomethane	<0.20		2.0	0.20	ug/L			12/27/11 15:47	1
1,2-Dichlorobenzene	<0.20		2.0	0.20	ug/L			12/27/11 15:47	1
1,3-Dichlorobenzene	<0.20		2.0	0.20	ug/L			12/27/11 15:47	1
1,4-Dichlorobenzene	<0.50		2.0	0.50	ug/L			12/27/11 15:47	1
Dichlorodifluoromethane	<0.50		2.0	0.50	ug/L			12/27/11 15:47	1
1,1-Dichloroethane	<0.50		2.0	0.50	ug/L			12/27/11 15:47	1
1,2-Dichloroethane	<0.50		2.0	0.50	ug/L			12/27/11 15:47	1
1,1-Dichloroethene	<0.50		2.0	0.50	ug/L			12/27/11 15:47	1
cis-1,2-Dichloroethene	<0.50		2.0	0.50	ug/L			12/27/11 15:47	1
trans-1,2-Dichloroethene	<0.50		2.0	0.50	ug/L			12/27/11 15:47	1
1,2-Dichloropropane	<0.50		2.0	0.50	ug/L			12/27/11 15:47	1
1,3-Dichloropropane	<0.25		2.0	0.25	ug/L			12/27/11 15:47	1
2,2-Dichloropropane	<0.50		2.0	0.50	ug/L			12/27/11 15:47	1
1,1-Dichloropropene	<0.50		2.0	0.50	ug/L			12/27/11 15:47	1
cis-1,3-Dichloropropene	<0.20		2.0	0.20	ug/L			12/27/11 15:47	1
trans-1,3-Dichloropropene	<0.20		2.0	0.20	ug/L			12/27/11 15:47	1
Isopropyl ether	<0.50		2.0	0.50	ug/L			12/27/11 15:47	1
Ethylbenzene	<0.50		2.0	0.50	ug/L			12/27/11 15:47	1
Hexachlorobutadiene	<0.50		2.0	0.50	ug/L			12/27/11 15:47	1
Isopropylbenzene	<0.20		2.0	0.20	ug/L			12/27/11 15:47	1
p-Isopropyltoluene	<0.20		2.0	0.20	ug/L			12/27/11 15:47	1
Methylene Chloride	<1.0		2.0	1.0	ug/L			12/27/11 15:47	1

Client Sample ID: MW-111

Date Collected: 12/21/11 11:50
Date Received: 12/22/11 14:53

Lab Sample ID: 610-683-4
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	<0.50		2.0	0.50	ug/L			12/27/11 15:47	1
Naphthalene	**0.37**	**J**	5.0	0.25	ug/L			12/27/11 15:47	1
N-Propylbenzene	<0.50		2.0	0.50	ug/L			12/27/11 15:47	1
Styrene	<0.50		5.0	0.50	ug/L			12/27/11 15:47	1
1,1,1,2-Tetrachloroethane	<0.25		2.0	0.25	ug/L			12/27/11 15:47	1
1,1,2,2-Tetrachloroethane	<0.20		2.0	0.20	ug/L			12/27/11 15:47	1
Tetrachloroethene	<0.50		2.0	0.50	ug/L			12/27/11 15:47	1
Toluene	<0.50		2.0	0.50	ug/L			12/27/11 15:47	1
1,2,3-Trichlorobenzene	<0.25		2.0	0.25	ug/L			12/27/11 15:47	1
1,2,4-Trichlorobenzene	<0.25		2.0	0.25	ug/L			12/27/11 15:47	1
1,1,1-Trichloroethane	<0.50		2.0	0.50	ug/L			12/27/11 15:47	1
1,1,2-Trichloroethane	<0.25		2.0	0.25	ug/L			12/27/11 15:47	1
Trichloroethene	<0.20		2.0	0.20	ug/L			12/27/11 15:47	1
Trichlorofluoromethane	<0.50		2.0	0.50	ug/L			12/27/11 15:47	1
1,2,3-Trichloropropane	<0.50		2.0	0.50	ug/L			12/27/11 15:47	1
1,2,4-Trimethylbenzene	<0.20		2.0	0.20	ug/L			12/27/11 15:47	1
1,3,5-Trimethylbenzene	<0.20		2.0	0.20	ug/L			12/27/11 15:47	1
Vinyl chloride	<0.20		2.0	0.20	ug/L			12/27/11 15:47	1
Xylenes, Total	<0.50		6.0	0.50	ug/L			12/27/11 15:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*		*12/27/11 15:47*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*		*12/27/11 15:47*	*1*
Dibromofluoromethane (Surr)	*101*		*80 - 120*		*12/27/11 15:47*	*1*

Method: 6020 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.11		0.50	0.11	ug/L		12/23/11 16:00	01/04/12 18:49	1
Arsenic	<0.14		1.0	0.14	ug/L		12/23/11 16:00	01/04/12 18:49	1
Barium	**170**		2.5	0.40	ug/L		12/23/11 16:00	01/04/12 18:49	1
Cadmium	<0.12	^	0.50	0.12	ug/L		12/23/11 16:00	01/04/12 18:49	1
Chromium	<0.59		5.0	0.59	ug/L		12/23/11 16:00	01/04/12 18:49	1
Lead	<0.13		0.50	0.13	ug/L		12/23/11 16:00	01/04/12 18:49	1
Selenium	<0.37		2.5	0.37	ug/L		12/23/11 16:00	01/04/12 18:49	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.070		0.20	0.070	ug/L		12/27/11 12:50	12/28/11 13:47	1

Client Sample ID: MW-104

Date Collected: 12/21/11 12:25
Date Received: 12/22/11 14:53

Lab Sample ID: 610-683-5
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.20		2.0	0.20	ug/L			12/27/11 16:13	1
Bromobenzene	<0.20		2.0	0.20	ug/L			12/27/11 16:13	1
Bromochloromethane	<0.50		2.0	0.50	ug/L			12/27/11 16:13	1
Bromodichloromethane	<0.20		2.0	0.20	ug/L			12/27/11 16:13	1
Bromoform	<0.20		5.0	0.20	ug/L			12/27/11 16:13	1

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

TestAmerica Job ID: 610-683-1

Client Sample ID: MW-104
Date Collected: 12/21/11 12:25
Date Received: 12/22/11 14:53

Lab Sample ID: 610-683-5
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	<0.50		5.0	0.50	ug/L			12/27/11 16:13	1
n-Butylbenzene	<0.20		2.0	0.20	ug/L			12/27/11 16:13	1
sec-Butylbenzene	<0.25		2.0	0.25	ug/L			12/27/11 16:13	1
tert-Butylbenzene	<0.20		2.0	0.20	ug/L			12/27/11 16:13	1
Carbon tetrachloride	<0.80		2.0	0.80	ug/L			12/27/11 16:13	1
Chlorobenzene	<0.20		2.0	0.20	ug/L			12/27/11 16:13	1
Chlorodibromomethane	<0.20		2.0	0.20	ug/L			12/27/11 16:13	1
Chloroethane	<1.0		5.0	1.0	ug/L			12/27/11 16:13	1
Chloroform	<0.20		2.0	0.20	ug/L			12/27/11 16:13	1
Chloromethane	<0.30		2.0	0.30	ug/L			12/27/11 16:13	1
2-Chlorotoluene	<0.50		2.0	0.50	ug/L			12/27/11 16:13	1
4-Chlorotoluene	<0.20		2.0	0.20	ug/L			12/27/11 16:13	1
1,2-Dibromo-3-Chloropropane	<0.50		2.0	0.50	ug/L			12/27/11 16:13	1
1,2-Dibromoethane (EDB)	<0.20		2.0	0.20	ug/L			12/27/11 16:13	1
Dibromomethane	<0.20		2.0	0.20	ug/L			12/27/11 16:13	1
1,2-Dichlorobenzene	<0.20		2.0	0.20	ug/L			12/27/11 16:13	1
1,3-Dichlorobenzene	<0.20		2.0	0.20	ug/L			12/27/11 16:13	1
1,4-Dichlorobenzene	<0.50		2.0	0.50	ug/L			12/27/11 16:13	1
Dichlorodifluoromethane	<0.50		2.0	0.50	ug/L			12/27/11 16:13	1
1,1-Dichloroethane	<0.50		2.0	0.50	ug/L			12/27/11 16:13	1
1,2-Dichloroethane	<0.50		2.0	0.50	ug/L			12/27/11 16:13	1
1,1-Dichloroethene	<0.50		2.0	0.50	ug/L			12/27/11 16:13	1
cis-1,2-Dichloroethene	<0.50		2.0	0.50	ug/L			12/27/11 16:13	1
trans-1,2-Dichloroethene	<0.50		2.0	0.50	ug/L			12/27/11 16:13	1
1,2-Dichloropropane	<0.50		2.0	0.50	ug/L			12/27/11 16:13	1
1,3-Dichloropropane	<0.25		2.0	0.25	ug/L			12/27/11 16:13	1
2,2-Dichloropropane	<0.50		2.0	0.50	ug/L			12/27/11 16:13	1
1,1-Dichloropropene	<0.50		2.0	0.50	ug/L			12/27/11 16:13	1
cis-1,3-Dichloropropene	<0.20		2.0	0.20	ug/L			12/27/11 16:13	1
trans-1,3-Dichloropropene	<0.20		2.0	0.20	ug/L			12/27/11 16:13	1
Isopropyl ether	<0.50		2.0	0.50	ug/L			12/27/11 16:13	1
Ethylbenzene	<0.50		2.0	0.50	ug/L			12/27/11 16:13	1
Hexachlorobutadiene	<0.50		2.0	0.50	ug/L			12/27/11 16:13	1
Isopropylbenzene	<0.20		2.0	0.20	ug/L			12/27/11 16:13	1
p-Isopropyltoluene	<0.20		2.0	0.20	ug/L			12/27/11 16:13	1
Methylene Chloride	<1.0		2.0	1.0	ug/L			12/27/11 16:13	1
Methyl tert-butyl ether	<0.50		2.0	0.50	ug/L			12/27/11 16:13	1
Naphthalene	<0.25		5.0	0.25	ug/L			12/27/11 16:13	1
N-Propylbenzene	<0.50		2.0	0.50	ug/L			12/27/11 16:13	1
Styrene	<0.50		5.0	0.50	ug/L			12/27/11 16:13	1
1,1,1,2-Tetrachloroethane	<0.25		2.0	0.25	ug/L			12/27/11 16:13	1
1,1,2,2-Tetrachloroethane	<0.20		2.0	0.20	ug/L			12/27/11 16:13	1
Tetrachloroethene	<0.50		2.0	0.50	ug/L			12/27/11 16:13	1
Toluene	<0.50		2.0	0.50	ug/L			12/27/11 16:13	1
1,2,3-Trichlorobenzene	<0.25		2.0	0.25	ug/L			12/27/11 16:13	1
1,2,4-Trichlorobenzene	<0.25		2.0	0.25	ug/L			12/27/11 16:13	1
1,1,1-Trichloroethane	<0.50		2.0	0.50	ug/L			12/27/11 16:13	1
1,1,2-Trichloroethane	<0.25		2.0	0.25	ug/L			12/27/11 16:13	1
Trichloroethene	<0.20		2.0	0.20	ug/L			12/27/11 16:13	1
Trichlorofluoromethane	<0.50		2.0	0.50	ug/L			12/27/11 16:13	1

Client Sample ID: MW-104

Date Collected: 12/21/11 12:25
Date Received: 12/22/11 14:53

Lab Sample ID: 610-683-5
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	<0.50		2.0	0.50	ug/L			12/27/11 16:13	1
1,2,4-Trimethylbenzene	<0.20		2.0	0.20	ug/L			12/27/11 16:13	1
1,3,5-Trimethylbenzene	<0.20		2.0	0.20	ug/L			12/27/11 16:13	1
Vinyl chloride	<0.20		2.0	0.20	ug/L			12/27/11 16:13	1
Xylenes, Total	<0.50		6.0	0.50	ug/L			12/27/11 16:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*		*12/27/11 16:13*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*		*12/27/11 16:13*	*1*
Dibromofluoromethane (Surr)	*101*		*80 - 120*		*12/27/11 16:13*	*1*

Method: 6020 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.11		0.50	0.11	ug/L		12/23/11 16:00	01/04/12 18:52	1
Arsenic	<0.14		1.0	0.14	ug/L		12/23/11 16:00	01/04/12 18:52	1
Barium	**130**		2.5	0.40	ug/L		12/23/11 16:00	01/04/12 18:52	1
Cadmium	<0.12	^	0.50	0.12	ug/L		12/23/11 16:00	01/04/12 18:52	1
Chromium	<0.59		5.0	0.59	ug/L		12/23/11 16:00	01/04/12 18:52	1
Lead	**0.14**	**J**	0.50	0.13	ug/L		12/23/11 16:00	01/04/12 18:52	1
Selenium	**2.6**		2.5	0.37	ug/L		12/23/11 16:00	01/04/12 18:52	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.070		0.20	0.070	ug/L		12/27/11 12:50	12/28/11 13:49	1

Client Sample ID: MW-116

Date Collected: 12/21/11 13:30
Date Received: 12/22/11 14:53

Lab Sample ID: 610-683-6
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.20		2.0	0.20	ug/L			12/27/11 16:39	1
Bromobenzene	<0.20		2.0	0.20	ug/L			12/27/11 16:39	1
Bromochloromethane	<0.50		2.0	0.50	ug/L			12/27/11 16:39	1
Bromodichloromethane	<0.20		2.0	0.20	ug/L			12/27/11 16:39	1
Bromoform	<0.20		5.0	0.20	ug/L			12/27/11 16:39	1
Bromomethane	<0.50		5.0	0.50	ug/L			12/27/11 16:39	1
n-Butylbenzene	<0.20		2.0	0.20	ug/L			12/27/11 16:39	1
sec-Butylbenzene	<0.25		2.0	0.25	ug/L			12/27/11 16:39	1
tert-Butylbenzene	<0.20		2.0	0.20	ug/L			12/27/11 16:39	1
Carbon tetrachloride	<0.80		2.0	0.80	ug/L			12/27/11 16:39	1
Chlorobenzene	<0.20		2.0	0.20	ug/L			12/27/11 16:39	1
Chlorodibromomethane	<0.20		2.0	0.20	ug/L			12/27/11 16:39	1
Chloroethane	<1.0		5.0	1.0	ug/L			12/27/11 16:39	1
Chloroform	<0.20		2.0	0.20	ug/L			12/27/11 16:39	1
Chloromethane	<0.30		2.0	0.30	ug/L			12/27/11 16:39	1
2-Chlorotoluene	<0.50		2.0	0.50	ug/L			12/27/11 16:39	1
4-Chlorotoluene	<0.20		2.0	0.20	ug/L			12/27/11 16:39	1
1,2-Dibromo-3-Chloropropane	<0.50		2.0	0.50	ug/L			12/27/11 16:39	1
1,2-Dibromoethane (EDB)	<0.20		2.0	0.20	ug/L			12/27/11 16:39	1

Client Sample ID: MW-116
Date Collected: 12/21/11 13:30
Date Received: 12/22/11 14:53

Lab Sample ID: 610-683-6
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromomethane	<0.20		2.0	0.20	ug/L			12/27/11 16:39	1
1,2-Dichlorobenzene	<0.20		2.0	0.20	ug/L			12/27/11 16:39	1
1,3-Dichlorobenzene	<0.20		2.0	0.20	ug/L			12/27/11 16:39	1
1,4-Dichlorobenzene	<0.50		2.0	0.50	ug/L			12/27/11 16:39	1
Dichlorodifluoromethane	<0.50		2.0	0.50	ug/L			12/27/11 16:39	1
1,1-Dichloroethane	<0.50		2.0	0.50	ug/L			12/27/11 16:39	1
1,2-Dichloroethane	<0.50		2.0	0.50	ug/L			12/27/11 16:39	1
1,1-Dichloroethene	<0.50		2.0	0.50	ug/L			12/27/11 16:39	1
cis-1,2-Dichloroethene	<0.50		2.0	0.50	ug/L			12/27/11 16:39	1
trans-1,2-Dichloroethene	<0.50		2.0	0.50	ug/L			12/27/11 16:39	1
1,2-Dichloropropane	<0.50		2.0	0.50	ug/L			12/27/11 16:39	1
1,3-Dichloropropane	<0.25		2.0	0.25	ug/L			12/27/11 16:39	1
2,2-Dichloropropane	<0.50		2.0	0.50	ug/L			12/27/11 16:39	1
1,1-Dichloropropene	<0.50		2.0	0.50	ug/L			12/27/11 16:39	1
cis-1,3-Dichloropropene	<0.20		2.0	0.20	ug/L			12/27/11 16:39	1
trans-1,3-Dichloropropene	<0.20		2.0	0.20	ug/L			12/27/11 16:39	1
Isopropyl ether	<0.50		2.0	0.50	ug/L			12/27/11 16:39	1
Ethylbenzene	<0.50		2.0	0.50	ug/L			12/27/11 16:39	1
Hexachlorobutadiene	<0.50		2.0	0.50	ug/L			12/27/11 16:39	1
Isopropylbenzene	<0.20		2.0	0.20	ug/L			12/27/11 16:39	1
p-Isopropyltoluene	<0.20		2.0	0.20	ug/L			12/27/11 16:39	1
Methylene Chloride	<1.0		2.0	1.0	ug/L			12/27/11 16:39	1
Methyl tert-butyl ether	<0.50		2.0	0.50	ug/L			12/27/11 16:39	1
Naphthalene	**0.45**	**J**	5.0	0.25	ug/L			12/27/11 16:39	1
N-Propylbenzene	<0.50		2.0	0.50	ug/L			12/27/11 16:39	1
Styrene	<0.50		5.0	0.50	ug/L			12/27/11 16:39	1
1,1,1,2-Tetrachloroethane	<0.25		2.0	0.25	ug/L			12/27/11 16:39	1
1,1,2,2-Tetrachloroethane	<0.20		2.0	0.20	ug/L			12/27/11 16:39	1
Tetrachloroethene	<0.50		2.0	0.50	ug/L			12/27/11 16:39	1
Toluene	<0.50		2.0	0.50	ug/L			12/27/11 16:39	1
1,2,3-Trichlorobenzene	<0.25		2.0	0.25	ug/L			12/27/11 16:39	1
1,2,4-Trichlorobenzene	<0.25		2.0	0.25	ug/L			12/27/11 16:39	1
1,1,1-Trichloroethane	<0.50		2.0	0.50	ug/L			12/27/11 16:39	1
1,1,2-Trichloroethane	<0.25		2.0	0.25	ug/L			12/27/11 16:39	1
Trichloroethene	<0.20		2.0	0.20	ug/L			12/27/11 16:39	1
Trichlorofluoromethane	<0.50		2.0	0.50	ug/L			12/27/11 16:39	1
1,2,3-Trichloropropane	<0.50		2.0	0.50	ug/L			12/27/11 16:39	1
1,2,4-Trimethylbenzene	<0.20		2.0	0.20	ug/L			12/27/11 16:39	1
1,3,5-Trimethylbenzene	<0.20		2.0	0.20	ug/L			12/27/11 16:39	1
Vinyl chloride	<0.20		2.0	0.20	ug/L			12/27/11 16:39	1
Xylenes, Total	<0.50		6.0	0.50	ug/L			12/27/11 16:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*		*12/27/11 16:39*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*		*12/27/11 16:39*	*1*
Dibromofluoromethane (Surr)	*101*		*80 - 120*		*12/27/11 16:39*	*1*

Method: 6020 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.11		0.50	0.11	ug/L		12/23/11 16:00	01/04/12 19:10	1
Arsenic	<0.14		1.0	0.14	ug/L		12/23/11 16:00	01/04/12 19:10	1

Client Sample ID: MW-116

Date Collected: 12/21/11 13:30
Date Received: 12/22/11 14:53

Lab Sample ID: 610-683-6

Matrix: Ground Water

Method: 6020 - Metals (ICP/MS) - Dissolved (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	520		2.5	0.40	ug/L		12/23/11 16:00	01/04/12 19:10	1
Cadmium	0.14	J ^	0.50	0.12	ug/L		12/23/11 16:00	01/04/12 19:10	1
Chromium	<0.59		5.0	0.59	ug/L		12/23/11 16:00	01/04/12 19:10	1
Lead	<0.13		0.50	0.13	ug/L		12/23/11 16:00	01/04/12 19:10	1
Selenium	1.3	J	2.5	0.37	ug/L		12/23/11 16:00	01/04/12 19:10	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.070		0.20	0.070	ug/L		12/27/11 12:50	12/28/11 13:58	1

Client Sample ID: MW-115

Date Collected: 12/21/11 14:05
Date Received: 12/22/11 14:53

Lab Sample ID: 610-683-7

Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.20		2.0	0.20	ug/L			12/27/11 17:05	1
Bromobenzene	<0.20		2.0	0.20	ug/L			12/27/11 17:05	1
Bromochloromethane	<0.50		2.0	0.50	ug/L			12/27/11 17:05	1
Bromodichloromethane	<0.20		2.0	0.20	ug/L			12/27/11 17:05	1
Bromoform	<0.20		5.0	0.20	ug/L			12/27/11 17:05	1
Bromomethane	<0.50		5.0	0.50	ug/L			12/27/11 17:05	1
n-Butylbenzene	<0.20		2.0	0.20	ug/L			12/27/11 17:05	1
sec-Butylbenzene	<0.25		2.0	0.25	ug/L			12/27/11 17:05	1
tert-Butylbenzene	<0.20		2.0	0.20	ug/L			12/27/11 17:05	1
Carbon tetrachloride	<0.80		2.0	0.80	ug/L			12/27/11 17:05	1
Chlorobenzene	<0.20		2.0	0.20	ug/L			12/27/11 17:05	1
Chlorodibromomethane	<0.20		2.0	0.20	ug/L			12/27/11 17:05	1
Chloroethane	<1.0		5.0	1.0	ug/L			12/27/11 17:05	1
Chloroform	<0.20		2.0	0.20	ug/L			12/27/11 17:05	1
Chloromethane	<0.30		2.0	0.30	ug/L			12/27/11 17:05	1
2-Chlorotoluene	<0.50		2.0	0.50	ug/L			12/27/11 17:05	1
4-Chlorotoluene	<0.20		2.0	0.20	ug/L			12/27/11 17:05	1
1,2-Dibromo-3-Chloropropane	<0.50		2.0	0.50	ug/L			12/27/11 17:05	1
1,2-Dibromoethane (EDB)	<0.20		2.0	0.20	ug/L			12/27/11 17:05	1
Dibromomethane	<0.20		2.0	0.20	ug/L			12/27/11 17:05	1
1,2-Dichlorobenzene	<0.20		2.0	0.20	ug/L			12/27/11 17:05	1
1,3-Dichlorobenzene	<0.20		2.0	0.20	ug/L			12/27/11 17:05	1
1,4-Dichlorobenzene	<0.50		2.0	0.50	ug/L			12/27/11 17:05	1
Dichlorodifluoromethane	<0.50		2.0	0.50	ug/L			12/27/11 17:05	1
1,1-Dichloroethane	<0.50		2.0	0.50	ug/L			12/27/11 17:05	1
1,2-Dichloroethane	<0.50		2.0	0.50	ug/L			12/27/11 17:05	1
1,1-Dichloroethene	<0.50		2.0	0.50	ug/L			12/27/11 17:05	1
cis-1,2-Dichloroethene	<0.50		2.0	0.50	ug/L			12/27/11 17:05	1
trans-1,2-Dichloroethene	<0.50		2.0	0.50	ug/L			12/27/11 17:05	1
1,2-Dichloropropane	<0.50		2.0	0.50	ug/L			12/27/11 17:05	1
1,3-Dichloropropane	<0.25		2.0	0.25	ug/L			12/27/11 17:05	1
2,2-Dichloropropane	<0.50		2.0	0.50	ug/L			12/27/11 17:05	1
1,1-Dichloropropene	<0.50		2.0	0.50	ug/L			12/27/11 17:05	1
cis-1,3-Dichloropropene	<0.20		2.0	0.20	ug/L			12/27/11 17:05	1

Client Sample ID: MW-115
Date Collected: 12/21/11 14:05
Date Received: 12/22/11 14:53

Lab Sample ID: 610-683-7
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	<0.20		2.0	0.20	ug/L			12/27/11 17:05	1
Isopropyl ether	<0.50		2.0	0.50	ug/L			12/27/11 17:05	1
Ethylbenzene	<0.50		2.0	0.50	ug/L			12/27/11 17:05	1
Hexachlorobutadiene	<0.50		2.0	0.50	ug/L			12/27/11 17:05	1
Isopropylbenzene	<0.20		2.0	0.20	ug/L			12/27/11 17:05	1
p-Isopropyltoluene	<0.20		2.0	0.20	ug/L			12/27/11 17:05	1
Methylene Chloride	<1.0		2.0	1.0	ug/L			12/27/11 17:05	1
Methyl tert-butyl ether	<0.50		2.0	0.50	ug/L			12/27/11 17:05	1
Naphthalene	<0.25		5.0	0.25	ug/L			12/27/11 17:05	1
N-Propylbenzene	<0.50		2.0	0.50	ug/L			12/27/11 17:05	1
Styrene	<0.50		5.0	0.50	ug/L			12/27/11 17:05	1
1,1,1,2-Tetrachloroethane	<0.25		2.0	0.25	ug/L			12/27/11 17:05	1
1,1,2,2-Tetrachloroethane	<0.20		2.0	0.20	ug/L			12/27/11 17:05	1
Tetrachloroethene	<0.50		2.0	0.50	ug/L			12/27/11 17:05	1
Toluene	<0.50		2.0	0.50	ug/L			12/27/11 17:05	1
1,2,3-Trichlorobenzene	<0.25		2.0	0.25	ug/L			12/27/11 17:05	1
1,2,4-Trichlorobenzene	<0.25		2.0	0.25	ug/L			12/27/11 17:05	1
1,1,1-Trichloroethane	<0.50		2.0	0.50	ug/L			12/27/11 17:05	1
1,1,2-Trichloroethane	<0.25		2.0	0.25	ug/L			12/27/11 17:05	1
Trichloroethene	<0.20		2.0	0.20	ug/L			12/27/11 17:05	1
Trichlorofluoromethane	<0.50		2.0	0.50	ug/L			12/27/11 17:05	1
1,2,3-Trichloropropane	<0.50		2.0	0.50	ug/L			12/27/11 17:05	1
1,2,4-Trimethylbenzene	<0.20		2.0	0.20	ug/L			12/27/11 17:05	1
1,3,5-Trimethylbenzene	<0.20		2.0	0.20	ug/L			12/27/11 17:05	1
Vinyl chloride	<0.20		2.0	0.20	ug/L			12/27/11 17:05	1
Xylenes, Total	<0.50		6.0	0.50	ug/L			12/27/11 17:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*		*12/27/11 17:05*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*		*12/27/11 17:05*	*1*
Dibromofluoromethane (Surr)	*100*		*80 - 120*		*12/27/11 17:05*	*1*

Method: 6020 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.11		0.50	0.11	ug/L		12/23/11 16:00	01/04/12 19:13	1
Arsenic	<0.14		1.0	0.14	ug/L		12/23/11 16:00	01/04/12 19:13	1
Barium	**170**		2.5	0.40	ug/L		12/23/11 16:00	01/04/12 19:13	1
Cadmium	<0.12	^	0.50	0.12	ug/L		12/23/11 16:00	01/04/12 19:13	1
Chromium	<0.59		5.0	0.59	ug/L		12/23/11 16:00	01/04/12 19:13	1
Lead	<0.13		0.50	0.13	ug/L		12/23/11 16:00	01/04/12 19:13	1
Selenium	**4.5**		2.5	0.37	ug/L		12/23/11 16:00	01/04/12 19:13	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.070		0.20	0.070	ug/L		12/27/11 12:50	12/28/11 14:00	1

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

TestAmerica Job ID: 610-683-1

Client Sample ID: P-113
Date Collected: 12/21/11 14:40
Date Received: 12/22/11 14:53

Lab Sample ID: 610-683-8
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.20		2.0	0.20	ug/L			12/27/11 20:15	1
Bromobenzene	<0.20		2.0	0.20	ug/L			12/27/11 20:15	1
Bromochloromethane	<0.50		2.0	0.50	ug/L			12/27/11 20:15	1
Bromodichloromethane	<0.20		2.0	0.20	ug/L			12/27/11 20:15	1
Bromoform	<0.20		5.0	0.20	ug/L			12/27/11 20:15	1
Bromomethane	<0.50		5.0	0.50	ug/L			12/27/11 20:15	1
n-Butylbenzene	<0.20		2.0	0.20	ug/L			12/27/11 20:15	1
sec-Butylbenzene	<0.25		2.0	0.25	ug/L			12/27/11 20:15	1
tert-Butylbenzene	<0.20		2.0	0.20	ug/L			12/27/11 20:15	1
Carbon tetrachloride	<0.80		2.0	0.80	ug/L			12/27/11 20:15	1
Chlorobenzene	<0.20		2.0	0.20	ug/L			12/27/11 20:15	1
Chlorodibromomethane	<0.20		2.0	0.20	ug/L			12/27/11 20:15	1
Chloroethane	<1.0		5.0	1.0	ug/L			12/27/11 20:15	1
Chloroform	**0.22**	**J**	2.0	0.20	ug/L			12/27/11 20:15	1
Chloromethane	<0.30		2.0	0.30	ug/L			12/27/11 20:15	1
2-Chlorotoluene	<0.50		2.0	0.50	ug/L			12/27/11 20:15	1
4-Chlorotoluene	<0.20		2.0	0.20	ug/L			12/27/11 20:15	1
1,2-Dibromo-3-Chloropropane	<0.50		2.0	0.50	ug/L			12/27/11 20:15	1
1,2-Dibromoethane (EDB)	<0.20		2.0	0.20	ug/L			12/27/11 20:15	1
Dibromomethane	<0.20		2.0	0.20	ug/L			12/27/11 20:15	1
1,2-Dichlorobenzene	<0.20		2.0	0.20	ug/L			12/27/11 20:15	1
1,3-Dichlorobenzene	<0.20		2.0	0.20	ug/L			12/27/11 20:15	1
1,4-Dichlorobenzene	<0.50		2.0	0.50	ug/L			12/27/11 20:15	1
Dichlorodifluoromethane	<0.50		2.0	0.50	ug/L			12/27/11 20:15	1
1,1-Dichloroethane	<0.50		2.0	0.50	ug/L			12/27/11 20:15	1
1,2-Dichloroethane	<0.50		2.0	0.50	ug/L			12/27/11 20:15	1
1,1-Dichloroethene	<0.50		2.0	0.50	ug/L			12/27/11 20:15	1
cis-1,2-Dichloroethene	<0.50		2.0	0.50	ug/L			12/27/11 20:15	1
trans-1,2-Dichloroethene	<0.50		2.0	0.50	ug/L			12/27/11 20:15	1
1,2-Dichloropropane	<0.50		2.0	0.50	ug/L			12/27/11 20:15	1
1,3-Dichloropropane	<0.25		2.0	0.25	ug/L			12/27/11 20:15	1
2,2-Dichloropropane	<0.50		2.0	0.50	ug/L			12/27/11 20:15	1
1,1-Dichloropropene	<0.50		2.0	0.50	ug/L			12/27/11 20:15	1
cis-1,3-Dichloropropene	<0.20		2.0	0.20	ug/L			12/27/11 20:15	1
trans-1,3-Dichloropropene	<0.20		2.0	0.20	ug/L			12/27/11 20:15	1
Isopropyl ether	<0.50		2.0	0.50	ug/L			12/27/11 20:15	1
Ethylbenzene	<0.50		2.0	0.50	ug/L			12/27/11 20:15	1
Hexachlorobutadiene	<0.50		2.0	0.50	ug/L			12/27/11 20:15	1
Isopropylbenzene	<0.20		2.0	0.20	ug/L			12/27/11 20:15	1
p-Isopropyltoluene	<0.20		2.0	0.20	ug/L			12/27/11 20:15	1
Methylene Chloride	<1.0		2.0	1.0	ug/L			12/27/11 20:15	1
Methyl tert-butyl ether	<0.50		2.0	0.50	ug/L			12/27/11 20:15	1
Naphthalene	<0.25		5.0	0.25	ug/L			12/27/11 20:15	1
N-Propylbenzene	<0.50		2.0	0.50	ug/L			12/27/11 20:15	1
Styrene	<0.50		5.0	0.50	ug/L			12/27/11 20:15	1
1,1,1,2-Tetrachloroethane	<0.25		2.0	0.25	ug/L			12/27/11 20:15	1
1,1,2,2-Tetrachloroethane	<0.20		2.0	0.20	ug/L			12/27/11 20:15	1
Tetrachloroethene	<0.50		2.0	0.50	ug/L			12/27/11 20:15	1
Toluene	<0.50		2.0	0.50	ug/L			12/27/11 20:15	1
1,2,3-Trichlorobenzene	<0.25	*	2.0	0.25	ug/L			12/27/11 20:15	1

Client Sample ID: P-113

Date Collected: 12/21/11 14:40
Date Received: 12/22/11 14:53

Lab Sample ID: 610-683-8
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.25		2.0	0.25	ug/L			12/27/11 20:15	1
1,1,1-Trichloroethane	<0.50		2.0	0.50	ug/L			12/27/11 20:15	1
1,1,2-Trichloroethane	<0.25		2.0	0.25	ug/L			12/27/11 20:15	1
Trichloroethene	<0.20		2.0	0.20	ug/L			12/27/11 20:15	1
Trichlorofluoromethane	<0.50		2.0	0.50	ug/L			12/27/11 20:15	1
1,2,3-Trichloropropane	<0.50		2.0	0.50	ug/L			12/27/11 20:15	1
1,2,4-Trimethylbenzene	<0.20		2.0	0.20	ug/L			12/27/11 20:15	1
1,3,5-Trimethylbenzene	<0.20		2.0	0.20	ug/L			12/27/11 20:15	1
Vinyl chloride	<0.20		2.0	0.20	ug/L			12/27/11 20:15	1
Xylenes, Total	<0.50		6.0	0.50	ug/L			12/27/11 20:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*		*12/27/11 20:15*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*12/27/11 20:15*	*1*
Dibromofluoromethane (Surr)	*96*		*80 - 120*		*12/27/11 20:15*	*1*

Method: 6020 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.11		0.50	0.11	ug/L		12/23/11 16:00	01/04/12 19:15	1
Arsenic	<0.14		1.0	0.14	ug/L		12/23/11 16:00	01/04/12 19:15	1
Barium	**170**		2.5	0.40	ug/L		12/23/11 16:00	01/04/12 19:15	1
Cadmium	<0.12	^	0.50	0.12	ug/L		12/23/11 16:00	01/04/12 19:15	1
Chromium	<0.59		5.0	0.59	ug/L		12/23/11 16:00	01/04/12 19:15	1
Lead	<0.13		0.50	0.13	ug/L		12/23/11 16:00	01/04/12 19:15	1
Selenium	<0.37		2.5	0.37	ug/L		12/23/11 16:00	01/04/12 19:15	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.070		0.20	0.070	ug/L		12/27/11 12:50	12/28/11 14:03	1

Client Sample ID: MW-112

Date Collected: 12/21/11 15:05
Date Received: 12/22/11 14:53

Lab Sample ID: 610-683-9
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.20		2.0	0.20	ug/L			12/27/11 20:42	1
Bromobenzene	<0.20		2.0	0.20	ug/L			12/27/11 20:42	1
Bromochloromethane	<0.50		2.0	0.50	ug/L			12/27/11 20:42	1
Bromodichloromethane	<0.20		2.0	0.20	ug/L			12/27/11 20:42	1
Bromoform	<0.20		5.0	0.20	ug/L			12/27/11 20:42	1
Bromomethane	<0.50		5.0	0.50	ug/L			12/27/11 20:42	1
n-Butylbenzene	<0.20		2.0	0.20	ug/L			12/27/11 20:42	1
sec-Butylbenzene	<0.25		2.0	0.25	ug/L			12/27/11 20:42	1
tert-Butylbenzene	<0.20		2.0	0.20	ug/L			12/27/11 20:42	1
Carbon tetrachloride	<0.80		2.0	0.80	ug/L			12/27/11 20:42	1
Chlorobenzene	<0.20		2.0	0.20	ug/L			12/27/11 20:42	1
Chlorodibromomethane	<0.20		2.0	0.20	ug/L			12/27/11 20:42	1
Chloroethane	<1.0		5.0	1.0	ug/L			12/27/11 20:42	1
Chloroform	<0.20		2.0	0.20	ug/L			12/27/11 20:42	1

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

TestAmerica Job ID: 610-683-1

Client Sample ID: MW-112
Date Collected: 12/21/11 15:05
Date Received: 12/22/11 14:53

Lab Sample ID: 610-683-9
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	<0.30		2.0	0.30	ug/L			12/27/11 20:42	1
2-Chlorotoluene	<0.50		2.0	0.50	ug/L			12/27/11 20:42	1
4-Chlorotoluene	<0.20		2.0	0.20	ug/L			12/27/11 20:42	1
1,2-Dibromo-3-Chloropropane	<0.50		2.0	0.50	ug/L			12/27/11 20:42	1
1,2-Dibromoethane (EDB)	<0.20		2.0	0.20	ug/L			12/27/11 20:42	1
Dibromomethane	<0.20		2.0	0.20	ug/L			12/27/11 20:42	1
1,2-Dichlorobenzene	<0.20		2.0	0.20	ug/L			12/27/11 20:42	1
1,3-Dichlorobenzene	<0.20		2.0	0.20	ug/L			12/27/11 20:42	1
1,4-Dichlorobenzene	<0.50		2.0	0.50	ug/L			12/27/11 20:42	1
Dichlorodifluoromethane	<0.50		2.0	0.50	ug/L			12/27/11 20:42	1
1,1-Dichloroethane	<0.50		2.0	0.50	ug/L			12/27/11 20:42	1
1,2-Dichloroethane	<0.50		2.0	0.50	ug/L			12/27/11 20:42	1
1,1-Dichloroethene	<0.50		2.0	0.50	ug/L			12/27/11 20:42	1
cis-1,2-Dichloroethene	<0.50		2.0	0.50	ug/L			12/27/11 20:42	1
trans-1,2-Dichloroethene	<0.50		2.0	0.50	ug/L			12/27/11 20:42	1
1,2-Dichloropropane	<0.50		2.0	0.50	ug/L			12/27/11 20:42	1
1,3-Dichloropropane	<0.25		2.0	0.25	ug/L			12/27/11 20:42	1
2,2-Dichloropropane	<0.50		2.0	0.50	ug/L			12/27/11 20:42	1
1,1-Dichloropropene	<0.50		2.0	0.50	ug/L			12/27/11 20:42	1
cis-1,3-Dichloropropene	<0.20		2.0	0.20	ug/L			12/27/11 20:42	1
trans-1,3-Dichloropropene	<0.20		2.0	0.20	ug/L			12/27/11 20:42	1
Isopropyl ether	<0.50		2.0	0.50	ug/L			12/27/11 20:42	1
Ethylbenzene	<0.50		2.0	0.50	ug/L			12/27/11 20:42	1
Hexachlorobutadiene	<0.50		2.0	0.50	ug/L			12/27/11 20:42	1
Isopropylbenzene	<0.20		2.0	0.20	ug/L			12/27/11 20:42	1
p-Isopropyltoluene	<0.20		2.0	0.20	ug/L			12/27/11 20:42	1
Methylene Chloride	<1.0		2.0	1.0	ug/L			12/27/11 20:42	1
Methyl tert-butyl ether	<0.50		2.0	0.50	ug/L			12/27/11 20:42	1
Naphthalene	<0.25		5.0	0.25	ug/L			12/27/11 20:42	1
N-Propylbenzene	<0.50		2.0	0.50	ug/L			12/27/11 20:42	1
Styrene	<0.50		5.0	0.50	ug/L			12/27/11 20:42	1
1,1,1,2-Tetrachloroethane	<0.25		2.0	0.25	ug/L			12/27/11 20:42	1
1,1,2,2-Tetrachloroethane	<0.20		2.0	0.20	ug/L			12/27/11 20:42	1
Tetrachloroethene	<0.50		2.0	0.50	ug/L			12/27/11 20:42	1
Toluene	<0.50		2.0	0.50	ug/L			12/27/11 20:42	1
1,2,3-Trichlorobenzene	<0.25	*	2.0	0.25	ug/L			12/27/11 20:42	1
1,2,4-Trichlorobenzene	<0.25		2.0	0.25	ug/L			12/27/11 20:42	1
1,1,1-Trichloroethane	<0.50		2.0	0.50	ug/L			12/27/11 20:42	1
1,1,2-Trichloroethane	<0.25		2.0	0.25	ug/L			12/27/11 20:42	1
Trichloroethene	<0.20		2.0	0.20	ug/L			12/27/11 20:42	1
Trichlorofluoromethane	<0.50		2.0	0.50	ug/L			12/27/11 20:42	1
1,2,3-Trichloropropane	<0.50		2.0	0.50	ug/L			12/27/11 20:42	1
1,2,4-Trimethylbenzene	<0.20		2.0	0.20	ug/L			12/27/11 20:42	1
1,3,5-Trimethylbenzene	<0.20		2.0	0.20	ug/L			12/27/11 20:42	1
Vinyl chloride	<0.20		2.0	0.20	ug/L			12/27/11 20:42	1
Xylenes, Total	<0.50		6.0	0.50	ug/L			12/27/11 20:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*		*12/27/11 20:42*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*12/27/11 20:42*	*1*

Client Sample ID: MW-112

Date Collected: 12/21/11 15:05
Date Received: 12/22/11 14:53

Lab Sample ID: 610-683-9
Matrix: Ground Water

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*97*		*80 - 120*		*12/27/11 20:42*	*1*

Method: 6020 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.11		0.50	0.11	ug/L		12/23/11 16:00	01/04/12 19:18	1
Arsenic	<0.14		1.0	0.14	ug/L		12/23/11 16:00	01/04/12 19:18	1
Barium	**120**		2.5	0.40	ug/L		12/23/11 16:00	01/04/12 19:18	1
Cadmium	<0.12	^	0.50	0.12	ug/L		12/23/11 16:00	01/04/12 19:18	1
Chromium	<0.59		5.0	0.59	ug/L		12/23/11 16:00	01/04/12 19:18	1
Lead	<0.13		0.50	0.13	ug/L		12/23/11 16:00	01/04/12 19:18	1
Selenium	**3.3**		2.5	0.37	ug/L		12/23/11 16:00	01/04/12 19:18	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.070		0.20	0.070	ug/L		12/27/11 12:50	12/28/11 14:06	1

Client Sample ID: TB-1

Date Collected: 12/21/11 00:00
Date Received: 12/22/11 14:53

Lab Sample ID: 610-683-10
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.20		2.0	0.20	ug/L			12/27/11 18:55	1
Bromobenzene	<0.20		2.0	0.20	ug/L			12/27/11 18:55	1
Bromochloromethane	<0.50		2.0	0.50	ug/L			12/27/11 18:55	1
Bromodichloromethane	<0.20		2.0	0.20	ug/L			12/27/11 18:55	1
Bromoform	<0.20		5.0	0.20	ug/L			12/27/11 18:55	1
Bromomethane	<0.50		5.0	0.50	ug/L			12/27/11 18:55	1
n-Butylbenzene	<0.20		2.0	0.20	ug/L			12/27/11 18:55	1
sec-Butylbenzene	<0.25		2.0	0.25	ug/L			12/27/11 18:55	1
tert-Butylbenzene	<0.20		2.0	0.20	ug/L			12/27/11 18:55	1
Carbon tetrachloride	<0.80		2.0	0.80	ug/L			12/27/11 18:55	1
Chlorobenzene	<0.20		2.0	0.20	ug/L			12/27/11 18:55	1
Chlorodibromomethane	<0.20		2.0	0.20	ug/L			12/27/11 18:55	1
Chloroethane	<1.0		5.0	1.0	ug/L			12/27/11 18:55	1
Chloroform	<0.20		2.0	0.20	ug/L			12/27/11 18:55	1
Chloromethane	<0.30		2.0	0.30	ug/L			12/27/11 18:55	1
2-Chlorotoluene	<0.50		2.0	0.50	ug/L			12/27/11 18:55	1
4-Chlorotoluene	<0.20		2.0	0.20	ug/L			12/27/11 18:55	1
1,2-Dibromo-3-Chloropropane	<0.50		2.0	0.50	ug/L			12/27/11 18:55	1
1,2-Dibromoethane (EDB)	<0.20		2.0	0.20	ug/L			12/27/11 18:55	1
Dibromomethane	<0.20		2.0	0.20	ug/L			12/27/11 18:55	1
1,2-Dichlorobenzene	<0.20		2.0	0.20	ug/L			12/27/11 18:55	1
1,3-Dichlorobenzene	<0.20		2.0	0.20	ug/L			12/27/11 18:55	1
1,4-Dichlorobenzene	<0.50		2.0	0.50	ug/L			12/27/11 18:55	1
Dichlorodifluoromethane	<0.50		2.0	0.50	ug/L			12/27/11 18:55	1
1,1-Dichloroethane	<0.50		2.0	0.50	ug/L			12/27/11 18:55	1
1,2-Dichloroethane	<0.50		2.0	0.50	ug/L			12/27/11 18:55	1
1,1-Dichloroethene	<0.50		2.0	0.50	ug/L			12/27/11 18:55	1

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

TestAmerica Job ID: 610-683-1

Client Sample ID: TB-1
Date Collected: 12/21/11 00:00
Date Received: 12/22/11 14:53

Lab Sample ID: 610-683-10
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	<0.50		2.0	0.50	ug/L			12/27/11 18:55	1
trans-1,2-Dichloroethene	<0.50		2.0	0.50	ug/L			12/27/11 18:55	1
1,2-Dichloropropane	<0.50		2.0	0.50	ug/L			12/27/11 18:55	1
1,3-Dichloropropane	<0.25		2.0	0.25	ug/L			12/27/11 18:55	1
2,2-Dichloropropane	<0.50		2.0	0.50	ug/L			12/27/11 18:55	1
1,1-Dichloropropene	<0.50		2.0	0.50	ug/L			12/27/11 18:55	1
cis-1,3-Dichloropropene	<0.20		2.0	0.20	ug/L			12/27/11 18:55	1
trans-1,3-Dichloropropene	<0.20		2.0	0.20	ug/L			12/27/11 18:55	1
Isopropyl ether	<0.50		2.0	0.50	ug/L			12/27/11 18:55	1
Ethylbenzene	<0.50		2.0	0.50	ug/L			12/27/11 18:55	1
Hexachlorobutadiene	<0.50		2.0	0.50	ug/L			12/27/11 18:55	1
Isopropylbenzene	<0.20		2.0	0.20	ug/L			12/27/11 18:55	1
p-Isopropyltoluene	<0.20		2.0	0.20	ug/L			12/27/11 18:55	1
Methylene Chloride	<1.0		2.0	1.0	ug/L			12/27/11 18:55	1
Methyl tert-butyl ether	<0.50		2.0	0.50	ug/L			12/27/11 18:55	1
Naphthalene	<0.25		5.0	0.25	ug/L			12/27/11 18:55	1
N-Propylbenzene	<0.50		2.0	0.50	ug/L			12/27/11 18:55	1
Styrene	<0.50		5.0	0.50	ug/L			12/27/11 18:55	1
1,1,1,2-Tetrachloroethane	<0.25		2.0	0.25	ug/L			12/27/11 18:55	1
1,1,2,2-Tetrachloroethane	<0.20		2.0	0.20	ug/L			12/27/11 18:55	1
Tetrachloroethene	<0.50		2.0	0.50	ug/L			12/27/11 18:55	1
Toluene	<0.50		2.0	0.50	ug/L			12/27/11 18:55	1
1,2,3-Trichlorobenzene	<0.25	*	2.0	0.25	ug/L			12/27/11 18:55	1
1,2,4-Trichlorobenzene	<0.25		2.0	0.25	ug/L			12/27/11 18:55	1
1,1,1-Trichloroethane	<0.50		2.0	0.50	ug/L			12/27/11 18:55	1
1,1,2-Trichloroethane	<0.25		2.0	0.25	ug/L			12/27/11 18:55	1
Trichloroethene	<0.20		2.0	0.20	ug/L			12/27/11 18:55	1
Trichlorofluoromethane	<0.50		2.0	0.50	ug/L			12/27/11 18:55	1
1,2,3-Trichloropropane	<0.50		2.0	0.50	ug/L			12/27/11 18:55	1
1,2,4-Trimethylbenzene	<0.20		2.0	0.20	ug/L			12/27/11 18:55	1
1,3,5-Trimethylbenzene	<0.20		2.0	0.20	ug/L			12/27/11 18:55	1
Vinyl chloride	<0.20		2.0	0.20	ug/L			12/27/11 18:55	1
Xylenes, Total	<0.50		6.0	0.50	ug/L			12/27/11 18:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*		*12/27/11 18:55*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*12/27/11 18:55*	*1*
Dibromofluoromethane (Surr)	*96*		*80 - 120*		*12/27/11 18:55*	*1*

Surrogate Summary

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

TestAmerica Job ID: 610-683-1

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

Matrix: Ground Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(80-120)	(80-120)	(80-120)
610-683-1	MW-102	98	94	101
610-683-2	MW-105	98	94	101
610-683-3	P-110	96	102	98
610-683-4	MW-111	99	94	101
610-683-5	MW-104	98	94	101
610-683-6	MW-116	98	94	101
610-683-7	MW-115	98	94	100
610-683-8	P-113	100	102	96
610-683-9	MW-112	95	102	97

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)

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

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(80-120)	(80-120)	(80-120)
610-683-10	TB-1	96	102	96
LCS 610-1108/1	Lab Control Sample	94	99	96
LCS 610-1109/1	Lab Control Sample	103	95	94
LCS 610-1126/1	Lab Control Sample	97	102	94
MB 610-1108/4	Method Blank	95	102	97
MB 610-1109/4	Method Blank	99	94	99
MB 610-1126/4	Method Blank	97	102	97

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)

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

TestAmerica Job ID: 610-683-1

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

Lab Sample ID: MB 610-1108/4
Matrix: Water
Analysis Batch: 1108

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.20		2.0	0.20	ug/L			12/27/11 18:29	1
Bromobenzene	<0.20		2.0	0.20	ug/L			12/27/11 18:29	1
Bromochloromethane	<0.50		2.0	0.50	ug/L			12/27/11 18:29	1
Bromodichloromethane	<0.20		2.0	0.20	ug/L			12/27/11 18:29	1
Bromoform	<0.20		5.0	0.20	ug/L			12/27/11 18:29	1
Bromomethane	<0.50		5.0	0.50	ug/L			12/27/11 18:29	1
n-Butylbenzene	<0.20		2.0	0.20	ug/L			12/27/11 18:29	1
sec-Butylbenzene	<0.25		2.0	0.25	ug/L			12/27/11 18:29	1
tert-Butylbenzene	<0.20		2.0	0.20	ug/L			12/27/11 18:29	1
Carbon tetrachloride	<0.80		2.0	0.80	ug/L			12/27/11 18:29	1
Chlorobenzene	<0.20		2.0	0.20	ug/L			12/27/11 18:29	1
Chlorodibromomethane	<0.20		2.0	0.20	ug/L			12/27/11 18:29	1
Chloroethane	<1.0		5.0	1.0	ug/L			12/27/11 18:29	1
Chloroform	<0.20		2.0	0.20	ug/L			12/27/11 18:29	1
Chloromethane	<0.30		2.0	0.30	ug/L			12/27/11 18:29	1
2-Chlorotoluene	<0.50		2.0	0.50	ug/L			12/27/11 18:29	1
4-Chlorotoluene	<0.20		2.0	0.20	ug/L			12/27/11 18:29	1
1,2-Dibromo-3-Chloropropane	<0.50		2.0	0.50	ug/L			12/27/11 18:29	1
1,2-Dibromoethane (EDB)	<0.20		2.0	0.20	ug/L			12/27/11 18:29	1
Dibromomethane	<0.20		2.0	0.20	ug/L			12/27/11 18:29	1
1,2-Dichlorobenzene	<0.20		2.0	0.20	ug/L			12/27/11 18:29	1
1,3-Dichlorobenzene	<0.20		2.0	0.20	ug/L			12/27/11 18:29	1
1,4-Dichlorobenzene	<0.50		2.0	0.50	ug/L			12/27/11 18:29	1
Dichlorodifluoromethane	<0.50		2.0	0.50	ug/L			12/27/11 18:29	1
1,1-Dichloroethane	<0.50		2.0	0.50	ug/L			12/27/11 18:29	1
1,2-Dichloroethane	<0.50		2.0	0.50	ug/L			12/27/11 18:29	1
1,1-Dichloroethene	<0.50		2.0	0.50	ug/L			12/27/11 18:29	1
cis-1,2-Dichloroethene	<0.50		2.0	0.50	ug/L			12/27/11 18:29	1
trans-1,2-Dichloroethene	<0.50		2.0	0.50	ug/L			12/27/11 18:29	1
1,2-Dichloropropane	<0.50		2.0	0.50	ug/L			12/27/11 18:29	1
1,3-Dichloropropane	<0.25		2.0	0.25	ug/L			12/27/11 18:29	1
2,2-Dichloropropane	<0.50		2.0	0.50	ug/L			12/27/11 18:29	1
1,1-Dichloropropene	<0.50		2.0	0.50	ug/L			12/27/11 18:29	1
cis-1,3-Dichloropropene	<0.20		2.0	0.20	ug/L			12/27/11 18:29	1
trans-1,3-Dichloropropene	<0.20		2.0	0.20	ug/L			12/27/11 18:29	1
Isopropyl ether	<0.50		2.0	0.50	ug/L			12/27/11 18:29	1
Ethylbenzene	<0.50		2.0	0.50	ug/L			12/27/11 18:29	1
Hexachlorobutadiene	<0.50		2.0	0.50	ug/L			12/27/11 18:29	1
Isopropylbenzene	<0.20		2.0	0.20	ug/L			12/27/11 18:29	1
p-Isopropyltoluene	<0.20		2.0	0.20	ug/L			12/27/11 18:29	1
Methylene Chloride	<1.0		2.0	1.0	ug/L			12/27/11 18:29	1
Methyl tert-butyl ether	<0.50		2.0	0.50	ug/L			12/27/11 18:29	1
Naphthalene	<0.25		5.0	0.25	ug/L			12/27/11 18:29	1
N-Propylbenzene	<0.50		2.0	0.50	ug/L			12/27/11 18:29	1
Styrene	<0.50		5.0	0.50	ug/L			12/27/11 18:29	1
1,1,1,2-Tetrachloroethane	<0.25		2.0	0.25	ug/L			12/27/11 18:29	1
1,1,2,2-Tetrachloroethane	<0.20		2.0	0.20	ug/L			12/27/11 18:29	1
Tetrachloroethene	<0.50		2.0	0.50	ug/L			12/27/11 18:29	1
Toluene	<0.50		2.0	0.50	ug/L			12/27/11 18:29	1

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

Lab Sample ID: MB 610-1108/4
Matrix: Water
Analysis Batch: 1108

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.25		2.0	0.25	ug/L			12/27/11 18:29	1
1,2,4-Trichlorobenzene	<0.25		2.0	0.25	ug/L			12/27/11 18:29	1
1,1,1-Trichloroethane	<0.50		2.0	0.50	ug/L			12/27/11 18:29	1
1,1,2-Trichloroethane	<0.25		2.0	0.25	ug/L			12/27/11 18:29	1
Trichloroethene	<0.20		2.0	0.20	ug/L			12/27/11 18:29	1
Trichlorofluoromethane	<0.50		2.0	0.50	ug/L			12/27/11 18:29	1
1,2,3-Trichloropropane	<0.50		2.0	0.50	ug/L			12/27/11 18:29	1
1,2,4-Trimethylbenzene	<0.20		2.0	0.20	ug/L			12/27/11 18:29	1
1,3,5-Trimethylbenzene	<0.20		2.0	0.20	ug/L			12/27/11 18:29	1
Vinyl chloride	<0.20		2.0	0.20	ug/L			12/27/11 18:29	1
Xylenes, Total	<0.50		6.0	0.50	ug/L			12/27/11 18:29	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*		*12/27/11 18:29*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*12/27/11 18:29*	*1*
Dibromofluoromethane (Surr)	*97*		*80 - 120*		*12/27/11 18:29*	*1*

Lab Sample ID: LCS 610-1108/1
Matrix: Water
Analysis Batch: 1108

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	50.0	47.0		ug/L		94	80 - 120
Bromobenzene	50.0	48.1		ug/L		96	80 - 120
Bromochloromethane	50.0	47.7		ug/L		95	80 - 120
Bromodichloromethane	50.0	49.5		ug/L		99	80 - 120
Bromoform	50.0	53.2		ug/L		106	80 - 120
Bromomethane	50.0	31.2		ug/L		62	60 - 140
n-Butylbenzene	50.0	49.9		ug/L		100	80 - 120
sec-Butylbenzene	50.0	50.3		ug/L		101	80 - 120
tert-Butylbenzene	50.0	50.6		ug/L		101	80 - 120
Carbon tetrachloride	50.0	48.2		ug/L		96	60 - 140
Chlorobenzene	50.0	50.0		ug/L		100	80 - 120
Chlorodibromomethane	50.0	52.5		ug/L		105	80 - 120
Chloroethane	50.0	46.8		ug/L		94	60 - 140
Chloroform	50.0	46.0		ug/L		92	80 - 120
Chloromethane	50.0	42.7		ug/L		85	60 - 140
2-Chlorotoluene	50.0	48.8		ug/L		98	80 - 120
4-Chlorotoluene	50.0	47.1		ug/L		94	80 - 120
1,2-Dibromo-3-Chloropropane	50.0	65.0		ug/L		130	60 - 140
1,2-Dibromoethane (EDB)	50.0	50.1		ug/L		100	80 - 120
Dibromomethane	50.0	49.8		ug/L		100	80 - 120
1,2-Dichlorobenzene	50.0	51.1		ug/L		102	80 - 120
1,3-Dichlorobenzene	50.0	50.0		ug/L		100	80 - 120
1,4-Dichlorobenzene	50.0	49.4		ug/L		99	80 - 120
Dichlorodifluoromethane	50.0	44.8		ug/L		90	60 - 140
1,1-Dichloroethane	50.0	48.6		ug/L		97	80 - 120
1,2-Dichloroethane	50.0	46.4		ug/L		93	80 - 120
1,1-Dichloroethene	50.0	49.3		ug/L		99	80 - 120

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

Lab Sample ID: LCS 610-1108/1
Matrix: Water
Analysis Batch: 1108

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
cis-1,2-Dichloroethene	50.0	47.5		ug/L		95	80 - 120
trans-1,2-Dichloroethene	50.0	48.2		ug/L		96	80 - 120
1,2-Dichloropropane	50.0	49.5		ug/L		99	80 - 120
1,3-Dichloropropane	50.0	49.4		ug/L		99	80 - 120
2,2-Dichloropropane	50.0	46.8		ug/L		94	60 - 140
1,1-Dichloropropene	50.0	45.6		ug/L		91	80 - 120
cis-1,3-Dichloropropene	50.0	49.7		ug/L		99	80 - 120
trans-1,3-Dichloropropene	50.0	49.9		ug/L		100	80 - 120
Isopropyl ether	50.0	52.8		ug/L		106	80 - 120
Ethylbenzene	50.0	50.0		ug/L		100	80 - 120
Hexachlorobutadiene	50.0	44.7		ug/L		89	60 - 140
Isopropylbenzene	50.0	48.8		ug/L		98	80 - 120
p-Isopropyltoluene	50.0	49.2		ug/L		98	80 - 120
Methylene Chloride	50.0	46.4		ug/L		93	80 - 120
Methyl tert-butyl ether	50.0	47.5		ug/L		95	80 - 120
Naphthalene	50.0	69.7		ug/L		139	60 - 140
N-Propylbenzene	50.0	49.1		ug/L		98	80 - 120
Styrene	50.0	50.7		ug/L		101	80 - 120
1,1,1,2-Tetrachloroethane	50.0	51.6		ug/L		103	80 - 120
1,1,2,2-Tetrachloroethane	50.0	54.0		ug/L		108	80 - 120
Tetrachloroethene	50.0	49.7		ug/L		99	80 - 120
Toluene	50.0	48.6		ug/L		97	80 - 120
1,2,3-Trichlorobenzene	50.0	62.7	*	ug/L		125	80 - 120
1,2,4-Trichlorobenzene	50.0	56.5		ug/L		113	80 - 120
1,1,1-Trichloroethane	50.0	48.6		ug/L		97	80 - 120
1,1,2-Trichloroethane	50.0	50.2		ug/L		100	80 - 120
Trichloroethene	50.0	50.3		ug/L		101	80 - 120
Trichlorofluoromethane	50.0	49.5		ug/L		99	80 - 120
1,2,3-Trichloropropane	50.0	54.1		ug/L		108	80 - 120
1,2,4-Trimethylbenzene	50.0	48.8		ug/L		98	80 - 120
1,3,5-Trimethylbenzene	50.0	48.6		ug/L		97	80 - 120
Vinyl chloride	50.0	45.3		ug/L		91	80 - 120
Xylenes, Total	150	150		ug/L		100	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*94*		*80 - 120*
Toluene-d8 (Surr)	*99*		*80 - 120*
Dibromofluoromethane (Surr)	*96*		*80 - 120*

Lab Sample ID: MB 610-1109/4
Matrix: Water
Analysis Batch: 1109

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.20		2.0	0.20	ug/L			12/27/11 10:03	1
Bromobenzene	<0.20		2.0	0.20	ug/L			12/27/11 10:03	1
Bromochloromethane	<0.50		2.0	0.50	ug/L			12/27/11 10:03	1
Bromodichloromethane	<0.20		2.0	0.20	ug/L			12/27/11 10:03	1
Bromoform	<0.20		5.0	0.20	ug/L			12/27/11 10:03	1

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

Lab Sample ID: MB 610-1109/4
Matrix: Water
Analysis Batch: 1109

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	<0.50		5.0	0.50	ug/L			12/27/11 10:03	1
n-Butylbenzene	<0.20		2.0	0.20	ug/L			12/27/11 10:03	1
sec-Butylbenzene	<0.25		2.0	0.25	ug/L			12/27/11 10:03	1
tert-Butylbenzene	<0.20		2.0	0.20	ug/L			12/27/11 10:03	1
Carbon tetrachloride	<0.80		2.0	0.80	ug/L			12/27/11 10:03	1
Chlorobenzene	<0.20		2.0	0.20	ug/L			12/27/11 10:03	1
Chlorodibromomethane	<0.20		2.0	0.20	ug/L			12/27/11 10:03	1
Chloroethane	<1.0		5.0	1.0	ug/L			12/27/11 10:03	1
Chloroform	<0.20		2.0	0.20	ug/L			12/27/11 10:03	1
Chloromethane	<0.30		2.0	0.30	ug/L			12/27/11 10:03	1
2-Chlorotoluene	<0.50		2.0	0.50	ug/L			12/27/11 10:03	1
4-Chlorotoluene	<0.20		2.0	0.20	ug/L			12/27/11 10:03	1
1,2-Dibromo-3-Chloropropane	<0.50		2.0	0.50	ug/L			12/27/11 10:03	1
1,2-Dibromoethane (EDB)	<0.20		2.0	0.20	ug/L			12/27/11 10:03	1
Dibromomethane	<0.20		2.0	0.20	ug/L			12/27/11 10:03	1
1,2-Dichlorobenzene	<0.20		2.0	0.20	ug/L			12/27/11 10:03	1
1,3-Dichlorobenzene	<0.20		2.0	0.20	ug/L			12/27/11 10:03	1
1,4-Dichlorobenzene	<0.50		2.0	0.50	ug/L			12/27/11 10:03	1
Dichlorodifluoromethane	<0.50		2.0	0.50	ug/L			12/27/11 10:03	1
1,1-Dichloroethane	<0.50		2.0	0.50	ug/L			12/27/11 10:03	1
1,2-Dichloroethane	<0.50		2.0	0.50	ug/L			12/27/11 10:03	1
1,1-Dichloroethene	<0.50		2.0	0.50	ug/L			12/27/11 10:03	1
cis-1,2-Dichloroethene	<0.50		2.0	0.50	ug/L			12/27/11 10:03	1
trans-1,2-Dichloroethene	<0.50		2.0	0.50	ug/L			12/27/11 10:03	1
1,2-Dichloropropane	<0.50		2.0	0.50	ug/L			12/27/11 10:03	1
1,3-Dichloropropane	<0.25		2.0	0.25	ug/L			12/27/11 10:03	1
2,2-Dichloropropane	<0.50		2.0	0.50	ug/L			12/27/11 10:03	1
1,1-Dichloropropene	<0.50		2.0	0.50	ug/L			12/27/11 10:03	1
cis-1,3-Dichloropropene	<0.20		2.0	0.20	ug/L			12/27/11 10:03	1
trans-1,3-Dichloropropene	<0.20		2.0	0.20	ug/L			12/27/11 10:03	1
Isopropyl ether	<0.50		2.0	0.50	ug/L			12/27/11 10:03	1
Ethylbenzene	<0.50		2.0	0.50	ug/L			12/27/11 10:03	1
Hexachlorobutadiene	<0.50		2.0	0.50	ug/L			12/27/11 10:03	1
Isopropylbenzene	<0.20		2.0	0.20	ug/L			12/27/11 10:03	1
p-Isopropyltoluene	<0.20		2.0	0.20	ug/L			12/27/11 10:03	1
Methylene Chloride	<1.0		2.0	1.0	ug/L			12/27/11 10:03	1
Methyl tert-butyl ether	<0.50		2.0	0.50	ug/L			12/27/11 10:03	1
Naphthalene	<0.25		5.0	0.25	ug/L			12/27/11 10:03	1
N-Propylbenzene	<0.50		2.0	0.50	ug/L			12/27/11 10:03	1
Styrene	<0.50		5.0	0.50	ug/L			12/27/11 10:03	1
1,1,1,2-Tetrachloroethane	<0.25		2.0	0.25	ug/L			12/27/11 10:03	1
1,1,2,2-Tetrachloroethane	<0.20		2.0	0.20	ug/L			12/27/11 10:03	1
Tetrachloroethene	<0.50		2.0	0.50	ug/L			12/27/11 10:03	1
Toluene	<0.50		2.0	0.50	ug/L			12/27/11 10:03	1
1,2,3-Trichlorobenzene	<0.25		2.0	0.25	ug/L			12/27/11 10:03	1
1,2,4-Trichlorobenzene	<0.25		2.0	0.25	ug/L			12/27/11 10:03	1
1,1,1-Trichloroethane	<0.50		2.0	0.50	ug/L			12/27/11 10:03	1
1,1,2-Trichloroethane	<0.25		2.0	0.25	ug/L			12/27/11 10:03	1
Trichloroethene	<0.20		2.0	0.20	ug/L			12/27/11 10:03	1
Trichlorofluoromethane	<0.50		2.0	0.50	ug/L			12/27/11 10:03	1

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

Lab Sample ID: MB 610-1109/4
Matrix: Water
Analysis Batch: 1109

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	<0.50		2.0	0.50	ug/L			12/27/11 10:03	1
1,2,4-Trimethylbenzene	<0.20		2.0	0.20	ug/L			12/27/11 10:03	1
1,3,5-Trimethylbenzene	<0.20		2.0	0.20	ug/L			12/27/11 10:03	1
Vinyl chloride	<0.20		2.0	0.20	ug/L			12/27/11 10:03	1
Xylenes, Total	<0.50		6.0	0.50	ug/L			12/27/11 10:03	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*		*12/27/11 10:03*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*		*12/27/11 10:03*	*1*
Dibromofluoromethane (Surr)	*99*		*80 - 120*		*12/27/11 10:03*	*1*

Lab Sample ID: LCS 610-1109/1
Matrix: Water
Analysis Batch: 1109

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	50.0	46.3		ug/L		93	80 - 120
Bromobenzene	50.0	46.7		ug/L		93	80 - 120
Bromochloromethane	50.0	47.8		ug/L		96	80 - 120
Bromodichloromethane	50.0	51.1		ug/L		102	80 - 120
Bromoform	50.0	48.4		ug/L		97	80 - 120
Bromomethane	50.0	32.0		ug/L		64	60 - 140
n-Butylbenzene	50.0	43.2		ug/L		86	80 - 120
sec-Butylbenzene	50.0	42.8		ug/L		86	80 - 120
tert-Butylbenzene	50.0	42.5		ug/L		85	80 - 120
Carbon tetrachloride	50.0	46.2		ug/L		92	60 - 140
Chlorobenzene	50.0	46.8		ug/L		94	80 - 120
Chlorodibromomethane	50.0	51.4		ug/L		103	80 - 120
Chloroethane	50.0	47.1		ug/L		94	60 - 140
Chloroform	50.0	47.4		ug/L		95	80 - 120
Chloromethane	50.0	34.6		ug/L		69	60 - 140
2-Chlorotoluene	50.0	47.5		ug/L		95	80 - 120
4-Chlorotoluene	50.0	46.8		ug/L		94	80 - 120
1,2-Dibromo-3-Chloropropane	50.0	44.0		ug/L		88	60 - 140
1,2-Dibromoethane (EDB)	50.0	46.9		ug/L		94	80 - 120
Dibromomethane	50.0	50.7		ug/L		101	80 - 120
1,2-Dichlorobenzene	50.0	44.4		ug/L		89	80 - 120
1,3-Dichlorobenzene	50.0	44.6		ug/L		89	80 - 120
1,4-Dichlorobenzene	50.0	43.8		ug/L		88	80 - 120
Dichlorodifluoromethane	50.0	39.4		ug/L		79	60 - 140
1,1-Dichloroethane	50.0	47.8		ug/L		96	80 - 120
1,2-Dichloroethane	50.0	46.8		ug/L		94	80 - 120
1,1-Dichloroethene	50.0	45.1		ug/L		90	80 - 120
cis-1,2-Dichloroethene	50.0	46.6		ug/L		93	80 - 120
trans-1,2-Dichloroethene	50.0	46.2		ug/L		92	80 - 120
1,2-Dichloropropane	50.0	51.0		ug/L		102	80 - 120
1,3-Dichloropropane	50.0	49.9		ug/L		100	80 - 120
2,2-Dichloropropane	50.0	48.2		ug/L		96	60 - 140
1,1-Dichloropropene	50.0	44.7		ug/L		89	80 - 120

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

Lab Sample ID: LCS 610-1109/1
Matrix: Water
Analysis Batch: 1109

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
cis-1,3-Dichloropropene	50.0	49.8		ug/L		100	80 - 120
trans-1,3-Dichloropropene	50.0	49.8		ug/L		100	80 - 120
Isopropyl ether	50.0	49.6		ug/L		99	80 - 120
Ethylbenzene	50.0	46.3		ug/L		93	80 - 120
Hexachlorobutadiene	50.0	42.8		ug/L		86	60 - 140
Isopropylbenzene	50.0	46.2		ug/L		92	80 - 120
p-Isopropyltoluene	50.0	46.8		ug/L		94	80 - 120
Methylene Chloride	50.0	46.5		ug/L		93	80 - 120
Methyl tert-butyl ether	50.0	45.1		ug/L		90	80 - 120
Naphthalene	50.0	37.8		ug/L		76	60 - 140
N-Propylbenzene	50.0	46.7		ug/L		93	80 - 120
Styrene	50.0	47.5		ug/L		95	80 - 120
1,1,1,2-Tetrachloroethane	50.0	48.0		ug/L		96	80 - 120
1,1,2,2-Tetrachloroethane	50.0	44.8		ug/L		90	80 - 120
Tetrachloroethene	50.0	46.2		ug/L		92	80 - 120
Toluene	50.0	46.2		ug/L		92	80 - 120
1,2,3-Trichlorobenzene	50.0	43.8		ug/L		88	80 - 120
1,2,4-Trichlorobenzene	50.0	43.5		ug/L		87	80 - 120
1,1,1-Trichloroethane	50.0	46.2		ug/L		92	80 - 120
1,1,2-Trichloroethane	50.0	50.7		ug/L		101	80 - 120
Trichloroethene	50.0	49.1		ug/L		98	80 - 120
Trichlorofluoromethane	50.0	44.8		ug/L		90	80 - 120
1,2,3-Trichloropropane	50.0	46.0		ug/L		92	80 - 120
1,2,4-Trimethylbenzene	50.0	47.3		ug/L		95	80 - 120
1,3,5-Trimethylbenzene	50.0	46.6		ug/L		93	80 - 120
Vinyl chloride	50.0	41.9		ug/L		84	80 - 120
Xylenes, Total	150	140		ug/L		93	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*
Toluene-d8 (Surr)	*95*		*80 - 120*
Dibromofluoromethane (Surr)	*94*		*80 - 120*

Lab Sample ID: MB 610-1126/4
Matrix: Water
Analysis Batch: 1126

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.20		2.0	0.20	ug/L			12/28/11 07:47	1
Bromobenzene	<0.20		2.0	0.20	ug/L			12/28/11 07:47	1
Bromochloromethane	<0.50		2.0	0.50	ug/L			12/28/11 07:47	1
Bromodichloromethane	<0.20		2.0	0.20	ug/L			12/28/11 07:47	1
Bromoform	<0.20		5.0	0.20	ug/L			12/28/11 07:47	1
Bromomethane	<0.50		5.0	0.50	ug/L			12/28/11 07:47	1
n-Butylbenzene	<0.20		2.0	0.20	ug/L			12/28/11 07:47	1
sec-Butylbenzene	<0.25		2.0	0.25	ug/L			12/28/11 07:47	1
tert-Butylbenzene	<0.20		2.0	0.20	ug/L			12/28/11 07:47	1
Carbon tetrachloride	<0.80		2.0	0.80	ug/L			12/28/11 07:47	1
Chlorobenzene	<0.20		2.0	0.20	ug/L			12/28/11 07:47	1

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

Lab Sample ID: MB 610-1126/4
Matrix: Water
Analysis Batch: 1126

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorodibromomethane	<0.20		2.0	0.20	ug/L			12/28/11 07:47	1
Chloroethane	<1.0		5.0	1.0	ug/L			12/28/11 07:47	1
Chloroform	<0.20		2.0	0.20	ug/L			12/28/11 07:47	1
Chloromethane	<0.30		2.0	0.30	ug/L			12/28/11 07:47	1
2-Chlorotoluene	<0.50		2.0	0.50	ug/L			12/28/11 07:47	1
4-Chlorotoluene	<0.20		2.0	0.20	ug/L			12/28/11 07:47	1
1,2-Dibromo-3-Chloropropane	<0.50		2.0	0.50	ug/L			12/28/11 07:47	1
1,2-Dibromoethane (EDB)	<0.20		2.0	0.20	ug/L			12/28/11 07:47	1
Dibromomethane	<0.20		2.0	0.20	ug/L			12/28/11 07:47	1
1,2-Dichlorobenzene	<0.20		2.0	0.20	ug/L			12/28/11 07:47	1
1,3-Dichlorobenzene	<0.20		2.0	0.20	ug/L			12/28/11 07:47	1
1,4-Dichlorobenzene	<0.50		2.0	0.50	ug/L			12/28/11 07:47	1
Dichlorodifluoromethane	<0.50		2.0	0.50	ug/L			12/28/11 07:47	1
1,1-Dichloroethane	<0.50		2.0	0.50	ug/L			12/28/11 07:47	1
1,2-Dichloroethane	<0.50		2.0	0.50	ug/L			12/28/11 07:47	1
1,1-Dichloroethene	<0.50		2.0	0.50	ug/L			12/28/11 07:47	1
cis-1,2-Dichloroethene	<0.50		2.0	0.50	ug/L			12/28/11 07:47	1
trans-1,2-Dichloroethene	<0.50		2.0	0.50	ug/L			12/28/11 07:47	1
1,2-Dichloropropane	<0.50		2.0	0.50	ug/L			12/28/11 07:47	1
1,3-Dichloropropane	<0.25		2.0	0.25	ug/L			12/28/11 07:47	1
2,2-Dichloropropane	<0.50		2.0	0.50	ug/L			12/28/11 07:47	1
1,1-Dichloropropene	<0.50		2.0	0.50	ug/L			12/28/11 07:47	1
cis-1,3-Dichloropropene	<0.20		2.0	0.20	ug/L			12/28/11 07:47	1
trans-1,3-Dichloropropene	<0.20		2.0	0.20	ug/L			12/28/11 07:47	1
Isopropyl ether	<0.50		2.0	0.50	ug/L			12/28/11 07:47	1
Ethylbenzene	<0.50		2.0	0.50	ug/L			12/28/11 07:47	1
Hexachlorobutadiene	<0.50		2.0	0.50	ug/L			12/28/11 07:47	1
Isopropylbenzene	<0.20		2.0	0.20	ug/L			12/28/11 07:47	1
p-Isopropyltoluene	<0.20		2.0	0.20	ug/L			12/28/11 07:47	1
Methylene Chloride	<1.0		2.0	1.0	ug/L			12/28/11 07:47	1
Methyl tert-butyl ether	<0.50		2.0	0.50	ug/L			12/28/11 07:47	1
Naphthalene	<0.25		5.0	0.25	ug/L			12/28/11 07:47	1
N-Propylbenzene	<0.50		2.0	0.50	ug/L			12/28/11 07:47	1
Styrene	<0.50		5.0	0.50	ug/L			12/28/11 07:47	1
1,1,1,2-Tetrachloroethane	<0.25		2.0	0.25	ug/L			12/28/11 07:47	1
1,1,2,2-Tetrachloroethane	<0.20		2.0	0.20	ug/L			12/28/11 07:47	1
Tetrachloroethene	<0.50		2.0	0.50	ug/L			12/28/11 07:47	1
Toluene	<0.50		2.0	0.50	ug/L			12/28/11 07:47	1
1,2,3-Trichlorobenzene	<0.25		2.0	0.25	ug/L			12/28/11 07:47	1
1,2,4-Trichlorobenzene	<0.25		2.0	0.25	ug/L			12/28/11 07:47	1
1,1,1-Trichloroethane	<0.50		2.0	0.50	ug/L			12/28/11 07:47	1
1,1,2-Trichloroethane	<0.25		2.0	0.25	ug/L			12/28/11 07:47	1
Trichloroethene	<0.20		2.0	0.20	ug/L			12/28/11 07:47	1
Trichlorofluoromethane	<0.50		2.0	0.50	ug/L			12/28/11 07:47	1
1,2,3-Trichloropropane	<0.50		2.0	0.50	ug/L			12/28/11 07:47	1
1,2,4-Trimethylbenzene	<0.20		2.0	0.20	ug/L			12/28/11 07:47	1
1,3,5-Trimethylbenzene	<0.20		2.0	0.20	ug/L			12/28/11 07:47	1
Vinyl chloride	<0.20		2.0	0.20	ug/L			12/28/11 07:47	1
Xylenes, Total	<0.50		6.0	0.50	ug/L			12/28/11 07:47	1

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

Lab Sample ID: MB 610-1126/4
Matrix: Water
Analysis Batch: 1126

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		80 - 120		12/28/11 07:47	1
Toluene-d8 (Surr)	102		80 - 120		12/28/11 07:47	1
Dibromofluoromethane (Surr)	97		80 - 120		12/28/11 07:47	1

Lab Sample ID: LCS 610-1126/1
Matrix: Water
Analysis Batch: 1126

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	50.0	45.9		ug/L		92	80 - 120
Bromobenzene	50.0	47.8		ug/L		96	80 - 120
Bromochloromethane	50.0	45.5		ug/L		91	80 - 120
Bromodichloromethane	50.0	47.9		ug/L		96	80 - 120
Bromoform	50.0	51.4		ug/L		103	80 - 120
Bromomethane	50.0	47.1		ug/L		94	60 - 140
n-Butylbenzene	50.0	51.7		ug/L		103	80 - 120
sec-Butylbenzene	50.0	51.7		ug/L		103	80 - 120
tert-Butylbenzene	50.0	51.0		ug/L		102	80 - 120
Carbon tetrachloride	50.0	48.5		ug/L		97	60 - 140
Chlorobenzene	50.0	48.6		ug/L		97	80 - 120
Chlorodibromomethane	50.0	49.9		ug/L		100	80 - 120
Chloroethane	50.0	52.6		ug/L		105	60 - 140
Chloroform	50.0	44.8		ug/L		90	80 - 120
Chloromethane	50.0	43.2		ug/L		86	60 - 140
2-Chlorotoluene	50.0	49.5		ug/L		99	80 - 120
4-Chlorotoluene	50.0	47.9		ug/L		96	80 - 120
1,2-Dibromo-3-Chloropropane	50.0	61.9		ug/L		124	60 - 140
1,2-Dibromoethane (EDB)	50.0	49.6		ug/L		99	80 - 120
Dibromomethane	50.0	47.5		ug/L		95	80 - 120
1,2-Dichlorobenzene	50.0	49.8		ug/L		100	80 - 120
1,3-Dichlorobenzene	50.0	49.3		ug/L		99	80 - 120
1,4-Dichlorobenzene	50.0	48.7		ug/L		97	80 - 120
Dichlorodifluoromethane	50.0	46.6		ug/L		93	60 - 140
1,1-Dichloroethane	50.0	47.6		ug/L		95	80 - 120
1,2-Dichloroethane	50.0	44.4		ug/L		89	80 - 120
1,1-Dichloroethene	50.0	57.6		ug/L		115	80 - 120
cis-1,2-Dichloroethene	50.0	46.2		ug/L		92	80 - 120
trans-1,2-Dichloroethene	50.0	47.5		ug/L		95	80 - 120
1,2-Dichloropropane	50.0	48.4		ug/L		97	80 - 120
1,3-Dichloropropane	50.0	47.3		ug/L		95	80 - 120
2,2-Dichloropropane	50.0	49.4		ug/L		99	60 - 140
1,1-Dichloropropene	50.0	45.6		ug/L		91	80 - 120
cis-1,3-Dichloropropene	50.0	48.7		ug/L		97	80 - 120
trans-1,3-Dichloropropene	50.0	48.5		ug/L		97	80 - 120
Isopropyl ether	50.0	51.1		ug/L		102	80 - 120
Ethylbenzene	50.0	49.5		ug/L		99	80 - 120
Hexachlorobutadiene	50.0	47.7		ug/L		95	60 - 140
Isopropylbenzene	50.0	50.4		ug/L		101	80 - 120
p-Isopropyltoluene	50.0	51.5		ug/L		103	80 - 120

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

Lab Sample ID: LCS 610-1126/1
Matrix: Water
Analysis Batch: 1126

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methylene Chloride	50.0	44.8		ug/L		90	80 - 120
Methyl tert-butyl ether	50.0	45.0		ug/L		90	80 - 120
Naphthalene	50.0	67.4		ug/L		135	60 - 140
N-Propylbenzene	50.0	50.8		ug/L		102	80 - 120
Styrene	50.0	49.4		ug/L		99	80 - 120
1,1,1,2-Tetrachloroethane	50.0	49.9		ug/L		100	80 - 120
1,1,2,2-Tetrachloroethane	50.0	52.6		ug/L		105	80 - 120
Tetrachloroethene	50.0	51.2		ug/L		102	80 - 120
Toluene	50.0	49.2		ug/L		98	80 - 120
1,2,3-Trichlorobenzene	50.0	61.4	*	ug/L		123	80 - 120
1,2,4-Trichlorobenzene	50.0	56.0		ug/L		112	80 - 120
1,1,1-Trichloroethane	50.0	48.1		ug/L		96	80 - 120
1,1,2-Trichloroethane	50.0	47.9		ug/L		96	80 - 120
Trichloroethene	50.0	49.7		ug/L		99	80 - 120
Trichlorofluoromethane	50.0	56.2		ug/L		112	80 - 120
1,2,3-Trichloropropane	50.0	53.7		ug/L		107	80 - 120
1,2,4-Trimethylbenzene	50.0	49.4		ug/L		99	80 - 120
1,3,5-Trimethylbenzene	50.0	49.7		ug/L		99	80 - 120
Vinyl chloride	50.0	48.4		ug/L		97	80 - 120
Xylenes, Total	150	148		ug/L		99	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*
Toluene-d8 (Surr)	*102*		*80 - 120*
Dibromofluoromethane (Surr)	*94*		*80 - 120*

Method: 6020 - Metals (ICP/MS)

Lab Sample ID: MB 500-136772/1-A
Matrix: Water
Analysis Batch: 137399

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 136772

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.11		0.50	0.11	ug/L		12/23/11 16:00	01/04/12 18:36	1
Arsenic	<0.14		1.0	0.14	ug/L		12/23/11 16:00	01/04/12 18:36	1
Barium	<0.40		2.5	0.40	ug/L		12/23/11 16:00	01/04/12 18:36	1
Cadmium	<0.12	^	0.50	0.12	ug/L		12/23/11 16:00	01/04/12 18:36	1
Chromium	<0.59		5.0	0.59	ug/L		12/23/11 16:00	01/04/12 18:36	1
Lead	<0.13		0.50	0.13	ug/L		12/23/11 16:00	01/04/12 18:36	1
Selenium	<0.37		2.5	0.37	ug/L		12/23/11 16:00	01/04/12 18:36	1

Lab Sample ID: LCS 500-136772/2-A
Matrix: Water
Analysis Batch: 137399

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 136772

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Silver	50.0	51.5		ug/L		103	80 - 120
Arsenic	100	106		ug/L		106	80 - 120
Barium	500	520		ug/L		104	80 - 120

Method: 6020 - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 500-136772/2-A
Matrix: Water
Analysis Batch: 137399

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 136772

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Cadmium			50.0	51.5	^	ug/L		103	80 - 120		
Chromium			200	209		ug/L		104	80 - 120		
Lead			100	90.9		ug/L		91	80 - 120		
Selenium			100	101		ug/L		101	80 - 120		

Lab Sample ID: 610-683-5 MS
Matrix: Ground Water
Analysis Batch: 137399

Client Sample ID: MW-104
Prep Type: Dissolved
Prep Batch: 136772

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Silver	<0.11		50.0	54.9		ug/L		110	75 - 125		
Arsenic	<0.14		100	113		ug/L		113	75 - 125		
Barium	130		500	734		ug/L		120	75 - 125		
Cadmium	<0.12	^	50.0	54.3	^	ug/L		109	75 - 125		
Chromium	<0.59		200	241		ug/L		120	75 - 125		
Lead	0.14	J	100	97.7		ug/L		98	75 - 125		
Selenium	2.6		100	106		ug/L		104	75 - 125		

Lab Sample ID: 610-683-5 MSD
Matrix: Ground Water
Analysis Batch: 137399

Client Sample ID: MW-104
Prep Type: Dissolved
Prep Batch: 136772

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Silver	<0.11		50.0	56.0		ug/L		112	75 - 125	2	20
Arsenic	<0.14		100	115		ug/L		115	75 - 125	1	20
Barium	130		500	753		ug/L		124	75 - 125	3	20
Cadmium	<0.12	^	50.0	55.8	^	ug/L		112	75 - 125	3	20
Chromium	<0.59		200	244		ug/L		122	75 - 125	1	20
Lead	0.14	J	100	103		ug/L		102	75 - 125	5	20
Selenium	2.6		100	107		ug/L		105	75 - 125	1	20

Lab Sample ID: 610-683-5 DU
Matrix: Ground Water
Analysis Batch: 137399

Client Sample ID: MW-104
Prep Type: Dissolved
Prep Batch: 136772

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Silver	<0.11		<0.11		ug/L		NC	20
Arsenic	<0.14		<0.14		ug/L		NC	20
Barium	130		139		ug/L		6	20
Cadmium	<0.12	^	<0.12	^	ug/L		NC	20
Chromium	<0.59		<0.59		ug/L		NC	20
Lead	0.14	J	0.155	J	ug/L		9	20
Selenium	2.6		3.13		ug/L		18	20

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

TestAmerica Job ID: 610-683-1

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 500-136902/7-A
Matrix: Water
Analysis Batch: 137012

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 136902

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.070		0.20	0.070	ug/L		12/27/11 12:50	12/28/11 13:33	1

Lab Sample ID: LCS 500-136902/8-A
Matrix: Water
Analysis Batch: 137012

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 136902

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	2.00	1.83		ug/L		92	80 - 120

GC/MS VOA

Analysis Batch: 1108

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
610-683-8	P-113	Total/NA	Ground Water	8260B	
610-683-9	MW-112	Total/NA	Ground Water	8260B	
610-683-10	TB-1	Total/NA	Water	8260B	
LCS 610-1108/1	Lab Control Sample	Total/NA	Water	8260B	
MB 610-1108/4	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 1109

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
610-683-1	MW-102	Total/NA	Ground Water	8260B	
610-683-2	MW-105	Total/NA	Ground Water	8260B	
610-683-4	MW-111	Total/NA	Ground Water	8260B	
610-683-5	MW-104	Total/NA	Ground Water	8260B	
610-683-6	MW-116	Total/NA	Ground Water	8260B	
610-683-7	MW-115	Total/NA	Ground Water	8260B	
LCS 610-1109/1	Lab Control Sample	Total/NA	Water	8260B	
MB 610-1109/4	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 1126

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
610-683-3	P-110	Total/NA	Ground Water	8260B	
LCS 610-1126/1	Lab Control Sample	Total/NA	Water	8260B	
MB 610-1126/4	Method Blank	Total/NA	Water	8260B	

Metals

Prep Batch: 136772

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
610-683-1	MW-102	Dissolved	Ground Water	3005A	
610-683-2	MW-105	Dissolved	Ground Water	3005A	
610-683-3	P-110	Dissolved	Ground Water	3005A	
610-683-4	MW-111	Dissolved	Ground Water	3005A	
610-683-5	MW-104	Dissolved	Ground Water	3005A	
610-683-5 DU	MW-104	Dissolved	Ground Water	3005A	
610-683-5 MS	MW-104	Dissolved	Ground Water	3005A	
610-683-5 MSD	MW-104	Dissolved	Ground Water	3005A	
610-683-6	MW-116	Dissolved	Ground Water	3005A	
610-683-7	MW-115	Dissolved	Ground Water	3005A	
610-683-8	P-113	Dissolved	Ground Water	3005A	
610-683-9	MW-112	Dissolved	Ground Water	3005A	
LCS 500-136772/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
MB 500-136772/1-A	Method Blank	Total Recoverable	Water	3005A	

Prep Batch: 136902

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
610-683-1	MW-102	Dissolved	Ground Water	7470A	
610-683-2	MW-105	Dissolved	Ground Water	7470A	
610-683-3	P-110	Dissolved	Ground Water	7470A	
610-683-4	MW-111	Dissolved	Ground Water	7470A	
610-683-5	MW-104	Dissolved	Ground Water	7470A	
610-683-6	MW-116	Dissolved	Ground Water	7470A	
610-683-7	MW-115	Dissolved	Ground Water	7470A	
610-683-8	P-113	Dissolved	Ground Water	7470A	

Metals (Continued)

Prep Batch: 136902 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
610-683-9	MW-112	Dissolved	Ground Water	7470A	
LCS 500-136902/8-A	Lab Control Sample	Total/NA	Water	7470A	
MB 500-136902/7-A	Method Blank	Total/NA	Water	7470A	

Analysis Batch: 137012

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
610-683-1	MW-102	Dissolved	Ground Water	7470A	136902
610-683-2	MW-105	Dissolved	Ground Water	7470A	136902
610-683-3	P-110	Dissolved	Ground Water	7470A	136902
610-683-4	MW-111	Dissolved	Ground Water	7470A	136902
610-683-5	MW-104	Dissolved	Ground Water	7470A	136902
610-683-6	MW-116	Dissolved	Ground Water	7470A	136902
610-683-7	MW-115	Dissolved	Ground Water	7470A	136902
610-683-8	P-113	Dissolved	Ground Water	7470A	136902
610-683-9	MW-112	Dissolved	Ground Water	7470A	136902
LCS 500-136902/8-A	Lab Control Sample	Total/NA	Water	7470A	136902
MB 500-136902/7-A	Method Blank	Total/NA	Water	7470A	136902

Analysis Batch: 137399

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
610-683-1	MW-102	Dissolved	Ground Water	6020	136772
610-683-2	MW-105	Dissolved	Ground Water	6020	136772
610-683-3	P-110	Dissolved	Ground Water	6020	136772
610-683-4	MW-111	Dissolved	Ground Water	6020	136772
610-683-5	MW-104	Dissolved	Ground Water	6020	136772
610-683-5 DU	MW-104	Dissolved	Ground Water	6020	136772
610-683-5 MS	MW-104	Dissolved	Ground Water	6020	136772
610-683-5 MSD	MW-104	Dissolved	Ground Water	6020	136772
610-683-6	MW-116	Dissolved	Ground Water	6020	136772
610-683-7	MW-115	Dissolved	Ground Water	6020	136772
610-683-8	P-113	Dissolved	Ground Water	6020	136772
610-683-9	MW-112	Dissolved	Ground Water	6020	136772
LCS 500-136772/2-A	Lab Control Sample	Total Recoverable	Water	6020	136772
MB 500-136772/1-A	Method Blank	Total Recoverable	Water	6020	136772

Lab Chronicle

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

TestAmerica Job ID: 610-683-1

Client Sample ID: MW-102

Lab Sample ID: 610-683-1

Date Collected: 12/21/11 09:50

Matrix: Ground Water

Date Received: 12/22/11 14:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	1109	12/27/11 14:54	ME	TAL WAT
Dissolved	Prep	7470A			136902	12/27/11 12:50	MBG	TAL CHI
Dissolved	Analysis	7470A		1	137012	12/28/11 13:38	MBG	TAL CHI
Dissolved	Prep	3005A			136772	12/23/11 16:00	PJ	TAL CHI
Dissolved	Analysis	6020		1	137399	01/04/12 18:41	PFK	TAL CHI

Client Sample ID: MW-105

Lab Sample ID: 610-683-2

Date Collected: 12/21/11 10:35

Matrix: Ground Water

Date Received: 12/22/11 14:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	1109	12/27/11 15:20	ME	TAL WAT
Dissolved	Prep	7470A			136902	12/27/11 12:50	MBG	TAL CHI
Dissolved	Analysis	7470A		1	137012	12/28/11 13:41	MBG	TAL CHI
Dissolved	Prep	3005A			136772	12/23/11 16:00	PJ	TAL CHI
Dissolved	Analysis	6020		1	137399	01/04/12 18:44	PFK	TAL CHI

Client Sample ID: P-110

Lab Sample ID: 610-683-3

Date Collected: 12/21/11 11:20

Matrix: Ground Water

Date Received: 12/22/11 14:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		20	1126	12/28/11 16:38	ME	TAL WAT
Dissolved	Prep	7470A			136902	12/27/11 12:50	MBG	TAL CHI
Dissolved	Analysis	7470A		1	137012	12/28/11 13:44	MBG	TAL CHI
Dissolved	Prep	3005A			136772	12/23/11 16:00	PJ	TAL CHI
Dissolved	Analysis	6020		1	137399	01/04/12 18:47	PFK	TAL CHI

Client Sample ID: MW-111

Lab Sample ID: 610-683-4

Date Collected: 12/21/11 11:50

Matrix: Ground Water

Date Received: 12/22/11 14:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	1109	12/27/11 15:47	ME	TAL WAT
Dissolved	Prep	7470A			136902	12/27/11 12:50	MBG	TAL CHI
Dissolved	Analysis	7470A		1	137012	12/28/11 13:47	MBG	TAL CHI
Dissolved	Prep	3005A			136772	12/23/11 16:00	PJ	TAL CHI
Dissolved	Analysis	6020		1	137399	01/04/12 18:49	PFK	TAL CHI

Lab Chronicle

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

TestAmerica Job ID: 610-683-1

Client Sample ID: MW-104

Date Collected: 12/21/11 12:25
Date Received: 12/22/11 14:53

Lab Sample ID: 610-683-5

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	1109	12/27/11 16:13	ME	TAL WAT
Dissolved	Prep	7470A			136902	12/27/11 12:50	MBG	TAL CHI
Dissolved	Analysis	7470A		1	137012	12/28/11 13:49	MBG	TAL CHI
Dissolved	Prep	3005A			136772	12/23/11 16:00	PJ	TAL CHI
Dissolved	Analysis	6020		1	137399	01/04/12 18:52	PFK	TAL CHI

Client Sample ID: MW-116

Date Collected: 12/21/11 13:30
Date Received: 12/22/11 14:53

Lab Sample ID: 610-683-6

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	1109	12/27/11 16:39	ME	TAL WAT
Dissolved	Prep	7470A			136902	12/27/11 12:50	MBG	TAL CHI
Dissolved	Analysis	7470A		1	137012	12/28/11 13:58	MBG	TAL CHI
Dissolved	Prep	3005A			136772	12/23/11 16:00	PJ	TAL CHI
Dissolved	Analysis	6020		1	137399	01/04/12 19:10	PFK	TAL CHI

Client Sample ID: MW-115

Date Collected: 12/21/11 14:05
Date Received: 12/22/11 14:53

Lab Sample ID: 610-683-7

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	1109	12/27/11 17:05	ME	TAL WAT
Dissolved	Prep	7470A			136902	12/27/11 12:50	MBG	TAL CHI
Dissolved	Analysis	7470A		1	137012	12/28/11 14:00	MBG	TAL CHI
Dissolved	Prep	3005A			136772	12/23/11 16:00	PJ	TAL CHI
Dissolved	Analysis	6020		1	137399	01/04/12 19:13	PFK	TAL CHI

Client Sample ID: P-113

Date Collected: 12/21/11 14:40
Date Received: 12/22/11 14:53

Lab Sample ID: 610-683-8

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	1108	12/27/11 20:15	ME	TAL WAT
Dissolved	Prep	7470A			136902	12/27/11 12:50	MBG	TAL CHI
Dissolved	Analysis	7470A		1	137012	12/28/11 14:03	MBG	TAL CHI
Dissolved	Prep	3005A			136772	12/23/11 16:00	PJ	TAL CHI
Dissolved	Analysis	6020		1	137399	01/04/12 19:15	PFK	TAL CHI

Lab Chronicle

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

TestAmerica Job ID: 610-683-1

Client Sample ID: MW-112

Date Collected: 12/21/11 15:05
Date Received: 12/22/11 14:53

Lab Sample ID: 610-683-9
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	1108	12/27/11 20:42	ME	TAL WAT
Dissolved	Prep	7470A			136902	12/27/11 12:50	MBG	TAL CHI
Dissolved	Analysis	7470A		1	137012	12/28/11 14:06	MBG	TAL CHI
Dissolved	Prep	3005A			136772	12/23/11 16:00	PJ	TAL CHI
Dissolved	Analysis	6020		1	137399	01/04/12 19:18	PFK	TAL CHI

Client Sample ID: TB-1

Date Collected: 12/21/11 00:00
Date Received: 12/22/11 14:53

Lab Sample ID: 610-683-10
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	1108	12/27/11 18:55	ME	TAL WAT

Laboratory References:

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

TAL WAT = TestAmerica Watertown, 1101 Industrial Drive, Watertown, WI 53094, TEL (920)261-1660

Certification Summary

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

TestAmerica Job ID: 610-683-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Watertown		WI Dept of Agriculture (Micro)		105-266
TestAmerica Watertown	Illinois	NELAC	5	100453
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 Beazer Oak

TestAmerica Job ID: 610-683-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL WAT
6020	Metals (ICP/MS)	SW846	TAL CHI
7470A	Mercury (CVAA)	SW846	TAL CHI

Protocol References:

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 WAT = TestAmerica Watertown, 1101 Industrial Drive, Watertown, WI 53094, TEL (920)261-1660

Sample Summary

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

TestAmerica Job ID: 610-683-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
610-683-1	MW-102	Ground Water	12/21/11 09:50	12/22/11 14:53
610-683-2	MW-105	Ground Water	12/21/11 10:35	12/22/11 14:53
610-683-3	P-110	Ground Water	12/21/11 11:20	12/22/11 14:53
610-683-4	MW-111	Ground Water	12/21/11 11:50	12/22/11 14:53
610-683-5	MW-104	Ground Water	12/21/11 12:25	12/22/11 14:53
610-683-6	MW-116	Ground Water	12/21/11 13:30	12/22/11 14:53
610-683-7	MW-115	Ground Water	12/21/11 14:05	12/22/11 14:53
610-683-8	P-113	Ground Water	12/21/11 14:40	12/22/11 14:53
610-683-9	MW-112	Ground Water	12/21/11 15:05	12/22/11 14:53
610-683-10	TB-1	Water	12/21/11 00:00	12/22/11 14:53

610-683

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Watertown Division
602 Commerce Drive
Watertown, WI 53094

Phone 920-261-1660 or 800-833-7036
Fax 920-261-8120

To assist us in using the proper analytical methods, is this work being conducted for regulatory purposes?
Compliance Monitoring

Client Name: TetraTech GEO
Client #:
Address: 175 N. Corporate Dr. Suite 100
City/State/Zip Code: Brookfield, WI 53045
Project Manager: Mike Noel
Telephone Number: (262)792-1282
Fax: (262)792-1310
Sampler Name: (Print Name) Ashley A. Weimer
Sampler Signature: Ashley A. Weimer

Project Name: Badger Oak Creek - Wabash Alloys
Project #: 117-220125.02
Site/Location ID: Oak Creek
State: WI
Report To: Mike Noel
Invoice To: TetraTech GEO
Quote #:
PO#:

E-mail address:

TAT: X Standard; ___ Rush (surcharges may apply)
Date Needed: Standard
Fax Results: Y N
E-mail: Y N

	SAMPLE ID	Date Sampled	Time Sampled	G = Grab, C = Composite	Field Filtered	Matrix (SL - Sludge, DW - Drinking Water, GW - Groundwater, S - Soil/Solid, WW - Wastewater, Specify Other)	Preservation & # of Containers: HNO_3	HCl	NaOH	H_2SO_4	Methanol	None	Other (Specify)	Analyze For: Metals (Filtered) 6020	VOCs 8260B	REMARKS
1	MW-102	12-21	09:50	G	Y/N	GW	1	3						✓	✓	
2	MW-105		10:35				1	3						✓	✓	
3	P-110		11:20				1	3						✓	✓	
4	MW-111		11:50				1	3						✓	✓	
5	MW-104		12:25				1	3						✓	✓	
6	MW-116		13:30				1	3						✓	✓	
7	MW-115		14:05				1	3						✓	✓	
8	P-113		14:40				1	3						✓	✓	
9	MW-112		15:05				1	3						✓	✓	
10	TB-1	—	—		N	DI		1							✓	Lab Prepared

QC Deliverables: ___ None; ___ Level 2 (Batch QC); ___ Level 3; ___ Level 4; Other: ___

Special Instructions:

Relinquished By: Ashley A. Weimer	Date: 12-22-11	Time: 0800	Received By: Roy Wray	Date: 12.22.11	Time: 1200
Relinquished By: Roy Wray	Date: 12/22/11	Time: 1350	Received By:	Date: 12.22	Time: 1453
Relinquished By:	Date:	Time:	Received By:	Date:	Time:

LABORATORY COMMENTS:
Init Lab Temp: 1.9°C
Rec Lab Temp:
Custody Seals: Y (N) N/A
Bottles Supplied by TestAmerica: (Y) N
Method of Shipment: TA

TAL-0020 (1207)

1/6/2012

Login Sample Receipt Checklist

Client: Tetra Tech GEO

Job Number: 610-683-1

Login Number: 683

List Number: 1

Creator: Bocher, Brad

List Source: TestAmerica Watertown

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	N/A	
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	1.9
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 sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Tetra Tech GEO

Job Number: 610-683-1

Login Number: 683
List Number: 1
Creator: Kelsey, Shawn M

List Source: TestAmerica Chicago
List Creation: 12/23/11 01:06 PM

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
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 Watertown
1101 Industrial Drive
Watertown, WI 53094
Tel: (920)261-1660

TestAmerica Job ID: 610-696-1
Client Project/Site: Beazer - Wabach Alloys 117-2201257.02

For:
Tetra Tech GEO
175 N Corporate Drive
Suite 100
Brookfield, Wisconsin 53045

Attn: Michael Noel

Karri Warnock

Authorized for release by:
1/6/2012 4:30:08 AM
Karri Warnock
Lab Director
karri.warnock@testamericainc.com

Designee for

Dan Milewsky
Project Manager II
dan.milewsky@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

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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Client: Tetra Tech GEO
Project/Site: Beazer - Wabach Alloys 117-2201257.02

TestAmerica Job ID: 610-696-1

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
*	RPD of the LCS and 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.
X	Surrogate is outside control limits

Metals

Qualifier	Qualifier Description
^	ICV,CCV,ICB,CCB, ISA, ISB, CRI, CRA, DLCK or MRL standard: Instrument related QC 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.

Glossary

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

Job ID: 610-696-1

Laboratory: TestAmerica Watertown

Narrative

Job Narrative
610-696-1

Comments
No additional comments.

Receipt
All samples were received in good condition within temperature requirements.

GC/MS VOA
Method(s) 8260B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 1108 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method(s) 8260B: A full list spike was utilized for this method. Due to the large number of spiked analytes, there is a high probability that one or more analytes will recover outside acceptance limits. The laboratory's SOP allows for 20% of target analytes to recover outside criteria for this method when a full list spike is utilized. The LCS associated with batch 1108,1127 had 1-5 analyte(s) outside control limits; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

No other analytical or quality issues were noted.

GC/MS Semi VOA
Method(s) 8270C: The following sample was diluted due to the abundance of target and non-target analytes: MW-107 (610-696-3). Elevated reporting limits (RLs) are provided.

Method(s) 8270C: Due to the level of dilution required for the following sample (610-696-3DL), surrogate recoveries are not reported: MW-107 (610-696-3).

Method(s) 8270C: 610-696-3 has Nitrobenzene-d5 at 161% (39%-110%). All other surrogate recoveries were within limits. No further action was required.MW-107 (610-696-3)

Method(s) 8270C: The %RPD of the laboratory control sample (LCS) and laboratory control standard duplicate (LCSD) for preparation batch 136837 exceeded control limits for Benzoic Acid at 25% (20%). The % recoveries were in control. No further action was required.MW-101 (610-696-1), MW-107 (610-696-3), P-103 (610-696-2), P-103 Dup (610-696-7)

No other analytical or quality issues were noted.

GC Semi VOA
No analytical or quality issues were noted.

Metals
Method(s) 6020: The ICSA for batch 137399 exceeded the acceptance limits for element: Cd. The sample results were below the RL. The samples, therefore, have been reported.

No other analytical or quality issues were noted.

Field Service / Mobile Lab
No analytical or quality issues were noted.

Organic Prep
No analytical or quality issues were noted.

VOA Prep
No analytical or quality issues were noted.

Detection Summary

Client: Tetra Tech GEO
Project/Site: Beazer - Wabach Alloys 117-2201257.02

TestAmerica Job ID: 610-696-1

Client Sample ID: MW-101 — Lab Sample ID: 610-696-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	370		2.5	0.40	ug/L	1		6020	Dissolved
Chromium	2.9	J	5.0	0.59	ug/L	1		6020	Dissolved

Client Sample ID: P-103 — Lab Sample ID: 610-696-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	0.30	J	0.93	0.28	ug/L	1		8270C	Total/NA
Fluoranthene	0.46	J	0.93	0.30	ug/L	1		8270C	Total/NA
Benzo[a]anthracene	0.30		0.19	0.041	ug/L	1		8270C	Total/NA
Chrysene	0.39	J	0.47	0.13	ug/L	1		8270C	Total/NA
Bis(2-ethylhexyl) phthalate	4.0	J	9.3	2.3	ug/L	1		8270C	Total/NA
Benzo[b]fluoranthene	0.55		0.19	0.054	ug/L	1		8270C	Total/NA
Benzo[k]fluoranthene	0.20		0.19	0.069	ug/L	1		8270C	Total/NA
Benzo[a]pyrene	0.42		0.19	0.052	ug/L	1		8270C	Total/NA
Indeno[1,2,3-cd]pyrene	0.21		0.19	0.079	ug/L	1		8270C	Total/NA
Dibenz(a,h)anthracene	0.14	J	0.28	0.060	ug/L	1		8270C	Total/NA

Client Sample ID: MW-107 — Lab Sample ID: 610-696-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	2200		200	20	ug/L	100		8260B	Total/NA
Ethylbenzene	580		200	50	ug/L	100		8260B	Total/NA
Isopropylbenzene	27	J	200	20	ug/L	100		8260B	Total/NA
p-Isopropyltoluene	94	J	200	20	ug/L	100		8260B	Total/NA
Toluene	540		200	50	ug/L	100		8260B	Total/NA
1,2,4-Trimethylbenzene	310		200	20	ug/L	100		8260B	Total/NA
1,3,5-Trimethylbenzene	140	J	200	20	ug/L	100		8260B	Total/NA
Xylenes, Total	2400		600	50	ug/L	100		8260B	Total/NA
Naphthalene - DL	17000		1000	50	ug/L	200		8260B	Total/NA
Acenaphthene	240		9.3	3.4	ug/L	10		8270C	Total/NA
Acenaphthylene	14		9.3	3.0	ug/L	10		8270C	Total/NA
Anthracene	17		9.3	3.0	ug/L	10		8270C	Total/NA
Fluoranthene	19		9.3	3.0	ug/L	10		8270C	Total/NA
Fluorene	120		9.3	3.6	ug/L	10		8270C	Total/NA
Phenanthrene	110		9.3	3.3	ug/L	10		8270C	Total/NA
Pyrene	11		9.3	4.5	ug/L	10		8270C	Total/NA
Naphthalene - DL	14000		470	140	ug/L	500		8270C	Total/NA
2-Methylnaphthalene - DL	1300		230	61	ug/L	500		8270C	Total/NA
1-Methylnaphthalene - DL	700		470	470	ug/L	500		8270C	Total/NA
Arsenic	2.3		1.0	0.14	ug/L	1		6020	Dissolved
Barium	580		2.5	0.40	ug/L	1		6020	Dissolved
Chromium	1.3	J	5.0	0.59	ug/L	1		6020	Dissolved

Client Sample ID: P-103 — Lab Sample ID: 610-696-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	26		2.5	0.40	ug/L	1		6020	Dissolved

Client Sample ID: TB-2 — Lab Sample ID: 610-696-5

No Detections

Detection Summary

Client: Tetra Tech GEO
Project/Site: Beazer - Wabach Alloys 117-2201257.02

TestAmerica Job ID: 610-696-1

Client Sample ID: P-103 Dup — Lab Sample ID: 610-696-6

No Detections

Client Sample ID: P-103 Dup — Lab Sample ID: 610-696-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	7.6		0.93	0.28	ug/L	1		8270C	Total/NA
2-Methylnaphthalene	0.42	J	0.47	0.12	ug/L	1		8270C	Total/NA
Benzo[a]anthracene	0.11	J	0.19	0.041	ug/L	1		8270C	Total/NA
Chrysene	0.13	J	0.47	0.13	ug/L	1		8270C	Total/NA
Benzo[b]fluoranthene	0.17	J	0.19	0.054	ug/L	1		8270C	Total/NA
Benzo[a]pyrene	0.14	J	0.19	0.052	ug/L	1		8270C	Total/NA
3 & 4 Methylphenol	0.74	J	1.9	0.41	ug/L	1		8270C	Total/NA

Client: Tetra Tech GEO
Project/Site: Beazer - Wabach Alloys 117-2201257.02

TestAmerica Job ID: 610-696-1

Client Sample ID: MW-101
Date Collected: 12/22/11 09:25
Date Received: 12/23/11 13:04

Lab Sample ID: 610-696-1
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.20		2.0	0.20	ug/L			12/27/11 23:47	1
Bromobenzene	<0.20		2.0	0.20	ug/L			12/27/11 23:47	1
Bromochloromethane	<0.50		2.0	0.50	ug/L			12/27/11 23:47	1
Bromodichloromethane	<0.20		2.0	0.20	ug/L			12/27/11 23:47	1
Bromoform	<0.20		5.0	0.20	ug/L			12/27/11 23:47	1
Bromomethane	<0.50		5.0	0.50	ug/L			12/27/11 23:47	1
n-Butylbenzene	<0.20		2.0	0.20	ug/L			12/27/11 23:47	1
sec-Butylbenzene	<0.25		2.0	0.25	ug/L			12/27/11 23:47	1
tert-Butylbenzene	<0.20		2.0	0.20	ug/L			12/27/11 23:47	1
Carbon tetrachloride	<0.80		2.0	0.80	ug/L			12/27/11 23:47	1
Chlorobenzene	<0.20		2.0	0.20	ug/L			12/27/11 23:47	1
Chlorodibromomethane	<0.20		2.0	0.20	ug/L			12/27/11 23:47	1
Chloroethane	<1.0		5.0	1.0	ug/L			12/27/11 23:47	1
Chloroform	<0.20		2.0	0.20	ug/L			12/27/11 23:47	1
Chloromethane	<0.30		2.0	0.30	ug/L			12/27/11 23:47	1
2-Chlorotoluene	<0.50		2.0	0.50	ug/L			12/27/11 23:47	1
4-Chlorotoluene	<0.20		2.0	0.20	ug/L			12/27/11 23:47	1
1,2-Dibromo-3-Chloropropane	<0.50		2.0	0.50	ug/L			12/27/11 23:47	1
1,2-Dibromoethane (EDB)	<0.20		2.0	0.20	ug/L			12/27/11 23:47	1
Dibromomethane	<0.20		2.0	0.20	ug/L			12/27/11 23:47	1
1,2-Dichlorobenzene	<0.20		2.0	0.20	ug/L			12/27/11 23:47	1
1,3-Dichlorobenzene	<0.20		2.0	0.20	ug/L			12/27/11 23:47	1
1,4-Dichlorobenzene	<0.50		2.0	0.50	ug/L			12/27/11 23:47	1
Dichlorodifluoromethane	<0.50		2.0	0.50	ug/L			12/27/11 23:47	1
1,1-Dichloroethane	<0.50		2.0	0.50	ug/L			12/27/11 23:47	1
1,2-Dichloroethane	<0.50		2.0	0.50	ug/L			12/27/11 23:47	1
1,1-Dichloroethene	<0.50		2.0	0.50	ug/L			12/27/11 23:47	1
cis-1,2-Dichloroethene	<0.50		2.0	0.50	ug/L			12/27/11 23:47	1
trans-1,2-Dichloroethene	<0.50		2.0	0.50	ug/L			12/27/11 23:47	1
1,2-Dichloropropane	<0.50		2.0	0.50	ug/L			12/27/11 23:47	1
1,3-Dichloropropane	<0.25		2.0	0.25	ug/L			12/27/11 23:47	1
2,2-Dichloropropane	<0.50		2.0	0.50	ug/L			12/27/11 23:47	1
1,1-Dichloropropene	<0.50		2.0	0.50	ug/L			12/27/11 23:47	1
cis-1,3-Dichloropropene	<0.20		2.0	0.20	ug/L			12/27/11 23:47	1
trans-1,3-Dichloropropene	<0.20		2.0	0.20	ug/L			12/27/11 23:47	1
Isopropyl ether	<0.50		2.0	0.50	ug/L			12/27/11 23:47	1
Ethylbenzene	<0.50		2.0	0.50	ug/L			12/27/11 23:47	1
Hexachlorobutadiene	<0.50		2.0	0.50	ug/L			12/27/11 23:47	1
Isopropylbenzene	<0.20		2.0	0.20	ug/L			12/27/11 23:47	1
p-Isopropyltoluene	<0.20		2.0	0.20	ug/L			12/27/11 23:47	1
Methylene Chloride	<1.0		2.0	1.0	ug/L			12/27/11 23:47	1
Methyl tert-butyl ether	<0.50		2.0	0.50	ug/L			12/27/11 23:47	1
Naphthalene	<0.25		5.0	0.25	ug/L			12/27/11 23:47	1
N-Propylbenzene	<0.50		2.0	0.50	ug/L			12/27/11 23:47	1
Styrene	<0.50		5.0	0.50	ug/L			12/27/11 23:47	1
1,1,1,2-Tetrachloroethane	<0.25		2.0	0.25	ug/L			12/27/11 23:47	1
1,1,2,2-Tetrachloroethane	<0.20		2.0	0.20	ug/L			12/27/11 23:47	1
Tetrachloroethene	<0.50		2.0	0.50	ug/L			12/27/11 23:47	1
Toluene	<0.50		2.0	0.50	ug/L			12/27/11 23:47	1
1,2,3-Trichlorobenzene	<0.25	*	2.0	0.25	ug/L			12/27/11 23:47	1

Client Sample ID: MW-101
Date Collected: 12/22/11 09:25
Date Received: 12/23/11 13:04

Lab Sample ID: 610-696-1
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.25		2.0	0.25	ug/L			12/27/11 23:47	1
1,1,1-Trichloroethane	<0.50		2.0	0.50	ug/L			12/27/11 23:47	1
1,1,2-Trichloroethane	<0.25		2.0	0.25	ug/L			12/27/11 23:47	1
Trichloroethene	<0.20		2.0	0.20	ug/L			12/27/11 23:47	1
Trichlorofluoromethane	<0.50		2.0	0.50	ug/L			12/27/11 23:47	1
1,2,3-Trichloropropane	<0.50		2.0	0.50	ug/L			12/27/11 23:47	1
1,2,4-Trimethylbenzene	<0.20		2.0	0.20	ug/L			12/27/11 23:47	1
1,3,5-Trimethylbenzene	<0.20		2.0	0.20	ug/L			12/27/11 23:47	1
Vinyl chloride	<0.20		2.0	0.20	ug/L			12/27/11 23:47	1
Xylenes, Total	<0.50		6.0	0.50	ug/L			12/27/11 23:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*		*12/27/11 23:47*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*12/27/11 23:47*	*1*
Dibromofluoromethane (Surr)	*96*		*80 - 120*		*12/27/11 23:47*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.34		0.93	0.34	ug/L		12/27/11 08:20	12/28/11 20:14	1
Acenaphthylene	<0.30		0.93	0.30	ug/L		12/27/11 08:20	12/28/11 20:14	1
Anthracene	<0.30		0.93	0.30	ug/L		12/27/11 08:20	12/28/11 20:14	1
Benzo[a]anthracene	<0.041		0.19	0.041	ug/L		12/27/11 08:20	12/28/11 20:14	1
Benzo[a]pyrene	<0.052		0.19	0.052	ug/L		12/27/11 08:20	12/28/11 20:14	1
Benzo[b]fluoranthene	<0.054		0.19	0.054	ug/L		12/27/11 08:20	12/28/11 20:14	1
Benzo[g,h,i]perylene	<0.39		0.93	0.39	ug/L		12/27/11 08:20	12/28/11 20:14	1
Benzo[k]fluoranthene	<0.069		0.19	0.069	ug/L		12/27/11 08:20	12/28/11 20:14	1
Chrysene	<0.13		0.47	0.13	ug/L		12/27/11 08:20	12/28/11 20:14	1
Dibenz(a,h)anthracene	<0.060		0.28	0.060	ug/L		12/27/11 08:20	12/28/11 20:14	1
Fluoranthene	<0.30		0.93	0.30	ug/L		12/27/11 08:20	12/28/11 20:14	1
Fluorene	<0.36		0.93	0.36	ug/L		12/27/11 08:20	12/28/11 20:14	1
Indeno[1,2,3-cd]pyrene	<0.079		0.19	0.079	ug/L		12/27/11 08:20	12/28/11 20:14	1
Naphthalene	<0.28		0.93	0.28	ug/L		12/27/11 08:20	12/28/11 20:14	1
Phenanthrene	<0.33		0.93	0.33	ug/L		12/27/11 08:20	12/28/11 20:14	1
Pyrene	<0.45		0.93	0.45	ug/L		12/27/11 08:20	12/28/11 20:14	1
2-Methylnaphthalene	<0.12		0.47	0.12	ug/L		12/27/11 08:20	12/28/11 20:14	1
1-Methylnaphthalene	<0.93		0.93	0.93	ug/L		12/27/11 08:20	12/28/11 20:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*74*		*44 - 110*	*12/27/11 08:20*	*12/28/11 20:14*	*1*
Nitrobenzene-d5	*63*		*39 - 110*	*12/27/11 08:20*	*12/28/11 20:14*	*1*
Terphenyl-d14	*87*		*52 - 131*	*12/27/11 08:20*	*12/28/11 20:14*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.047		0.47	0.047	ug/L		12/27/11 11:49	12/28/11 13:38	1
PCB-1221	<0.16		0.47	0.16	ug/L		12/27/11 11:49	12/28/11 13:38	1
PCB-1232	<0.15		0.47	0.15	ug/L		12/27/11 11:49	12/28/11 13:38	1
PCB-1242	<0.12		0.47	0.12	ug/L		12/27/11 11:49	12/28/11 13:38	1
PCB-1248	<0.14		0.47	0.14	ug/L		12/27/11 11:49	12/28/11 13:38	1
PCB-1254	<0.093		0.47	0.093	ug/L		12/27/11 11:49	12/28/11 13:38	1
PCB-1260	<0.072		0.47	0.072	ug/L		12/27/11 11:49	12/28/11 13:38	1

Client: Tetra Tech GEO
Project/Site: Beazer - Wabach Alloys 117-2201257.02

TestAmerica Job ID: 610-696-1

Client Sample ID: MW-101

Date Collected: 12/22/11 09:25
Date Received: 12/23/11 13:04

Lab Sample ID: 610-696-1
Matrix: Ground Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	*108*		*43 - 111*	*12/27/11 11:49*	*12/28/11 13:38*	*1*
DCB Decachlorobiphenyl	*84*		*24 - 131*	*12/27/11 11:49*	*12/28/11 13:38*	*1*

Method: 6020 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.14		1.0	0.14	ug/L		12/28/11 08:30	01/04/12 19:31	1
Barium	**370**		2.5	0.40	ug/L		12/28/11 08:30	01/04/12 19:31	1
Cadmium	<0.12	^	0.50	0.12	ug/L		12/28/11 08:30	01/04/12 19:31	1
Chromium	**2.9**	**J**	5.0	0.59	ug/L		12/28/11 08:30	01/04/12 19:31	1
Lead	<0.13		0.50	0.13	ug/L		12/28/11 08:30	01/04/12 19:31	1
Selenium	<0.37		2.5	0.37	ug/L		12/28/11 08:30	01/04/12 19:31	1
Silver	<0.11		0.50	0.11	ug/L		12/28/11 08:30	01/04/12 19:31	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.070		0.20	0.070	ug/L		12/27/11 12:50	12/28/11 12:10	1

Client Sample ID: P-103

Date Collected: 12/22/11 10:20
Date Received: 12/23/11 13:04

Lab Sample ID: 610-696-2
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	<0.34		4.7	0.34	ug/L		12/27/11 08:20	12/28/11 20:37	1
Bis(2-chloroethyl)ether	<0.33		1.9	0.33	ug/L		12/27/11 08:20	12/28/11 20:37	1
1,3-Dichlorobenzene	<0.23		1.9	0.23	ug/L		12/27/11 08:20	12/28/11 20:37	1
1,4-Dichlorobenzene	<0.25		1.9	0.25	ug/L		12/27/11 08:20	12/28/11 20:37	1
1,2-Dichlorobenzene	<0.27		1.9	0.27	ug/L		12/27/11 08:20	12/28/11 20:37	1
Benzyl alcohol	<2.9		19	2.9	ug/L		12/27/11 08:20	12/28/11 20:37	1
2-Methylphenol	<0.29		1.9	0.29	ug/L		12/27/11 08:20	12/28/11 20:37	1
2,2'-oxybis[1-chloropropane]	<0.28		1.9	0.28	ug/L		12/27/11 08:20	12/28/11 20:37	1
N-Nitrosodi-n-propylamine	<0.13		0.47	0.13	ug/L		12/27/11 08:20	12/28/11 20:37	1
Hexachloroethane	<0.91		4.7	0.91	ug/L		12/27/11 08:20	12/28/11 20:37	1
2-Chlorophenol	<0.75		4.7	0.75	ug/L		12/27/11 08:20	12/28/11 20:37	1
Nitrobenzene	<0.42		0.93	0.42	ug/L		12/27/11 08:20	12/28/11 20:37	1
Bis(2-chloroethoxy)methane	<0.28		1.9	0.28	ug/L		12/27/11 08:20	12/28/11 20:37	1
1,2,4-Trichlorobenzene	<0.28		1.9	0.28	ug/L		12/27/11 08:20	12/28/11 20:37	1
Benzoic acid	<4.3	*	19	4.3	ug/L		12/27/11 08:20	12/28/11 20:37	1
Isophorone	<0.27		1.9	0.27	ug/L		12/27/11 08:20	12/28/11 20:37	1
2,4-Dimethylphenol	<3.1		9.3	3.1	ug/L		12/27/11 08:20	12/28/11 20:37	1
Hexachlorobutadiene	<1.0		4.7	1.0	ug/L		12/27/11 08:20	12/28/11 20:37	1
Naphthalene	**0.30**	**J**	0.93	0.28	ug/L		12/27/11 08:20	12/28/11 20:37	1
2,4-Dichlorophenol	<2.1		9.3	2.1	ug/L		12/27/11 08:20	12/28/11 20:37	1
4-Chloroaniline	<2.0		9.3	2.0	ug/L		12/27/11 08:20	12/28/11 20:37	1
2,4,6-Trichlorophenol	<1.0		4.7	1.0	ug/L		12/27/11 08:20	12/28/11 20:37	1
2,4,5-Trichlorophenol	<2.1		9.3	2.1	ug/L		12/27/11 08:20	12/28/11 20:37	1
Hexachlorocyclopentadiene	<3.2		19	3.2	ug/L		12/27/11 08:20	12/28/11 20:37	1
2-Methylnaphthalene	<0.12		0.47	0.12	ug/L		12/27/11 08:20	12/28/11 20:37	1
2-Nitroaniline	<1.0		4.7	1.0	ug/L		12/27/11 08:20	12/28/11 20:37	1
2-Chloronaphthalene	<0.32		1.9	0.32	ug/L		12/27/11 08:20	12/28/11 20:37	1

Client: Tetra Tech GEO
Project/Site: Beazer - Wabach Alloys 117-2201257.02

TestAmerica Job ID: 610-696-1

Client Sample ID: P-103
Date Collected: 12/22/11 10:20
Date Received: 12/23/11 13:04

Lab Sample ID: 610-696-2
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chloro-3-methylphenol	<2.1		9.3	2.1	ug/L		12/27/11 08:20	12/28/11 20:37	1
2,6-Dinitrotoluene	<0.11		0.47	0.11	ug/L		12/27/11 08:20	12/28/11 20:37	1
2-Nitrophenol	<2.0		9.3	2.0	ug/L		12/27/11 08:20	12/28/11 20:37	1
3-Nitroaniline	<2.1		9.3	2.1	ug/L		12/27/11 08:20	12/28/11 20:37	1
Dimethyl phthalate	<0.36		1.9	0.36	ug/L		12/27/11 08:20	12/28/11 20:37	1
2,4-Dinitrophenol	<6.9		19	6.9	ug/L		12/27/11 08:20	12/28/11 20:37	1
Acenaphthylene	<0.30		0.93	0.30	ug/L		12/27/11 08:20	12/28/11 20:37	1
2,4-Dinitrotoluene	<0.28		0.93	0.28	ug/L		12/27/11 08:20	12/28/11 20:37	1
Acenaphthene	<0.34		0.93	0.34	ug/L		12/27/11 08:20	12/28/11 20:37	1
Dibenzofuran	<0.33		1.9	0.33	ug/L		12/27/11 08:20	12/28/11 20:37	1
4-Nitrophenol	<2.2		19	2.2	ug/L		12/27/11 08:20	12/28/11 20:37	1
Fluorene	<0.36		0.93	0.36	ug/L		12/27/11 08:20	12/28/11 20:37	1
4-Nitroaniline	<3.7		9.3	3.7	ug/L		12/27/11 08:20	12/28/11 20:37	1
4-Bromophenyl phenyl ether	<0.85		4.7	0.85	ug/L		12/27/11 08:20	12/28/11 20:37	1
Hexachlorobenzene	<0.13		0.47	0.13	ug/L		12/27/11 08:20	12/28/11 20:37	1
Diethyl phthalate	<0.41		1.9	0.41	ug/L		12/27/11 08:20	12/28/11 20:37	1
4-Chlorophenyl phenyl ether	<0.76		4.7	0.76	ug/L		12/27/11 08:20	12/28/11 20:37	1
Pentachlorophenol	<5.2		19	5.2	ug/L		12/27/11 08:20	12/28/11 20:37	1
N-Nitrosodiphenylamine	<0.32		0.93	0.32	ug/L		12/27/11 08:20	12/28/11 20:37	1
4,6-Dinitro-2-methylphenol	<4.6		19	4.6	ug/L		12/27/11 08:20	12/28/11 20:37	1
Phenanthrene	<0.33		0.93	0.33	ug/L		12/27/11 08:20	12/28/11 20:37	1
Anthracene	<0.30		0.93	0.30	ug/L		12/27/11 08:20	12/28/11 20:37	1
Carbazole	<0.93		4.7	0.93	ug/L		12/27/11 08:20	12/28/11 20:37	1
Di-n-butyl phthalate	<0.75		4.7	0.75	ug/L		12/27/11 08:20	12/28/11 20:37	1
Fluoranthene	**0.46**	**J**	0.93	0.30	ug/L		12/27/11 08:20	12/28/11 20:37	1
Pyrene	<0.45		0.93	0.45	ug/L		12/27/11 08:20	12/28/11 20:37	1
Butyl benzyl phthalate	<0.25		1.9	0.25	ug/L		12/27/11 08:20	12/28/11 20:37	1
Benzo[a]anthracene	**0.30**		0.19	0.041	ug/L		12/27/11 08:20	12/28/11 20:37	1
Chrysene	**0.39**	**J**	0.47	0.13	ug/L		12/27/11 08:20	12/28/11 20:37	1
3,3'-Dichlorobenzidine	<0.88		4.7	0.88	ug/L		12/27/11 08:20	12/28/11 20:37	1
Bis(2-ethylhexyl) phthalate	**4.0**	**J**	9.3	2.3	ug/L		12/27/11 08:20	12/28/11 20:37	1
Di-n-octyl phthalate	<2.3		9.3	2.3	ug/L		12/27/11 08:20	12/28/11 20:37	1
Benzo[b]fluoranthene	**0.55**		0.19	0.054	ug/L		12/27/11 08:20	12/28/11 20:37	1
Benzo[k]fluoranthene	**0.20**		0.19	0.069	ug/L		12/27/11 08:20	12/28/11 20:37	1
Benzo[a]pyrene	**0.42**		0.19	0.052	ug/L		12/27/11 08:20	12/28/11 20:37	1
Indeno[1,2,3-cd]pyrene	**0.21**		0.19	0.079	ug/L		12/27/11 08:20	12/28/11 20:37	1
Dibenz(a,h)anthracene	**0.14**	**J**	0.28	0.060	ug/L		12/27/11 08:20	12/28/11 20:37	1
Benzo[g,h,i]perylene	<0.39		0.93	0.39	ug/L		12/27/11 08:20	12/28/11 20:37	1
3 & 4 Methylphenol	<0.41		1.9	0.41	ug/L		12/27/11 08:20	12/28/11 20:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorophenol	*36*		*20 - 100*	*12/27/11 08:20*	*12/28/11 20:37*	*1*
Phenol-d5	*23*		*20 - 100*	*12/27/11 08:20*	*12/28/11 20:37*	*1*
Nitrobenzene-d5	*72*		*39 - 110*	*12/27/11 08:20*	*12/28/11 20:37*	*1*
2-Fluorobiphenyl	*80*		*44 - 110*	*12/27/11 08:20*	*12/28/11 20:37*	*1*
2,4,6-Tribromophenol	*99*		*46 - 126*	*12/27/11 08:20*	*12/28/11 20:37*	*1*
Terphenyl-d14	*91*		*52 - 131*	*12/27/11 08:20*	*12/28/11 20:37*	*1*

Client: Tetra Tech GEO
Project/Site: Beazer - Wabach Alloys 117-2201257.02

TestAmerica Job ID: 610-696-1

Client Sample ID: MW-107
Date Collected: 12/22/11 12:10
Date Received: 12/23/11 13:04

Lab Sample ID: 610-696-3
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**2200**		200	20	ug/L			12/28/11 01:07	100
Bromobenzene	<20		200	20	ug/L			12/28/11 01:07	100
Bromochloromethane	<50		200	50	ug/L			12/28/11 01:07	100
Bromodichloromethane	<20		200	20	ug/L			12/28/11 01:07	100
Bromoform	<20		500	20	ug/L			12/28/11 01:07	100
Bromomethane	<50		500	50	ug/L			12/28/11 01:07	100
n-Butylbenzene	<20		200	20	ug/L			12/28/11 01:07	100
sec-Butylbenzene	<25		200	25	ug/L			12/28/11 01:07	100
tert-Butylbenzene	<20		200	20	ug/L			12/28/11 01:07	100
Carbon tetrachloride	<80		200	80	ug/L			12/28/11 01:07	100
Chlorobenzene	<20		200	20	ug/L			12/28/11 01:07	100
Chlorodibromomethane	<20		200	20	ug/L			12/28/11 01:07	100
Chloroethane	<100		500	100	ug/L			12/28/11 01:07	100
Chloroform	<20		200	20	ug/L			12/28/11 01:07	100
Chloromethane	<30		200	30	ug/L			12/28/11 01:07	100
2-Chlorotoluene	<50		200	50	ug/L			12/28/11 01:07	100
4-Chlorotoluene	<20		200	20	ug/L			12/28/11 01:07	100
1,2-Dibromo-3-Chloropropane	<50		200	50	ug/L			12/28/11 01:07	100
1,2-Dibromoethane (EDB)	<20		200	20	ug/L			12/28/11 01:07	100
Dibromomethane	<20		200	20	ug/L			12/28/11 01:07	100
1,2-Dichlorobenzene	<20		200	20	ug/L			12/28/11 01:07	100
1,3-Dichlorobenzene	<20		200	20	ug/L			12/28/11 01:07	100
1,4-Dichlorobenzene	<50		200	50	ug/L			12/28/11 01:07	100
Dichlorodifluoromethane	<50		200	50	ug/L			12/28/11 01:07	100
1,1-Dichloroethane	<50		200	50	ug/L			12/28/11 01:07	100
1,2-Dichloroethane	<50		200	50	ug/L			12/28/11 01:07	100
1,1-Dichloroethene	<50		200	50	ug/L			12/28/11 01:07	100
cis-1,2-Dichloroethene	<50		200	50	ug/L			12/28/11 01:07	100
trans-1,2-Dichloroethene	<50		200	50	ug/L			12/28/11 01:07	100
1,2-Dichloropropane	<50		200	50	ug/L			12/28/11 01:07	100
1,3-Dichloropropane	<25		200	25	ug/L			12/28/11 01:07	100
2,2-Dichloropropane	<50		200	50	ug/L			12/28/11 01:07	100
1,1-Dichloropropene	<50		200	50	ug/L			12/28/11 01:07	100
cis-1,3-Dichloropropene	<20		200	20	ug/L			12/28/11 01:07	100
trans-1,3-Dichloropropene	<20		200	20	ug/L			12/28/11 01:07	100
Isopropyl ether	<50		200	50	ug/L			12/28/11 01:07	100
Ethylbenzene	**580**		200	50	ug/L			12/28/11 01:07	100
Hexachlorobutadiene	<50		200	50	ug/L			12/28/11 01:07	100
Isopropylbenzene	**27**	**J**	200	20	ug/L			12/28/11 01:07	100
p-Isopropyltoluene	**94**	**J**	200	20	ug/L			12/28/11 01:07	100
Methylene Chloride	<100		200	100	ug/L			12/28/11 01:07	100
Methyl tert-butyl ether	<50		200	50	ug/L			12/28/11 01:07	100
N-Propylbenzene	<50		200	50	ug/L			12/28/11 01:07	100
Styrene	<50		500	50	ug/L			12/28/11 01:07	100
1,1,1,2-Tetrachloroethane	<25		200	25	ug/L			12/28/11 01:07	100
1,1,2,2-Tetrachloroethane	<20		200	20	ug/L			12/28/11 01:07	100
Tetrachloroethene	<50		200	50	ug/L			12/28/11 01:07	100
Toluene	**540**		200	50	ug/L			12/28/11 01:07	100
1,2,3-Trichlorobenzene	<25	*	200	25	ug/L			12/28/11 01:07	100
1,2,4-Trichlorobenzene	<25		200	25	ug/L			12/28/11 01:07	100

Client Sample ID: MW-107
Date Collected: 12/22/11 12:10
Date Received: 12/23/11 13:04

Lab Sample ID: 610-696-3
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<50		200	50	ug/L			12/28/11 01:07	100
1,1,2-Trichloroethane	<25		200	25	ug/L			12/28/11 01:07	100
Trichloroethene	<20		200	20	ug/L			12/28/11 01:07	100
Trichlorofluoromethane	<50		200	50	ug/L			12/28/11 01:07	100
1,2,3-Trichloropropane	<50		200	50	ug/L			12/28/11 01:07	100
1,2,4-Trimethylbenzene	**310**		200	20	ug/L			12/28/11 01:07	100
1,3,5-Trimethylbenzene	**140**	**J**	200	20	ug/L			12/28/11 01:07	100
Vinyl chloride	<20		200	20	ug/L			12/28/11 01:07	100
Xylenes, Total	**2400**		600	50	ug/L			12/28/11 01:07	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*		*12/28/11 01:07*	*100*
Toluene-d8 (Surr)	*102*		*80 - 120*		*12/28/11 01:07*	*100*
Dibromofluoromethane (Surr)	*97*		*80 - 120*		*12/28/11 01:07*	*100*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	**17000**		1000	50	ug/L			12/29/11 00:36	200

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*		*12/29/11 00:36*	*200*
Toluene-d8 (Surr)	*103*		*80 - 120*		*12/29/11 00:36*	*200*
Dibromofluoromethane (Surr)	*98*		*80 - 120*		*12/29/11 00:36*	*200*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**240**		9.3	3.4	ug/L		12/27/11 08:20	12/28/11 21:00	10
Acenaphthylene	**14**		9.3	3.0	ug/L		12/27/11 08:20	12/28/11 21:00	10
Anthracene	**17**		9.3	3.0	ug/L		12/27/11 08:20	12/28/11 21:00	10
Benzo[a]anthracene	<0.41		1.9	0.41	ug/L		12/27/11 08:20	12/28/11 21:00	10
Benzo[a]pyrene	<0.52		1.9	0.52	ug/L		12/27/11 08:20	12/28/11 21:00	10
Benzo[b]fluoranthene	<0.54		1.9	0.54	ug/L		12/27/11 08:20	12/28/11 21:00	10
Benzo[g,h,i]perylene	<3.9		9.3	3.9	ug/L		12/27/11 08:20	12/28/11 21:00	10
Benzo[k]fluoranthene	<0.69		1.9	0.69	ug/L		12/27/11 08:20	12/28/11 21:00	10
Chrysene	<1.3		4.7	1.3	ug/L		12/27/11 08:20	12/28/11 21:00	10
Dibenz(a,h)anthracene	<0.60		2.8	0.60	ug/L		12/27/11 08:20	12/28/11 21:00	10
Fluoranthene	**19**		9.3	3.0	ug/L		12/27/11 08:20	12/28/11 21:00	10
Fluorene	**120**		9.3	3.6	ug/L		12/27/11 08:20	12/28/11 21:00	10
Indeno[1,2,3-cd]pyrene	<0.79		1.9	0.79	ug/L		12/27/11 08:20	12/28/11 21:00	10
Phenanthrene	**110**		9.3	3.3	ug/L		12/27/11 08:20	12/28/11 21:00	10
Pyrene	**11**		9.3	4.5	ug/L		12/27/11 08:20	12/28/11 21:00	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*110*		*44 - 110*	*12/27/11 08:20*	*12/28/11 21:00*	*10*
Nitrobenzene-d5	*161*	*X*	*39 - 110*	*12/27/11 08:20*	*12/28/11 21:00*	*10*
Terphenyl-d14	*100*		*52 - 131*	*12/27/11 08:20*	*12/28/11 21:00*	*10*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	**14000**		470	140	ug/L		12/27/11 08:20	12/29/11 20:10	500
2-Methylnaphthalene	**1300**		230	61	ug/L		12/27/11 08:20	12/29/11 20:10	500
1-Methylnaphthalene	**700**		470	470	ug/L		12/27/11 08:20	12/29/11 20:10	500

Client Sample ID: MW-107

Date Collected: 12/22/11 12:10
Date Received: 12/23/11 13:04

Lab Sample ID: 610-696-3

Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.047		0.47	0.047	ug/L		12/27/11 11:49	12/28/11 13:53	1
PCB-1221	<0.16		0.47	0.16	ug/L		12/27/11 11:49	12/28/11 13:53	1
PCB-1232	<0.15		0.47	0.15	ug/L		12/27/11 11:49	12/28/11 13:53	1
PCB-1242	<0.12		0.47	0.12	ug/L		12/27/11 11:49	12/28/11 13:53	1
PCB-1248	<0.14		0.47	0.14	ug/L		12/27/11 11:49	12/28/11 13:53	1
PCB-1254	<0.093		0.47	0.093	ug/L		12/27/11 11:49	12/28/11 13:53	1
PCB-1260	<0.072		0.47	0.072	ug/L		12/27/11 11:49	12/28/11 13:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*70*		*43 - 111*	*12/27/11 11:49*	*12/28/11 13:53*	*1*
DCB Decachlorobiphenyl	*72*		*24 - 131*	*12/27/11 11:49*	*12/28/11 13:53*	*1*

Method: 6020 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**2.3**		1.0	0.14	ug/L		12/28/11 08:30	01/04/12 19:28	1
Barium	**580**		2.5	0.40	ug/L		12/28/11 08:30	01/04/12 19:28	1
Cadmium	<0.12	^	0.50	0.12	ug/L		12/28/11 08:30	01/04/12 19:28	1
Chromium	**1.3**	**J**	5.0	0.59	ug/L		12/28/11 08:30	01/04/12 19:28	1
Lead	<0.13		0.50	0.13	ug/L		12/28/11 08:30	01/04/12 19:28	1
Selenium	<0.37		2.5	0.37	ug/L		12/28/11 08:30	01/04/12 19:28	1
Silver	<0.11		0.50	0.11	ug/L		12/28/11 08:30	01/04/12 19:28	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.070		0.20	0.070	ug/L		12/27/11 12:50	12/28/11 12:13	1

Client Sample ID: P-103

Date Collected: 12/22/11 13:10
Date Received: 12/23/11 13:04

Lab Sample ID: 610-696-4

Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.20		2.0	0.20	ug/L			12/28/11 00:14	1
Bromobenzene	<0.20		2.0	0.20	ug/L			12/28/11 00:14	1
Bromochloromethane	<0.50		2.0	0.50	ug/L			12/28/11 00:14	1
Bromodichloromethane	<0.20		2.0	0.20	ug/L			12/28/11 00:14	1
Bromoform	<0.20		5.0	0.20	ug/L			12/28/11 00:14	1
Bromomethane	<0.50		5.0	0.50	ug/L			12/28/11 00:14	1
n-Butylbenzene	<0.20		2.0	0.20	ug/L			12/28/11 00:14	1
sec-Butylbenzene	<0.25		2.0	0.25	ug/L			12/28/11 00:14	1
tert-Butylbenzene	<0.20		2.0	0.20	ug/L			12/28/11 00:14	1
Carbon tetrachloride	<0.80		2.0	0.80	ug/L			12/28/11 00:14	1
Chlorobenzene	<0.20		2.0	0.20	ug/L			12/28/11 00:14	1
Chlorodibromomethane	<0.20		2.0	0.20	ug/L			12/28/11 00:14	1
Chloroethane	<1.0		5.0	1.0	ug/L			12/28/11 00:14	1
Chloroform	<0.20		2.0	0.20	ug/L			12/28/11 00:14	1
Chloromethane	<0.30		2.0	0.30	ug/L			12/28/11 00:14	1
2-Chlorotoluene	<0.50		2.0	0.50	ug/L			12/28/11 00:14	1
4-Chlorotoluene	<0.20		2.0	0.20	ug/L			12/28/11 00:14	1
1,2-Dibromo-3-Chloropropane	<0.50		2.0	0.50	ug/L			12/28/11 00:14	1

Client: Tetra Tech GEO
Project/Site: Beazer - Wabach Alloys 117-2201257.02

TestAmerica Job ID: 610-696-1

Client Sample ID: P-103
Date Collected: 12/22/11 13:10
Date Received: 12/23/11 13:04

Lab Sample ID: 610-696-4
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	<0.20		2.0	0.20	ug/L			12/28/11 00:14	1
Dibromomethane	<0.20		2.0	0.20	ug/L			12/28/11 00:14	1
1,2-Dichlorobenzene	<0.20		2.0	0.20	ug/L			12/28/11 00:14	1
1,3-Dichlorobenzene	<0.20		2.0	0.20	ug/L			12/28/11 00:14	1
1,4-Dichlorobenzene	<0.50		2.0	0.50	ug/L			12/28/11 00:14	1
Dichlorodifluoromethane	<0.50		2.0	0.50	ug/L			12/28/11 00:14	1
1,1-Dichloroethane	<0.50		2.0	0.50	ug/L			12/28/11 00:14	1
1,2-Dichloroethane	<0.50		2.0	0.50	ug/L			12/28/11 00:14	1
1,1-Dichloroethene	<0.50		2.0	0.50	ug/L			12/28/11 00:14	1
cis-1,2-Dichloroethene	<0.50		2.0	0.50	ug/L			12/28/11 00:14	1
trans-1,2-Dichloroethene	<0.50		2.0	0.50	ug/L			12/28/11 00:14	1
1,2-Dichloropropane	<0.50		2.0	0.50	ug/L			12/28/11 00:14	1
1,3-Dichloropropane	<0.25		2.0	0.25	ug/L			12/28/11 00:14	1
2,2-Dichloropropane	<0.50		2.0	0.50	ug/L			12/28/11 00:14	1
1,1-Dichloropropene	<0.50		2.0	0.50	ug/L			12/28/11 00:14	1
cis-1,3-Dichloropropene	<0.20		2.0	0.20	ug/L			12/28/11 00:14	1
trans-1,3-Dichloropropene	<0.20		2.0	0.20	ug/L			12/28/11 00:14	1
Isopropyl ether	<0.50		2.0	0.50	ug/L			12/28/11 00:14	1
Ethylbenzene	<0.50		2.0	0.50	ug/L			12/28/11 00:14	1
Hexachlorobutadiene	<0.50		2.0	0.50	ug/L			12/28/11 00:14	1
Isopropylbenzene	<0.20		2.0	0.20	ug/L			12/28/11 00:14	1
p-Isopropyltoluene	<0.20		2.0	0.20	ug/L			12/28/11 00:14	1
Methylene Chloride	<1.0		2.0	1.0	ug/L			12/28/11 00:14	1
Methyl tert-butyl ether	<0.50		2.0	0.50	ug/L			12/28/11 00:14	1
Naphthalene	<0.25		5.0	0.25	ug/L			12/28/11 00:14	1
N-Propylbenzene	<0.50		2.0	0.50	ug/L			12/28/11 00:14	1
Styrene	<0.50		5.0	0.50	ug/L			12/28/11 00:14	1
1,1,1,2-Tetrachloroethane	<0.25		2.0	0.25	ug/L			12/28/11 00:14	1
1,1,2,2-Tetrachloroethane	<0.20		2.0	0.20	ug/L			12/28/11 00:14	1
Tetrachloroethene	<0.50		2.0	0.50	ug/L			12/28/11 00:14	1
Toluene	<0.50		2.0	0.50	ug/L			12/28/11 00:14	1
1,2,3-Trichlorobenzene	<0.25	*	2.0	0.25	ug/L			12/28/11 00:14	1
1,2,4-Trichlorobenzene	<0.25		2.0	0.25	ug/L			12/28/11 00:14	1
1,1,1-Trichloroethane	<0.50		2.0	0.50	ug/L			12/28/11 00:14	1
1,1,2-Trichloroethane	<0.25		2.0	0.25	ug/L			12/28/11 00:14	1
Trichloroethene	<0.20		2.0	0.20	ug/L			12/28/11 00:14	1
Trichlorofluoromethane	<0.50		2.0	0.50	ug/L			12/28/11 00:14	1
1,2,3-Trichloropropane	<0.50		2.0	0.50	ug/L			12/28/11 00:14	1
1,2,4-Trimethylbenzene	<0.20		2.0	0.20	ug/L			12/28/11 00:14	1
1,3,5-Trimethylbenzene	<0.20		2.0	0.20	ug/L			12/28/11 00:14	1
Vinyl chloride	<0.20		2.0	0.20	ug/L			12/28/11 00:14	1
Xylenes, Total	<0.50		6.0	0.50	ug/L			12/28/11 00:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*		*12/28/11 00:14*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*12/28/11 00:14*	*1*
Dibromofluoromethane (Surr)	*97*		*80 - 120*		*12/28/11 00:14*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.047		0.47	0.047	ug/L		12/27/11 11:49	12/28/11 14:07	1

Client Sample ID: P-103

Date Collected: 12/22/11 13:10
Date Received: 12/23/11 13:04

Lab Sample ID: 610-696-4

Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	<0.16		0.47	0.16	ug/L		12/27/11 11:49	12/28/11 14:07	1
PCB-1232	<0.15		0.47	0.15	ug/L		12/27/11 11:49	12/28/11 14:07	1
PCB-1242	<0.12		0.47	0.12	ug/L		12/27/11 11:49	12/28/11 14:07	1
PCB-1248	<0.14		0.47	0.14	ug/L		12/27/11 11:49	12/28/11 14:07	1
PCB-1254	<0.093		0.47	0.093	ug/L		12/27/11 11:49	12/28/11 14:07	1
PCB-1260	<0.072		0.47	0.072	ug/L		12/27/11 11:49	12/28/11 14:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*86*		*43 - 111*	*12/27/11 11:49*	*12/28/11 14:07*	*1*
DCB Decachlorobiphenyl	*33*		*24 - 131*	*12/27/11 11:49*	*12/28/11 14:07*	*1*

Method: 6020 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.14		1.0	0.14	ug/L		12/28/11 08:30	01/04/12 19:39	1
Barium	**26**		2.5	0.40	ug/L		12/28/11 08:30	01/04/12 19:39	1
Cadmium	<0.12	^	0.50	0.12	ug/L		12/28/11 08:30	01/04/12 19:39	1
Chromium	<0.59		5.0	0.59	ug/L		12/28/11 08:30	01/04/12 19:39	1
Lead	<0.13		0.50	0.13	ug/L		12/28/11 08:30	01/04/12 19:39	1
Selenium	<0.37		2.5	0.37	ug/L		12/28/11 08:30	01/04/12 19:39	1
Silver	<0.11		0.50	0.11	ug/L		12/28/11 08:30	01/04/12 19:39	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.070		0.20	0.070	ug/L		12/27/11 12:50	12/28/11 12:26	1

Client Sample ID: TB-2

Date Collected: 12/22/11 00:00
Date Received: 12/23/11 13:04

Lab Sample ID: 610-696-5

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.20		2.0	0.20	ug/L			12/27/11 19:49	1
Bromobenzene	<0.20		2.0	0.20	ug/L			12/27/11 19:49	1
Bromochloromethane	<0.50		2.0	0.50	ug/L			12/27/11 19:49	1
Bromodichloromethane	<0.20		2.0	0.20	ug/L			12/27/11 19:49	1
Bromoform	<0.20		5.0	0.20	ug/L			12/27/11 19:49	1
Bromomethane	<0.50		5.0	0.50	ug/L			12/27/11 19:49	1
n-Butylbenzene	<0.20		2.0	0.20	ug/L			12/27/11 19:49	1
sec-Butylbenzene	<0.25		2.0	0.25	ug/L			12/27/11 19:49	1
tert-Butylbenzene	<0.20		2.0	0.20	ug/L			12/27/11 19:49	1
Carbon tetrachloride	<0.80		2.0	0.80	ug/L			12/27/11 19:49	1
Chlorobenzene	<0.20		2.0	0.20	ug/L			12/27/11 19:49	1
Chlorodibromomethane	<0.20		2.0	0.20	ug/L			12/27/11 19:49	1
Chloroethane	<1.0		5.0	1.0	ug/L			12/27/11 19:49	1
Chloroform	<0.20		2.0	0.20	ug/L			12/27/11 19:49	1
Chloromethane	<0.30		2.0	0.30	ug/L			12/27/11 19:49	1
2-Chlorotoluene	<0.50		2.0	0.50	ug/L			12/27/11 19:49	1
4-Chlorotoluene	<0.20		2.0	0.20	ug/L			12/27/11 19:49	1
1,2-Dibromo-3-Chloropropane	<0.50		2.0	0.50	ug/L			12/27/11 19:49	1
1,2-Dibromoethane (EDB)	<0.20		2.0	0.20	ug/L			12/27/11 19:49	1

Client: Tetra Tech GEO
Project/Site: Beazer - Wabach Alloys 117-2201257.02

TestAmerica Job ID: 610-696-1

Client Sample ID: TB-2
Date Collected: 12/22/11 00:00
Date Received: 12/23/11 13:04

Lab Sample ID: 610-696-5
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromomethane	<0.20		2.0	0.20	ug/L			12/27/11 19:49	1
1,2-Dichlorobenzene	<0.20		2.0	0.20	ug/L			12/27/11 19:49	1
1,3-Dichlorobenzene	<0.20		2.0	0.20	ug/L			12/27/11 19:49	1
1,4-Dichlorobenzene	<0.50		2.0	0.50	ug/L			12/27/11 19:49	1
Dichlorodifluoromethane	<0.50		2.0	0.50	ug/L			12/27/11 19:49	1
1,1-Dichloroethane	<0.50		2.0	0.50	ug/L			12/27/11 19:49	1
1,2-Dichloroethane	<0.50		2.0	0.50	ug/L			12/27/11 19:49	1
1,1-Dichloroethene	<0.50		2.0	0.50	ug/L			12/27/11 19:49	1
cis-1,2-Dichloroethene	<0.50		2.0	0.50	ug/L			12/27/11 19:49	1
trans-1,2-Dichloroethene	<0.50		2.0	0.50	ug/L			12/27/11 19:49	1
1,2-Dichloropropane	<0.50		2.0	0.50	ug/L			12/27/11 19:49	1
1,3-Dichloropropane	<0.25		2.0	0.25	ug/L			12/27/11 19:49	1
2,2-Dichloropropane	<0.50		2.0	0.50	ug/L			12/27/11 19:49	1
1,1-Dichloropropene	<0.50		2.0	0.50	ug/L			12/27/11 19:49	1
cis-1,3-Dichloropropene	<0.20		2.0	0.20	ug/L			12/27/11 19:49	1
trans-1,3-Dichloropropene	<0.20		2.0	0.20	ug/L			12/27/11 19:49	1
Isopropyl ether	<0.50		2.0	0.50	ug/L			12/27/11 19:49	1
Ethylbenzene	<0.50		2.0	0.50	ug/L			12/27/11 19:49	1
Hexachlorobutadiene	<0.50		2.0	0.50	ug/L			12/27/11 19:49	1
Isopropylbenzene	<0.20		2.0	0.20	ug/L			12/27/11 19:49	1
p-Isopropyltoluene	<0.20		2.0	0.20	ug/L			12/27/11 19:49	1
Methylene Chloride	<1.0		2.0	1.0	ug/L			12/27/11 19:49	1
Methyl tert-butyl ether	<0.50		2.0	0.50	ug/L			12/27/11 19:49	1
Naphthalene	<0.25		5.0	0.25	ug/L			12/27/11 19:49	1
N-Propylbenzene	<0.50		2.0	0.50	ug/L			12/27/11 19:49	1
Styrene	<0.50		5.0	0.50	ug/L			12/27/11 19:49	1
1,1,1,2-Tetrachloroethane	<0.25		2.0	0.25	ug/L			12/27/11 19:49	1
1,1,2,2-Tetrachloroethane	<0.20		2.0	0.20	ug/L			12/27/11 19:49	1
Tetrachloroethene	<0.50		2.0	0.50	ug/L			12/27/11 19:49	1
Toluene	<0.50		2.0	0.50	ug/L			12/27/11 19:49	1
1,2,3-Trichlorobenzene	<0.25	*	2.0	0.25	ug/L			12/27/11 19:49	1
1,2,4-Trichlorobenzene	<0.25		2.0	0.25	ug/L			12/27/11 19:49	1
1,1,1-Trichloroethane	<0.50		2.0	0.50	ug/L			12/27/11 19:49	1
1,1,2-Trichloroethane	<0.25		2.0	0.25	ug/L			12/27/11 19:49	1
Trichloroethene	<0.20		2.0	0.20	ug/L			12/27/11 19:49	1
Trichlorofluoromethane	<0.50		2.0	0.50	ug/L			12/27/11 19:49	1
1,2,3-Trichloropropane	<0.50		2.0	0.50	ug/L			12/27/11 19:49	1
1,2,4-Trimethylbenzene	<0.20		2.0	0.20	ug/L			12/27/11 19:49	1
1,3,5-Trimethylbenzene	<0.20		2.0	0.20	ug/L			12/27/11 19:49	1
Vinyl chloride	<0.20		2.0	0.20	ug/L			12/27/11 19:49	1
Xylenes, Total	<0.50		6.0	0.50	ug/L			12/27/11 19:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*		*12/27/11 19:49*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*12/27/11 19:49*	*1*
Dibromofluoromethane (Surr)	*97*		*80 - 120*		*12/27/11 19:49*	*1*

Client: Tetra Tech GEO
Project/Site: Beazer - Wabach Alloys 117-2201257.02

TestAmerica Job ID: 610-696-1

Client Sample ID: P-103 Dup
Date Collected: 12/22/11 13:20
Date Received: 12/23/11 13:04

Lab Sample ID: 610-696-6
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.20		2.0	0.20	ug/L			12/28/11 00:41	1
Bromobenzene	<0.20		2.0	0.20	ug/L			12/28/11 00:41	1
Bromochloromethane	<0.50		2.0	0.50	ug/L			12/28/11 00:41	1
Bromodichloromethane	<0.20		2.0	0.20	ug/L			12/28/11 00:41	1
Bromoform	<0.20		5.0	0.20	ug/L			12/28/11 00:41	1
Bromomethane	<0.50		5.0	0.50	ug/L			12/28/11 00:41	1
n-Butylbenzene	<0.20		2.0	0.20	ug/L			12/28/11 00:41	1
sec-Butylbenzene	<0.25		2.0	0.25	ug/L			12/28/11 00:41	1
tert-Butylbenzene	<0.20		2.0	0.20	ug/L			12/28/11 00:41	1
Carbon tetrachloride	<0.80		2.0	0.80	ug/L			12/28/11 00:41	1
Chlorobenzene	<0.20		2.0	0.20	ug/L			12/28/11 00:41	1
Chlorodibromomethane	<0.20		2.0	0.20	ug/L			12/28/11 00:41	1
Chloroethane	<1.0		5.0	1.0	ug/L			12/28/11 00:41	1
Chloroform	<0.20		2.0	0.20	ug/L			12/28/11 00:41	1
Chloromethane	<0.30		2.0	0.30	ug/L			12/28/11 00:41	1
2-Chlorotoluene	<0.50		2.0	0.50	ug/L			12/28/11 00:41	1
4-Chlorotoluene	<0.20		2.0	0.20	ug/L			12/28/11 00:41	1
1,2-Dibromo-3-Chloropropane	<0.50		2.0	0.50	ug/L			12/28/11 00:41	1
1,2-Dibromoethane (EDB)	<0.20		2.0	0.20	ug/L			12/28/11 00:41	1
Dibromomethane	<0.20		2.0	0.20	ug/L			12/28/11 00:41	1
1,2-Dichlorobenzene	<0.20		2.0	0.20	ug/L			12/28/11 00:41	1
1,3-Dichlorobenzene	<0.20		2.0	0.20	ug/L			12/28/11 00:41	1
1,4-Dichlorobenzene	<0.50		2.0	0.50	ug/L			12/28/11 00:41	1
Dichlorodifluoromethane	<0.50		2.0	0.50	ug/L			12/28/11 00:41	1
1,1-Dichloroethane	<0.50		2.0	0.50	ug/L			12/28/11 00:41	1
1,2-Dichloroethane	<0.50		2.0	0.50	ug/L			12/28/11 00:41	1
1,1-Dichloroethene	<0.50		2.0	0.50	ug/L			12/28/11 00:41	1
cis-1,2-Dichloroethene	<0.50		2.0	0.50	ug/L			12/28/11 00:41	1
trans-1,2-Dichloroethene	<0.50		2.0	0.50	ug/L			12/28/11 00:41	1
1,2-Dichloropropane	<0.50		2.0	0.50	ug/L			12/28/11 00:41	1
1,3-Dichloropropane	<0.25		2.0	0.25	ug/L			12/28/11 00:41	1
2,2-Dichloropropane	<0.50		2.0	0.50	ug/L			12/28/11 00:41	1
1,1-Dichloropropene	<0.50		2.0	0.50	ug/L			12/28/11 00:41	1
cis-1,3-Dichloropropene	<0.20		2.0	0.20	ug/L			12/28/11 00:41	1
trans-1,3-Dichloropropene	<0.20		2.0	0.20	ug/L			12/28/11 00:41	1
Isopropyl ether	<0.50		2.0	0.50	ug/L			12/28/11 00:41	1
Ethylbenzene	<0.50		2.0	0.50	ug/L			12/28/11 00:41	1
Hexachlorobutadiene	<0.50		2.0	0.50	ug/L			12/28/11 00:41	1
Isopropylbenzene	<0.20		2.0	0.20	ug/L			12/28/11 00:41	1
p-Isopropyltoluene	<0.20		2.0	0.20	ug/L			12/28/11 00:41	1
Methylene Chloride	<1.0		2.0	1.0	ug/L			12/28/11 00:41	1
Methyl tert-butyl ether	<0.50		2.0	0.50	ug/L			12/28/11 00:41	1
Naphthalene	<0.25		5.0	0.25	ug/L			12/28/11 00:41	1
N-Propylbenzene	<0.50		2.0	0.50	ug/L			12/28/11 00:41	1
Styrene	<0.50		5.0	0.50	ug/L			12/28/11 00:41	1
1,1,1,2-Tetrachloroethane	<0.25		2.0	0.25	ug/L			12/28/11 00:41	1
1,1,2,2-Tetrachloroethane	<0.20		2.0	0.20	ug/L			12/28/11 00:41	1
Tetrachloroethene	<0.50		2.0	0.50	ug/L			12/28/11 00:41	1
Toluene	<0.50		2.0	0.50	ug/L			12/28/11 00:41	1
1,2,3-Trichlorobenzene	<0.25	*	2.0	0.25	ug/L			12/28/11 00:41	1

Client Sample ID: P-103 Dup
Date Collected: 12/22/11 13:20
Date Received: 12/23/11 13:04

Lab Sample ID: 610-696-6
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.25		2.0	0.25	ug/L			12/28/11 00:41	1
1,1,1-Trichloroethane	<0.50		2.0	0.50	ug/L			12/28/11 00:41	1
1,1,2-Trichloroethane	<0.25		2.0	0.25	ug/L			12/28/11 00:41	1
Trichloroethene	<0.20		2.0	0.20	ug/L			12/28/11 00:41	1
Trichlorofluoromethane	<0.50		2.0	0.50	ug/L			12/28/11 00:41	1
1,2,3-Trichloropropane	<0.50		2.0	0.50	ug/L			12/28/11 00:41	1
1,2,4-Trimethylbenzene	<0.20		2.0	0.20	ug/L			12/28/11 00:41	1
1,3,5-Trimethylbenzene	<0.20		2.0	0.20	ug/L			12/28/11 00:41	1
Vinyl chloride	<0.20		2.0	0.20	ug/L			12/28/11 00:41	1
Xylenes, Total	<0.50		6.0	0.50	ug/L			12/28/11 00:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*80 - 120*		*12/28/11 00:41*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*12/28/11 00:41*	*1*
Dibromofluoromethane (Surr)	*98*		*80 - 120*		*12/28/11 00:41*	*1*

Client Sample ID: P-103 Dup
Date Collected: 12/22/11 10:25
Date Received: 12/23/11 13:04

Lab Sample ID: 610-696-7
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	<0.34		4.7	0.34	ug/L		12/27/11 08:20	12/28/11 21:23	1
Bis(2-chloroethyl)ether	<0.33		1.9	0.33	ug/L		12/27/11 08:20	12/28/11 21:23	1
1,3-Dichlorobenzene	<0.23		1.9	0.23	ug/L		12/27/11 08:20	12/28/11 21:23	1
1,4-Dichlorobenzene	<0.25		1.9	0.25	ug/L		12/27/11 08:20	12/28/11 21:23	1
1,2-Dichlorobenzene	<0.27		1.9	0.27	ug/L		12/27/11 08:20	12/28/11 21:23	1
Benzyl alcohol	<2.9		19	2.9	ug/L		12/27/11 08:20	12/28/11 21:23	1
2-Methylphenol	<0.29		1.9	0.29	ug/L		12/27/11 08:20	12/28/11 21:23	1
2,2'-oxybis[1-chloropropane]	<0.28		1.9	0.28	ug/L		12/27/11 08:20	12/28/11 21:23	1
N-Nitrosodi-n-propylamine	<0.13		0.47	0.13	ug/L		12/27/11 08:20	12/28/11 21:23	1
Hexachloroethane	<0.91		4.7	0.91	ug/L		12/27/11 08:20	12/28/11 21:23	1
2-Chlorophenol	<0.75		4.7	0.75	ug/L		12/27/11 08:20	12/28/11 21:23	1
Nitrobenzene	<0.42		0.93	0.42	ug/L		12/27/11 08:20	12/28/11 21:23	1
Bis(2-chloroethoxy)methane	<0.28		1.9	0.28	ug/L		12/27/11 08:20	12/28/11 21:23	1
1,2,4-Trichlorobenzene	<0.28		1.9	0.28	ug/L		12/27/11 08:20	12/28/11 21:23	1
Benzoic acid	<4.3	*	19	4.3	ug/L		12/27/11 08:20	12/28/11 21:23	1
Isophorone	<0.27		1.9	0.27	ug/L		12/27/11 08:20	12/28/11 21:23	1
2,4-Dimethylphenol	<3.1		9.3	3.1	ug/L		12/27/11 08:20	12/28/11 21:23	1
Hexachlorobutadiene	<1.0		4.7	1.0	ug/L		12/27/11 08:20	12/28/11 21:23	1
Naphthalene	**7.6**		0.93	0.28	ug/L		12/27/11 08:20	12/28/11 21:23	1
2,4-Dichlorophenol	<2.1		9.3	2.1	ug/L		12/27/11 08:20	12/28/11 21:23	1
4-Chloroaniline	<2.0		9.3	2.0	ug/L		12/27/11 08:20	12/28/11 21:23	1
2,4,6-Trichlorophenol	<1.0		4.7	1.0	ug/L		12/27/11 08:20	12/28/11 21:23	1
2,4,5-Trichlorophenol	<2.1		9.3	2.1	ug/L		12/27/11 08:20	12/28/11 21:23	1
Hexachlorocyclopentadiene	<3.2		19	3.2	ug/L		12/27/11 08:20	12/28/11 21:23	1
2-Methylnaphthalene	**0.42**	**J**	0.47	0.12	ug/L		12/27/11 08:20	12/28/11 21:23	1
2-Nitroaniline	<1.0		4.7	1.0	ug/L		12/27/11 08:20	12/28/11 21:23	1
2-Chloronaphthalene	<0.32		1.9	0.32	ug/L		12/27/11 08:20	12/28/11 21:23	1
4-Chloro-3-methylphenol	<2.1		9.3	2.1	ug/L		12/27/11 08:20	12/28/11 21:23	1

Client Sample ID: P-103 Dup
Date Collected: 12/22/11 10:25
Date Received: 12/23/11 13:04

Lab Sample ID: 610-696-7
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,6-Dinitrotoluene	<0.11		0.47	0.11	ug/L		12/27/11 08:20	12/28/11 21:23	1
2-Nitrophenol	<2.0		9.3	2.0	ug/L		12/27/11 08:20	12/28/11 21:23	1
3-Nitroaniline	<2.1		9.3	2.1	ug/L		12/27/11 08:20	12/28/11 21:23	1
Dimethyl phthalate	<0.36		1.9	0.36	ug/L		12/27/11 08:20	12/28/11 21:23	1
2,4-Dinitrophenol	<6.9		19	6.9	ug/L		12/27/11 08:20	12/28/11 21:23	1
Acenaphthylene	<0.30		0.93	0.30	ug/L		12/27/11 08:20	12/28/11 21:23	1
2,4-Dinitrotoluene	<0.28		0.93	0.28	ug/L		12/27/11 08:20	12/28/11 21:23	1
Acenaphthene	<0.34		0.93	0.34	ug/L		12/27/11 08:20	12/28/11 21:23	1
Dibenzofuran	<0.33		1.9	0.33	ug/L		12/27/11 08:20	12/28/11 21:23	1
4-Nitrophenol	<2.2		19	2.2	ug/L		12/27/11 08:20	12/28/11 21:23	1
Fluorene	<0.36		0.93	0.36	ug/L		12/27/11 08:20	12/28/11 21:23	1
4-Nitroaniline	<3.7		9.3	3.7	ug/L		12/27/11 08:20	12/28/11 21:23	1
4-Bromophenyl phenyl ether	<0.85		4.7	0.85	ug/L		12/27/11 08:20	12/28/11 21:23	1
Hexachlorobenzene	<0.13		0.47	0.13	ug/L		12/27/11 08:20	12/28/11 21:23	1
Diethyl phthalate	<0.41		1.9	0.41	ug/L		12/27/11 08:20	12/28/11 21:23	1
4-Chlorophenyl phenyl ether	<0.76		4.7	0.76	ug/L		12/27/11 08:20	12/28/11 21:23	1
Pentachlorophenol	<5.2		19	5.2	ug/L		12/27/11 08:20	12/28/11 21:23	1
N-Nitrosodiphenylamine	<0.32		0.93	0.32	ug/L		12/27/11 08:20	12/28/11 21:23	1
4,6-Dinitro-2-methylphenol	<4.6		19	4.6	ug/L		12/27/11 08:20	12/28/11 21:23	1
Phenanthrene	<0.33		0.93	0.33	ug/L		12/27/11 08:20	12/28/11 21:23	1
Anthracene	<0.30		0.93	0.30	ug/L		12/27/11 08:20	12/28/11 21:23	1
Carbazole	<0.93		4.7	0.93	ug/L		12/27/11 08:20	12/28/11 21:23	1
Di-n-butyl phthalate	<0.75		4.7	0.75	ug/L		12/27/11 08:20	12/28/11 21:23	1
Fluoranthene	<0.30		0.93	0.30	ug/L		12/27/11 08:20	12/28/11 21:23	1
Pyrene	<0.45		0.93	0.45	ug/L		12/27/11 08:20	12/28/11 21:23	1
Butyl benzyl phthalate	<0.25		1.9	0.25	ug/L		12/27/11 08:20	12/28/11 21:23	1
Benzo[a]anthracene	**0.11**	**J**	0.19	0.041	ug/L		12/27/11 08:20	12/28/11 21:23	1
Chrysene	**0.13**	**J**	0.47	0.13	ug/L		12/27/11 08:20	12/28/11 21:23	1
3,3'-Dichlorobenzidine	<0.88		4.7	0.88	ug/L		12/27/11 08:20	12/28/11 21:23	1
Bis(2-ethylhexyl) phthalate	<2.3		9.3	2.3	ug/L		12/27/11 08:20	12/28/11 21:23	1
Di-n-octyl phthalate	<2.3		9.3	2.3	ug/L		12/27/11 08:20	12/28/11 21:23	1
Benzo[b]fluoranthene	**0.17**	**J**	0.19	0.054	ug/L		12/27/11 08:20	12/28/11 21:23	1
Benzo[k]fluoranthene	<0.069		0.19	0.069	ug/L		12/27/11 08:20	12/28/11 21:23	1
Benzo[a]pyrene	**0.14**	**J**	0.19	0.052	ug/L		12/27/11 08:20	12/28/11 21:23	1
Indeno[1,2,3-cd]pyrene	<0.079		0.19	0.079	ug/L		12/27/11 08:20	12/28/11 21:23	1
Dibenz(a,h)anthracene	<0.060		0.28	0.060	ug/L		12/27/11 08:20	12/28/11 21:23	1
Benzo[g,h,i]perylene	<0.39		0.93	0.39	ug/L		12/27/11 08:20	12/28/11 21:23	1
3 & 4 Methylphenol	**0.74**	**J**	1.9	0.41	ug/L		12/27/11 08:20	12/28/11 21:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorophenol	*37*		*20 - 100*	*12/27/11 08:20*	*12/28/11 21:23*	*1*
Phenol-d5	*24*		*20 - 100*	*12/27/11 08:20*	*12/28/11 21:23*	*1*
Nitrobenzene-d5	*72*		*39 - 110*	*12/27/11 08:20*	*12/28/11 21:23*	*1*
2-Fluorobiphenyl	*79*		*44 - 110*	*12/27/11 08:20*	*12/28/11 21:23*	*1*
2,4,6-Tribromophenol	*99*		*46 - 126*	*12/27/11 08:20*	*12/28/11 21:23*	*1*
Terphenyl-d14	*83*		*52 - 131*	*12/27/11 08:20*	*12/28/11 21:23*	*1*

Surrogate Summary

Client: Tetra Tech GEO
Project/Site: Beazer - Wabach Alloys 117-2201257.02

TestAmerica Job ID: 610-696-1

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

Matrix: Ground Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(80-120)	(80-120)	(80-120)
610-696-1	MW-101	95	103	96
610-696-3	MW-107	96	102	97
610-696-3 - DL	MW-107	98	103	98
610-696-4	P-103	96	102	97
610-696-6	P-103 Dup	92	103	98

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)

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

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(80-120)	(80-120)	(80-120)
610-696-5	TB-2	96	102	97
LCS 610-1108/1	Lab Control Sample	94	99	96
LCS 610-1127/1	Lab Control Sample	97	103	96
MB 610-1108/4	Method Blank	95	102	97
MB 610-1127/6	Method Blank	97	103	98

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)

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

Matrix: Ground Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		FBP	NBZ	TPH	2FP	PHL	TBP
Lab Sample ID	Client Sample ID	(44-110)	(39-110)	(52-131)	(20-100)	(20-100)	(46-126)
610-696-1	MW-101	74	63	87			
610-696-2	P-103	80	72	91	36	23	99
610-696-3	MW-107	110	161 X	100			
610-696-3 - DL	MW-107	0 D	0 D	0 D			
610-696-7	P-103 Dup	79	72	83	37	24	99

Surrogate Legend

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

Surrogate Summary

Client: Tetra Tech GEO
Project/Site: Beazer - Wabach Alloys 117-2201257.02

TestAmerica Job ID: 610-696-1

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

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		2FP	PHL	NBZ	FBP	TBP	TPH
Lab Sample ID	Client Sample ID	(20-100)	(20-100)	(39-110)	(44-110)	(46-126)	(52-131)
LCS 500-136837/2-A	Lab Control Sample	49	34	82	85	114	98
LCSD 500-136837/3-A	Lab Control Sample Dup	48	34	80	85	106	98
MB 500-136837/1-A	Method Blank	51	35	83	82	97	95

Surrogate Legend

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

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

Matrix: Ground Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		TCX1	DCB1
Lab Sample ID	Client Sample ID	(43-111)	(24-131)
610-696-1	MW-101	108	84
610-696-3	MW-107	70	72
610-696-4	P-103	86	33

Surrogate Legend

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

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

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		TCX1	DCB1
Lab Sample ID	Client Sample ID	(43-111)	(24-131)
LCS 500-136866/2-A	Lab Control Sample	97	59
LCSD 500-136866/3-A	Lab Control Sample Dup	96	61
MB 500-136866/1-A	Method Blank	101	99

Surrogate Legend

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

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

Lab Sample ID: MB 610-1108/4
Matrix: Water
Analysis Batch: 1108

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.20		2.0	0.20	ug/L			12/27/11 18:29	1
Bromobenzene	<0.20		2.0	0.20	ug/L			12/27/11 18:29	1
Bromochloromethane	<0.50		2.0	0.50	ug/L			12/27/11 18:29	1
Bromodichloromethane	<0.20		2.0	0.20	ug/L			12/27/11 18:29	1
Bromoform	<0.20		5.0	0.20	ug/L			12/27/11 18:29	1
Bromomethane	<0.50		5.0	0.50	ug/L			12/27/11 18:29	1
n-Butylbenzene	<0.20		2.0	0.20	ug/L			12/27/11 18:29	1
sec-Butylbenzene	<0.25		2.0	0.25	ug/L			12/27/11 18:29	1
tert-Butylbenzene	<0.20		2.0	0.20	ug/L			12/27/11 18:29	1
Carbon tetrachloride	<0.80		2.0	0.80	ug/L			12/27/11 18:29	1
Chlorobenzene	<0.20		2.0	0.20	ug/L			12/27/11 18:29	1
Chlorodibromomethane	<0.20		2.0	0.20	ug/L			12/27/11 18:29	1
Chloroethane	<1.0		5.0	1.0	ug/L			12/27/11 18:29	1
Chloroform	<0.20		2.0	0.20	ug/L			12/27/11 18:29	1
Chloromethane	<0.30		2.0	0.30	ug/L			12/27/11 18:29	1
2-Chlorotoluene	<0.50		2.0	0.50	ug/L			12/27/11 18:29	1
4-Chlorotoluene	<0.20		2.0	0.20	ug/L			12/27/11 18:29	1
1,2-Dibromo-3-Chloropropane	<0.50		2.0	0.50	ug/L			12/27/11 18:29	1
1,2-Dibromoethane (EDB)	<0.20		2.0	0.20	ug/L			12/27/11 18:29	1
Dibromomethane	<0.20		2.0	0.20	ug/L			12/27/11 18:29	1
1,2-Dichlorobenzene	<0.20		2.0	0.20	ug/L			12/27/11 18:29	1
1,3-Dichlorobenzene	<0.20		2.0	0.20	ug/L			12/27/11 18:29	1
1,4-Dichlorobenzene	<0.50		2.0	0.50	ug/L			12/27/11 18:29	1
Dichlorodifluoromethane	<0.50		2.0	0.50	ug/L			12/27/11 18:29	1
1,1-Dichloroethane	<0.50		2.0	0.50	ug/L			12/27/11 18:29	1
1,2-Dichloroethane	<0.50		2.0	0.50	ug/L			12/27/11 18:29	1
1,1-Dichloroethene	<0.50		2.0	0.50	ug/L			12/27/11 18:29	1
cis-1,2-Dichloroethene	<0.50		2.0	0.50	ug/L			12/27/11 18:29	1
trans-1,2-Dichloroethene	<0.50		2.0	0.50	ug/L			12/27/11 18:29	1
1,2-Dichloropropane	<0.50		2.0	0.50	ug/L			12/27/11 18:29	1
1,3-Dichloropropane	<0.25		2.0	0.25	ug/L			12/27/11 18:29	1
2,2-Dichloropropane	<0.50		2.0	0.50	ug/L			12/27/11 18:29	1
1,1-Dichloropropene	<0.50		2.0	0.50	ug/L			12/27/11 18:29	1
cis-1,3-Dichloropropene	<0.20		2.0	0.20	ug/L			12/27/11 18:29	1
trans-1,3-Dichloropropene	<0.20		2.0	0.20	ug/L			12/27/11 18:29	1
Isopropyl ether	<0.50		2.0	0.50	ug/L			12/27/11 18:29	1
Ethylbenzene	<0.50		2.0	0.50	ug/L			12/27/11 18:29	1
Hexachlorobutadiene	<0.50		2.0	0.50	ug/L			12/27/11 18:29	1
Isopropylbenzene	<0.20		2.0	0.20	ug/L			12/27/11 18:29	1
p-Isopropyltoluene	<0.20		2.0	0.20	ug/L			12/27/11 18:29	1
Methylene Chloride	<1.0		2.0	1.0	ug/L			12/27/11 18:29	1
Methyl tert-butyl ether	<0.50		2.0	0.50	ug/L			12/27/11 18:29	1
Naphthalene	<0.25		5.0	0.25	ug/L			12/27/11 18:29	1
N-Propylbenzene	<0.50		2.0	0.50	ug/L			12/27/11 18:29	1
Styrene	<0.50		5.0	0.50	ug/L			12/27/11 18:29	1
1,1,1,2-Tetrachloroethane	<0.25		2.0	0.25	ug/L			12/27/11 18:29	1
1,1,2,2-Tetrachloroethane	<0.20		2.0	0.20	ug/L			12/27/11 18:29	1
Tetrachloroethene	<0.50		2.0	0.50	ug/L			12/27/11 18:29	1
Toluene	<0.50		2.0	0.50	ug/L			12/27/11 18:29	1

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

Lab Sample ID: MB 610-1108/4
Matrix: Water
Analysis Batch: 1108

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.25		2.0	0.25	ug/L			12/27/11 18:29	1
1,2,4-Trichlorobenzene	<0.25		2.0	0.25	ug/L			12/27/11 18:29	1
1,1,1-Trichloroethane	<0.50		2.0	0.50	ug/L			12/27/11 18:29	1
1,1,2-Trichloroethane	<0.25		2.0	0.25	ug/L			12/27/11 18:29	1
Trichloroethene	<0.20		2.0	0.20	ug/L			12/27/11 18:29	1
Trichlorofluoromethane	<0.50		2.0	0.50	ug/L			12/27/11 18:29	1
1,2,3-Trichloropropane	<0.50		2.0	0.50	ug/L			12/27/11 18:29	1
1,2,4-Trimethylbenzene	<0.20		2.0	0.20	ug/L			12/27/11 18:29	1
1,3,5-Trimethylbenzene	<0.20		2.0	0.20	ug/L			12/27/11 18:29	1
Vinyl chloride	<0.20		2.0	0.20	ug/L			12/27/11 18:29	1
Xylenes, Total	<0.50		6.0	0.50	ug/L			12/27/11 18:29	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*		*12/27/11 18:29*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*12/27/11 18:29*	*1*
Dibromofluoromethane (Surr)	*97*		*80 - 120*		*12/27/11 18:29*	*1*

Lab Sample ID: LCS 610-1108/1
Matrix: Water
Analysis Batch: 1108

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	50.0	47.0		ug/L		94	80 - 120
Bromobenzene	50.0	48.1		ug/L		96	80 - 120
Bromochloromethane	50.0	47.7		ug/L		95	80 - 120
Bromodichloromethane	50.0	49.5		ug/L		99	80 - 120
Bromoform	50.0	53.2		ug/L		106	80 - 120
Bromomethane	50.0	31.2		ug/L		62	60 - 140
n-Butylbenzene	50.0	49.9		ug/L		100	80 - 120
sec-Butylbenzene	50.0	50.3		ug/L		101	80 - 120
tert-Butylbenzene	50.0	50.6		ug/L		101	80 - 120
Carbon tetrachloride	50.0	48.2		ug/L		96	60 - 140
Chlorobenzene	50.0	50.0		ug/L		100	80 - 120
Chlorodibromomethane	50.0	52.5		ug/L		105	80 - 120
Chloroethane	50.0	46.8		ug/L		94	60 - 140
Chloroform	50.0	46.0		ug/L		92	80 - 120
Chloromethane	50.0	42.7		ug/L		85	60 - 140
2-Chlorotoluene	50.0	48.8		ug/L		98	80 - 120
4-Chlorotoluene	50.0	47.1		ug/L		94	80 - 120
1,2-Dibromo-3-Chloropropane	50.0	65.0		ug/L		130	60 - 140
1,2-Dibromoethane (EDB)	50.0	50.1		ug/L		100	80 - 120
Dibromomethane	50.0	49.8		ug/L		100	80 - 120
1,2-Dichlorobenzene	50.0	51.1		ug/L		102	80 - 120
1,3-Dichlorobenzene	50.0	50.0		ug/L		100	80 - 120
1,4-Dichlorobenzene	50.0	49.4		ug/L		99	80 - 120
Dichlorodifluoromethane	50.0	44.8		ug/L		90	60 - 140
1,1-Dichloroethane	50.0	48.6		ug/L		97	80 - 120
1,2-Dichloroethane	50.0	46.4		ug/L		93	80 - 120
1,1-Dichloroethene	50.0	49.3		ug/L		99	80 - 120

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

Lab Sample ID: LCS 610-1108/1
Matrix: Water
Analysis Batch: 1108

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
cis-1,2-Dichloroethene	50.0	47.5		ug/L		95	80 - 120
trans-1,2-Dichloroethene	50.0	48.2		ug/L		96	80 - 120
1,2-Dichloropropane	50.0	49.5		ug/L		99	80 - 120
1,3-Dichloropropane	50.0	49.4		ug/L		99	80 - 120
2,2-Dichloropropane	50.0	46.8		ug/L		94	60 - 140
1,1-Dichloropropene	50.0	45.6		ug/L		91	80 - 120
cis-1,3-Dichloropropene	50.0	49.7		ug/L		99	80 - 120
trans-1,3-Dichloropropene	50.0	49.9		ug/L		100	80 - 120
Isopropyl ether	50.0	52.8		ug/L		106	80 - 120
Ethylbenzene	50.0	50.0		ug/L		100	80 - 120
Hexachlorobutadiene	50.0	44.7		ug/L		89	60 - 140
Isopropylbenzene	50.0	48.8		ug/L		98	80 - 120
p-Isopropyltoluene	50.0	49.2		ug/L		98	80 - 120
Methylene Chloride	50.0	46.4		ug/L		93	80 - 120
Methyl tert-butyl ether	50.0	47.5		ug/L		95	80 - 120
Naphthalene	50.0	69.7		ug/L		139	60 - 140
N-Propylbenzene	50.0	49.1		ug/L		98	80 - 120
Styrene	50.0	50.7		ug/L		101	80 - 120
1,1,1,2-Tetrachloroethane	50.0	51.6		ug/L		103	80 - 120
1,1,2,2-Tetrachloroethane	50.0	54.0		ug/L		108	80 - 120
Tetrachloroethene	50.0	49.7		ug/L		99	80 - 120
Toluene	50.0	48.6		ug/L		97	80 - 120
1,2,3-Trichlorobenzene	50.0	62.7	*	ug/L		125	80 - 120
1,2,4-Trichlorobenzene	50.0	56.5		ug/L		113	80 - 120
1,1,1-Trichloroethane	50.0	48.6		ug/L		97	80 - 120
1,1,2-Trichloroethane	50.0	50.2		ug/L		100	80 - 120
Trichloroethene	50.0	50.3		ug/L		101	80 - 120
Trichlorofluoromethane	50.0	49.5		ug/L		99	80 - 120
1,2,3-Trichloropropane	50.0	54.1		ug/L		108	80 - 120
1,2,4-Trimethylbenzene	50.0	48.8		ug/L		98	80 - 120
1,3,5-Trimethylbenzene	50.0	48.6		ug/L		97	80 - 120
Vinyl chloride	50.0	45.3		ug/L		91	80 - 120
Xylenes, Total	150	150		ug/L		100	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*94*		*80 - 120*
Toluene-d8 (Surr)	*99*		*80 - 120*
Dibromofluoromethane (Surr)	*96*		*80 - 120*

Lab Sample ID: MB 610-1127/6
Matrix: Water
Analysis Batch: 1127

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.20		2.0	0.20	ug/L			12/28/11 21:03	1
Bromobenzene	<0.20		2.0	0.20	ug/L			12/28/11 21:03	1
Bromochloromethane	<0.50		2.0	0.50	ug/L			12/28/11 21:03	1
Bromodichloromethane	<0.20		2.0	0.20	ug/L			12/28/11 21:03	1
Bromoform	<0.20		5.0	0.20	ug/L			12/28/11 21:03	1

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

Lab Sample ID: MB 610-1127/6
Matrix: Water
Analysis Batch: 1127

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	<0.50		5.0	0.50	ug/L			12/28/11 21:03	1
n-Butylbenzene	<0.20		2.0	0.20	ug/L			12/28/11 21:03	1
sec-Butylbenzene	<0.25		2.0	0.25	ug/L			12/28/11 21:03	1
tert-Butylbenzene	<0.20		2.0	0.20	ug/L			12/28/11 21:03	1
Carbon tetrachloride	<0.80		2.0	0.80	ug/L			12/28/11 21:03	1
Chlorobenzene	<0.20		2.0	0.20	ug/L			12/28/11 21:03	1
Chlorodibromomethane	<0.20		2.0	0.20	ug/L			12/28/11 21:03	1
Chloroethane	<1.0		5.0	1.0	ug/L			12/28/11 21:03	1
Chloroform	<0.20		2.0	0.20	ug/L			12/28/11 21:03	1
Chloromethane	<0.30		2.0	0.30	ug/L			12/28/11 21:03	1
2-Chlorotoluene	<0.50		2.0	0.50	ug/L			12/28/11 21:03	1
4-Chlorotoluene	<0.20		2.0	0.20	ug/L			12/28/11 21:03	1
1,2-Dibromo-3-Chloropropane	<0.50		2.0	0.50	ug/L			12/28/11 21:03	1
1,2-Dibromoethane (EDB)	<0.20		2.0	0.20	ug/L			12/28/11 21:03	1
Dibromomethane	<0.20		2.0	0.20	ug/L			12/28/11 21:03	1
1,2-Dichlorobenzene	<0.20		2.0	0.20	ug/L			12/28/11 21:03	1
1,3-Dichlorobenzene	<0.20		2.0	0.20	ug/L			12/28/11 21:03	1
1,4-Dichlorobenzene	<0.50		2.0	0.50	ug/L			12/28/11 21:03	1
Dichlorodifluoromethane	<0.50		2.0	0.50	ug/L			12/28/11 21:03	1
1,1-Dichloroethane	<0.50		2.0	0.50	ug/L			12/28/11 21:03	1
1,2-Dichloroethane	<0.50		2.0	0.50	ug/L			12/28/11 21:03	1
1,1-Dichloroethene	<0.50		2.0	0.50	ug/L			12/28/11 21:03	1
cis-1,2-Dichloroethene	<0.50		2.0	0.50	ug/L			12/28/11 21:03	1
trans-1,2-Dichloroethene	<0.50		2.0	0.50	ug/L			12/28/11 21:03	1
1,2-Dichloropropane	<0.50		2.0	0.50	ug/L			12/28/11 21:03	1
1,3-Dichloropropane	<0.25		2.0	0.25	ug/L			12/28/11 21:03	1
2,2-Dichloropropane	<0.50		2.0	0.50	ug/L			12/28/11 21:03	1
1,1-Dichloropropene	<0.50		2.0	0.50	ug/L			12/28/11 21:03	1
cis-1,3-Dichloropropene	<0.20		2.0	0.20	ug/L			12/28/11 21:03	1
trans-1,3-Dichloropropene	<0.20		2.0	0.20	ug/L			12/28/11 21:03	1
Isopropyl ether	<0.50		2.0	0.50	ug/L			12/28/11 21:03	1
Ethylbenzene	<0.50		2.0	0.50	ug/L			12/28/11 21:03	1
Hexachlorobutadiene	<0.50		2.0	0.50	ug/L			12/28/11 21:03	1
Isopropylbenzene	<0.20		2.0	0.20	ug/L			12/28/11 21:03	1
p-Isopropyltoluene	<0.20		2.0	0.20	ug/L			12/28/11 21:03	1
Methylene Chloride	<1.0		2.0	1.0	ug/L			12/28/11 21:03	1
Methyl tert-butyl ether	<0.50		2.0	0.50	ug/L			12/28/11 21:03	1
Naphthalene	<0.25		5.0	0.25	ug/L			12/28/11 21:03	1
N-Propylbenzene	<0.50		2.0	0.50	ug/L			12/28/11 21:03	1
Styrene	<0.50		5.0	0.50	ug/L			12/28/11 21:03	1
1,1,1,2-Tetrachloroethane	<0.25		2.0	0.25	ug/L			12/28/11 21:03	1
1,1,2,2-Tetrachloroethane	<0.20		2.0	0.20	ug/L			12/28/11 21:03	1
Tetrachloroethene	<0.50		2.0	0.50	ug/L			12/28/11 21:03	1
Toluene	<0.50		2.0	0.50	ug/L			12/28/11 21:03	1
1,2,3-Trichlorobenzene	<0.25		2.0	0.25	ug/L			12/28/11 21:03	1
1,2,4-Trichlorobenzene	<0.25		2.0	0.25	ug/L			12/28/11 21:03	1
1,1,1-Trichloroethane	<0.50		2.0	0.50	ug/L			12/28/11 21:03	1
1,1,2-Trichloroethane	<0.25		2.0	0.25	ug/L			12/28/11 21:03	1
Trichloroethene	<0.20		2.0	0.20	ug/L			12/28/11 21:03	1
Trichlorofluoromethane	<0.50		2.0	0.50	ug/L			12/28/11 21:03	1

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

Lab Sample ID: MB 610-1127/6
Matrix: Water
Analysis Batch: 1127

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	<0.50		2.0	0.50	ug/L			12/28/11 21:03	1
1,2,4-Trimethylbenzene	<0.20		2.0	0.20	ug/L			12/28/11 21:03	1
1,3,5-Trimethylbenzene	<0.20		2.0	0.20	ug/L			12/28/11 21:03	1
Vinyl chloride	<0.20		2.0	0.20	ug/L			12/28/11 21:03	1
Xylenes, Total	<0.50		6.0	0.50	ug/L			12/28/11 21:03	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*		*12/28/11 21:03*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*12/28/11 21:03*	*1*
Dibromofluoromethane (Surr)	*98*		*80 - 120*		*12/28/11 21:03*	*1*

Lab Sample ID: LCS 610-1127/1
Matrix: Water
Analysis Batch: 1127

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	50.0	46.5		ug/L		93	80 - 120
Bromobenzene	50.0	47.0		ug/L		94	80 - 120
Bromochloromethane	50.0	45.6		ug/L		91	80 - 120
Bromodichloromethane	50.0	48.5		ug/L		97	80 - 120
Bromoform	50.0	51.8		ug/L		104	80 - 120
Bromomethane	50.0	26.1	*	ug/L		52	60 - 140
n-Butylbenzene	50.0	48.8		ug/L		98	80 - 120
sec-Butylbenzene	50.0	49.5		ug/L		99	80 - 120
tert-Butylbenzene	50.0	49.3		ug/L		99	80 - 120
Carbon tetrachloride	50.0	47.1		ug/L		94	60 - 140
Chlorobenzene	50.0	47.9		ug/L		96	80 - 120
Chlorodibromomethane	50.0	50.4		ug/L		101	80 - 120
Chloroethane	50.0	51.5		ug/L		103	60 - 140
Chloroform	50.0	45.4		ug/L		91	80 - 120
Chloromethane	50.0	44.6		ug/L		89	60 - 140
2-Chlorotoluene	50.0	48.0		ug/L		96	80 - 120
4-Chlorotoluene	50.0	46.9		ug/L		94	80 - 120
1,2-Dibromo-3-Chloropropane	50.0	61.7		ug/L		123	60 - 140
1,2-Dibromoethane (EDB)	50.0	49.9		ug/L		100	80 - 120
Dibromomethane	50.0	47.1		ug/L		94	80 - 120
1,2-Dichlorobenzene	50.0	49.0		ug/L		98	80 - 120
1,3-Dichlorobenzene	50.0	48.2		ug/L		96	80 - 120
1,4-Dichlorobenzene	50.0	47.7		ug/L		95	80 - 120
Dichlorodifluoromethane	50.0	44.8		ug/L		90	60 - 140
1,1-Dichloroethane	50.0	48.4		ug/L		97	80 - 120
1,2-Dichloroethane	50.0	46.0		ug/L		92	80 - 120
1,1-Dichloroethene	50.0	53.8		ug/L		108	80 - 120
cis-1,2-Dichloroethene	50.0	46.5		ug/L		93	80 - 120
trans-1,2-Dichloroethene	50.0	47.4		ug/L		95	80 - 120
1,2-Dichloropropane	50.0	49.4		ug/L		99	80 - 120
1,3-Dichloropropane	50.0	48.6		ug/L		97	80 - 120
2,2-Dichloropropane	50.0	45.3		ug/L		91	60 - 140
1,1-Dichloropropene	50.0	45.0		ug/L		90	80 - 120

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

Lab Sample ID: LCS 610-1127/1
Matrix: Water
Analysis Batch: 1127

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
cis-1,3-Dichloropropene	50.0	49.0		ug/L		98	80 - 120
trans-1,3-Dichloropropene	50.0	49.0		ug/L		98	80 - 120
Isopropyl ether	50.0	53.7		ug/L		107	80 - 120
Ethylbenzene	50.0	48.7		ug/L		97	80 - 120
Hexachlorobutadiene	50.0	42.9		ug/L		86	60 - 140
Isopropylbenzene	50.0	48.7		ug/L		97	80 - 120
p-Isopropyltoluene	50.0	48.4		ug/L		97	80 - 120
Methylene Chloride	50.0	45.8		ug/L		92	80 - 120
Methyl tert-butyl ether	50.0	47.0		ug/L		94	80 - 120
Naphthalene	50.0	66.9		ug/L		134	60 - 140
N-Propylbenzene	50.0	48.5		ug/L		97	80 - 120
Styrene	50.0	48.9		ug/L		98	80 - 120
1,1,1,2-Tetrachloroethane	50.0	49.4		ug/L		99	80 - 120
1,1,2,2-Tetrachloroethane	50.0	53.5		ug/L		107	80 - 120
Tetrachloroethene	50.0	48.3		ug/L		97	80 - 120
Toluene	50.0	48.6		ug/L		97	80 - 120
1,2,3-Trichlorobenzene	50.0	59.3		ug/L		119	80 - 120
1,2,4-Trichlorobenzene	50.0	53.9		ug/L		108	80 - 120
1,1,1-Trichloroethane	50.0	47.5		ug/L		95	80 - 120
1,1,2-Trichloroethane	50.0	49.0		ug/L		98	80 - 120
Trichloroethene	50.0	48.5		ug/L		97	80 - 120
Trichlorofluoromethane	50.0	51.9		ug/L		104	80 - 120
1,2,3-Trichloropropane	50.0	53.3		ug/L		107	80 - 120
1,2,4-Trimethylbenzene	50.0	48.1		ug/L		96	80 - 120
1,3,5-Trimethylbenzene	50.0	48.2		ug/L		96	80 - 120
Vinyl chloride	50.0	48.4		ug/L		97	80 - 120
Xylenes, Total	150	145		ug/L		97	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*
Toluene-d8 (Surr)	*103*		*80 - 120*
Dibromofluoromethane (Surr)	*96*		*80 - 120*

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

Lab Sample ID: MB 500-136837/1-A
Matrix: Water
Analysis Batch: 136946

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 136837

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	<0.36		5.0	0.36	ug/L		12/27/11 08:20	12/28/11 14:52	1
Bis(2-chloroethyl)ether	<0.35		2.0	0.35	ug/L		12/27/11 08:20	12/28/11 14:52	1
1,3-Dichlorobenzene	<0.25		2.0	0.25	ug/L		12/27/11 08:20	12/28/11 14:52	1
1,4-Dichlorobenzene	<0.27		2.0	0.27	ug/L		12/27/11 08:20	12/28/11 14:52	1
1,2-Dichlorobenzene	<0.29		2.0	0.29	ug/L		12/27/11 08:20	12/28/11 14:52	1
Benzyl alcohol	<3.1		20	3.1	ug/L		12/27/11 08:20	12/28/11 14:52	1
2-Methylphenol	<0.31		2.0	0.31	ug/L		12/27/11 08:20	12/28/11 14:52	1
2,2'-oxybis[1-chloropropane]	<0.30		2.0	0.30	ug/L		12/27/11 08:20	12/28/11 14:52	1
N-Nitrosodi-n-propylamine	<0.14		0.50	0.14	ug/L		12/27/11 08:20	12/28/11 14:52	1

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

Lab Sample ID: MB 500-136837/1-A
Matrix: Water
Analysis Batch: 136946

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 136837

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachloroethane	<0.97		5.0	0.97	ug/L		12/27/11 08:20	12/28/11 14:52	1
2-Chlorophenol	<0.80		5.0	0.80	ug/L		12/27/11 08:20	12/28/11 14:52	1
Nitrobenzene	<0.45		1.0	0.45	ug/L		12/27/11 08:20	12/28/11 14:52	1
Bis(2-chloroethoxy)methane	<0.30		2.0	0.30	ug/L		12/27/11 08:20	12/28/11 14:52	1
1,2,4-Trichlorobenzene	<0.30		2.0	0.30	ug/L		12/27/11 08:20	12/28/11 14:52	1
Benzoic acid	<4.6		20	4.6	ug/L		12/27/11 08:20	12/28/11 14:52	1
Isophorone	<0.29		2.0	0.29	ug/L		12/27/11 08:20	12/28/11 14:52	1
2,4-Dimethylphenol	<3.3		10	3.3	ug/L		12/27/11 08:20	12/28/11 14:52	1
Hexachlorobutadiene	<1.1		5.0	1.1	ug/L		12/27/11 08:20	12/28/11 14:52	1
Naphthalene	<0.30		1.0	0.30	ug/L		12/27/11 08:20	12/28/11 14:52	1
2,4-Dichlorophenol	<2.3		10	2.3	ug/L		12/27/11 08:20	12/28/11 14:52	1
1-Methylnaphthalene	<1.0		1.0	1.0	ug/L		12/27/11 08:20	12/28/11 14:52	1
4-Chloroaniline	<2.1		10	2.1	ug/L		12/27/11 08:20	12/28/11 14:52	1
2,4,6-Trichlorophenol	<1.1		5.0	1.1	ug/L		12/27/11 08:20	12/28/11 14:52	1
2,4,5-Trichlorophenol	<2.3		10	2.3	ug/L		12/27/11 08:20	12/28/11 14:52	1
Hexachlorocyclopentadiene	<3.4		20	3.4	ug/L		12/27/11 08:20	12/28/11 14:52	1
2-Methylnaphthalene	<0.13		0.50	0.13	ug/L		12/27/11 08:20	12/28/11 14:52	1
2-Nitroaniline	<1.1		5.0	1.1	ug/L		12/27/11 08:20	12/28/11 14:52	1
2-Chloronaphthalene	<0.34		2.0	0.34	ug/L		12/27/11 08:20	12/28/11 14:52	1
4-Chloro-3-methylphenol	<2.2		10	2.2	ug/L		12/27/11 08:20	12/28/11 14:52	1
2,6-Dinitrotoluene	<0.12		0.50	0.12	ug/L		12/27/11 08:20	12/28/11 14:52	1
2-Nitrophenol	<2.1		10	2.1	ug/L		12/27/11 08:20	12/28/11 14:52	1
3-Nitroaniline	<2.3		10	2.3	ug/L		12/27/11 08:20	12/28/11 14:52	1
Dimethyl phthalate	<0.38		2.0	0.38	ug/L		12/27/11 08:20	12/28/11 14:52	1
2,4-Dinitrophenol	<7.4		20	7.4	ug/L		12/27/11 08:20	12/28/11 14:52	1
Acenaphthylene	<0.32		1.0	0.32	ug/L		12/27/11 08:20	12/28/11 14:52	1
2,4-Dinitrotoluene	<0.30		1.0	0.30	ug/L		12/27/11 08:20	12/28/11 14:52	1
Acenaphthene	<0.36		1.0	0.36	ug/L		12/27/11 08:20	12/28/11 14:52	1
Dibenzofuran	<0.35		2.0	0.35	ug/L		12/27/11 08:20	12/28/11 14:52	1
4-Nitrophenol	<2.3		20	2.3	ug/L		12/27/11 08:20	12/28/11 14:52	1
Fluorene	<0.38		1.0	0.38	ug/L		12/27/11 08:20	12/28/11 14:52	1
4-Nitroaniline	<3.9		10	3.9	ug/L		12/27/11 08:20	12/28/11 14:52	1
4-Bromophenyl phenyl ether	<0.91		5.0	0.91	ug/L		12/27/11 08:20	12/28/11 14:52	1
Hexachlorobenzene	<0.14		0.50	0.14	ug/L		12/27/11 08:20	12/28/11 14:52	1
Diethyl phthalate	<0.44		2.0	0.44	ug/L		12/27/11 08:20	12/28/11 14:52	1
4-Chlorophenyl phenyl ether	<0.81		5.0	0.81	ug/L		12/27/11 08:20	12/28/11 14:52	1
Pentachlorophenol	<5.6		20	5.6	ug/L		12/27/11 08:20	12/28/11 14:52	1
N-Nitrosodiphenylamine	<0.34		1.0	0.34	ug/L		12/27/11 08:20	12/28/11 14:52	1
4,6-Dinitro-2-methylphenol	<4.9		20	4.9	ug/L		12/27/11 08:20	12/28/11 14:52	1
Phenanthrene	<0.35		1.0	0.35	ug/L		12/27/11 08:20	12/28/11 14:52	1
Anthracene	<0.32		1.0	0.32	ug/L		12/27/11 08:20	12/28/11 14:52	1
Carbazole	<0.99		5.0	0.99	ug/L		12/27/11 08:20	12/28/11 14:52	1
Di-n-butyl phthalate	<0.80		5.0	0.80	ug/L		12/27/11 08:20	12/28/11 14:52	1
Fluoranthene	<0.32		1.0	0.32	ug/L		12/27/11 08:20	12/28/11 14:52	1
Pyrene	<0.48		1.0	0.48	ug/L		12/27/11 08:20	12/28/11 14:52	1
Butyl benzyl phthalate	<0.27		2.0	0.27	ug/L		12/27/11 08:20	12/28/11 14:52	1
Benzo[a]anthracene	<0.044		0.20	0.044	ug/L		12/27/11 08:20	12/28/11 14:52	1
Chrysene	<0.14		0.50	0.14	ug/L		12/27/11 08:20	12/28/11 14:52	1
3,3'-Dichlorobenzidine	<0.94		5.0	0.94	ug/L		12/27/11 08:20	12/28/11 14:52	1
Bis(2-ethylhexyl) phthalate	<2.4		10	2.4	ug/L		12/27/11 08:20	12/28/11 14:52	1

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

Lab Sample ID: MB 500-136837/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 136946 — **Prep Batch: 136837**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	<2.5		10	2.5	ug/L		12/27/11 08:20	12/28/11 14:52	1
Benzo[b]fluoranthene	<0.058		0.20	0.058	ug/L		12/27/11 08:20	12/28/11 14:52	1
Benzo[k]fluoranthene	<0.074		0.20	0.074	ug/L		12/27/11 08:20	12/28/11 14:52	1
Benzo[a]pyrene	<0.056		0.20	0.056	ug/L		12/27/11 08:20	12/28/11 14:52	1
Indeno[1,2,3-cd]pyrene	<0.084		0.20	0.084	ug/L		12/27/11 08:20	12/28/11 14:52	1
Dibenz(a,h)anthracene	<0.064		0.30	0.064	ug/L		12/27/11 08:20	12/28/11 14:52	1
Benzo[g,h,i]perylene	<0.42		1.0	0.42	ug/L		12/27/11 08:20	12/28/11 14:52	1
3 & 4 Methylphenol	<0.44		2.0	0.44	ug/L		12/27/11 08:20	12/28/11 14:52	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorophenol	*51*		*20 - 100*	*12/27/11 08:20*	*12/28/11 14:52*	*1*
Phenol-d5	*35*		*20 - 100*	*12/27/11 08:20*	*12/28/11 14:52*	*1*
Nitrobenzene-d5	*83*		*39 - 110*	*12/27/11 08:20*	*12/28/11 14:52*	*1*
2-Fluorobiphenyl	*82*		*44 - 110*	*12/27/11 08:20*	*12/28/11 14:52*	*1*
2,4,6-Tribromophenol	*97*		*46 - 126*	*12/27/11 08:20*	*12/28/11 14:52*	*1*
Terphenyl-d14	*95*		*52 - 131*	*12/27/11 08:20*	*12/28/11 14:52*	*1*

Lab Sample ID: LCS 500-136837/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 136946 — **Prep Batch: 136837**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Phenol	50.0	20.0		ug/L		40	20 - 100
Bis(2-chloroethyl)ether	50.0	37.9		ug/L		76	49 - 103
1,3-Dichlorobenzene	50.0	31.4		ug/L		63	35 - 100
1,4-Dichlorobenzene	50.0	32.2		ug/L		64	36 - 100
1,2-Dichlorobenzene	50.0	34.1		ug/L		68	37 - 100
Benzyl alcohol	50.0	37.2		ug/L		74	46 - 100
2-Methylphenol	50.0	35.4		ug/L		71	48 - 100
2,2'-oxybis[1-chloropropane]	50.0	33.3		ug/L		67	42 - 101
N-Nitrosodi-n-propylamine	50.0	37.7		ug/L		75	53 - 108
Hexachloroethane	50.0	31.3		ug/L		63	32 - 100
2-Chlorophenol	50.0	39.3		ug/L		79	54 - 100
Nitrobenzene	50.0	41.9		ug/L		84	55 - 101
Bis(2-chloroethoxy)methane	50.0	42.7		ug/L		85	60 - 103
1,2,4-Trichlorobenzene	50.0	35.1		ug/L		70	42 - 100
Benzoic acid	50.0	17.8	J	ug/L		36	10 - 100
Isophorone	50.0	40.6		ug/L		81	53 - 100
2,4-Dimethylphenol	50.0	39.5		ug/L		79	57 - 100
Hexachlorobutadiene	50.0	33.9		ug/L		68	33 - 100
Naphthalene	50.0	35.4		ug/L		71	48 - 100
2,4-Dichlorophenol	50.0	43.3		ug/L		87	61 - 104
4-Chloroaniline	50.0	37.2		ug/L		74	57 - 101
2,4,6-Trichlorophenol	50.0	46.1		ug/L		92	62 - 106
2,4,5-Trichlorophenol	50.0	47.7		ug/L		95	68 - 112
Hexachlorocyclopentadiene	50.0	24.2		ug/L		48	16 - 100
2-Methylnaphthalene	50.0	35.2		ug/L		70	44 - 100
2-Nitroaniline	50.0	53.5		ug/L		107	65 - 130
2-Chloronaphthalene	50.0	39.5		ug/L		79	50 - 100

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

Lab Sample ID: LCS 500-136837/2-A
Matrix: Water
Analysis Batch: 136946

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 136837

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4-Chloro-3-methylphenol	50.0	41.7		ug/L		83	63 - 108
2,6-Dinitrotoluene	50.0	48.7		ug/L		97	70 - 112
2-Nitrophenol	50.0	50.5		ug/L		101	57 - 104
3-Nitroaniline	50.0	49.4		ug/L		99	64 - 113
Dimethyl phthalate	50.0	45.7		ug/L		91	66 - 110
2,4-Dinitrophenol	50.0	52.5		ug/L		105	46 - 129
Acenaphthylene	50.0	41.8		ug/L		84	56 - 102
2,4-Dinitrotoluene	50.0	53.5		ug/L		107	66 - 118
Acenaphthene	50.0	40.5		ug/L		81	54 - 107
Dibenzofuran	50.0	41.0		ug/L		82	56 - 105
4-Nitrophenol	50.0	21.5		ug/L		43	20 - 100
Fluorene	50.0	42.8		ug/L		86	56 - 111
4-Nitroaniline	50.0	53.7		ug/L		107	64 - 122
4-Bromophenyl phenyl ether	50.0	47.7		ug/L		95	64 - 116
Hexachlorobenzene	50.0	49.8		ug/L		100	66 - 119
Diethyl phthalate	50.0	47.3		ug/L		95	67 - 112
4-Chlorophenyl phenyl ether	50.0	42.7		ug/L		85	60 - 108
Pentachlorophenol	50.0	44.6		ug/L		89	47 - 133
N-Nitrosodiphenylamine	50.0	45.2		ug/L		90	69 - 118
4,6-Dinitro-2-methylphenol	50.0	55.4		ug/L		111	66 - 123
Phenanthrene	50.0	42.6		ug/L		85	64 - 114
Anthracene	50.0	43.0		ug/L		86	60 - 116
Carbazole	50.0	45.9		ug/L		92	69 - 115
Di-n-butyl phthalate	50.0	46.0		ug/L		92	66 - 120
Fluoranthene	50.0	46.2		ug/L		92	66 - 122
Pyrene	50.0	43.3		ug/L		87	62 - 123
Butyl benzyl phthalate	50.0	45.3		ug/L		91	72 - 123
Benzo[a]anthracene	50.0	45.6		ug/L		91	70 - 116
Chrysene	50.0	44.3		ug/L		89	64 - 121
3,3'-Dichlorobenzidine	50.0	39.6		ug/L		79	64 - 112
Bis(2-ethylhexyl) phthalate	50.0	40.2		ug/L		80	69 - 120
Di-n-octyl phthalate	50.0	50.1		ug/L		100	53 - 132
Benzo[b]fluoranthene	50.0	49.0		ug/L		98	57 - 125
Benzo[k]fluoranthene	50.0	51.4		ug/L		103	46 - 134
Benzo[a]pyrene	50.0	51.3		ug/L		103	59 - 127
Indeno[1,2,3-cd]pyrene	50.0	52.2		ug/L		104	63 - 136
Dibenz(a,h)anthracene	50.0	47.8		ug/L		96	62 - 135
Benzo[g,h,i]perylene	50.0	50.5		ug/L		101	64 - 133
3 & 4 Methylphenol	50.0	28.8		ug/L		58	44 - 100

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorophenol	*49*		*20 - 100*
Phenol-d5	*34*		*20 - 100*
Nitrobenzene-d5	*82*		*39 - 110*
2-Fluorobiphenyl	*85*		*44 - 110*
2,4,6-Tribromophenol	*114*		*46 - 126*
Terphenyl-d14	*98*		*52 - 131*

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

Lab Sample ID: LCSD 500-136837/3-A
Matrix: Water
Analysis Batch: 136946

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 136837

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Phenol	50.0	20.0		ug/L		40	20 - 100	0	20
Bis(2-chloroethyl)ether	50.0	35.9		ug/L		72	49 - 103	5	20
1,3-Dichlorobenzene	50.0	30.5		ug/L		61	35 - 100	3	20
1,4-Dichlorobenzene	50.0	31.6		ug/L		63	36 - 100	2	20
1,2-Dichlorobenzene	50.0	33.5		ug/L		67	37 - 100	2	20
Benzyl alcohol	50.0	35.4		ug/L		71	46 - 100	5	20
2-Methylphenol	50.0	34.6		ug/L		69	48 - 100	2	20
2,2'-oxybis[1-chloropropane]	50.0	32.2		ug/L		64	42 - 101	3	20
N-Nitrosodi-n-propylamine	50.0	36.0		ug/L		72	53 - 108	5	20
Hexachloroethane	50.0	30.6		ug/L		61	32 - 100	2	20
2-Chlorophenol	50.0	38.2		ug/L		76	54 - 100	3	20
Nitrobenzene	50.0	41.2		ug/L		82	55 - 101	2	20
Bis(2-chloroethoxy)methane	50.0	41.8		ug/L		84	60 - 103	2	20
1,2,4-Trichlorobenzene	50.0	35.0		ug/L		70	42 - 100	0	20
Benzoic acid	50.0	13.8	J *	ug/L		28	10 - 100	25	20
Isophorone	50.0	39.1		ug/L		78	53 - 100	4	20
2,4-Dimethylphenol	50.0	38.6		ug/L		77	57 - 100	2	20
Hexachlorobutadiene	50.0	33.9		ug/L		68	33 - 100	0	20
Naphthalene	50.0	35.1		ug/L		70	48 - 100	1	20
2,4-Dichlorophenol	50.0	42.3		ug/L		85	61 - 104	2	20
4-Chloroaniline	50.0	36.6		ug/L		73	57 - 101	2	20
2,4,6-Trichlorophenol	50.0	44.6		ug/L		89	62 - 106	3	20
2,4,5-Trichlorophenol	50.0	45.7		ug/L		91	68 - 112	4	20
Hexachlorocyclopentadiene	50.0	24.2		ug/L		48	16 - 100	0	20
2-Methylnaphthalene	50.0	34.9		ug/L		70	44 - 100	1	20
2-Nitroaniline	50.0	52.3		ug/L		105	65 - 130	2	20
2-Chloronaphthalene	50.0	39.1		ug/L		78	50 - 100	1	20
4-Chloro-3-methylphenol	50.0	40.1		ug/L		80	63 - 108	4	20
2,6-Dinitrotoluene	50.0	46.9		ug/L		94	70 - 112	4	20
2-Nitrophenol	50.0	48.9		ug/L		98	57 - 104	3	20
3-Nitroaniline	50.0	47.3		ug/L		95	64 - 113	4	20
Dimethyl phthalate	50.0	44.7		ug/L		89	66 - 110	2	20
2,4-Dinitrophenol	50.0	50.5		ug/L		101	46 - 129	4	20
Acenaphthylene	50.0	41.2		ug/L		82	56 - 102	1	20
2,4-Dinitrotoluene	50.0	51.2		ug/L		102	66 - 118	4	20
Acenaphthene	50.0	40.1		ug/L		80	54 - 107	1	20
Dibenzofuran	50.0	40.0		ug/L		80	56 - 105	2	20
4-Nitrophenol	50.0	20.3		ug/L		41	20 - 100	6	20
Fluorene	50.0	42.2		ug/L		84	56 - 111	1	20
4-Nitroaniline	50.0	51.5		ug/L		103	64 - 122	4	20
4-Bromophenyl phenyl ether	50.0	47.0		ug/L		94	64 - 116	1	20
Hexachlorobenzene	50.0	51.1		ug/L		102	66 - 119	3	20
Diethyl phthalate	50.0	46.2		ug/L		92	67 - 112	2	20
4-Chlorophenyl phenyl ether	50.0	42.1		ug/L		84	60 - 108	1	20
Pentachlorophenol	50.0	43.6		ug/L		87	47 - 133	2	20
N-Nitrosodiphenylamine	50.0	45.8		ug/L		92	69 - 118	1	20
4,6-Dinitro-2-methylphenol	50.0	54.7		ug/L		109	66 - 123	1	20
Phenanthrene	50.0	41.8		ug/L		84	64 - 114	2	20
Anthracene	50.0	43.1		ug/L		86	60 - 116	0	20

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

Lab Sample ID: LCSD 500-136837/3-A
Matrix: Water
Analysis Batch: 136946

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 136837

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Carbazole			50.0	44.5		ug/L		89	69 - 115	3	20
Di-n-butyl phthalate			50.0	45.8		ug/L		92	66 - 120	0	20
Fluoranthene			50.0	45.8		ug/L		92	66 - 122	1	20
Pyrene			50.0	43.7		ug/L		87	62 - 123	1	20
Butyl benzyl phthalate			50.0	44.4		ug/L		89	72 - 123	2	20
Benzo[a]anthracene			50.0	45.2		ug/L		90	70 - 116	1	20
Chrysene			50.0	44.1		ug/L		88	64 - 121	0	20
3,3'-Dichlorobenzidine			50.0	40.1		ug/L		80	64 - 112	1	20
Bis(2-ethylhexyl) phthalate			50.0	40.7		ug/L		81	69 - 120	1	20
Di-n-octyl phthalate			50.0	49.3		ug/L		99	53 - 132	2	20
Benzo[b]fluoranthene			50.0	49.1		ug/L		98	57 - 125	0	20
Benzo[k]fluoranthene			50.0	48.7		ug/L		97	46 - 134	5	20
Benzo[a]pyrene			50.0	49.9		ug/L		100	59 - 127	3	20
Indeno[1,2,3-cd]pyrene			50.0	53.3		ug/L		107	63 - 136	2	20
Dibenz(a,h)anthracene			50.0	46.5		ug/L		93	62 - 135	3	20
Benzo[g,h,i]perylene			50.0	49.8		ug/L		100	64 - 133	1	20
3 & 4 Methylphenol			50.0	28.4		ug/L		57	44 - 100	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2-Fluorophenol	*48*		*20 - 100*
Phenol-d5	*34*		*20 - 100*
Nitrobenzene-d5	*80*		*39 - 110*
2-Fluorobiphenyl	*85*		*44 - 110*
2,4,6-Tribromophenol	*106*		*46 - 126*
Terphenyl-d14	*98*		*52 - 131*

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

Lab Sample ID: MB 500-136866/1-A
Matrix: Water
Analysis Batch: 136991

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 136866

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.050		0.50	0.050	ug/L		12/27/11 11:49	12/28/11 12:55	1
PCB-1221	<0.17		0.50	0.17	ug/L		12/27/11 11:49	12/28/11 12:55	1
PCB-1232	<0.16		0.50	0.16	ug/L		12/27/11 11:49	12/28/11 12:55	1
PCB-1242	<0.13		0.50	0.13	ug/L		12/27/11 11:49	12/28/11 12:55	1
PCB-1248	<0.15		0.50	0.15	ug/L		12/27/11 11:49	12/28/11 12:55	1
PCB-1254	<0.10		0.50	0.10	ug/L		12/27/11 11:49	12/28/11 12:55	1
PCB-1260	<0.077		0.50	0.077	ug/L		12/27/11 11:49	12/28/11 12:55	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*101*		*43 - 111*	*12/27/11 11:49*	*12/28/11 12:55*	*1*
DCB Decachlorobiphenyl	*99*		*24 - 131*	*12/27/11 11:49*	*12/28/11 12:55*	*1*

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

Lab Sample ID: LCS 500-136866/2-A
Matrix: Water
Analysis Batch: 136991

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 136866

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
PCB-1016			5.00	4.23		ug/L		85	59 - 113		
PCB-1260			5.00	3.97		ug/L		79	54 - 110		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*97*		*43 - 111*
DCB Decachlorobiphenyl	*59*		*24 - 131*

Lab Sample ID: LCSD 500-136866/3-A
Matrix: Water
Analysis Batch: 136991

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 136866

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016			5.00	4.24		ug/L		85	59 - 113	0	20
PCB-1260			5.00	4.08		ug/L		82	54 - 110	3	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Tetrachloro-m-xylene	*96*		*43 - 111*
DCB Decachlorobiphenyl	*61*		*24 - 131*

Method: 6020 - Metals (ICP/MS)

Lab Sample ID: MB 500-136942/1-A
Matrix: Water
Analysis Batch: 137399

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 136942

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.14		1.0	0.14	ug/L		12/28/11 08:30	01/04/12 19:23	1
Barium	<0.40		2.5	0.40	ug/L		12/28/11 08:30	01/04/12 19:23	1
Cadmium	<0.12	^	0.50	0.12	ug/L		12/28/11 08:30	01/04/12 19:23	1
Chromium	<0.59		5.0	0.59	ug/L		12/28/11 08:30	01/04/12 19:23	1
Lead	<0.13		0.50	0.13	ug/L		12/28/11 08:30	01/04/12 19:23	1
Selenium	<0.37		2.5	0.37	ug/L		12/28/11 08:30	01/04/12 19:23	1
Silver	<0.11		0.50	0.11	ug/L		12/28/11 08:30	01/04/12 19:23	1

Lab Sample ID: LCS 500-136942/2-A
Matrix: Water
Analysis Batch: 137399

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 136942

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Arsenic			100	105		ug/L		105	80 - 120		
Barium			500	495		ug/L		99	80 - 120		
Cadmium			50.0	50.6	^	ug/L		101	80 - 120		
Chromium			200	226		ug/L		113	80 - 120		
Lead			100	93.5		ug/L		94	80 - 120		
Selenium			100	96.4		ug/L		96	80 - 120		
Silver			50.0	52.1		ug/L		104	80 - 120		

Method: 6020 - Metals (ICP/MS) (Continued)

Lab Sample ID: 610-696-4 MS
Matrix: Ground Water
Analysis Batch: 137399

Client Sample ID: P-103
Prep Type: Dissolved
Prep Batch: 136942

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	<0.14		100	103		ug/L		103	75 - 125
Barium	26		500	548		ug/L		104	75 - 125
Cadmium	<0.12	^	50.0	51.0	^	ug/L		102	75 - 125
Chromium	<0.59		200	207		ug/L		104	75 - 125
Lead	<0.13		100	91.4		ug/L		91	75 - 125
Selenium	<0.37		100	94.8		ug/L		95	75 - 125
Silver	<0.11		50.0	50.4		ug/L		101	75 - 125

Lab Sample ID: 610-696-4 MSD
Matrix: Ground Water
Analysis Batch: 137399

Client Sample ID: P-103
Prep Type: Dissolved
Prep Batch: 136942

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	<0.14		100	103		ug/L		103	75 - 125	0	20
Barium	26		500	542		ug/L		103	75 - 125	1	20
Cadmium	<0.12	^	50.0	50.7	^	ug/L		101	75 - 125	0	20
Chromium	<0.59		200	211		ug/L		105	75 - 125	2	20
Lead	<0.13		100	91.8		ug/L		92	75 - 125	0	20
Selenium	<0.37		100	94.5		ug/L		94	75 - 125	0	20
Silver	<0.11		50.0	51.0		ug/L		102	75 - 125	1	20

Lab Sample ID: 610-696-4 DU
Matrix: Ground Water
Analysis Batch: 137399

Client Sample ID: P-103
Prep Type: Dissolved
Prep Batch: 136942

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Arsenic	<0.14		<0.14		ug/L		NC	20
Barium	26		26.5		ug/L		2	20
Cadmium	<0.12	^	<0.12	^	ug/L		NC	20
Chromium	<0.59		<0.59		ug/L		NC	20
Lead	<0.13		<0.13		ug/L		NC	20
Selenium	<0.37		<0.37		ug/L		NC	20
Silver	<0.11		<0.11		ug/L		NC	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 500-136901/7-A
Matrix: Water
Analysis Batch: 137012

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 136901

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.070		0.20	0.070	ug/L		12/27/11 12:50	12/28/11 11:56	1

Lab Sample ID: LCS 500-136901/8-A
Matrix: Water
Analysis Batch: 137012

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 136901

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	2.00	1.84		ug/L		92	80 - 120

GC/MS VOA

Analysis Batch: 1108

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
610-696-1	MW-101	Total/NA	Ground Water	8260B	
610-696-3	MW-107	Total/NA	Ground Water	8260B	
610-696-4	P-103	Total/NA	Ground Water	8260B	
610-696-5	TB-2	Total/NA	Water	8260B	
610-696-6	P-103 Dup	Total/NA	Ground Water	8260B	
LCS 610-1108/1	Lab Control Sample	Total/NA	Water	8260B	
MB 610-1108/4	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 1127

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
610-696-3 - DL	MW-107	Total/NA	Ground Water	8260B	
LCS 610-1127/1	Lab Control Sample	Total/NA	Water	8260B	
MB 610-1127/6	Method Blank	Total/NA	Water	8260B	

GC/MS Semi VOA

Prep Batch: 136837

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
610-696-1	MW-101	Total/NA	Ground Water	3510C	
610-696-2	P-103	Total/NA	Ground Water	3510C	
610-696-3	MW-107	Total/NA	Ground Water	3510C	
610-696-3 - DL	MW-107	Total/NA	Ground Water	3510C	
610-696-7	P-103 Dup	Total/NA	Ground Water	3510C	
LCS 500-136837/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 500-136837/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
MB 500-136837/1-A	Method Blank	Total/NA	Water	3510C	

Analysis Batch: 136946

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
610-696-1	MW-101	Total/NA	Ground Water	8270C	136837
610-696-2	P-103	Total/NA	Ground Water	8270C	136837
610-696-3	MW-107	Total/NA	Ground Water	8270C	136837
610-696-7	P-103 Dup	Total/NA	Ground Water	8270C	136837
LCS 500-136837/2-A	Lab Control Sample	Total/NA	Water	8270C	136837
LCSD 500-136837/3-A	Lab Control Sample Dup	Total/NA	Water	8270C	136837
MB 500-136837/1-A	Method Blank	Total/NA	Water	8270C	136837

Analysis Batch: 137069

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
610-696-3 - DL	MW-107	Total/NA	Ground Water	8270C	136837

GC Semi VOA

Prep Batch: 136866

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
610-696-1	MW-101	Total/NA	Ground Water	3510C	
610-696-3	MW-107	Total/NA	Ground Water	3510C	
610-696-4	P-103	Total/NA	Ground Water	3510C	
LCS 500-136866/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 500-136866/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
MB 500-136866/1-A	Method Blank	Total/NA	Water	3510C	

GC Semi VOA (Continued)

Analysis Batch: 136991

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
610-696-1	MW-101	Total/NA	Ground Water	8082	136866
610-696-3	MW-107	Total/NA	Ground Water	8082	136866
610-696-4	P-103	Total/NA	Ground Water	8082	136866
LCS 500-136866/2-A	Lab Control Sample	Total/NA	Water	8082	136866
LCSD 500-136866/3-A	Lab Control Sample Dup	Total/NA	Water	8082	136866
MB 500-136866/1-A	Method Blank	Total/NA	Water	8082	136866

Metals

Prep Batch: 136901

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
610-696-1	MW-101	Dissolved	Ground Water	7470A	
610-696-3	MW-107	Dissolved	Ground Water	7470A	
610-696-4	P-103	Dissolved	Ground Water	7470A	
LCS 500-136901/8-A	Lab Control Sample	Total/NA	Water	7470A	
MB 500-136901/7-A	Method Blank	Total/NA	Water	7470A	

Prep Batch: 136942

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
610-696-1	MW-101	Dissolved	Ground Water	3005A	
610-696-3	MW-107	Dissolved	Ground Water	3005A	
610-696-4	P-103	Dissolved	Ground Water	3005A	
610-696-4 DU	P-103	Dissolved	Ground Water	3005A	
610-696-4 MS	P-103	Dissolved	Ground Water	3005A	
610-696-4 MSD	P-103	Dissolved	Ground Water	3005A	
LCS 500-136942/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
MB 500-136942/1-A	Method Blank	Total Recoverable	Water	3005A	

Analysis Batch: 137012

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
610-696-1	MW-101	Dissolved	Ground Water	7470A	136901
610-696-3	MW-107	Dissolved	Ground Water	7470A	136901
610-696-4	P-103	Dissolved	Ground Water	7470A	136901
LCS 500-136901/8-A	Lab Control Sample	Total/NA	Water	7470A	136901
MB 500-136901/7-A	Method Blank	Total/NA	Water	7470A	136901

Analysis Batch: 137399

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
610-696-1	MW-101	Dissolved	Ground Water	6020	136942
610-696-3	MW-107	Dissolved	Ground Water	6020	136942
610-696-4	P-103	Dissolved	Ground Water	6020	136942
610-696-4 DU	P-103	Dissolved	Ground Water	6020	136942
610-696-4 MS	P-103	Dissolved	Ground Water	6020	136942
610-696-4 MSD	P-103	Dissolved	Ground Water	6020	136942
LCS 500-136942/2-A	Lab Control Sample	Total Recoverable	Water	6020	136942
MB 500-136942/1-A	Method Blank	Total Recoverable	Water	6020	136942

Lab Chronicle

Client: Tetra Tech GEO
Project/Site: Beazer - Wabach Alloys 117-2201257.02

TestAmerica Job ID: 610-696-1

Client Sample ID: MW-101

Lab Sample ID: 610-696-1

Date Collected: 12/22/11 09:25

Matrix: Ground Water

Date Received: 12/23/11 13:04

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	1108	12/27/11 23:47	ME	TAL WAT
Total/NA	Prep	3510C			136837	12/27/11 08:20	AW	TAL CHI
Total/NA	Analysis	8270C		1	136946	12/28/11 20:14	DA	TAL CHI
Total/NA	Prep	3510C			136866	12/27/11 11:49	AW	TAL CHI
Total/NA	Analysis	8082		1	136991	12/28/11 13:38	GMO	TAL CHI
Dissolved	Prep	7470A			136901	12/27/11 12:50	MBG	TAL CHI
Dissolved	Analysis	7470A		1	137012	12/28/11 12:10	MBG	TAL CHI
Dissolved	Prep	3005A			136942	12/28/11 08:30	PJ	TAL CHI
Dissolved	Analysis	6020		1	137399	01/04/12 19:31	PFK	TAL CHI

Client Sample ID: P-103

Lab Sample ID: 610-696-2

Date Collected: 12/22/11 10:20

Matrix: Ground Water

Date Received: 12/23/11 13:04

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			136837	12/27/11 08:20	AW	TAL CHI
Total/NA	Analysis	8270C		1	136946	12/28/11 20:37	DA	TAL CHI

Client Sample ID: MW-107

Lab Sample ID: 610-696-3

Date Collected: 12/22/11 12:10

Matrix: Ground Water

Date Received: 12/23/11 13:04

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		100	1108	12/28/11 01:07	ME	TAL WAT
Total/NA	Analysis	8260B	DL	200	1127	12/29/11 00:36	ME	TAL WAT
Total/NA	Prep	3510C			136837	12/27/11 08:20	AW	TAL CHI
Total/NA	Analysis	8270C		10	136946	12/28/11 21:00	DA	TAL CHI
Total/NA	Prep	3510C	DL		136837	12/27/11 08:20	AW	TAL CHI
Total/NA	Analysis	8270C	DL	500	137069	12/29/11 20:10	JB	TAL CHI
Total/NA	Prep	3510C			136866	12/27/11 11:49	AW	TAL CHI
Total/NA	Analysis	8082		1	136991	12/28/11 13:53	GMO	TAL CHI
Dissolved	Prep	7470A			136901	12/27/11 12:50	MBG	TAL CHI
Dissolved	Analysis	7470A		1	137012	12/28/11 12:13	MBG	TAL CHI
Dissolved	Prep	3005A			136942	12/28/11 08:30	PJ	TAL CHI
Dissolved	Analysis	6020		1	137399	01/04/12 19:28	PFK	TAL CHI

Client Sample ID: P-103

Lab Sample ID: 610-696-4

Date Collected: 12/22/11 13:10

Matrix: Ground Water

Date Received: 12/23/11 13:04

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	1108	12/28/11 00:14	ME	TAL WAT
Total/NA	Prep	3510C			136866	12/27/11 11:49	AW	TAL CHI
Total/NA	Analysis	8082		1	136991	12/28/11 14:07	GMO	TAL CHI

Lab Chronicle

Client: Tetra Tech GEO
Project/Site: Beazer - Wabach Alloys 117-2201257.02

TestAmerica Job ID: 610-696-1

Client Sample ID: P-103
Date Collected: 12/22/11 13:10
Date Received: 12/23/11 13:04

Lab Sample ID: 610-696-4
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	7470A			136901	12/27/11 12:50	MBG	TAL CHI
Dissolved	Analysis	7470A		1	137012	12/28/11 12:26	MBG	TAL CHI
Dissolved	Prep	3005A			136942	12/28/11 08:30	PJ	TAL CHI
Dissolved	Analysis	6020		1	137399	01/04/12 19:39	PFK	TAL CHI

Client Sample ID: TB-2
Date Collected: 12/22/11 00:00
Date Received: 12/23/11 13:04

Lab Sample ID: 610-696-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	1108	12/27/11 19:49	ME	TAL WAT

Client Sample ID: P-103 Dup
Date Collected: 12/22/11 13:20
Date Received: 12/23/11 13:04

Lab Sample ID: 610-696-6
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	1108	12/28/11 00:41	ME	TAL WAT

Client Sample ID: P-103 Dup
Date Collected: 12/22/11 10:25
Date Received: 12/23/11 13:04

Lab Sample ID: 610-696-7
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			136837	12/27/11 08:20	AW	TAL CHI
Total/NA	Analysis	8270C		1	136946	12/28/11 21:23	DA	TAL CHI

Laboratory References:

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

TAL WAT = TestAmerica Watertown, 1101 Industrial Drive, Watertown, WI 53094, TEL (920)261-1660

Certification Summary

Client: Tetra Tech GEO
Project/Site: Beazer - Wabach Alloys 117-2201257.02

TestAmerica Job ID: 610-696-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Watertown		WI Dept of Agriculture (Micro)		105-266
TestAmerica Watertown	Illinois	NELAC	5	100453
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: Beazer - Wabach Alloys 117-2201257.02

TestAmerica Job ID: 610-696-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL WAT
8270C	Semivolatile Organic Compounds (GC/MS)	SW846	TAL CHI
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL CHI
6020	Metals (ICP/MS)	SW846	TAL CHI
7470A	Mercury (CVAA)	SW846	TAL CHI

Protocol References:

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 WAT = TestAmerica Watertown, 1101 Industrial Drive, Watertown, WI 53094, TEL (920)261-1660

Sample Summary

Client: Tetra Tech GEO
Project/Site: Beazer - Wabach Alloys 117-2201257.02

TestAmerica Job ID: 610-696-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
610-696-1	MW-101	Ground Water	12/22/11 09:25	12/23/11 13:04
610-696-2	P-103	Ground Water	12/22/11 10:20	12/23/11 13:04
610-696-3	MW-107	Ground Water	12/22/11 12:10	12/23/11 13:04
610-696-4	P-103	Ground Water	12/22/11 13:10	12/23/11 13:04
610-696-5	TB-2	Water	12/22/11 00:00	12/23/11 13:04
610-696-6	P-103 Dup	Ground Water	12/22/11 13:20	12/23/11 13:04
610-696-7	P-103 Dup	Ground Water	12/22/11 10:25	12/23/11 13:04

610-696

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Watertown Division
602 Commerce Drive
Watertown, WI 53094

Phone 920-261-1660 or 800-833-7036
Fax 920-261-8120

To assist us in using the proper analytical methods, is this work being conducted for regulatory purposes?
Compliance Monitoring

Client Name: TetraTech GEO Client #:
Address: 175 N. Corporate Dr. Suite 100
City/State/Zip Code: Brookfield, WI 53045
Project Manager: Mike Noel
Telephone Number: (262)792-1282 Fax: (262)792-1310
Sampler Name: (Print Name) Ashley A. Weimer
Sampler Signature: Ashley A. Weimer

Project Name: Bearer Oak Creek - Wabash Alloys
Project #: 117-201257.02
Site/Location ID: Oak Creek State: WI
Report To: Mike Noel
Invoice To: TetraTech GEO
Quote #: PO#:

E-mail address:

TAT: X Standard; ___ Rush (surcharges may apply)
Date Needed: Standard
Fax Results: Y N
E-mail: Y N

	SAMPLE ID	Date Sampled	Time Sampled	G = Grab, C = Composite	Field Filtered	Matrix: SL - Sludge DW - Drinking Water GW - Groundwater S - Soil/Solid WW - Wastewater Specify Other	Preservation & # of Containers: HNO_3	HCl	NaOH	H_2SO_4	Methanol	None	Other (Specify)	Analyze For: SVOC	PAH	VOC	Metals	PCBs	REMARKS
1	MW-101	12-22-11	09:25	G	Y/N	GW	500	3				F			✓	✓	✓	✓	✓	
2	P-103		10:20									2		✓					
3	MW-107		12:10					3				4			✓	✓	✓	✓	
4	P-103		13:10					3				2				✓	✓	✓	
5	TB-2	—	—	↓	↓	DI		1								✓			Lab prepared
6	P-103 DUP	12-22-11	13:20	↓	↓	GW		3								✓			
7	P-103 DUP	↓	10:25	↓	↓	↓						2		✓					

QC Deliverables: ___ None; ___ Level 2 (Batch QC); ___ Level 3; ___ Level 4; ___ Other:

Special Instructions:

Relinquished By: Ashley A. Weimer	Date: 12-23-11	Time: 0800	Received By: Roy Wray	Date: 12/23/11	Time: 1110
Relinquished By: Roy Wray	Date: 12/23/11	Time: 1235	Received By: Danica H	Date: 12/23	Time: 1304
Relinquished By:	Date:	Time:	Received By:	Date:	Time:

LABORATORY COMMENTS:
Init Lab Temp: 3.1 °C
Rec Lab Temp:
Custody Seals: Y (N) N/A
Bottles Supplied by TestAmerica: (Y) N
Method of Shipment: TK

TAL-0020 (1207)

1/6/2012

Login Sample Receipt Checklist

Client: Tetra Tech GEO

Job Number: 610-696-1

Login Number: 696

List Number: 1

Creator: Herritz, Danica

List Source: TestAmerica Watertown

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	N/A	
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	3.1
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 sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Tetra Tech GEO

Job Number: 610-696-1

Login Number: 696
List Number: 1
Creator: Kelsey, Shawn M

List Source: TestAmerica Chicago
List Creation: 12/24/11 10:08 AM

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
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 Watertown
1101 Industrial Drive
Watertown, WI 53094
Tel: (920)261-1660

TestAmerica Job ID: 610-778-1
Client Project/Site: Beazer Wabash Alloys 117-2201257.02

For:
Tetra Tech GEO
175 N Corporate Drive
Suite 100
Brookfield, Wisconsin 53045

Attn: Michael Noel

Authorized for release by:
1/12/2012 12:47:57 PM
Brian DeJong
Project Manager I
brian.dejong@testamericainc.com

Designee for

Dan Milewsky
Project Manager II
dan.milewsky@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

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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Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
*	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.
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.
B	Compound was found in the blank and sample.
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

Metals

Qualifier	Qualifier Description
^	ICV,CCV,ICB,CCB, ISA, ISB, CRI, CRA, DLCK or MRL standard: Instrument related QC exceeds the control limits.
F	MS or MSD exceeds the control limits
F	RPD of the MS and MSD exceeds the control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

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

Job ID: 610-778-1

Laboratory: TestAmerica Watertown

Narrative

Job Narrative
610-778-1

Comments
No additional comments.

Receipt
All samples were received in good condition within temperature requirements.

GC/MS VOA
Method(s) 8260B: The laboratory control sample (LCS) for batch 1144 exceeded control limits for the following analytes: Dichlorofluoromethane. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method(s) 8260B: A full list spike was utilized for this method. Due to the large number of spiked analytes, there is a high probability that one or more analytes will recover outside acceptance limits. The laboratory's SOP allows for 20% of target analytes to recover outside criteria for this method when a full list spike is utilized. The MS associated with batch 1144 had 3 analyte(s) outside control limits; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

Method(s) 8260B: The method blank for batch 1144 contained Naphthalene above the method detection limit (MDL). This target analyte concentration was less than one-half the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

No other analytical or quality issues were noted.

GC/MS Semi VOA
Method(s) 8270C: MB 500-137257/1-A had a hit for Naphthalene that was > the MDL, but < the RL. Samples that contained hits for this analyte were flagged with a "B". No further action was taken.MW-1 (610-778-4), MW-108 (610-778-1), MW-117 (610-778-2), MW-2 (610-778-3)

Method(s) 8270C: The following sample was diluted due to the abundance of target and non-target analytes: MW-117 (610-778-2). Elevated reporting limits (RLs) are provided.

Method(s) 8270C: Due to the level of dilution required for the following samples (610-778-2 and 610-778-3 DL), surrogate recoveries are not reported: MW-117 (610-778-2), MW-2 (610-778-3).

Method(s) 8270C: 610-778-3 had Nitrobenzene-d5 at 117% (39%-110%). All other surrogate recoveries were within limits. No further action was required.MW-2 (610-778-3)

No other analytical or quality issues were noted.

No other analytical or quality issues were noted.

Metals
Method(s) 6020: The ICSA for batch 137399 exceeded the acceptance limits for element: Cd. The sample results were below the RL. The samples, therefore, have been reported.

Method(s) 7470A: The matrix spike duplicate (MSD) recovery for sample 610-778-3 was outside control limits for Hg. The associated laboratory control sample (LCS) recovery met acceptance criteria.

No other analytical or quality issues were noted.

Job ID: 610-778-1 (Continued)

Laboratory: TestAmerica Watertown (Continued)

Field Service / Mobile Lab
No analytical or quality issues were noted.

Organic Prep
Method(s) 3510C: 3510 8015

Due to the matrix, the following sample(s) could not be concentrated to the final method required volume: MW-117 (610-778-2). The reporting limits (RLs) are elevated proportionately.

No other analytical or quality issues were noted.

VOA Prep
No analytical or quality issues were noted.

Detection Summary

Client: Tetra Tech GEO
Project/Site: Beazer Wabash Alloys 117-2201257.02

TestAmerica Job ID: 610-778-1

Client Sample ID: MW-108 — Lab Sample ID: 610-778-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	8.2		0.93	0.34	ug/L	1		8270C	Total/NA
Anthracene	0.53	J	0.93	0.30	ug/L	1		8270C	Total/NA
Benzo[a]anthracene	0.36		0.19	0.041	ug/L	1		8270C	Total/NA
Benzo[a]pyrene	0.31		0.19	0.052	ug/L	1		8270C	Total/NA
Benzo[b]fluoranthene	0.38		0.19	0.054	ug/L	1		8270C	Total/NA
Benzo[k]fluoranthene	0.18	J	0.19	0.069	ug/L	1		8270C	Total/NA
Chrysene	0.29	J	0.47	0.13	ug/L	1		8270C	Total/NA
Fluoranthene	1.3		0.93	0.30	ug/L	1		8270C	Total/NA
Fluorene	3.3		0.93	0.36	ug/L	1		8270C	Total/NA
Indeno[1,2,3-cd]pyrene	0.17	J	0.19	0.079	ug/L	1		8270C	Total/NA
Naphthalene	26	B	0.93	0.28	ug/L	1		8270C	Total/NA
Phenanthrene	0.75	J	0.93	0.33	ug/L	1		8270C	Total/NA
Pyrene	0.96		0.93	0.45	ug/L	1		8270C	Total/NA
2-Methylnaphthalene	0.23	J	0.47	0.12	ug/L	1		8270C	Total/NA
1-Methylnaphthalene	5.2		0.93	0.93	ug/L	1		8270C	Total/NA

Client Sample ID: MW-117 — Lab Sample ID: 610-778-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	500		470	170	ug/L	100		8270C	Total/NA
Benzo[a]anthracene	45	J	93	21	ug/L	100		8270C	Total/NA
Benzo[a]pyrene	30	J	93	26	ug/L	100		8270C	Total/NA
Benzo[b]fluoranthene	34	J	93	27	ug/L	100		8270C	Total/NA
Fluoranthene	180	J	470	150	ug/L	100		8270C	Total/NA
Fluorene	360	J	470	180	ug/L	100		8270C	Total/NA
Naphthalene	20000	B	470	140	ug/L	100		8270C	Total/NA
Phenanthrene	480		470	160	ug/L	100		8270C	Total/NA
2-Methylnaphthalene	3600		230	61	ug/L	100		8270C	Total/NA
1-Methylnaphthalene	1900		470	470	ug/L	100		8270C	Total/NA

Client Sample ID: MW-2 — Lab Sample ID: 610-778-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	110		4.0	0.40	ug/L	2		8260B	Total/NA
Ethylbenzene	180		4.0	1.0	ug/L	2		8260B	Total/NA
Isopropylbenzene	18		4.0	0.40	ug/L	2		8260B	Total/NA
Naphthalene	5800	B	500	25	ug/L	100		8260B	Total/NA
N-Propylbenzene	6.0		4.0	1.0	ug/L	2		8260B	Total/NA
Styrene	14		10	1.0	ug/L	2		8260B	Total/NA
Toluene	53		4.0	1.0	ug/L	2		8260B	Total/NA
1,2,4-Trimethylbenzene	210		4.0	0.40	ug/L	2		8260B	Total/NA
1,3,5-Trimethylbenzene	34		4.0	0.40	ug/L	2		8260B	Total/NA
Xylenes, Total	470		12	1.0	ug/L	2		8260B	Total/NA
Acenaphthene	70		0.93	0.34	ug/L	1		8270C	Total/NA
Acenaphthylene	14		0.93	0.30	ug/L	1		8270C	Total/NA
Anthracene	2.3		0.93	0.30	ug/L	1		8270C	Total/NA
Benzo[a]anthracene	1.0		0.19	0.041	ug/L	1		8270C	Total/NA
Benzo[a]pyrene	0.60		0.19	0.052	ug/L	1		8270C	Total/NA
Benzo[b]fluoranthene	0.85		0.19	0.054	ug/L	1		8270C	Total/NA
Benzo[k]fluoranthene	0.35		0.19	0.069	ug/L	1		8270C	Total/NA
Chrysene	0.82		0.47	0.13	ug/L	1		8270C	Total/NA
Dibenz(a,h)anthracene	0.12	J	0.28	0.060	ug/L	1		8270C	Total/NA
Fluoranthene	7.0		0.93	0.30	ug/L	1		8270C	Total/NA
Fluorene	26		0.93	0.36	ug/L	1		8270C	Total/NA

Client Sample ID: MW-2 (Continued) — Lab Sample ID: 610-778-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Indeno[1,2,3-cd]pyrene	0.29		0.19	0.079	ug/L	1		8270C	Total/NA
Phenanthrene	32		0.93	0.33	ug/L	1		8270C	Total/NA
Pyrene	4.0		0.93	0.45	ug/L	1		8270C	Total/NA
2-Methylnaphthalene	39		0.47	0.12	ug/L	1		8270C	Total/NA
Naphthalene - DL	2900	B	47	14	ug/L	50		8270C	Total/NA
1-Methylnaphthalene - DL	230		47	47	ug/L	50		8270C	Total/NA
Arsenic	2.8		1.0	0.14	ug/L	1		6020	Dissolved
Barium	130		2.5	0.40	ug/L	1		6020	Dissolved

Client Sample ID: MW-1 — Lab Sample ID: 610-778-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	0.12	J	0.19	0.041	ug/L	1		8270C	Total/NA
Benzo[a]pyrene	0.13	J	0.19	0.052	ug/L	1		8270C	Total/NA
Benzo[b]fluoranthene	0.16	J	0.19	0.054	ug/L	1		8270C	Total/NA

Client Sample ID: MW-108 — Lab Sample ID: 610-778-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	0.62	J	2.0	0.50	ug/L	1		8260B	Total/NA
Naphthalene	63	B	5.0	0.25	ug/L	1		8260B	Total/NA
1,2,4-Trimethylbenzene	1.5	J	2.0	0.20	ug/L	1		8260B	Total/NA
1,3,5-Trimethylbenzene	0.55	J	2.0	0.20	ug/L	1		8260B	Total/NA
Xylenes, Total	1.0	J	6.0	0.50	ug/L	1		8260B	Total/NA
Arsenic	0.83	J	1.0	0.14	ug/L	1		6020	Dissolved
Barium	130		2.5	0.40	ug/L	1		6020	Dissolved

Client Sample ID: MW-117 — Lab Sample ID: 610-778-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	3800		160	16	ug/L	80		8260B	Total/NA
Ethylbenzene	410		160	40	ug/L	80		8260B	Total/NA
Isopropylbenzene	24	J	160	16	ug/L	80		8260B	Total/NA
Naphthalene	26000	B	2000	100	ug/L	400		8260B	Total/NA
Styrene	110	J	400	40	ug/L	80		8260B	Total/NA
Toluene	3300		160	40	ug/L	80		8260B	Total/NA
1,2,4-Trimethylbenzene	520		160	16	ug/L	80		8260B	Total/NA
1,3,5-Trimethylbenzene	220		160	16	ug/L	80		8260B	Total/NA
Xylenes, Total	2300		480	40	ug/L	80		8260B	Total/NA
Arsenic	2.8		1.0	0.14	ug/L	1		6020	Dissolved
Barium	250		2.5	0.40	ug/L	1		6020	Dissolved
Chromium	0.73	J	5.0	0.59	ug/L	1		6020	Dissolved
Lead	0.18	J	0.50	0.13	ug/L	1		6020	Dissolved
Selenium	3.0		2.5	0.37	ug/L	1		6020	Dissolved

Client Sample ID: TRIP BLANK — Lab Sample ID: 610-778-7

No Detections

Client Sample ID: MW-108

Date Collected: 12/28/11 10:20
Date Received: 12/29/11 12:33

Lab Sample ID: 610-778-1
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**8.2**		0.93	0.34	ug/L		01/03/12 09:15	01/04/12 16:26	1
Acenaphthylene	<0.30		0.93	0.30	ug/L		01/03/12 09:15	01/04/12 16:26	1
Anthracene	**0.53**	**J**	0.93	0.30	ug/L		01/03/12 09:15	01/04/12 16:26	1
Benzo[a]anthracene	**0.36**		0.19	0.041	ug/L		01/03/12 09:15	01/04/12 16:26	1
Benzo[a]pyrene	**0.31**		0.19	0.052	ug/L		01/03/12 09:15	01/04/12 16:26	1
Benzo[b]fluoranthene	**0.38**		0.19	0.054	ug/L		01/03/12 09:15	01/04/12 16:26	1
Benzo[g,h,i]perylene	<0.39		0.93	0.39	ug/L		01/03/12 09:15	01/04/12 16:26	1
Benzo[k]fluoranthene	**0.18**	**J**	0.19	0.069	ug/L		01/03/12 09:15	01/04/12 16:26	1
Chrysene	**0.29**	**J**	0.47	0.13	ug/L		01/03/12 09:15	01/04/12 16:26	1
Dibenz(a,h)anthracene	<0.060		0.28	0.060	ug/L		01/03/12 09:15	01/04/12 16:26	1
Fluoranthene	**1.3**		0.93	0.30	ug/L		01/03/12 09:15	01/04/12 16:26	1
Fluorene	**3.3**		0.93	0.36	ug/L		01/03/12 09:15	01/04/12 16:26	1
Indeno[1,2,3-cd]pyrene	**0.17**	**J**	0.19	0.079	ug/L		01/03/12 09:15	01/04/12 16:26	1
Naphthalene	**26**	**B**	0.93	0.28	ug/L		01/03/12 09:15	01/04/12 16:26	1
Phenanthrene	**0.75**	**J**	0.93	0.33	ug/L		01/03/12 09:15	01/04/12 16:26	1
Pyrene	**0.96**		0.93	0.45	ug/L		01/03/12 09:15	01/04/12 16:26	1
2-Methylnaphthalene	**0.23**	**J**	0.47	0.12	ug/L		01/03/12 09:15	01/04/12 16:26	1
1-Methylnaphthalene	**5.2**		0.93	0.93	ug/L		01/03/12 09:15	01/04/12 16:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*77*		*44 - 110*	*01/03/12 09:15*	*01/04/12 16:26*	*1*
Nitrobenzene-d5	*71*		*39 - 110*	*01/03/12 09:15*	*01/04/12 16:26*	*1*
Terphenyl-d14	*67*		*52 - 131*	*01/03/12 09:15*	*01/04/12 16:26*	*1*

Client Sample ID: MW-117

Date Collected: 12/28/11 10:50
Date Received: 12/29/11 12:33

Lab Sample ID: 610-778-2
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**500**		470	170	ug/L		01/03/12 09:15	01/04/12 16:48	100
Acenaphthylene	<150		470	150	ug/L		01/03/12 09:15	01/04/12 16:48	100
Anthracene	<150		470	150	ug/L		01/03/12 09:15	01/04/12 16:48	100
Benzo[a]anthracene	**45**	**J**	93	21	ug/L		01/03/12 09:15	01/04/12 16:48	100
Benzo[a]pyrene	**30**	**J**	93	26	ug/L		01/03/12 09:15	01/04/12 16:48	100
Benzo[b]fluoranthene	**34**	**J**	93	27	ug/L		01/03/12 09:15	01/04/12 16:48	100
Benzo[g,h,i]perylene	<200		470	200	ug/L		01/03/12 09:15	01/04/12 16:48	100
Benzo[k]fluoranthene	<35		93	35	ug/L		01/03/12 09:15	01/04/12 16:48	100
Chrysene	<65		230	65	ug/L		01/03/12 09:15	01/04/12 16:48	100
Dibenz(a,h)anthracene	<30		140	30	ug/L		01/03/12 09:15	01/04/12 16:48	100
Fluoranthene	**180**	**J**	470	150	ug/L		01/03/12 09:15	01/04/12 16:48	100
Fluorene	**360**	**J**	470	180	ug/L		01/03/12 09:15	01/04/12 16:48	100
Indeno[1,2,3-cd]pyrene	<39		93	39	ug/L		01/03/12 09:15	01/04/12 16:48	100
Naphthalene	**20000**	**B**	470	140	ug/L		01/03/12 09:15	01/04/12 16:48	100
Phenanthrene	**480**		470	160	ug/L		01/03/12 09:15	01/04/12 16:48	100
Pyrene	<220		470	220	ug/L		01/03/12 09:15	01/04/12 16:48	100
2-Methylnaphthalene	**3600**		230	61	ug/L		01/03/12 09:15	01/04/12 16:48	100
1-Methylnaphthalene	**1900**		470	470	ug/L		01/03/12 09:15	01/04/12 16:48	100

Client: Tetra Tech GEO
Project/Site: Beazer Wabash Alloys 117-2201257.02

TestAmerica Job ID: 610-778-1

Client Sample ID: MW-117

Date Collected: 12/28/11 10:50
Date Received: 12/29/11 12:33

Lab Sample ID: 610-778-2

Matrix: Ground Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	*0*	*D*	*44 - 110*	*01/03/12 09:15*	*01/04/12 16:48*	*100*
Nitrobenzene-d5	*0*	*D*	*39 - 110*	*01/03/12 09:15*	*01/04/12 16:48*	*100*
Terphenyl-d14	*0*	*D*	*52 - 131*	*01/03/12 09:15*	*01/04/12 16:48*	*100*

Client Sample ID: MW-2

Date Collected: 12/28/11 12:00
Date Received: 12/29/11 12:33

Lab Sample ID: 610-778-3

Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**110**		4.0	0.40	ug/L			12/30/11 09:07	2
Bromobenzene	<0.40		4.0	0.40	ug/L			12/30/11 09:07	2
Bromochloromethane	<1.0		4.0	1.0	ug/L			12/30/11 09:07	2
Bromodichloromethane	<0.40		4.0	0.40	ug/L			12/30/11 09:07	2
Bromoform	<0.40		10	0.40	ug/L			12/30/11 09:07	2
Bromomethane	<1.0		10	1.0	ug/L			12/30/11 09:07	2
n-Butylbenzene	<0.40		4.0	0.40	ug/L			12/30/11 09:07	2
sec-Butylbenzene	<0.50		4.0	0.50	ug/L			12/30/11 09:07	2
tert-Butylbenzene	<0.40		4.0	0.40	ug/L			12/30/11 09:07	2
Carbon tetrachloride	<1.6		4.0	1.6	ug/L			12/30/11 09:07	2
Chlorobenzene	<0.40		4.0	0.40	ug/L			12/30/11 09:07	2
Chlorodibromomethane	<0.40		4.0	0.40	ug/L			12/30/11 09:07	2
Chloroethane	<2.0		10	2.0	ug/L			12/30/11 09:07	2
Chloroform	<0.40		4.0	0.40	ug/L			12/30/11 09:07	2
Chloromethane	<0.60		4.0	0.60	ug/L			12/30/11 09:07	2
2-Chlorotoluene	<1.0		4.0	1.0	ug/L			12/30/11 09:07	2
4-Chlorotoluene	<0.40		4.0	0.40	ug/L			12/30/11 09:07	2
1,2-Dibromo-3-Chloropropane	<1.0		4.0	1.0	ug/L			12/30/11 09:07	2
1,2-Dibromoethane (EDB)	<0.40		4.0	0.40	ug/L			12/30/11 09:07	2
Dibromomethane	<0.40		4.0	0.40	ug/L			12/30/11 09:07	2
1,2-Dichlorobenzene	<0.40		4.0	0.40	ug/L			12/30/11 09:07	2
1,3-Dichlorobenzene	<0.40		4.0	0.40	ug/L			12/30/11 09:07	2
1,4-Dichlorobenzene	<1.0		4.0	1.0	ug/L			12/30/11 09:07	2
Dichlorodifluoromethane	<1.0	*	4.0	1.0	ug/L			12/30/11 09:07	2
1,1-Dichloroethane	<1.0		4.0	1.0	ug/L			12/30/11 09:07	2
1,2-Dichloroethane	<1.0		4.0	1.0	ug/L			12/30/11 09:07	2
1,1-Dichloroethene	<1.0		4.0	1.0	ug/L			12/30/11 09:07	2
cis-1,2-Dichloroethene	<1.0		4.0	1.0	ug/L			12/30/11 09:07	2
trans-1,2-Dichloroethene	<1.0		4.0	1.0	ug/L			12/30/11 09:07	2
1,2-Dichloropropane	<1.0		4.0	1.0	ug/L			12/30/11 09:07	2
1,3-Dichloropropane	<0.50		4.0	0.50	ug/L			12/30/11 09:07	2
2,2-Dichloropropane	<1.0		4.0	1.0	ug/L			12/30/11 09:07	2
1,1-Dichloropropene	<1.0		4.0	1.0	ug/L			12/30/11 09:07	2
cis-1,3-Dichloropropene	<0.40		4.0	0.40	ug/L			12/30/11 09:07	2
trans-1,3-Dichloropropene	<0.40		4.0	0.40	ug/L			12/30/11 09:07	2
Isopropyl ether	<1.0		4.0	1.0	ug/L			12/30/11 09:07	2
Ethylbenzene	**180**		4.0	1.0	ug/L			12/30/11 09:07	2
Hexachlorobutadiene	<1.0		4.0	1.0	ug/L			12/30/11 09:07	2
Isopropylbenzene	**18**		4.0	0.40	ug/L			12/30/11 09:07	2
p-Isopropyltoluene	<0.40		4.0	0.40	ug/L			12/30/11 09:07	2

Client Sample ID: MW-2
Date Collected: 12/28/11 12:00
Date Received: 12/29/11 12:33

Lab Sample ID: 610-778-3
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	<2.0		4.0	2.0	ug/L			12/30/11 09:07	2
Methyl tert-butyl ether	<1.0		4.0	1.0	ug/L			12/30/11 09:07	2
Naphthalene	**5800**	**B**	500	25	ug/L			12/30/11 12:13	100
N-Propylbenzene	**6.0**		4.0	1.0	ug/L			12/30/11 09:07	2
Styrene	**14**		10	1.0	ug/L			12/30/11 09:07	2
1,1,1,2-Tetrachloroethane	<0.50		4.0	0.50	ug/L			12/30/11 09:07	2
1,1,2,2-Tetrachloroethane	<0.40		4.0	0.40	ug/L			12/30/11 09:07	2
Tetrachloroethene	<1.0		4.0	1.0	ug/L			12/30/11 09:07	2
Toluene	**53**		4.0	1.0	ug/L			12/30/11 09:07	2
1,2,3-Trichlorobenzene	<0.50		4.0	0.50	ug/L			12/30/11 09:07	2
1,2,4-Trichlorobenzene	<0.50		4.0	0.50	ug/L			12/30/11 09:07	2
1,1,1-Trichloroethane	<1.0		4.0	1.0	ug/L			12/30/11 09:07	2
1,1,2-Trichloroethane	<0.50		4.0	0.50	ug/L			12/30/11 09:07	2
Trichloroethene	<0.40		4.0	0.40	ug/L			12/30/11 09:07	2
Trichlorofluoromethane	<1.0		4.0	1.0	ug/L			12/30/11 09:07	2
1,2,3-Trichloropropane	<1.0		4.0	1.0	ug/L			12/30/11 09:07	2
1,2,4-Trimethylbenzene	**210**		4.0	0.40	ug/L			12/30/11 09:07	2
1,3,5-Trimethylbenzene	**34**		4.0	0.40	ug/L			12/30/11 09:07	2
Vinyl chloride	<0.40		4.0	0.40	ug/L			12/30/11 09:07	2
Xylenes, Total	**470**		12	1.0	ug/L			12/30/11 09:07	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*		*12/30/11 09:07*	*2*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*		*12/30/11 12:13*	*100*
Toluene-d8 (Surr)	*101*		*80 - 120*		*12/30/11 09:07*	*2*
Toluene-d8 (Surr)	*102*		*80 - 120*		*12/30/11 12:13*	*100*
Dibromofluoromethane (Surr)	*97*		*80 - 120*		*12/30/11 09:07*	*2*
Dibromofluoromethane (Surr)	*99*		*80 - 120*		*12/30/11 12:13*	*100*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**70**		0.93	0.34	ug/L		01/03/12 09:15	01/04/12 17:09	1
Acenaphthylene	**14**		0.93	0.30	ug/L		01/03/12 09:15	01/04/12 17:09	1
Anthracene	**2.3**		0.93	0.30	ug/L		01/03/12 09:15	01/04/12 17:09	1
Benzo[a]anthracene	**1.0**		0.19	0.041	ug/L		01/03/12 09:15	01/04/12 17:09	1
Benzo[a]pyrene	**0.60**		0.19	0.052	ug/L		01/03/12 09:15	01/04/12 17:09	1
Benzo[b]fluoranthene	**0.85**		0.19	0.054	ug/L		01/03/12 09:15	01/04/12 17:09	1
Benzo[g,h,i]perylene	<0.39		0.93	0.39	ug/L		01/03/12 09:15	01/04/12 17:09	1
Benzo[k]fluoranthene	**0.35**		0.19	0.069	ug/L		01/03/12 09:15	01/04/12 17:09	1
Chrysene	**0.82**		0.47	0.13	ug/L		01/03/12 09:15	01/04/12 17:09	1
Dibenz(a,h)anthracene	**0.12**	**J**	0.28	0.060	ug/L		01/03/12 09:15	01/04/12 17:09	1
Fluoranthene	**7.0**		0.93	0.30	ug/L		01/03/12 09:15	01/04/12 17:09	1
Fluorene	**26**		0.93	0.36	ug/L		01/03/12 09:15	01/04/12 17:09	1
Indeno[1,2,3-cd]pyrene	**0.29**		0.19	0.079	ug/L		01/03/12 09:15	01/04/12 17:09	1
Phenanthrene	**32**		0.93	0.33	ug/L		01/03/12 09:15	01/04/12 17:09	1
Pyrene	**4.0**		0.93	0.45	ug/L		01/03/12 09:15	01/04/12 17:09	1
2-Methylnaphthalene	**39**		0.47	0.12	ug/L		01/03/12 09:15	01/04/12 17:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*88*		*44 - 110*	*01/03/12 09:15*	*01/04/12 17:09*	*1*
Nitrobenzene-d5	*117*	*X*	*39 - 110*	*01/03/12 09:15*	*01/04/12 17:09*	*1*

Client Sample ID: MW-2

Date Collected: 12/28/11 12:00
Date Received: 12/29/11 12:33

Lab Sample ID: 610-778-3

Matrix: Ground Water

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*72*		*52 - 131*	*01/03/12 09:15*	*01/04/12 17:09*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	**2900**	**B**	47	14	ug/L		01/03/12 09:15	01/04/12 19:39	50
1-Methylnaphthalene	**230**		47	47	ug/L		01/03/12 09:15	01/04/12 19:39	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.047		0.47	0.047	ug/L		12/30/11 21:08	01/03/12 14:33	1
PCB-1221	<0.16		0.47	0.16	ug/L		12/30/11 21:08	01/03/12 14:33	1
PCB-1232	<0.15		0.47	0.15	ug/L		12/30/11 21:08	01/03/12 14:33	1
PCB-1242	<0.12		0.47	0.12	ug/L		12/30/11 21:08	01/03/12 14:33	1
PCB-1248	<0.14		0.47	0.14	ug/L		12/30/11 21:08	01/03/12 14:33	1
PCB-1254	<0.093		0.47	0.093	ug/L		12/30/11 21:08	01/03/12 14:33	1
PCB-1260	<0.072		0.47	0.072	ug/L		12/30/11 21:08	01/03/12 14:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*66*		*43 - 111*	*12/30/11 21:08*	*01/03/12 14:33*	*1*
DCB Decachlorobiphenyl	*73*		*24 - 131*	*12/30/11 21:08*	*01/03/12 14:33*	*1*

Method: 6020 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**2.8**		1.0	0.14	ug/L		01/03/12 08:00	01/04/12 20:52	1
Barium	**130**		2.5	0.40	ug/L		01/03/12 08:00	01/04/12 20:52	1
Cadmium	<0.12	^	0.50	0.12	ug/L		01/03/12 08:00	01/04/12 20:52	1
Chromium	<0.59		5.0	0.59	ug/L		01/03/12 08:00	01/04/12 20:52	1
Lead	<0.13		0.50	0.13	ug/L		01/03/12 08:00	01/04/12 20:52	1
Selenium	<0.37		2.5	0.37	ug/L		01/03/12 08:00	01/04/12 20:52	1
Silver	<0.11		0.50	0.11	ug/L		01/03/12 08:00	01/04/12 20:52	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.070		0.20	0.070	ug/L		01/03/12 12:55	01/04/12 12:06	1

Client Sample ID: MW-1

Date Collected: 12/28/11 13:05
Date Received: 12/29/11 12:33

Lab Sample ID: 610-778-4

Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.34		0.93	0.34	ug/L		01/03/12 09:15	01/04/12 18:14	1
Acenaphthylene	<0.30		0.93	0.30	ug/L		01/03/12 09:15	01/04/12 18:14	1
Anthracene	<0.30		0.93	0.30	ug/L		01/03/12 09:15	01/04/12 18:14	1
Benzo[a]anthracene	**0.12**	**J**	0.19	0.041	ug/L		01/03/12 09:15	01/04/12 18:14	1
Benzo[a]pyrene	**0.13**	**J**	0.19	0.052	ug/L		01/03/12 09:15	01/04/12 18:14	1
Benzo[b]fluoranthene	**0.16**	**J**	0.19	0.054	ug/L		01/03/12 09:15	01/04/12 18:14	1
Benzo[g,h,i]perylene	<0.39		0.93	0.39	ug/L		01/03/12 09:15	01/04/12 18:14	1
Benzo[k]fluoranthene	<0.069		0.19	0.069	ug/L		01/03/12 09:15	01/04/12 18:14	1
Chrysene	<0.13		0.47	0.13	ug/L		01/03/12 09:15	01/04/12 18:14	1

Client Sample ID: MW-1
Date Collected: 12/28/11 13:05
Date Received: 12/29/11 12:33

Lab Sample ID: 610-778-4
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	<0.060		0.28	0.060	ug/L		01/03/12 09:15	01/04/12 18:14	1
Fluoranthene	<0.30		0.93	0.30	ug/L		01/03/12 09:15	01/04/12 18:14	1
Fluorene	<0.36		0.93	0.36	ug/L		01/03/12 09:15	01/04/12 18:14	1
Indeno[1,2,3-cd]pyrene	<0.079		0.19	0.079	ug/L		01/03/12 09:15	01/04/12 18:14	1
Naphthalene	<0.28		0.93	0.28	ug/L		01/03/12 09:15	01/04/12 18:14	1
Phenanthrene	<0.33		0.93	0.33	ug/L		01/03/12 09:15	01/04/12 18:14	1
Pyrene	<0.45		0.93	0.45	ug/L		01/03/12 09:15	01/04/12 18:14	1
2-Methylnaphthalene	<0.12		0.47	0.12	ug/L		01/03/12 09:15	01/04/12 18:14	1
1-Methylnaphthalene	<0.93		0.93	0.93	ug/L		01/03/12 09:15	01/04/12 18:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*58*		*44 - 110*	*01/03/12 09:15*	*01/04/12 18:14*	*1*
Nitrobenzene-d5	*59*		*39 - 110*	*01/03/12 09:15*	*01/04/12 18:14*	*1*
Terphenyl-d14	*70*		*52 - 131*	*01/03/12 09:15*	*01/04/12 18:14*	*1*

Client Sample ID: MW-108
Date Collected: 12/28/11 14:00
Date Received: 12/29/11 12:33

Lab Sample ID: 610-778-5
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.20		2.0	0.20	ug/L			12/30/11 08:41	1
Bromobenzene	<0.20		2.0	0.20	ug/L			12/30/11 08:41	1
Bromochloromethane	<0.50		2.0	0.50	ug/L			12/30/11 08:41	1
Bromodichloromethane	<0.20		2.0	0.20	ug/L			12/30/11 08:41	1
Bromoform	<0.20		5.0	0.20	ug/L			12/30/11 08:41	1
Bromomethane	<0.50		5.0	0.50	ug/L			12/30/11 08:41	1
n-Butylbenzene	<0.20		2.0	0.20	ug/L			12/30/11 08:41	1
sec-Butylbenzene	<0.25		2.0	0.25	ug/L			12/30/11 08:41	1
tert-Butylbenzene	<0.20		2.0	0.20	ug/L			12/30/11 08:41	1
Carbon tetrachloride	<0.80		2.0	0.80	ug/L			12/30/11 08:41	1
Chlorobenzene	<0.20		2.0	0.20	ug/L			12/30/11 08:41	1
Chlorodibromomethane	<0.20		2.0	0.20	ug/L			12/30/11 08:41	1
Chloroethane	<1.0		5.0	1.0	ug/L			12/30/11 08:41	1
Chloroform	<0.20		2.0	0.20	ug/L			12/30/11 08:41	1
Chloromethane	<0.30		2.0	0.30	ug/L			12/30/11 08:41	1
2-Chlorotoluene	<0.50		2.0	0.50	ug/L			12/30/11 08:41	1
4-Chlorotoluene	<0.20		2.0	0.20	ug/L			12/30/11 08:41	1
1,2-Dibromo-3-Chloropropane	<0.50		2.0	0.50	ug/L			12/30/11 08:41	1
1,2-Dibromoethane (EDB)	<0.20		2.0	0.20	ug/L			12/30/11 08:41	1
Dibromomethane	<0.20		2.0	0.20	ug/L			12/30/11 08:41	1
1,2-Dichlorobenzene	<0.20		2.0	0.20	ug/L			12/30/11 08:41	1
1,3-Dichlorobenzene	<0.20		2.0	0.20	ug/L			12/30/11 08:41	1
1,4-Dichlorobenzene	<0.50		2.0	0.50	ug/L			12/30/11 08:41	1
Dichlorodifluoromethane	<0.50	*	2.0	0.50	ug/L			12/30/11 08:41	1
1,1-Dichloroethane	<0.50		2.0	0.50	ug/L			12/30/11 08:41	1
1,2-Dichloroethane	<0.50		2.0	0.50	ug/L			12/30/11 08:41	1
1,1-Dichloroethene	<0.50		2.0	0.50	ug/L			12/30/11 08:41	1
cis-1,2-Dichloroethene	<0.50		2.0	0.50	ug/L			12/30/11 08:41	1
trans-1,2-Dichloroethene	<0.50		2.0	0.50	ug/L			12/30/11 08:41	1

Client: Tetra Tech GEO
Project/Site: Beazer Wabash Alloys 117-2201257.02

TestAmerica Job ID: 610-778-1

Client Sample ID: MW-108
Date Collected: 12/28/11 14:00
Date Received: 12/29/11 12:33

Lab Sample ID: 610-778-5
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	<0.50		2.0	0.50	ug/L			12/30/11 08:41	1
1,3-Dichloropropane	<0.25		2.0	0.25	ug/L			12/30/11 08:41	1
2,2-Dichloropropane	<0.50		2.0	0.50	ug/L			12/30/11 08:41	1
1,1-Dichloropropene	<0.50		2.0	0.50	ug/L			12/30/11 08:41	1
cis-1,3-Dichloropropene	<0.20		2.0	0.20	ug/L			12/30/11 08:41	1
trans-1,3-Dichloropropene	<0.20		2.0	0.20	ug/L			12/30/11 08:41	1
Isopropyl ether	<0.50		2.0	0.50	ug/L			12/30/11 08:41	1
Ethylbenzene	**0.62**	**J**	2.0	0.50	ug/L			12/30/11 08:41	1
Hexachlorobutadiene	<0.50		2.0	0.50	ug/L			12/30/11 08:41	1
Isopropylbenzene	<0.20		2.0	0.20	ug/L			12/30/11 08:41	1
p-Isopropyltoluene	<0.20		2.0	0.20	ug/L			12/30/11 08:41	1
Methylene Chloride	<1.0		2.0	1.0	ug/L			12/30/11 08:41	1
Methyl tert-butyl ether	<0.50		2.0	0.50	ug/L			12/30/11 08:41	1
Naphthalene	**63**	**B**	5.0	0.25	ug/L			12/30/11 08:41	1
N-Propylbenzene	<0.50		2.0	0.50	ug/L			12/30/11 08:41	1
Styrene	<0.50		5.0	0.50	ug/L			12/30/11 08:41	1
1,1,1,2-Tetrachloroethane	<0.25		2.0	0.25	ug/L			12/30/11 08:41	1
1,1,2,2-Tetrachloroethane	<0.20		2.0	0.20	ug/L			12/30/11 08:41	1
Tetrachloroethene	<0.50		2.0	0.50	ug/L			12/30/11 08:41	1
Toluene	<0.50		2.0	0.50	ug/L			12/30/11 08:41	1
1,2,3-Trichlorobenzene	<0.25		2.0	0.25	ug/L			12/30/11 08:41	1
1,2,4-Trichlorobenzene	<0.25		2.0	0.25	ug/L			12/30/11 08:41	1
1,1,1-Trichloroethane	<0.50		2.0	0.50	ug/L			12/30/11 08:41	1
1,1,2-Trichloroethane	<0.25		2.0	0.25	ug/L			12/30/11 08:41	1
Trichloroethene	<0.20		2.0	0.20	ug/L			12/30/11 08:41	1
Trichlorofluoromethane	<0.50		2.0	0.50	ug/L			12/30/11 08:41	1
1,2,3-Trichloropropane	<0.50		2.0	0.50	ug/L			12/30/11 08:41	1
1,2,4-Trimethylbenzene	**1.5**	**J**	2.0	0.20	ug/L			12/30/11 08:41	1
1,3,5-Trimethylbenzene	**0.55**	**J**	2.0	0.20	ug/L			12/30/11 08:41	1
Vinyl chloride	<0.20		2.0	0.20	ug/L			12/30/11 08:41	1
Xylenes, Total	**1.0**	**J**	6.0	0.50	ug/L			12/30/11 08:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*		*12/30/11 08:41*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*12/30/11 08:41*	*1*
Dibromofluoromethane (Surr)	*98*		*80 - 120*		*12/30/11 08:41*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.047		0.47	0.047	ug/L		12/30/11 21:08	01/03/12 14:47	1
PCB-1221	<0.16		0.47	0.16	ug/L		12/30/11 21:08	01/03/12 14:47	1
PCB-1232	<0.15		0.47	0.15	ug/L		12/30/11 21:08	01/03/12 14:47	1
PCB-1242	<0.12		0.47	0.12	ug/L		12/30/11 21:08	01/03/12 14:47	1
PCB-1248	<0.14		0.47	0.14	ug/L		12/30/11 21:08	01/03/12 14:47	1
PCB-1254	<0.093		0.47	0.093	ug/L		12/30/11 21:08	01/03/12 14:47	1
PCB-1260	<0.072		0.47	0.072	ug/L		12/30/11 21:08	01/03/12 14:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*80*		*43 - 111*	*12/30/11 21:08*	*01/03/12 14:47*	*1*
DCB Decachlorobiphenyl	*39*		*24 - 131*	*12/30/11 21:08*	*01/03/12 14:47*	*1*

Client Sample ID: MW-108

Date Collected: 12/28/11 14:00
Date Received: 12/29/11 12:33

Lab Sample ID: 610-778-5
Matrix: Ground Water

Method: 6020 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.83**	**J**	1.0	0.14	ug/L		01/03/12 08:00	01/04/12 20:54	1
Barium	**130**		2.5	0.40	ug/L		01/03/12 08:00	01/04/12 20:54	1
Cadmium	<0.12	^	0.50	0.12	ug/L		01/03/12 08:00	01/04/12 20:54	1
Chromium	<0.59		5.0	0.59	ug/L		01/03/12 08:00	01/04/12 20:54	1
Lead	<0.13		0.50	0.13	ug/L		01/03/12 08:00	01/04/12 20:54	1
Selenium	<0.37		2.5	0.37	ug/L		01/03/12 08:00	01/04/12 20:54	1
Silver	<0.11		0.50	0.11	ug/L		01/03/12 08:00	01/04/12 20:54	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.070		0.20	0.070	ug/L		01/03/12 12:55	01/04/12 12:17	1

Client Sample ID: MW-117

Date Collected: 12/28/11 14:40
Date Received: 12/29/11 12:33

Lab Sample ID: 610-778-6
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**3800**		160	16	ug/L			12/30/11 09:34	80
Bromobenzene	<16		160	16	ug/L			12/30/11 09:34	80
Bromochloromethane	<40		160	40	ug/L			12/30/11 09:34	80
Bromodichloromethane	<16		160	16	ug/L			12/30/11 09:34	80
Bromoform	<16		400	16	ug/L			12/30/11 09:34	80
Bromomethane	<40		400	40	ug/L			12/30/11 09:34	80
n-Butylbenzene	<16		160	16	ug/L			12/30/11 09:34	80
sec-Butylbenzene	<20		160	20	ug/L			12/30/11 09:34	80
tert-Butylbenzene	<16		160	16	ug/L			12/30/11 09:34	80
Carbon tetrachloride	<64		160	64	ug/L			12/30/11 09:34	80
Chlorobenzene	<16		160	16	ug/L			12/30/11 09:34	80
Chlorodibromomethane	<16		160	16	ug/L			12/30/11 09:34	80
Chloroethane	<80		400	80	ug/L			12/30/11 09:34	80
Chloroform	<16		160	16	ug/L			12/30/11 09:34	80
Chloromethane	<24		160	24	ug/L			12/30/11 09:34	80
2-Chlorotoluene	<40		160	40	ug/L			12/30/11 09:34	80
4-Chlorotoluene	<16		160	16	ug/L			12/30/11 09:34	80
1,2-Dibromo-3-Chloropropane	<40		160	40	ug/L			12/30/11 09:34	80
1,2-Dibromoethane (EDB)	<16		160	16	ug/L			12/30/11 09:34	80
Dibromomethane	<16		160	16	ug/L			12/30/11 09:34	80
1,2-Dichlorobenzene	<16		160	16	ug/L			12/30/11 09:34	80
1,3-Dichlorobenzene	<16		160	16	ug/L			12/30/11 09:34	80
1,4-Dichlorobenzene	<40		160	40	ug/L			12/30/11 09:34	80
Dichlorodifluoromethane	<40	*	160	40	ug/L			12/30/11 09:34	80
1,1-Dichloroethane	<40		160	40	ug/L			12/30/11 09:34	80
1,2-Dichloroethane	<40		160	40	ug/L			12/30/11 09:34	80
1,1-Dichloroethene	<40		160	40	ug/L			12/30/11 09:34	80
cis-1,2-Dichloroethene	<40		160	40	ug/L			12/30/11 09:34	80
trans-1,2-Dichloroethene	<40		160	40	ug/L			12/30/11 09:34	80
1,2-Dichloropropane	<40		160	40	ug/L			12/30/11 09:34	80
1,3-Dichloropropane	<20		160	20	ug/L			12/30/11 09:34	80
2,2-Dichloropropane	<40		160	40	ug/L			12/30/11 09:34	80

Client Sample ID: MW-117
Date Collected: 12/28/11 14:40
Date Received: 12/29/11 12:33

Lab Sample ID: 610-778-6
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloropropene	<40		160	40	ug/L			12/30/11 09:34	80
cis-1,3-Dichloropropene	<16		160	16	ug/L			12/30/11 09:34	80
trans-1,3-Dichloropropene	<16		160	16	ug/L			12/30/11 09:34	80
Isopropyl ether	<40		160	40	ug/L			12/30/11 09:34	80
Ethylbenzene	**410**		160	40	ug/L			12/30/11 09:34	80
Hexachlorobutadiene	<40		160	40	ug/L			12/30/11 09:34	80
Isopropylbenzene	**24**	**J**	160	16	ug/L			12/30/11 09:34	80
p-Isopropyltoluene	<16		160	16	ug/L			12/30/11 09:34	80
Methylene Chloride	<80		160	80	ug/L			12/30/11 09:34	80
Methyl tert-butyl ether	<40		160	40	ug/L			12/30/11 09:34	80
Naphthalene	**26000**	**B**	2000	100	ug/L			12/30/11 12:40	400
N-Propylbenzene	<40		160	40	ug/L			12/30/11 09:34	80
Styrene	**110**	**J**	400	40	ug/L			12/30/11 09:34	80
1,1,1,2-Tetrachloroethane	<20		160	20	ug/L			12/30/11 09:34	80
1,1,2,2-Tetrachloroethane	<16		160	16	ug/L			12/30/11 09:34	80
Tetrachloroethene	<40		160	40	ug/L			12/30/11 09:34	80
Toluene	**3300**		160	40	ug/L			12/30/11 09:34	80
1,2,3-Trichlorobenzene	<20		160	20	ug/L			12/30/11 09:34	80
1,2,4-Trichlorobenzene	<20		160	20	ug/L			12/30/11 09:34	80
1,1,1-Trichloroethane	<40		160	40	ug/L			12/30/11 09:34	80
1,1,2-Trichloroethane	<20		160	20	ug/L			12/30/11 09:34	80
Trichloroethene	<16		160	16	ug/L			12/30/11 09:34	80
Trichlorofluoromethane	<40		160	40	ug/L			12/30/11 09:34	80
1,2,3-Trichloropropane	<40		160	40	ug/L			12/30/11 09:34	80
1,2,4-Trimethylbenzene	**520**		160	16	ug/L			12/30/11 09:34	80
1,3,5-Trimethylbenzene	**220**		160	16	ug/L			12/30/11 09:34	80
Vinyl chloride	<16		160	16	ug/L			12/30/11 09:34	80
Xylenes, Total	**2300**		480	40	ug/L			12/30/11 09:34	80

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*		*12/30/11 09:34*	*80*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*		*12/30/11 12:40*	*400*
Toluene-d8 (Surr)	*102*		*80 - 120*		*12/30/11 09:34*	*80*
Toluene-d8 (Surr)	*102*		*80 - 120*		*12/30/11 12:40*	*400*
Dibromofluoromethane (Surr)	*98*		*80 - 120*		*12/30/11 09:34*	*80*
Dibromofluoromethane (Surr)	*98*		*80 - 120*		*12/30/11 12:40*	*400*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.47		4.7	0.47	ug/L		12/30/11 21:08	01/03/12 15:02	10
PCB-1221	<1.6		4.7	1.6	ug/L		12/30/11 21:08	01/03/12 15:02	10
PCB-1232	<1.5		4.7	1.5	ug/L		12/30/11 21:08	01/03/12 15:02	10
PCB-1242	<1.2		4.7	1.2	ug/L		12/30/11 21:08	01/03/12 15:02	10
PCB-1248	<1.4		4.7	1.4	ug/L		12/30/11 21:08	01/03/12 15:02	10
PCB-1254	<0.93		4.7	0.93	ug/L		12/30/11 21:08	01/03/12 15:02	10
PCB-1260	<0.72		4.7	0.72	ug/L		12/30/11 21:08	01/03/12 15:02	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*90*		*43 - 111*	*12/30/11 21:08*	*01/03/12 15:02*	*10*
DCB Decachlorobiphenyl	*72*		*24 - 131*	*12/30/11 21:08*	*01/03/12 15:02*	*10*

Client: Tetra Tech GEO
Project/Site: Beazer Wabash Alloys 117-2201257.02

TestAmerica Job ID: 610-778-1

Client Sample ID: MW-117

Date Collected: 12/28/11 14:40
Date Received: 12/29/11 12:33

Lab Sample ID: 610-778-6

Matrix: Ground Water

Method: 6020 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**2.8**		1.0	0.14	ug/L		01/03/12 08:00	01/11/12 09:54	1
Barium	**250**		2.5	0.40	ug/L		01/03/12 08:00	01/11/12 09:54	1
Cadmium	<0.12		0.50	0.12	ug/L		01/03/12 08:00	01/11/12 09:54	1
Chromium	**0.73**	**J**	5.0	0.59	ug/L		01/03/12 08:00	01/11/12 09:54	1
Lead	**0.18**	**J**	0.50	0.13	ug/L		01/03/12 08:00	01/11/12 09:54	1
Selenium	**3.0**		2.5	0.37	ug/L		01/03/12 08:00	01/11/12 09:54	1
Silver	<0.11		0.50	0.11	ug/L		01/03/12 08:00	01/11/12 09:54	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.070		0.20	0.070	ug/L		01/03/12 12:55	01/04/12 12:20	1

Client Sample ID: TRIP BLANK

Date Collected: 12/28/11 00:00
Date Received: 12/29/11 12:33

Lab Sample ID: 610-778-7

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.20		2.0	0.20	ug/L			12/30/11 08:14	1
Bromobenzene	<0.20		2.0	0.20	ug/L			12/30/11 08:14	1
Bromochloromethane	<0.50		2.0	0.50	ug/L			12/30/11 08:14	1
Bromodichloromethane	<0.20		2.0	0.20	ug/L			12/30/11 08:14	1
Bromoform	<0.20		5.0	0.20	ug/L			12/30/11 08:14	1
Bromomethane	<0.50		5.0	0.50	ug/L			12/30/11 08:14	1
n-Butylbenzene	<0.20		2.0	0.20	ug/L			12/30/11 08:14	1
sec-Butylbenzene	<0.25		2.0	0.25	ug/L			12/30/11 08:14	1
tert-Butylbenzene	<0.20		2.0	0.20	ug/L			12/30/11 08:14	1
Carbon tetrachloride	<0.80		2.0	0.80	ug/L			12/30/11 08:14	1
Chlorobenzene	<0.20		2.0	0.20	ug/L			12/30/11 08:14	1
Chlorodibromomethane	<0.20		2.0	0.20	ug/L			12/30/11 08:14	1
Chloroethane	<1.0		5.0	1.0	ug/L			12/30/11 08:14	1
Chloroform	<0.20		2.0	0.20	ug/L			12/30/11 08:14	1
Chloromethane	<0.30		2.0	0.30	ug/L			12/30/11 08:14	1
2-Chlorotoluene	<0.50		2.0	0.50	ug/L			12/30/11 08:14	1
4-Chlorotoluene	<0.20		2.0	0.20	ug/L			12/30/11 08:14	1
1,2-Dibromo-3-Chloropropane	<0.50		2.0	0.50	ug/L			12/30/11 08:14	1
1,2-Dibromoethane (EDB)	<0.20		2.0	0.20	ug/L			12/30/11 08:14	1
Dibromomethane	<0.20		2.0	0.20	ug/L			12/30/11 08:14	1
1,2-Dichlorobenzene	<0.20		2.0	0.20	ug/L			12/30/11 08:14	1
1,3-Dichlorobenzene	<0.20		2.0	0.20	ug/L			12/30/11 08:14	1
1,4-Dichlorobenzene	<0.50		2.0	0.50	ug/L			12/30/11 08:14	1
Dichlorodifluoromethane	<0.50	*	2.0	0.50	ug/L			12/30/11 08:14	1
1,1-Dichloroethane	<0.50		2.0	0.50	ug/L			12/30/11 08:14	1
1,2-Dichloroethane	<0.50		2.0	0.50	ug/L			12/30/11 08:14	1
1,1-Dichloroethene	<0.50		2.0	0.50	ug/L			12/30/11 08:14	1
cis-1,2-Dichloroethene	<0.50		2.0	0.50	ug/L			12/30/11 08:14	1
trans-1,2-Dichloroethene	<0.50		2.0	0.50	ug/L			12/30/11 08:14	1
1,2-Dichloropropane	<0.50		2.0	0.50	ug/L			12/30/11 08:14	1
1,3-Dichloropropane	<0.25		2.0	0.25	ug/L			12/30/11 08:14	1
2,2-Dichloropropane	<0.50		2.0	0.50	ug/L			12/30/11 08:14	1

Client: Tetra Tech GEO
Project/Site: Beazer Wabash Alloys 117-2201257.02

TestAmerica Job ID: 610-778-1

Client Sample ID: TRIP BLANK
Date Collected: 12/28/11 00:00
Date Received: 12/29/11 12:33

Lab Sample ID: 610-778-7
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloropropene	<0.50		2.0	0.50	ug/L			12/30/11 08:14	1
cis-1,3-Dichloropropene	<0.20		2.0	0.20	ug/L			12/30/11 08:14	1
trans-1,3-Dichloropropene	<0.20		2.0	0.20	ug/L			12/30/11 08:14	1
Isopropyl ether	<0.50		2.0	0.50	ug/L			12/30/11 08:14	1
Ethylbenzene	<0.50		2.0	0.50	ug/L			12/30/11 08:14	1
Hexachlorobutadiene	<0.50		2.0	0.50	ug/L			12/30/11 08:14	1
Isopropylbenzene	<0.20		2.0	0.20	ug/L			12/30/11 08:14	1
p-Isopropyltoluene	<0.20		2.0	0.20	ug/L			12/30/11 08:14	1
Methylene Chloride	<1.0		2.0	1.0	ug/L			12/30/11 08:14	1
Methyl tert-butyl ether	<0.50		2.0	0.50	ug/L			12/30/11 08:14	1
Naphthalene	<0.25		5.0	0.25	ug/L			12/30/11 08:14	1
N-Propylbenzene	<0.50		2.0	0.50	ug/L			12/30/11 08:14	1
Styrene	<0.50		5.0	0.50	ug/L			12/30/11 08:14	1
1,1,1,2-Tetrachloroethane	<0.25		2.0	0.25	ug/L			12/30/11 08:14	1
1,1,2,2-Tetrachloroethane	<0.20		2.0	0.20	ug/L			12/30/11 08:14	1
Tetrachloroethene	<0.50		2.0	0.50	ug/L			12/30/11 08:14	1
Toluene	<0.50		2.0	0.50	ug/L			12/30/11 08:14	1
1,2,3-Trichlorobenzene	<0.25		2.0	0.25	ug/L			12/30/11 08:14	1
1,2,4-Trichlorobenzene	<0.25		2.0	0.25	ug/L			12/30/11 08:14	1
1,1,1-Trichloroethane	<0.50		2.0	0.50	ug/L			12/30/11 08:14	1
1,1,2-Trichloroethane	<0.25		2.0	0.25	ug/L			12/30/11 08:14	1
Trichloroethene	<0.20		2.0	0.20	ug/L			12/30/11 08:14	1
Trichlorofluoromethane	<0.50		2.0	0.50	ug/L			12/30/11 08:14	1
1,2,3-Trichloropropane	<0.50		2.0	0.50	ug/L			12/30/11 08:14	1
1,2,4-Trimethylbenzene	<0.20		2.0	0.20	ug/L			12/30/11 08:14	1
1,3,5-Trimethylbenzene	<0.20		2.0	0.20	ug/L			12/30/11 08:14	1
Vinyl chloride	<0.20		2.0	0.20	ug/L			12/30/11 08:14	1
Xylenes, Total	<0.50		6.0	0.50	ug/L			12/30/11 08:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*		*12/30/11 08:14*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*12/30/11 08:14*	*1*
Dibromofluoromethane (Surr)	*98*		*80 - 120*		*12/30/11 08:14*	*1*

Surrogate Summary

Client: Tetra Tech GEO
Project/Site: Beazer Wabash Alloys 117-2201257.02

TestAmerica Job ID: 610-778-1

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

Matrix: Ground Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(80-120)	(80-120)	(80-120)
610-778-3	MW-2	97	102	99
610-778-3	MW-2	99	101	97
610-778-5	MW-108	97	102	98
610-778-5 MS	MW-108	98	102	96
610-778-5 MSD	MW-108	98	102	95
610-778-6	MW-117	97	102	98
610-778-6	MW-117	98	102	98

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)

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

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(80-120)	(80-120)	(80-120)
610-778-7	TRIP BLANK	97	102	98
LCS 610-1144/1	Lab Control Sample	99	102	96
MB 610-1144/4	Method Blank	97	102	98

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)

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

Matrix: Ground Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		FBP	NBZ	TPH
Lab Sample ID	Client Sample ID	(44-110)	(39-110)	(52-131)
610-778-1	MW-108	77	71	67
610-778-2	MW-117	0 D	0 D	0 D
610-778-3 - DL	MW-2	0 D	0 D	0 D
610-778-3	MW-2	88	117 X	72
610-778-4	MW-1	58	59	70

Surrogate Legend

FBP = 2-Fluorobiphenyl
NBZ = Nitrobenzene-d5
TPH = Terphenyl-d14

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

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		FBP	NBZ	TPH
Lab Sample ID	Client Sample ID	(44-110)	(39-110)	(52-131)
LCS 500-137257/2-A	Lab Control Sample	78	74	102

Surrogate Summary

Client: Tetra Tech GEO
Project/Site: Beazer Wabash Alloys 117-2201257.02

TestAmerica Job ID: 610-778-1

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

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		FBP	NBZ	TPH
Lab Sample ID	Client Sample ID	(44-110)	(39-110)	(52-131)
LCSD 500-137257/3-A	Lab Control Sample Dup	71	67	92
MB 500-137257/1-A	Method Blank	83	83	91

Surrogate Legend

FBP = 2-Fluorobiphenyl
NBZ = Nitrobenzene-d5
TPH = Terphenyl-d14

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

Matrix: Ground Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		TCX1	DCB1
Lab Sample ID	Client Sample ID	(43-111)	(24-131)
610-778-3	MW-2	66	73
610-778-5	MW-108	80	39
610-778-6	MW-117	90	72

Surrogate Legend

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

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

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		TCX1	DCB1
Lab Sample ID	Client Sample ID	(43-111)	(24-131)
LCS 500-137222/2-A	Lab Control Sample	79	49
LCSD 500-137222/3-A	Lab Control Sample Dup	88	80
MB 500-137222/1-A	Method Blank	89	85

Surrogate Legend

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

Client: Tetra Tech GEO
Project/Site: Beazer Wabash Alloys 117-2201257.02

TestAmerica Job ID: 610-778-1

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

Lab Sample ID: MB 610-1144/4
Matrix: Water
Analysis Batch: 1144

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.20		2.0	0.20	ug/L			12/30/11 07:21	1
Bromobenzene	<0.20		2.0	0.20	ug/L			12/30/11 07:21	1
Bromochloromethane	<0.50		2.0	0.50	ug/L			12/30/11 07:21	1
Bromodichloromethane	<0.20		2.0	0.20	ug/L			12/30/11 07:21	1
Bromoform	<0.20		5.0	0.20	ug/L			12/30/11 07:21	1
Bromomethane	<0.50		5.0	0.50	ug/L			12/30/11 07:21	1
n-Butylbenzene	<0.20		2.0	0.20	ug/L			12/30/11 07:21	1
sec-Butylbenzene	<0.25		2.0	0.25	ug/L			12/30/11 07:21	1
tert-Butylbenzene	<0.20		2.0	0.20	ug/L			12/30/11 07:21	1
Carbon tetrachloride	<0.80		2.0	0.80	ug/L			12/30/11 07:21	1
Chlorobenzene	<0.20		2.0	0.20	ug/L			12/30/11 07:21	1
Chlorodibromomethane	<0.20		2.0	0.20	ug/L			12/30/11 07:21	1
Chloroethane	<1.0		5.0	1.0	ug/L			12/30/11 07:21	1
Chloroform	<0.20		2.0	0.20	ug/L			12/30/11 07:21	1
Chloromethane	<0.30		2.0	0.30	ug/L			12/30/11 07:21	1
2-Chlorotoluene	<0.50		2.0	0.50	ug/L			12/30/11 07:21	1
4-Chlorotoluene	<0.20		2.0	0.20	ug/L			12/30/11 07:21	1
1,2-Dibromo-3-Chloropropane	<0.50		2.0	0.50	ug/L			12/30/11 07:21	1
1,2-Dibromoethane (EDB)	<0.20		2.0	0.20	ug/L			12/30/11 07:21	1
Dibromomethane	<0.20		2.0	0.20	ug/L			12/30/11 07:21	1
1,2-Dichlorobenzene	<0.20		2.0	0.20	ug/L			12/30/11 07:21	1
1,3-Dichlorobenzene	<0.20		2.0	0.20	ug/L			12/30/11 07:21	1
1,4-Dichlorobenzene	<0.50		2.0	0.50	ug/L			12/30/11 07:21	1
Dichlorodifluoromethane	<0.50		2.0	0.50	ug/L			12/30/11 07:21	1
1,1-Dichloroethane	<0.50		2.0	0.50	ug/L			12/30/11 07:21	1
1,2-Dichloroethane	<0.50		2.0	0.50	ug/L			12/30/11 07:21	1
1,1-Dichloroethene	<0.50		2.0	0.50	ug/L			12/30/11 07:21	1
cis-1,2-Dichloroethene	<0.50		2.0	0.50	ug/L			12/30/11 07:21	1
trans-1,2-Dichloroethene	<0.50		2.0	0.50	ug/L			12/30/11 07:21	1
1,2-Dichloropropane	<0.50		2.0	0.50	ug/L			12/30/11 07:21	1
1,3-Dichloropropane	<0.25		2.0	0.25	ug/L			12/30/11 07:21	1
2,2-Dichloropropane	<0.50		2.0	0.50	ug/L			12/30/11 07:21	1
1,1-Dichloropropene	<0.50		2.0	0.50	ug/L			12/30/11 07:21	1
cis-1,3-Dichloropropene	<0.20		2.0	0.20	ug/L			12/30/11 07:21	1
trans-1,3-Dichloropropene	<0.20		2.0	0.20	ug/L			12/30/11 07:21	1
Isopropyl ether	<0.50		2.0	0.50	ug/L			12/30/11 07:21	1
Ethylbenzene	<0.50		2.0	0.50	ug/L			12/30/11 07:21	1
Hexachlorobutadiene	<0.50		2.0	0.50	ug/L			12/30/11 07:21	1
Isopropylbenzene	<0.20		2.0	0.20	ug/L			12/30/11 07:21	1
p-Isopropyltoluene	<0.20		2.0	0.20	ug/L			12/30/11 07:21	1
Methylene Chloride	<1.0		2.0	1.0	ug/L			12/30/11 07:21	1
Methyl tert-butyl ether	<0.50		2.0	0.50	ug/L			12/30/11 07:21	1
Naphthalene	0.279	J	5.0	0.25	ug/L			12/30/11 07:21	1
N-Propylbenzene	<0.50		2.0	0.50	ug/L			12/30/11 07:21	1
Styrene	<0.50		5.0	0.50	ug/L			12/30/11 07:21	1
1,1,1,2-Tetrachloroethane	<0.25		2.0	0.25	ug/L			12/30/11 07:21	1
1,1,2,2-Tetrachloroethane	<0.20		2.0	0.20	ug/L			12/30/11 07:21	1
Tetrachloroethene	<0.50		2.0	0.50	ug/L			12/30/11 07:21	1
Toluene	<0.50		2.0	0.50	ug/L			12/30/11 07:21	1

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

Lab Sample ID: MB 610-1144/4
Matrix: Water
Analysis Batch: 1144

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.25		2.0	0.25	ug/L			12/30/11 07:21	1
1,2,4-Trichlorobenzene	<0.25		2.0	0.25	ug/L			12/30/11 07:21	1
1,1,1-Trichloroethane	<0.50		2.0	0.50	ug/L			12/30/11 07:21	1
1,1,2-Trichloroethane	<0.25		2.0	0.25	ug/L			12/30/11 07:21	1
Trichloroethene	<0.20		2.0	0.20	ug/L			12/30/11 07:21	1
Trichlorofluoromethane	<0.50		2.0	0.50	ug/L			12/30/11 07:21	1
1,2,3-Trichloropropane	<0.50		2.0	0.50	ug/L			12/30/11 07:21	1
1,2,4-Trimethylbenzene	<0.20		2.0	0.20	ug/L			12/30/11 07:21	1
1,3,5-Trimethylbenzene	<0.20		2.0	0.20	ug/L			12/30/11 07:21	1
Vinyl chloride	<0.20		2.0	0.20	ug/L			12/30/11 07:21	1
Xylenes, Total	<0.50		6.0	0.50	ug/L			12/30/11 07:21	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*		*12/30/11 07:21*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*12/30/11 07:21*	*1*
Dibromofluoromethane (Surr)	*98*		*80 - 120*		*12/30/11 07:21*	*1*

Lab Sample ID: LCS 610-1144/1
Matrix: Water
Analysis Batch: 1144

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	50.0	47.5		ug/L		95	80 - 120
Bromobenzene	50.0	46.1		ug/L		92	80 - 120
Bromochloromethane	50.0	45.5		ug/L		91	80 - 120
Bromodichloromethane	50.0	48.6		ug/L		97	80 - 120
Bromoform	50.0	50.3		ug/L		101	80 - 120
Bromomethane	50.0	49.7		ug/L		99	60 - 140
n-Butylbenzene	50.0	50.7		ug/L		101	80 - 120
sec-Butylbenzene	50.0	50.6		ug/L		101	80 - 120
tert-Butylbenzene	50.0	49.9		ug/L		100	80 - 120
Carbon tetrachloride	50.0	49.2		ug/L		98	60 - 140
Chlorobenzene	50.0	47.7		ug/L		95	80 - 120
Chlorodibromomethane	50.0	49.8		ug/L		100	80 - 120
Chloroethane	50.0	53.7		ug/L		107	60 - 140
Chloroform	50.0	45.4		ug/L		91	80 - 120
Chloromethane	50.0	55.2		ug/L		110	60 - 140
2-Chlorotoluene	50.0	48.3		ug/L		97	80 - 120
4-Chlorotoluene	50.0	47.1		ug/L		94	80 - 120
1,2-Dibromo-3-Chloropropane	50.0	61.1		ug/L		122	60 - 140
1,2-Dibromoethane (EDB)	50.0	49.4		ug/L		99	80 - 120
Dibromomethane	50.0	46.4		ug/L		93	80 - 120
1,2-Dichlorobenzene	50.0	48.0		ug/L		96	80 - 120
1,3-Dichlorobenzene	50.0	47.6		ug/L		95	80 - 120
1,4-Dichlorobenzene	50.0	47.1		ug/L		94	80 - 120
Dichlorodifluoromethane	50.0	71.3	*	ug/L		143	60 - 140
1,1-Dichloroethane	50.0	49.6		ug/L		99	80 - 120
1,2-Dichloroethane	50.0	46.0		ug/L		92	80 - 120
1,1-Dichloroethene	50.0	57.3		ug/L		115	80 - 120

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

Lab Sample ID: LCS 610-1144/1
Matrix: Water
Analysis Batch: 1144

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
cis-1,2-Dichloroethene	50.0	47.0		ug/L		94	80 - 120
trans-1,2-Dichloroethene	50.0	48.8		ug/L		98	80 - 120
1,2-Dichloropropane	50.0	49.9		ug/L		100	80 - 120
1,3-Dichloropropane	50.0	48.5		ug/L		97	80 - 120
2,2-Dichloropropane	50.0	51.7		ug/L		103	60 - 140
1,1-Dichloropropene	50.0	47.2		ug/L		94	80 - 120
cis-1,3-Dichloropropene	50.0	49.9		ug/L		100	80 - 120
trans-1,3-Dichloropropene	50.0	50.0		ug/L		100	80 - 120
Isopropyl ether	50.0	52.4		ug/L		105	80 - 120
Ethylbenzene	50.0	49.6		ug/L		99	80 - 120
Hexachlorobutadiene	50.0	43.1		ug/L		86	60 - 140
Isopropylbenzene	50.0	49.7		ug/L		99	80 - 120
p-Isopropyltoluene	50.0	49.7		ug/L		99	80 - 120
Methylene Chloride	50.0	45.6		ug/L		91	80 - 120
Methyl tert-butyl ether	50.0	47.2		ug/L		94	80 - 120
Naphthalene	50.0	64.1		ug/L		128	60 - 140
N-Propylbenzene	50.0	49.6		ug/L		99	80 - 120
Styrene	50.0	48.5		ug/L		97	80 - 120
1,1,1,2-Tetrachloroethane	50.0	49.0		ug/L		98	80 - 120
1,1,2,2-Tetrachloroethane	50.0	53.2		ug/L		106	80 - 120
Tetrachloroethene	50.0	50.1		ug/L		100	80 - 120
Toluene	50.0	49.6		ug/L		99	80 - 120
1,2,3-Trichlorobenzene	50.0	56.7		ug/L		113	80 - 120
1,2,4-Trichlorobenzene	50.0	51.9		ug/L		104	80 - 120
1,1,1-Trichloroethane	50.0	49.3		ug/L		99	80 - 120
1,1,2-Trichloroethane	50.0	48.5		ug/L		97	80 - 120
Trichloroethene	50.0	49.7		ug/L		99	80 - 120
Trichlorofluoromethane	50.0	56.4		ug/L		113	80 - 120
1,2,3-Trichloropropane	50.0	53.0		ug/L		106	80 - 120
1,2,4-Trimethylbenzene	50.0	48.2		ug/L		96	80 - 120
1,3,5-Trimethylbenzene	50.0	48.7		ug/L		97	80 - 120
Vinyl chloride	50.0	56.2		ug/L		112	80 - 120
Xylenes, Total	150	147		ug/L		98	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*
Toluene-d8 (Surr)	*102*		*80 - 120*
Dibromofluoromethane (Surr)	*96*		*80 - 120*

Lab Sample ID: 610-778-5 MS
Matrix: Ground Water
Analysis Batch: 1144

Client Sample ID: MW-108
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.20		50.0	49.7		ug/L		99	80 - 120
Bromobenzene	<0.20		50.0	47.5		ug/L		95	80 - 120
Bromochloromethane	<0.50		50.0	46.9		ug/L		94	80 - 120
Bromodichloromethane	<0.20		50.0	49.6		ug/L		99	80 - 120
Bromoform	<0.20		50.0	51.6		ug/L		103	80 - 120

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

Lab Sample ID: 610-778-5 MS
Matrix: Ground Water
Analysis Batch: 1144

Client Sample ID: MW-108
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromomethane	<0.50		50.0	58.1		ug/L		116	60 - 140
n-Butylbenzene	<0.20		50.0	55.0		ug/L		110	80 - 120
sec-Butylbenzene	<0.25		50.0	54.1		ug/L		108	80 - 120
tert-Butylbenzene	<0.20		50.0	53.1		ug/L		106	80 - 120
Carbon tetrachloride	<0.80		50.0	54.5		ug/L		109	60 - 140
Chlorobenzene	<0.20		50.0	49.6		ug/L		99	80 - 120
Chlorodibromomethane	<0.20		50.0	51.1		ug/L		102	80 - 120
Chloroethane	<1.0		50.0	60.3		ug/L		121	60 - 140
Chloroform	<0.20		50.0	47.3		ug/L		95	80 - 120
Chloromethane	<0.30		50.0	52.4		ug/L		105	60 - 140
2-Chlorotoluene	<0.50		50.0	49.7		ug/L		99	80 - 120
4-Chlorotoluene	<0.20		50.0	48.5		ug/L		97	80 - 120
1,2-Dibromo-3-Chloropropane	<0.50		50.0	63.4		ug/L		127	60 - 140
1,2-Dibromoethane (EDB)	<0.20		50.0	50.7		ug/L		101	80 - 120
Dibromomethane	<0.20		50.0	47.5		ug/L		95	80 - 120
1,2-Dichlorobenzene	<0.20		50.0	49.9		ug/L		100	80 - 120
1,3-Dichlorobenzene	<0.20		50.0	49.1		ug/L		98	80 - 120
1,4-Dichlorobenzene	<0.50		50.0	48.7		ug/L		97	80 - 120
Dichlorodifluoromethane	<0.50	*	50.0	52.8		ug/L		106	60 - 140
1,1-Dichloroethane	<0.50		50.0	51.8		ug/L		104	80 - 120
1,2-Dichloroethane	<0.50		50.0	46.8		ug/L		94	80 - 120
1,1-Dichloroethene	<0.50		50.0	64.7	F	ug/L		129	80 - 120
cis-1,2-Dichloroethene	<0.50		50.0	48.7		ug/L		97	80 - 120
trans-1,2-Dichloroethene	<0.50		50.0	52.2		ug/L		104	80 - 120
1,2-Dichloropropane	<0.50		50.0	51.1		ug/L		102	80 - 120
1,3-Dichloropropane	<0.25		50.0	49.8		ug/L		100	80 - 120
2,2-Dichloropropane	<0.50		50.0	56.6		ug/L		113	60 - 140
1,1-Dichloropropene	<0.50		50.0	52.1		ug/L		104	80 - 120
cis-1,3-Dichloropropene	<0.20		50.0	51.5		ug/L		103	80 - 120
trans-1,3-Dichloropropene	<0.20		50.0	51.8		ug/L		104	80 - 120
Isopropyl ether	<0.50		50.0	54.7		ug/L		109	80 - 120
Ethylbenzene	0.62	J	50.0	52.8		ug/L		104	80 - 120
Hexachlorobutadiene	<0.50		50.0	51.7		ug/L		103	60 - 140
Isopropylbenzene	<0.20		50.0	52.7		ug/L		105	80 - 120
p-Isopropyltoluene	<0.20		50.0	52.6		ug/L		105	80 - 120
Methylene Chloride	<1.0		50.0	46.9		ug/L		94	80 - 120
Methyl tert-butyl ether	<0.50		50.0	47.0		ug/L		94	80 - 120
Naphthalene	63	B	50.0	130		ug/L		135	60 - 140
N-Propylbenzene	<0.50		50.0	52.5		ug/L		105	80 - 120
Styrene	<0.50		50.0	49.7		ug/L		99	80 - 120
1,1,1,2-Tetrachloroethane	<0.25		50.0	50.6		ug/L		101	80 - 120
1,1,2,2-Tetrachloroethane	<0.20		50.0	55.1		ug/L		110	80 - 120
Tetrachloroethene	<0.50		50.0	54.1		ug/L		108	80 - 120
Toluene	<0.50		50.0	51.7		ug/L		103	80 - 120
1,2,3-Trichlorobenzene	<0.25		50.0	62.1	F	ug/L		124	80 - 120
1,2,4-Trichlorobenzene	<0.25		50.0	57.3		ug/L		115	80 - 120
1,1,1-Trichloroethane	<0.50		50.0	53.7		ug/L		107	80 - 120
1,1,2-Trichloroethane	<0.25		50.0	49.6		ug/L		99	80 - 120
Trichloroethene	<0.20		50.0	53.1		ug/L		106	80 - 120
Trichlorofluoromethane	<0.50		50.0	61.4	F	ug/L		123	80 - 120

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

Lab Sample ID: 610-778-5 MS
Matrix: Ground Water
Analysis Batch: 1144

Client Sample ID: MW-108
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,3-Trichloropropane	<0.50		50.0	53.9		ug/L		108	80 - 120
1,2,4-Trimethylbenzene	1.5	J	50.0	51.0		ug/L		99	80 - 120
1,3,5-Trimethylbenzene	0.55	J	50.0	50.9		ug/L		101	80 - 120
Vinyl chloride	<0.20		50.0	59.2		ug/L		118	80 - 120
Xylenes, Total	1.0	J	150	154		ug/L		102	80 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*
Toluene-d8 (Surr)	*102*		*80 - 120*
Dibromofluoromethane (Surr)	*96*		*80 - 120*

Lab Sample ID: 610-778-5 MSD
Matrix: Ground Water
Analysis Batch: 1144

Client Sample ID: MW-108
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.20		50.0	51.1		ug/L		102	80 - 120	3	20
Bromobenzene	<0.20		50.0	48.9		ug/L		98	80 - 120	3	24
Bromochloromethane	<0.50		50.0	47.7		ug/L		95	80 - 120	2	14
Bromodichloromethane	<0.20		50.0	51.2		ug/L		102	80 - 120	3	19
Bromoform	<0.20		50.0	53.2		ug/L		106	80 - 120	3	26
Bromomethane	<0.50		50.0	63.6		ug/L		127	60 - 140	9	18
n-Butylbenzene	<0.20		50.0	57.4		ug/L		115	80 - 120	4	19
sec-Butylbenzene	<0.25		50.0	56.5		ug/L		113	80 - 120	4	19
tert-Butylbenzene	<0.20		50.0	55.3		ug/L		111	80 - 120	4	17
Carbon tetrachloride	<0.80		50.0	56.1		ug/L		112	60 - 140	3	17
Chlorobenzene	<0.20		50.0	51.2		ug/L		102	80 - 120	3	16
Chlorodibromomethane	<0.20		50.0	52.7		ug/L		105	80 - 120	3	23
Chloroethane	<1.0		50.0	62.4		ug/L		125	60 - 140	3	17
Chloroform	<0.20		50.0	48.8		ug/L		98	80 - 120	3	14
Chloromethane	<0.30		50.0	54.9		ug/L		110	60 - 140	5	16
2-Chlorotoluene	<0.50		50.0	51.7		ug/L		103	80 - 120	4	26
4-Chlorotoluene	<0.20		50.0	50.4		ug/L		101	80 - 120	4	26
1,2-Dibromo-3-Chloropropane	<0.50		50.0	64.2		ug/L		128	60 - 140	1	26
1,2-Dibromoethane (EDB)	<0.20		50.0	51.6		ug/L		103	80 - 120	2	19
Dibromomethane	<0.20		50.0	48.4		ug/L		97	80 - 120	2	26
1,2-Dichlorobenzene	<0.20		50.0	51.1		ug/L		102	80 - 120	2	23
1,3-Dichlorobenzene	<0.20		50.0	50.9		ug/L		102	80 - 120	4	21
1,4-Dichlorobenzene	<0.50		50.0	50.2		ug/L		100	80 - 120	3	21
Dichlorodifluoromethane	<0.50	*	50.0	52.2		ug/L		104	60 - 140	1	19
1,1-Dichloroethane	<0.50		50.0	53.5		ug/L		107	80 - 120	3	18
1,2-Dichloroethane	<0.50		50.0	48.2		ug/L		96	80 - 120	3	19
1,1-Dichloroethene	<0.50		50.0	65.8	F	ug/L		132	80 - 120	2	18
cis-1,2-Dichloroethene	<0.50		50.0	50.0		ug/L		100	80 - 120	3	17
trans-1,2-Dichloroethene	<0.50		50.0	53.7		ug/L		107	80 - 120	3	23
1,2-Dichloropropane	<0.50		50.0	53.2		ug/L		106	80 - 120	4	18
1,3-Dichloropropane	<0.25		50.0	50.8		ug/L		102	80 - 120	2	24
2,2-Dichloropropane	<0.50		50.0	58.3		ug/L		117	60 - 140	3	16
1,1-Dichloropropene	<0.50		50.0	53.5		ug/L		107	80 - 120	3	16

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

Lab Sample ID: 610-778-5 MSD
Matrix: Ground Water
Analysis Batch: 1144

Client Sample ID: MW-108
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
cis-1,3-Dichloropropene	<0.20		50.0	53.1		ug/L		106	80 - 120	3	20
trans-1,3-Dichloropropene	<0.20		50.0	52.9		ug/L		106	80 - 120	2	26
Isopropyl ether	<0.50		50.0	57.0		ug/L		114	80 - 120	4	20
Ethylbenzene	0.62	J	50.0	54.7		ug/L		108	80 - 120	4	16
Hexachlorobutadiene	<0.50		50.0	51.9		ug/L		104	60 - 140	0	20
Isopropylbenzene	<0.20		50.0	55.0		ug/L		110	80 - 120	4	22
p-Isopropyltoluene	<0.20		50.0	55.0		ug/L		110	80 - 120	4	20
Methylene Chloride	<1.0		50.0	48.1		ug/L		96	80 - 120	3	24
Methyl tert-butyl ether	<0.50		50.0	48.3		ug/L		97	80 - 120	3	18
Naphthalene	63	B	50.0	133	F	ug/L		142	60 - 140	2	24
N-Propylbenzene	<0.50		50.0	54.9		ug/L		110	80 - 120	5	23
Styrene	<0.50		50.0	51.4		ug/L		103	80 - 120	3	14
1,1,1,2-Tetrachloroethane	<0.25		50.0	51.9		ug/L		104	80 - 120	3	17
1,1,2,2-Tetrachloroethane	<0.20		50.0	55.4		ug/L		111	80 - 120	1	26
Tetrachloroethene	<0.50		50.0	56.3		ug/L		113	80 - 120	4	18
Toluene	<0.50		50.0	53.5		ug/L		107	80 - 120	4	18
1,2,3-Trichlorobenzene	<0.25		50.0	63.3	F	ug/L		127	80 - 120	2	24
1,2,4-Trichlorobenzene	<0.25		50.0	57.4		ug/L		115	80 - 120	0	21
1,1,1-Trichloroethane	<0.50		50.0	55.3		ug/L		111	80 - 120	3	19
1,1,2-Trichloroethane	<0.25		50.0	50.6		ug/L		101	80 - 120	2	28
Trichloroethene	<0.20		50.0	54.3		ug/L		109	80 - 120	2	18
Trichlorofluoromethane	<0.50		50.0	63.1	F	ug/L		126	80 - 120	3	19
1,2,3-Trichloropropane	<0.50		50.0	54.5		ug/L		109	80 - 120	1	26
1,2,4-Trimethylbenzene	1.5	J	50.0	53.4		ug/L		104	80 - 120	5	24
1,3,5-Trimethylbenzene	0.55	J	50.0	53.4		ug/L		106	80 - 120	5	24
Vinyl chloride	<0.20		50.0	61.1	F	ug/L		122	80 - 120	3	17
Xylenes, Total	1.0	J	150	160		ug/L		106	80 - 120	4	14

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*
Toluene-d8 (Surr)	*102*		*80 - 120*
Dibromofluoromethane (Surr)	*95*		*80 - 120*

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

Lab Sample ID: MB 500-137257/1-A
Matrix: Water
Analysis Batch: 137351

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 137257

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.36		1.0	0.36	ug/L		01/03/12 09:15	01/04/12 13:34	1
Acenaphthylene	<0.32		1.0	0.32	ug/L		01/03/12 09:15	01/04/12 13:34	1
Anthracene	<0.32		1.0	0.32	ug/L		01/03/12 09:15	01/04/12 13:34	1
Benzo[a]anthracene	<0.044		0.20	0.044	ug/L		01/03/12 09:15	01/04/12 13:34	1
Benzo[a]pyrene	<0.056		0.20	0.056	ug/L		01/03/12 09:15	01/04/12 13:34	1
Benzo[b]fluoranthene	<0.058		0.20	0.058	ug/L		01/03/12 09:15	01/04/12 13:34	1
Benzo[g,h,i]perylene	<0.42		1.0	0.42	ug/L		01/03/12 09:15	01/04/12 13:34	1
Benzo[k]fluoranthene	<0.074		0.20	0.074	ug/L		01/03/12 09:15	01/04/12 13:34	1
Chrysene	<0.14		0.50	0.14	ug/L		01/03/12 09:15	01/04/12 13:34	1

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

Lab Sample ID: MB 500-137257/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 137351 — **Prep Batch: 137257**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	<0.064		0.30	0.064	ug/L		01/03/12 09:15	01/04/12 13:34	1
Fluoranthene	<0.32		1.0	0.32	ug/L		01/03/12 09:15	01/04/12 13:34	1
Fluorene	<0.38		1.0	0.38	ug/L		01/03/12 09:15	01/04/12 13:34	1
Indeno[1,2,3-cd]pyrene	<0.084		0.20	0.084	ug/L		01/03/12 09:15	01/04/12 13:34	1
Naphthalene	0.467	J	1.0	0.30	ug/L		01/03/12 09:15	01/04/12 13:34	1
Phenanthrene	<0.35		1.0	0.35	ug/L		01/03/12 09:15	01/04/12 13:34	1
Pyrene	<0.48		1.0	0.48	ug/L		01/03/12 09:15	01/04/12 13:34	1
2-Methylnaphthalene	<0.13		0.50	0.13	ug/L		01/03/12 09:15	01/04/12 13:34	1
1-Methylnaphthalene	<1.0		1.0	1.0	ug/L		01/03/12 09:15	01/04/12 13:34	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*83*		*44 - 110*	*01/03/12 09:15*	*01/04/12 13:34*	*1*
Nitrobenzene-d5	*83*		*39 - 110*	*01/03/12 09:15*	*01/04/12 13:34*	*1*
Terphenyl-d14	*91*		*52 - 131*	*01/03/12 09:15*	*01/04/12 13:34*	*1*

Lab Sample ID: LCS 500-137257/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 137351 — **Prep Batch: 137257**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	50.0	36.5		ug/L		73	54 - 107
Acenaphthylene	50.0	35.8		ug/L		72	56 - 102
Anthracene	50.0	40.0		ug/L		80	60 - 116
Benzo[a]anthracene	50.0	43.4		ug/L		87	70 - 116
Benzo[a]pyrene	50.0	46.7		ug/L		93	59 - 127
Benzo[b]fluoranthene	50.0	44.5		ug/L		89	57 - 125
Benzo[g,h,i]perylene	50.0	48.2		ug/L		96	64 - 133
Benzo[k]fluoranthene	50.0	47.8		ug/L		96	46 - 134
Chrysene	50.0	41.5		ug/L		83	64 - 121
Dibenz(a,h)anthracene	50.0	46.5		ug/L		93	62 - 135
Fluoranthene	50.0	42.3		ug/L		85	66 - 122
Fluorene	50.0	36.4		ug/L		73	56 - 111
Indeno[1,2,3-cd]pyrene	50.0	47.8		ug/L		96	63 - 136
Naphthalene	50.0	34.3		ug/L		69	48 - 100
Phenanthrene	50.0	39.2		ug/L		78	64 - 114
Pyrene	50.0	46.2		ug/L		92	62 - 123
2-Methylnaphthalene	50.0	33.5		ug/L		67	44 - 100

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl	*78*		*44 - 110*
Nitrobenzene-d5	*74*		*39 - 110*
Terphenyl-d14	*102*		*52 - 131*

Lab Sample ID: LCSD 500-137257/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 137351 — **Prep Batch: 137257**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acenaphthene	50.0	34.5		ug/L		69	54 - 107	6	20

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

Lab Sample ID: LCSD 500-137257/3-A
Matrix: Water
Analysis Batch: 137351

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 137257

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acenaphthylene			50.0	33.6		ug/L		67	56 - 102	6	20
Anthracene			50.0	37.0		ug/L		74	60 - 116	8	20
Benzo[a]anthracene			50.0	42.9		ug/L		86	70 - 116	1	20
Benzo[a]pyrene			50.0	44.3		ug/L		89	59 - 127	5	20
Benzo[b]fluoranthene			50.0	40.1		ug/L		80	57 - 125	10	20
Benzo[g,h,i]perylene			50.0	48.8		ug/L		98	64 - 133	1	20
Benzo[k]fluoranthene			50.0	44.6		ug/L		89	46 - 134	7	20
Chrysene			50.0	41.9		ug/L		84	64 - 121	1	20
Dibenz(a,h)anthracene			50.0	44.7		ug/L		89	62 - 135	4	20
Fluoranthene			50.0	41.8		ug/L		84	66 - 122	1	20
Fluorene			50.0	34.5		ug/L		69	56 - 111	5	20
Indeno[1,2,3-cd]pyrene			50.0	47.6		ug/L		95	63 - 136	0	20
Naphthalene			50.0	31.3		ug/L		63	48 - 100	9	20
Phenanthrene			50.0	37.7		ug/L		75	64 - 114	4	20
Pyrene			50.0	41.3		ug/L		83	62 - 123	11	20
2-Methylnaphthalene			50.0	30.9		ug/L		62	44 - 100	8	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2-Fluorobiphenyl	*71*		*44 - 110*
Nitrobenzene-d5	*67*		*39 - 110*
Terphenyl-d14	*92*		*52 - 131*

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

Lab Sample ID: MB 500-137222/1-A
Matrix: Water
Analysis Batch: 137288

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 137222

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.050		0.50	0.050	ug/L		12/30/11 21:08	01/03/12 13:21	1
PCB-1221	<0.17		0.50	0.17	ug/L		12/30/11 21:08	01/03/12 13:21	1
PCB-1232	<0.16		0.50	0.16	ug/L		12/30/11 21:08	01/03/12 13:21	1
PCB-1242	<0.13		0.50	0.13	ug/L		12/30/11 21:08	01/03/12 13:21	1
PCB-1248	<0.15		0.50	0.15	ug/L		12/30/11 21:08	01/03/12 13:21	1
PCB-1254	<0.10		0.50	0.10	ug/L		12/30/11 21:08	01/03/12 13:21	1
PCB-1260	<0.077		0.50	0.077	ug/L		12/30/11 21:08	01/03/12 13:21	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*89*		*43 - 111*	*12/30/11 21:08*	*01/03/12 13:21*	*1*
DCB Decachlorobiphenyl	*85*		*24 - 131*	*12/30/11 21:08*	*01/03/12 13:21*	*1*

Lab Sample ID: LCS 500-137222/2-A
Matrix: Water
Analysis Batch: 137288

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 137222

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
PCB-1016			5.00	4.09		ug/L		82	59 - 113		
PCB-1260			5.00	3.75		ug/L		75	54 - 110		

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

Lab Sample ID: LCS 500-137222/2-A
Matrix: Water
Analysis Batch: 137288

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 137222

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*79*		*43 - 111*
DCB Decachlorobiphenyl	*49*		*24 - 131*

Lab Sample ID: LCSD 500-137222/3-A
Matrix: Water
Analysis Batch: 137288

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 137222

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016			5.00	4.70		ug/L		94	59 - 113	14	20
PCB-1260			5.00	4.52		ug/L		90	54 - 110	18	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Tetrachloro-m-xylene	*88*		*43 - 111*
DCB Decachlorobiphenyl	*80*		*24 - 131*

Method: 6020 - Metals (ICP/MS)

Lab Sample ID: MB 500-137262/1-A
Matrix: Water
Analysis Batch: 137399

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 137262

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.14		1.0	0.14	ug/L		01/03/12 08:00	01/04/12 20:47	1
Barium	<0.40		2.5	0.40	ug/L		01/03/12 08:00	01/04/12 20:47	1
Cadmium	<0.12	^	0.50	0.12	ug/L		01/03/12 08:00	01/04/12 20:47	1
Chromium	<0.59		5.0	0.59	ug/L		01/03/12 08:00	01/04/12 20:47	1
Lead	<0.13		0.50	0.13	ug/L		01/03/12 08:00	01/04/12 20:47	1
Selenium	<0.37		2.5	0.37	ug/L		01/03/12 08:00	01/04/12 20:47	1
Silver	<0.11		0.50	0.11	ug/L		01/03/12 08:00	01/04/12 20:47	1

Lab Sample ID: LCS 500-137262/2-A
Matrix: Water
Analysis Batch: 137399

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 137262

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic			100	102		ug/L		102	80 - 120
Barium			500	496		ug/L		99	80 - 120
Cadmium			50.0	49.1	^	ug/L		98	80 - 120
Chromium			200	204		ug/L		102	80 - 120
Lead			100	91.0		ug/L		91	80 - 120
Selenium			100	95.2		ug/L		95	80 - 120
Silver			50.0	50.2		ug/L		100	80 - 120

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 500-137331/7-A
Matrix: Water
Analysis Batch: 137362

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 137331

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.070		0.20	0.070	ug/L		01/03/12 12:55	01/04/12 11:52	1

Lab Sample ID: LCS 500-137331/8-A
Matrix: Water
Analysis Batch: 137362

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 137331

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Mercury			2.00	1.87		ug/L		94	80 - 120		

Lab Sample ID: 610-778-3 MS
Matrix: Ground Water
Analysis Batch: 137362

Client Sample ID: MW-2
Prep Type: Dissolved
Prep Batch: 137331

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Mercury	<0.070		1.00	0.839		ug/L		84	75 - 125		

Lab Sample ID: 610-778-3 MSD
Matrix: Ground Water
Analysis Batch: 137362

Client Sample ID: MW-2
Prep Type: Dissolved
Prep Batch: 137331

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	<0.070		1.00	1.81	F	ug/L		181	75 - 125	73	20

Lab Sample ID: 610-778-3 DU
Matrix: Ground Water
Analysis Batch: 137362

Client Sample ID: MW-2
Prep Type: Dissolved
Prep Batch: 137331

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Mercury	<0.070		<0.070		ug/L		NC	20

GC/MS VOA

Analysis Batch: 1144

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
610-778-3	MW-2	Total/NA	Ground Water	8260B	
610-778-3	MW-2	Total/NA	Ground Water	8260B	
610-778-5	MW-108	Total/NA	Ground Water	8260B	
610-778-5 MS	MW-108	Total/NA	Ground Water	8260B	
610-778-5 MSD	MW-108	Total/NA	Ground Water	8260B	
610-778-6	MW-117	Total/NA	Ground Water	8260B	
610-778-6	MW-117	Total/NA	Ground Water	8260B	
610-778-7	TRIP BLANK	Total/NA	Water	8260B	
LCS 610-1144/1	Lab Control Sample	Total/NA	Water	8260B	
MB 610-1144/4	Method Blank	Total/NA	Water	8260B	

GC/MS Semi VOA

Prep Batch: 137257

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
610-778-1	MW-108	Total/NA	Ground Water	3510C	
610-778-2	MW-117	Total/NA	Ground Water	3510C	
610-778-3 - DL	MW-2	Total/NA	Ground Water	3510C	
610-778-3	MW-2	Total/NA	Ground Water	3510C	
610-778-4	MW-1	Total/NA	Ground Water	3510C	
LCS 500-137257/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 500-137257/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
MB 500-137257/1-A	Method Blank	Total/NA	Water	3510C	

Analysis Batch: 137351

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
610-778-1	MW-108	Total/NA	Ground Water	8270C	137257
610-778-2	MW-117	Total/NA	Ground Water	8270C	137257
610-778-3 - DL	MW-2	Total/NA	Ground Water	8270C	137257
610-778-3	MW-2	Total/NA	Ground Water	8270C	137257
610-778-4	MW-1	Total/NA	Ground Water	8270C	137257
LCS 500-137257/2-A	Lab Control Sample	Total/NA	Water	8270C	137257
LCSD 500-137257/3-A	Lab Control Sample Dup	Total/NA	Water	8270C	137257
MB 500-137257/1-A	Method Blank	Total/NA	Water	8270C	137257

GC Semi VOA

Prep Batch: 137222

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
610-778-3	MW-2	Total/NA	Ground Water	3510C	
610-778-5	MW-108	Total/NA	Ground Water	3510C	
610-778-6	MW-117	Total/NA	Ground Water	3510C	
LCS 500-137222/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 500-137222/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
MB 500-137222/1-A	Method Blank	Total/NA	Water	3510C	

Analysis Batch: 137288

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
610-778-3	MW-2	Total/NA	Ground Water	8082	137222
610-778-5	MW-108	Total/NA	Ground Water	8082	137222
610-778-6	MW-117	Total/NA	Ground Water	8082	137222
LCS 500-137222/2-A	Lab Control Sample	Total/NA	Water	8082	137222

GC Semi VOA (Continued)

Analysis Batch: 137288 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 500-137222/3-A	Lab Control Sample Dup	Total/NA	Water	8082	137222
MB 500-137222/1-A	Method Blank	Total/NA	Water	8082	137222

Metals

Prep Batch: 137262

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
610-778-3	MW-2	Dissolved	Ground Water	3005A	
610-778-5	MW-108	Dissolved	Ground Water	3005A	
610-778-6	MW-117	Dissolved	Ground Water	3005A	
LCS 500-137262/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
MB 500-137262/1-A	Method Blank	Total Recoverable	Water	3005A	

Prep Batch: 137331

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
610-778-3	MW-2	Dissolved	Ground Water	7470A	
610-778-3 DU	MW-2	Dissolved	Ground Water	7470A	
610-778-3 MS	MW-2	Dissolved	Ground Water	7470A	
610-778-3 MSD	MW-2	Dissolved	Ground Water	7470A	
610-778-5	MW-108	Dissolved	Ground Water	7470A	
610-778-6	MW-117	Dissolved	Ground Water	7470A	
LCS 500-137331/8-A	Lab Control Sample	Total/NA	Water	7470A	
MB 500-137331/7-A	Method Blank	Total/NA	Water	7470A	

Analysis Batch: 137362

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
610-778-3	MW-2	Dissolved	Ground Water	7470A	137331
610-778-3 DU	MW-2	Dissolved	Ground Water	7470A	137331
610-778-3 MS	MW-2	Dissolved	Ground Water	7470A	137331
610-778-3 MSD	MW-2	Dissolved	Ground Water	7470A	137331
610-778-5	MW-108	Dissolved	Ground Water	7470A	137331
610-778-6	MW-117	Dissolved	Ground Water	7470A	137331
LCS 500-137331/8-A	Lab Control Sample	Total/NA	Water	7470A	137331
MB 500-137331/7-A	Method Blank	Total/NA	Water	7470A	137331

Analysis Batch: 137399

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
610-778-3	MW-2	Dissolved	Ground Water	6020	137262
610-778-5	MW-108	Dissolved	Ground Water	6020	137262
LCS 500-137262/2-A	Lab Control Sample	Total Recoverable	Water	6020	137262
MB 500-137262/1-A	Method Blank	Total Recoverable	Water	6020	137262

Analysis Batch: 137802

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
610-778-6	MW-117	Dissolved	Ground Water	6020	137262

Client Sample ID: MW-108

Lab Sample ID: 610-778-1

Date Collected: 12/28/11 10:20

Matrix: Ground Water

Date Received: 12/29/11 12:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			137257	01/03/12 09:15	JD	TAL CHI
Total/NA	Analysis	8270C		1	137351	01/04/12 16:26	GES	TAL CHI

Client Sample ID: MW-117

Lab Sample ID: 610-778-2

Date Collected: 12/28/11 10:50

Matrix: Ground Water

Date Received: 12/29/11 12:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			137257	01/03/12 09:15	JD	TAL CHI
Total/NA	Analysis	8270C		100	137351	01/04/12 16:48	GES	TAL CHI

Client Sample ID: MW-2

Lab Sample ID: 610-778-3

Date Collected: 12/28/11 12:00

Matrix: Ground Water

Date Received: 12/29/11 12:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		100	1144	12/30/11 12:13	ME	TAL WAT
Total/NA	Analysis	8260B		2	1144	12/30/11 09:07	ME	TAL WAT
Total/NA	Prep	3510C	DL		137257	01/03/12 09:15	JD	TAL CHI
Total/NA	Analysis	8270C	DL	50	137351	01/04/12 19:39	GES	TAL CHI
Total/NA	Prep	3510C			137257	01/03/12 09:15	JD	TAL CHI
Total/NA	Analysis	8270C		1	137351	01/04/12 17:09	GES	TAL CHI
Total/NA	Prep	3510C			137222	12/30/11 21:08	JP	TAL CHI
Total/NA	Analysis	8082		1	137288	01/03/12 14:33	GMO	TAL CHI
Dissolved	Prep	7470A			137331	01/03/12 12:55	MBG	TAL CHI
Dissolved	Analysis	7470A		1	137362	01/04/12 12:06	MBG	TAL CHI
Dissolved	Prep	3005A			137262	01/03/12 08:00	LAH	TAL CHI
Dissolved	Analysis	6020		1	137399	01/04/12 20:52	PFK	TAL CHI

Client Sample ID: MW-1

Lab Sample ID: 610-778-4

Date Collected: 12/28/11 13:05

Matrix: Ground Water

Date Received: 12/29/11 12:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			137257	01/03/12 09:15	JD	TAL CHI
Total/NA	Analysis	8270C		1	137351	01/04/12 18:14	GES	TAL CHI

Client Sample ID: MW-108

Lab Sample ID: 610-778-5

Date Collected: 12/28/11 14:00

Matrix: Ground Water

Date Received: 12/29/11 12:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	1144	12/30/11 08:41	ME	TAL WAT
Total/NA	Prep	3510C			137222	12/30/11 21:08	JP	TAL CHI

Lab Chronicle

Client: Tetra Tech GEO
Project/Site: Beazer Wabash Alloys 117-2201257.02

TestAmerica Job ID: 610-778-1

Client Sample ID: MW-108

Date Collected: 12/28/11 14:00
Date Received: 12/29/11 12:33

Lab Sample ID: 610-778-5

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8082		1	137288	01/03/12 14:47	GMO	TAL CHI
Dissolved	Prep	7470A			137331	01/03/12 12:55	MBG	TAL CHI
Dissolved	Analysis	7470A		1	137362	01/04/12 12:17	MBG	TAL CHI
Dissolved	Prep	3005A			137262	01/03/12 08:00	LAH	TAL CHI
Dissolved	Analysis	6020		1	137399	01/04/12 20:54	PFK	TAL CHI

Client Sample ID: MW-117

Date Collected: 12/28/11 14:40
Date Received: 12/29/11 12:33

Lab Sample ID: 610-778-6

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		400	1144	12/30/11 12:40	ME	TAL WAT
Total/NA	Analysis	8260B		80	1144	12/30/11 09:34	ME	TAL WAT
Total/NA	Prep	3510C			137222	12/30/11 21:08	JP	TAL CHI
Total/NA	Analysis	8082		10	137288	01/03/12 15:02	GMO	TAL CHI
Dissolved	Prep	7470A			137331	01/03/12 12:55	MBG	TAL CHI
Dissolved	Analysis	7470A		1	137362	01/04/12 12:20	MBG	TAL CHI
Dissolved	Prep	3005A			137262	01/03/12 08:00	LAH	TAL CHI
Dissolved	Analysis	6020		1	137802	01/11/12 09:54	PFK	TAL CHI

Client Sample ID: TRIP BLANK

Date Collected: 12/28/11 00:00
Date Received: 12/29/11 12:33

Lab Sample ID: 610-778-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	1144	12/30/11 08:14	ME	TAL WAT

Laboratory References:

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

TAL WAT = TestAmerica Watertown, 1101 Industrial Drive, Watertown, WI 53094, TEL (920)261-1660

Certification Summary

Client: Tetra Tech GEO
Project/Site: Beazer Wabash Alloys 117-2201257.02

TestAmerica Job ID: 610-778-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Watertown		WI Dept of Agriculture (Micro)		105-266
TestAmerica Watertown	Illinois	NELAC	5	100453
TestAmerica Watertown	Wisconsin	State Program	5	128053530
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	L-A-B	DoD ELAP		L2304
TestAmerica Chicago	L-A-B	ISO/IEC 17025		L2304
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: Beazer Wabash Alloys 117-2201257.02

TestAmerica Job ID: 610-778-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL WAT
8270C	Semivolatile Organic Compounds (GC/MS)	SW846	TAL CHI
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL CHI
6020	Metals (ICP/MS)	SW846	TAL CHI
7470A	Mercury (CVAA)	SW846	TAL CHI

Protocol References:

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 WAT = TestAmerica Watertown, 1101 Industrial Drive, Watertown, WI 53094, TEL (920)261-1660

Sample Summary

Client: Tetra Tech GEO
Project/Site: Beazer Wabash Alloys 117-2201257.02

TestAmerica Job ID: 610-778-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
610-778-1	MW-108	Ground Water	12/28/11 10:20	12/29/11 12:33
610-778-2	MW-117	Ground Water	12/28/11 10:50	12/29/11 12:33
610-778-3	MW-2	Ground Water	12/28/11 12:00	12/29/11 12:33
610-778-4	MW-1	Ground Water	12/28/11 13:05	12/29/11 12:33
610-778-5	MW-108	Ground Water	12/28/11 14:00	12/29/11 12:33
610-778-6	MW-117	Ground Water	12/28/11 14:40	12/29/11 12:33
610-778-7	TRIP BLANK	Water	12/28/11 00:00	12/29/11 12:33

610-778

TestAmerica ANALYTICAL TESTING CORPORATION

☐ Nashville, TN ☐ Orlando, FL ☐ Cedar Falls, IA
☐ Dayton, OH ☒ Watertown, WI ☐ Pontiac, MI
☐ Indianapolis, IN

To assist us in using the proper analytical methods, is this work being conducted for regulatory purposes?
Compliance Monitoring? Yes No
Enforcement Action? Yes No

Client Name/Account #: Tetra Tech GEO
Address: 175 N Corporate Drive, Suite 100
City/State/Zip: Brookfield, WI 53045
Project Manager: Mike Noel
Telephone Number: 262-792-1282 **Fax No.:** 262-792-1310
Sampler Name: (Print) Kevin Lincicum
Sampler Signature: Kevin Lincicum

Report To: Dan Morgan
Invoice To: Tetra Tech GEO
TA Quote #:
Project ID: Beazer Wabash Alloys
Project #: 117-2201257.02

Sample ID / Description	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Ice	HNO_3 (Red Label)	HCl (Blue Label)	NaOH (Orange Label)	H_2SO_4 Plastic (Yellow Label)	H_2SO_4 Glass(Yellow Label)	None (Black Label)	methanol	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Other (specify):	Analyze For: VOCs	PAHs	PCBs	RCRA metals	RUSH TAT (Pre-Schedule)	Standard TAT	Fax Results	Send QC with report
MW-108	12/28/11	1020	2	X		N							2		X							X				X		
MW-117	12/28/11	1050	2	X		N							2		X							X				X		
MW-2	12/28/11	1200	8	X		Y*		1	3				4		X						X	X	X	X		X		
MW-1	12/28/11	1305	2	X		N							2		X							X				X		
MW-108	12/28/11	1400	5	X		Y*		1	3				2		X						X		X	X		X		
MW-117	12/28/11	1440	5	X		Y*		1	3				2		X						X		X	X		X		
trip blank																					X					X		

Special Instructions:
* metals sample filtered

Method of Shipment: COURIER

Laboratory Comments:
Temperature Upon Receipt: 4.3°C
Sample Containers Intact? Y N
VOCs Free of Headspace? Y N

Relinquished by:	Date	Time	Received by:	Date	Time
Kevin Lincicum	12/29/2011	0800		12-29-11	10:15
Relinquished by:	Date	Time	Received by TestAmerica	Date	Time
	12-29-11	1226		12-29-11	1233

1/12/2012

Login Sample Receipt Checklist

Client: Tetra Tech GEO

Job Number: 610-778-1

Login Number: 778

List Number: 1

Creator: Stark, Adam

List Source: TestAmerica Watertown

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	4.3
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 sample IDs on the containers and the COC.	False	COC says 5 containers received for MW-108 and MW-117 6 were received
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Tetra Tech GEO

Job Number: 610-778-1

Login Number: 778
List Number: 1
Creator: Lunt, Jeff T

List Source: TestAmerica Chicago
List Creation: 12/30/11 11:21 AM

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

Login Sample Receipt Checklist

Client: Tetra Tech GEO

Job Number: 610-778-1

Login Number: 778
List Number: 2
Creator: Lunt, Jeff T

List Source: TestAmerica Chicago
List Creation: 12/30/11 11:22 AM

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
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 Watertown
1101 Industrial Drive
Watertown, WI 53094
Tel: (920)261-1660

TestAmerica Job ID: 610-800-1
Client Project/Site: Beazer Wabash Alloys 117-2201257.02

For:
Tetra Tech GEO
175 N Corporate Drive
Suite 100
Brookfield, Wisconsin 53045

Attn: Michael Noel

Authorized for release by:
1/12/2012 1:53:59 PM
Brian DeJong
Project Manager I
brian.dejong@testamericainc.com

Designee for

Dan Milewsky
Project Manager II
dan.milewsky@testamericainc.com

LINKS

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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: Beazer Wabash Alloys 117-2201257.02

TestAmerica Job ID: 610-800-1

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.

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.

Glossary

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

Detection Summary

Client: Tetra Tech GEO
Project/Site: Beazer Wabash Alloys 117-2201257.02

TestAmerica Job ID: 610-800-1

Client Sample ID: MW-1 — Lab Sample ID: 610-800-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	0.43	J	5.0	0.25	ug/L	1		8260B	Total/NA
Arsenic	0.65	J	1.0	0.14	ug/L	1		6020	Dissolved
Barium	40		2.5	0.40	ug/L	1		6020	Dissolved
Selenium	0.82	J	2.5	0.37	ug/L	1		6020	Dissolved

Client Sample ID: MW-115 — Lab Sample ID: 610-800-2

No Detections

Client Sample ID: MW-112 — Lab Sample ID: 610-800-3

No Detections

Client Sample ID: P-113 — Lab Sample ID: 610-800-4

No Detections

Client Sample ID: MW-116 — Lab Sample ID: 610-800-5

No Detections

Client Sample ID: MW-102 — Lab Sample ID: 610-800-6

No Detections

Client Sample ID: MW-104 — Lab Sample ID: 610-800-7

No Detections

Client Sample ID: MW-105 — Lab Sample ID: 610-800-8

No Detections

Client Sample ID: P-110 — Lab Sample ID: 610-800-9

No Detections

Client Sample ID: MW-111 — Lab Sample ID: 610-800-10

No Detections

Client Sample ID: TRIP BLANK — Lab Sample ID: 610-800-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	1.2	J	2.0	1.0	ug/L	1		8260B	Total/NA

Client: Tetra Tech GEO
Project/Site: Beazer Wabash Alloys 117-2201257.02

TestAmerica Job ID: 610-800-1

Client Sample ID: MW-1
Date Collected: 12/29/11 09:40
Date Received: 01/03/12 13:14

Lab Sample ID: 610-800-1
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.20		2.0	0.20	ug/L			01/04/12 11:26	1
Bromobenzene	<0.20		2.0	0.20	ug/L			01/04/12 11:26	1
Bromochloromethane	<0.50		2.0	0.50	ug/L			01/04/12 11:26	1
Bromodichloromethane	<0.20		2.0	0.20	ug/L			01/04/12 11:26	1
Bromoform	<0.20		5.0	0.20	ug/L			01/04/12 11:26	1
Bromomethane	<0.50		5.0	0.50	ug/L			01/04/12 11:26	1
n-Butylbenzene	<0.20		2.0	0.20	ug/L			01/04/12 11:26	1
sec-Butylbenzene	<0.25		2.0	0.25	ug/L			01/04/12 11:26	1
tert-Butylbenzene	<0.20		2.0	0.20	ug/L			01/04/12 11:26	1
Carbon tetrachloride	<0.80		2.0	0.80	ug/L			01/04/12 11:26	1
Chlorobenzene	<0.20		2.0	0.20	ug/L			01/04/12 11:26	1
Chlorodibromomethane	<0.20		2.0	0.20	ug/L			01/04/12 11:26	1
Chloroethane	<1.0		5.0	1.0	ug/L			01/04/12 11:26	1
Chloroform	<0.20		2.0	0.20	ug/L			01/04/12 11:26	1
Chloromethane	<0.30		2.0	0.30	ug/L			01/04/12 11:26	1
2-Chlorotoluene	<0.50		2.0	0.50	ug/L			01/04/12 11:26	1
4-Chlorotoluene	<0.20		2.0	0.20	ug/L			01/04/12 11:26	1
1,2-Dibromo-3-Chloropropane	<0.50		2.0	0.50	ug/L			01/04/12 11:26	1
1,2-Dibromoethane (EDB)	<0.20		2.0	0.20	ug/L			01/04/12 11:26	1
Dibromomethane	<0.20		2.0	0.20	ug/L			01/04/12 11:26	1
1,2-Dichlorobenzene	<0.20		2.0	0.20	ug/L			01/04/12 11:26	1
1,3-Dichlorobenzene	<0.20		2.0	0.20	ug/L			01/04/12 11:26	1
1,4-Dichlorobenzene	<0.50		2.0	0.50	ug/L			01/04/12 11:26	1
Dichlorodifluoromethane	<0.50		2.0	0.50	ug/L			01/04/12 11:26	1
1,1-Dichloroethane	<0.50		2.0	0.50	ug/L			01/04/12 11:26	1
1,2-Dichloroethane	<0.50		2.0	0.50	ug/L			01/04/12 11:26	1
1,1-Dichloroethene	<0.50		2.0	0.50	ug/L			01/04/12 11:26	1
cis-1,2-Dichloroethene	<0.50		2.0	0.50	ug/L			01/04/12 11:26	1
trans-1,2-Dichloroethene	<0.50		2.0	0.50	ug/L			01/04/12 11:26	1
1,2-Dichloropropane	<0.50		2.0	0.50	ug/L			01/04/12 11:26	1
1,3-Dichloropropane	<0.25		2.0	0.25	ug/L			01/04/12 11:26	1
2,2-Dichloropropane	<0.50		2.0	0.50	ug/L			01/04/12 11:26	1
1,1-Dichloropropene	<0.50		2.0	0.50	ug/L			01/04/12 11:26	1
cis-1,3-Dichloropropene	<0.20		2.0	0.20	ug/L			01/04/12 11:26	1
trans-1,3-Dichloropropene	<0.20		2.0	0.20	ug/L			01/04/12 11:26	1
Isopropyl ether	<0.50		2.0	0.50	ug/L			01/04/12 11:26	1
Ethylbenzene	<0.50		2.0	0.50	ug/L			01/04/12 11:26	1
Hexachlorobutadiene	<0.50		2.0	0.50	ug/L			01/04/12 11:26	1
Isopropylbenzene	<0.20		2.0	0.20	ug/L			01/04/12 11:26	1
p-Isopropyltoluene	<0.20		2.0	0.20	ug/L			01/04/12 11:26	1
Methylene Chloride	<1.0		2.0	1.0	ug/L			01/04/12 11:26	1
Methyl tert-butyl ether	<0.50		2.0	0.50	ug/L			01/04/12 11:26	1
Naphthalene	**0.43**	**J**	5.0	0.25	ug/L			01/04/12 11:26	1
N-Propylbenzene	<0.50		2.0	0.50	ug/L			01/04/12 11:26	1
Styrene	<0.50		5.0	0.50	ug/L			01/04/12 11:26	1
1,1,1,2-Tetrachloroethane	<0.25		2.0	0.25	ug/L			01/04/12 11:26	1
1,1,2,2-Tetrachloroethane	<0.20		2.0	0.20	ug/L			01/04/12 11:26	1
Tetrachloroethene	<0.50		2.0	0.50	ug/L			01/04/12 11:26	1
Toluene	<0.50		2.0	0.50	ug/L			01/04/12 11:26	1
1,2,3-Trichlorobenzene	<0.25		2.0	0.25	ug/L			01/04/12 11:26	1

Client Sample ID: MW-1

Date Collected: 12/29/11 09:40
Date Received: 01/03/12 13:14

Lab Sample ID: 610-800-1
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.25		2.0	0.25	ug/L			01/04/12 11:26	1
1,1,1-Trichloroethane	<0.50		2.0	0.50	ug/L			01/04/12 11:26	1
1,1,2-Trichloroethane	<0.25		2.0	0.25	ug/L			01/04/12 11:26	1
Trichloroethene	<0.20		2.0	0.20	ug/L			01/04/12 11:26	1
Trichlorofluoromethane	<0.50		2.0	0.50	ug/L			01/04/12 11:26	1
1,2,3-Trichloropropane	<0.50		2.0	0.50	ug/L			01/04/12 11:26	1
1,2,4-Trimethylbenzene	<0.20		2.0	0.20	ug/L			01/04/12 11:26	1
1,3,5-Trimethylbenzene	<0.20		2.0	0.20	ug/L			01/04/12 11:26	1
Vinyl chloride	<0.20		2.0	0.20	ug/L			01/04/12 11:26	1
Xylenes, Total	<0.50		6.0	0.50	ug/L			01/04/12 11:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*		*01/04/12 11:26*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*01/04/12 11:26*	*1*
Dibromofluoromethane (Surr)	*104*		*80 - 120*		*01/04/12 11:26*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.047		0.47	0.047	ug/L		01/04/12 18:16	01/05/12 13:06	1
PCB-1221	<0.16		0.47	0.16	ug/L		01/04/12 18:16	01/05/12 13:06	1
PCB-1232	<0.15		0.47	0.15	ug/L		01/04/12 18:16	01/05/12 13:06	1
PCB-1242	<0.12		0.47	0.12	ug/L		01/04/12 18:16	01/05/12 13:06	1
PCB-1248	<0.14		0.47	0.14	ug/L		01/04/12 18:16	01/05/12 13:06	1
PCB-1254	<0.093		0.47	0.093	ug/L		01/04/12 18:16	01/05/12 13:06	1
PCB-1260	<0.072		0.47	0.072	ug/L		01/04/12 18:16	01/05/12 13:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*72*		*43 - 111*	*01/04/12 18:16*	*01/05/12 13:06*	*1*
DCB Decachlorobiphenyl	*26*		*24 - 131*	*01/04/12 18:16*	*01/05/12 13:06*	*1*

Method: 6020 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.11		0.50	0.11	ug/L		01/05/12 09:00	01/11/12 10:24	1
Arsenic	**0.65**	**J**	1.0	0.14	ug/L		01/05/12 09:00	01/11/12 10:24	1
Barium	**40**		2.5	0.40	ug/L		01/05/12 09:00	01/11/12 10:24	1
Cadmium	<0.12		0.50	0.12	ug/L		01/05/12 09:00	01/11/12 10:24	1
Chromium	<0.59		5.0	0.59	ug/L		01/05/12 09:00	01/11/12 10:24	1
Lead	<0.13		0.50	0.13	ug/L		01/05/12 09:00	01/11/12 10:24	1
Selenium	**0.82**	**J**	2.5	0.37	ug/L		01/05/12 09:00	01/11/12 10:24	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.070		0.20	0.070	ug/L		01/05/12 08:55	01/05/12 12:13	1

Client Sample ID: MW-115

Date Collected: 12/29/11 10:25
Date Received: 01/03/12 13:14

Lab Sample ID: 610-800-2
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.047		0.47	0.047	ug/L		01/04/12 18:16	01/05/12 13:20	1

Client Sample ID: MW-115

Date Collected: 12/29/11 10:25
Date Received: 01/03/12 13:14

Lab Sample ID: 610-800-2
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	<0.16		0.47	0.16	ug/L		01/04/12 18:16	01/05/12 13:20	1
PCB-1232	<0.15		0.47	0.15	ug/L		01/04/12 18:16	01/05/12 13:20	1
PCB-1242	<0.12		0.47	0.12	ug/L		01/04/12 18:16	01/05/12 13:20	1
PCB-1248	<0.14		0.47	0.14	ug/L		01/04/12 18:16	01/05/12 13:20	1
PCB-1254	<0.093		0.47	0.093	ug/L		01/04/12 18:16	01/05/12 13:20	1
PCB-1260	<0.072		0.47	0.072	ug/L		01/04/12 18:16	01/05/12 13:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*81*		*43 - 111*	*01/04/12 18:16*	*01/05/12 13:20*	*1*
DCB Decachlorobiphenyl	*44*		*24 - 131*	*01/04/12 18:16*	*01/05/12 13:20*	*1*

Client Sample ID: MW-112

Date Collected: 12/29/11 10:50
Date Received: 01/03/12 13:14

Lab Sample ID: 610-800-3
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.047		0.47	0.047	ug/L		01/04/12 18:16	01/05/12 13:35	1
PCB-1221	<0.16		0.47	0.16	ug/L		01/04/12 18:16	01/05/12 13:35	1
PCB-1232	<0.15		0.47	0.15	ug/L		01/04/12 18:16	01/05/12 13:35	1
PCB-1242	<0.12		0.47	0.12	ug/L		01/04/12 18:16	01/05/12 13:35	1
PCB-1248	<0.14		0.47	0.14	ug/L		01/04/12 18:16	01/05/12 13:35	1
PCB-1254	<0.093		0.47	0.093	ug/L		01/04/12 18:16	01/05/12 13:35	1
PCB-1260	<0.072		0.47	0.072	ug/L		01/04/12 18:16	01/05/12 13:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*68*		*43 - 111*	*01/04/12 18:16*	*01/05/12 13:35*	*1*
DCB Decachlorobiphenyl	*53*		*24 - 131*	*01/04/12 18:16*	*01/05/12 13:35*	*1*

Client Sample ID: P-113

Date Collected: 12/29/11 11:15
Date Received: 01/03/12 13:14

Lab Sample ID: 610-800-4
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.047		0.47	0.047	ug/L		01/04/12 18:16	01/05/12 13:49	1
PCB-1221	<0.16		0.47	0.16	ug/L		01/04/12 18:16	01/05/12 13:49	1
PCB-1232	<0.15		0.47	0.15	ug/L		01/04/12 18:16	01/05/12 13:49	1
PCB-1242	<0.12		0.47	0.12	ug/L		01/04/12 18:16	01/05/12 13:49	1
PCB-1248	<0.14		0.47	0.14	ug/L		01/04/12 18:16	01/05/12 13:49	1
PCB-1254	<0.093		0.47	0.093	ug/L		01/04/12 18:16	01/05/12 13:49	1
PCB-1260	<0.072		0.47	0.072	ug/L		01/04/12 18:16	01/05/12 13:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*85*		*43 - 111*	*01/04/12 18:16*	*01/05/12 13:49*	*1*
DCB Decachlorobiphenyl	*80*		*24 - 131*	*01/04/12 18:16*	*01/05/12 13:49*	*1*

Client Sample ID: MW-116

Date Collected: 12/29/11 13:10
Date Received: 01/03/12 13:14

Lab Sample ID: 610-800-5
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.047		0.47	0.047	ug/L		01/04/12 18:16	01/05/12 14:03	1
PCB-1221	<0.16		0.47	0.16	ug/L		01/04/12 18:16	01/05/12 14:03	1
PCB-1232	<0.15		0.47	0.15	ug/L		01/04/12 18:16	01/05/12 14:03	1
PCB-1242	<0.12		0.47	0.12	ug/L		01/04/12 18:16	01/05/12 14:03	1
PCB-1248	<0.14		0.47	0.14	ug/L		01/04/12 18:16	01/05/12 14:03	1
PCB-1254	<0.093		0.47	0.093	ug/L		01/04/12 18:16	01/05/12 14:03	1
PCB-1260	<0.072		0.47	0.072	ug/L		01/04/12 18:16	01/05/12 14:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*80*		*43 - 111*	*01/04/12 18:16*	*01/05/12 14:03*	*1*
DCB Decachlorobiphenyl	*37*		*24 - 131*	*01/04/12 18:16*	*01/05/12 14:03*	*1*

Client Sample ID: MW-102

Date Collected: 12/29/11 14:00
Date Received: 01/03/12 13:14

Lab Sample ID: 610-800-6
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.047		0.47	0.047	ug/L		01/04/12 18:16	01/05/12 14:18	1
PCB-1221	<0.16		0.47	0.16	ug/L		01/04/12 18:16	01/05/12 14:18	1
PCB-1232	<0.15		0.47	0.15	ug/L		01/04/12 18:16	01/05/12 14:18	1
PCB-1242	<0.12		0.47	0.12	ug/L		01/04/12 18:16	01/05/12 14:18	1
PCB-1248	<0.14		0.47	0.14	ug/L		01/04/12 18:16	01/05/12 14:18	1
PCB-1254	<0.093		0.47	0.093	ug/L		01/04/12 18:16	01/05/12 14:18	1
PCB-1260	<0.072		0.47	0.072	ug/L		01/04/12 18:16	01/05/12 14:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*78*		*43 - 111*	*01/04/12 18:16*	*01/05/12 14:18*	*1*
DCB Decachlorobiphenyl	*40*		*24 - 131*	*01/04/12 18:16*	*01/05/12 14:18*	*1*

Client Sample ID: MW-104

Date Collected: 12/30/11 10:20
Date Received: 01/03/12 13:14

Lab Sample ID: 610-800-7
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.047		0.47	0.047	ug/L		01/04/12 18:16	01/05/12 14:32	1
PCB-1221	<0.16		0.47	0.16	ug/L		01/04/12 18:16	01/05/12 14:32	1
PCB-1232	<0.15		0.47	0.15	ug/L		01/04/12 18:16	01/05/12 14:32	1
PCB-1242	<0.12		0.47	0.12	ug/L		01/04/12 18:16	01/05/12 14:32	1
PCB-1248	<0.14		0.47	0.14	ug/L		01/04/12 18:16	01/05/12 14:32	1
PCB-1254	<0.093		0.47	0.093	ug/L		01/04/12 18:16	01/05/12 14:32	1
PCB-1260	<0.072		0.47	0.072	ug/L		01/04/12 18:16	01/05/12 14:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*89*		*43 - 111*	*01/04/12 18:16*	*01/05/12 14:32*	*1*
DCB Decachlorobiphenyl	*49*		*24 - 131*	*01/04/12 18:16*	*01/05/12 14:32*	*1*

Client Sample ID: MW-105

Date Collected: 12/30/11 10:30
Date Received: 01/03/12 13:14

Lab Sample ID: 610-800-8
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.047		0.47	0.047	ug/L		01/04/12 18:16	01/05/12 14:47	1
PCB-1221	<0.16		0.47	0.16	ug/L		01/04/12 18:16	01/05/12 14:47	1
PCB-1232	<0.15		0.47	0.15	ug/L		01/04/12 18:16	01/05/12 14:47	1
PCB-1242	<0.12		0.47	0.12	ug/L		01/04/12 18:16	01/05/12 14:47	1
PCB-1248	<0.14		0.47	0.14	ug/L		01/04/12 18:16	01/05/12 14:47	1
PCB-1254	<0.093		0.47	0.093	ug/L		01/04/12 18:16	01/05/12 14:47	1
PCB-1260	<0.072		0.47	0.072	ug/L		01/04/12 18:16	01/05/12 14:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*86*		*43 - 111*	*01/04/12 18:16*	*01/05/12 14:47*	*1*
DCB Decachlorobiphenyl	*71*		*24 - 131*	*01/04/12 18:16*	*01/05/12 14:47*	*1*

Client Sample ID: P-110

Date Collected: 12/30/11 11:30
Date Received: 01/03/12 13:14

Lab Sample ID: 610-800-9
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.047		0.47	0.047	ug/L		01/04/12 18:16	01/05/12 15:01	1
PCB-1221	<0.16		0.47	0.16	ug/L		01/04/12 18:16	01/05/12 15:01	1
PCB-1232	<0.15		0.47	0.15	ug/L		01/04/12 18:16	01/05/12 15:01	1
PCB-1242	<0.12		0.47	0.12	ug/L		01/04/12 18:16	01/05/12 15:01	1
PCB-1248	<0.14		0.47	0.14	ug/L		01/04/12 18:16	01/05/12 15:01	1
PCB-1254	<0.093		0.47	0.093	ug/L		01/04/12 18:16	01/05/12 15:01	1
PCB-1260	<0.072		0.47	0.072	ug/L		01/04/12 18:16	01/05/12 15:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*60*		*43 - 111*	*01/04/12 18:16*	*01/05/12 15:01*	*1*
DCB Decachlorobiphenyl	*61*		*24 - 131*	*01/04/12 18:16*	*01/05/12 15:01*	*1*

Client Sample ID: MW-111

Date Collected: 12/30/11 12:05
Date Received: 01/03/12 13:14

Lab Sample ID: 610-800-10
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.047		0.47	0.047	ug/L		01/04/12 18:16	01/05/12 15:15	1
PCB-1221	<0.16		0.47	0.16	ug/L		01/04/12 18:16	01/05/12 15:15	1
PCB-1232	<0.15		0.47	0.15	ug/L		01/04/12 18:16	01/05/12 15:15	1
PCB-1242	<0.12		0.47	0.12	ug/L		01/04/12 18:16	01/05/12 15:15	1
PCB-1248	<0.14		0.47	0.14	ug/L		01/04/12 18:16	01/05/12 15:15	1
PCB-1254	<0.093		0.47	0.093	ug/L		01/04/12 18:16	01/05/12 15:15	1
PCB-1260	<0.072		0.47	0.072	ug/L		01/04/12 18:16	01/05/12 15:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*79*		*43 - 111*	*01/04/12 18:16*	*01/05/12 15:15*	*1*
DCB Decachlorobiphenyl	*30*		*24 - 131*	*01/04/12 18:16*	*01/05/12 15:15*	*1*

Client: Tetra Tech GEO
Project/Site: Beazer Wabash Alloys 117-2201257.02

TestAmerica Job ID: 610-800-1

Client Sample ID: TRIP BLANK
Date Collected: 12/30/11 00:00
Date Received: 01/03/12 13:14

Lab Sample ID: 610-800-11
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.20		2.0	0.20	ug/L			01/04/12 07:54	1
Bromobenzene	<0.20		2.0	0.20	ug/L			01/04/12 07:54	1
Bromochloromethane	<0.50		2.0	0.50	ug/L			01/04/12 07:54	1
Bromodichloromethane	<0.20		2.0	0.20	ug/L			01/04/12 07:54	1
Bromoform	<0.20		5.0	0.20	ug/L			01/04/12 07:54	1
Bromomethane	<0.50		5.0	0.50	ug/L			01/04/12 07:54	1
n-Butylbenzene	<0.20		2.0	0.20	ug/L			01/04/12 07:54	1
sec-Butylbenzene	<0.25		2.0	0.25	ug/L			01/04/12 07:54	1
tert-Butylbenzene	<0.20		2.0	0.20	ug/L			01/04/12 07:54	1
Carbon tetrachloride	<0.80		2.0	0.80	ug/L			01/04/12 07:54	1
Chlorobenzene	<0.20		2.0	0.20	ug/L			01/04/12 07:54	1
Chlorodibromomethane	<0.20		2.0	0.20	ug/L			01/04/12 07:54	1
Chloroethane	<1.0		5.0	1.0	ug/L			01/04/12 07:54	1
Chloroform	<0.20		2.0	0.20	ug/L			01/04/12 07:54	1
Chloromethane	<0.30		2.0	0.30	ug/L			01/04/12 07:54	1
2-Chlorotoluene	<0.50		2.0	0.50	ug/L			01/04/12 07:54	1
4-Chlorotoluene	<0.20		2.0	0.20	ug/L			01/04/12 07:54	1
1,2-Dibromo-3-Chloropropane	<0.50		2.0	0.50	ug/L			01/04/12 07:54	1
1,2-Dibromoethane (EDB)	<0.20		2.0	0.20	ug/L			01/04/12 07:54	1
Dibromomethane	<0.20		2.0	0.20	ug/L			01/04/12 07:54	1
1,2-Dichlorobenzene	<0.20		2.0	0.20	ug/L			01/04/12 07:54	1
1,3-Dichlorobenzene	<0.20		2.0	0.20	ug/L			01/04/12 07:54	1
1,4-Dichlorobenzene	<0.50		2.0	0.50	ug/L			01/04/12 07:54	1
Dichlorodifluoromethane	<0.50		2.0	0.50	ug/L			01/04/12 07:54	1
1,1-Dichloroethane	<0.50		2.0	0.50	ug/L			01/04/12 07:54	1
1,2-Dichloroethane	<0.50		2.0	0.50	ug/L			01/04/12 07:54	1
1,1-Dichloroethene	<0.50		2.0	0.50	ug/L			01/04/12 07:54	1
cis-1,2-Dichloroethene	<0.50		2.0	0.50	ug/L			01/04/12 07:54	1
trans-1,2-Dichloroethene	<0.50		2.0	0.50	ug/L			01/04/12 07:54	1
1,2-Dichloropropane	<0.50		2.0	0.50	ug/L			01/04/12 07:54	1
1,3-Dichloropropane	<0.25		2.0	0.25	ug/L			01/04/12 07:54	1
2,2-Dichloropropane	<0.50		2.0	0.50	ug/L			01/04/12 07:54	1
1,1-Dichloropropene	<0.50		2.0	0.50	ug/L			01/04/12 07:54	1
cis-1,3-Dichloropropene	<0.20		2.0	0.20	ug/L			01/04/12 07:54	1
trans-1,3-Dichloropropene	<0.20		2.0	0.20	ug/L			01/04/12 07:54	1
Isopropyl ether	<0.50		2.0	0.50	ug/L			01/04/12 07:54	1
Ethylbenzene	<0.50		2.0	0.50	ug/L			01/04/12 07:54	1
Hexachlorobutadiene	<0.50		2.0	0.50	ug/L			01/04/12 07:54	1
Isopropylbenzene	<0.20		2.0	0.20	ug/L			01/04/12 07:54	1
p-Isopropyltoluene	<0.20		2.0	0.20	ug/L			01/04/12 07:54	1
Methylene Chloride	**1.2**	**J**	2.0	1.0	ug/L			01/04/12 07:54	1
Methyl tert-butyl ether	<0.50		2.0	0.50	ug/L			01/04/12 07:54	1
Naphthalene	<0.25		5.0	0.25	ug/L			01/04/12 07:54	1
N-Propylbenzene	<0.50		2.0	0.50	ug/L			01/04/12 07:54	1
Styrene	<0.50		5.0	0.50	ug/L			01/04/12 07:54	1
1,1,1,2-Tetrachloroethane	<0.25		2.0	0.25	ug/L			01/04/12 07:54	1
1,1,2,2-Tetrachloroethane	<0.20		2.0	0.20	ug/L			01/04/12 07:54	1
Tetrachloroethene	<0.50		2.0	0.50	ug/L			01/04/12 07:54	1
Toluene	<0.50		2.0	0.50	ug/L			01/04/12 07:54	1
1,2,3-Trichlorobenzene	<0.25		2.0	0.25	ug/L			01/04/12 07:54	1

Client: Tetra Tech GEO
Project/Site: Beazer Wabash Alloys 117-2201257.02

TestAmerica Job ID: 610-800-1

Client Sample ID: TRIP BLANK
Date Collected: 12/30/11 00:00
Date Received: 01/03/12 13:14

Lab Sample ID: 610-800-11
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.25		2.0	0.25	ug/L			01/04/12 07:54	1
1,1,1-Trichloroethane	<0.50		2.0	0.50	ug/L			01/04/12 07:54	1
1,1,2-Trichloroethane	<0.25		2.0	0.25	ug/L			01/04/12 07:54	1
Trichloroethene	<0.20		2.0	0.20	ug/L			01/04/12 07:54	1
Trichlorofluoromethane	<0.50		2.0	0.50	ug/L			01/04/12 07:54	1
1,2,3-Trichloropropane	<0.50		2.0	0.50	ug/L			01/04/12 07:54	1
1,2,4-Trimethylbenzene	<0.20		2.0	0.20	ug/L			01/04/12 07:54	1
1,3,5-Trimethylbenzene	<0.20		2.0	0.20	ug/L			01/04/12 07:54	1
Vinyl chloride	<0.20		2.0	0.20	ug/L			01/04/12 07:54	1
Xylenes, Total	<0.50		6.0	0.50	ug/L			01/04/12 07:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*		*01/04/12 07:54*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*01/04/12 07:54*	*1*
Dibromofluoromethane (Surr)	*103*		*80 - 120*		*01/04/12 07:54*	*1*

Surrogate Summary

Client: Tetra Tech GEO
Project/Site: Beazer Wabash Alloys 117-2201257.02

TestAmerica Job ID: 610-800-1

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

Matrix: Ground Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(80-120)	(80-120)	(80-120)
610-800-1	MW-1	103	100	104

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)

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

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(80-120)	(80-120)	(80-120)
610-800-11	TRIP BLANK	100	100	103
LCS 610-1169/1	Lab Control Sample	101	100	99
MB 610-1169/4	Method Blank	100	100	103

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)

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

Matrix: Ground Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		TCX1	DCB1
Lab Sample ID	Client Sample ID	(43-111)	(24-131)
610-800-1	MW-1	72	26
610-800-2	MW-115	81	44
610-800-3	MW-112	68	53
610-800-4	P-113	85	80
610-800-5	MW-116	80	37
610-800-6	MW-102	78	40
610-800-7	MW-104	89	49
610-800-8	MW-105	86	71
610-800-9	P-110	60	61
610-800-10	MW-111	79	30

Surrogate Legend

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

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

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		TCX1	DCB1
Lab Sample ID	Client Sample ID	(43-111)	(24-131)
LCS 500-137384/2-A	Lab Control Sample	85	71
LCSD 500-137384/3-A	Lab Control Sample Dup	81	75
MB 500-137384/1-A	Method Blank	75	97

Surrogate Summary

Client: Tetra Tech GEO
Project/Site: Beazer Wabash Alloys 117-2201257.02

TestAmerica Job ID: 610-800-1

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCB = DCB Decachlorobiphenyl

Client: Tetra Tech GEO
Project/Site: Beazer Wabash Alloys 117-2201257.02

TestAmerica Job ID: 610-800-1

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

Lab Sample ID: MB 610-1169/4
Matrix: Water
Analysis Batch: 1169

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.20		2.0	0.20	ug/L			01/04/12 07:27	1
Bromobenzene	<0.20		2.0	0.20	ug/L			01/04/12 07:27	1
Bromochloromethane	<0.50		2.0	0.50	ug/L			01/04/12 07:27	1
Bromodichloromethane	<0.20		2.0	0.20	ug/L			01/04/12 07:27	1
Bromoform	<0.20		5.0	0.20	ug/L			01/04/12 07:27	1
Bromomethane	<0.50		5.0	0.50	ug/L			01/04/12 07:27	1
n-Butylbenzene	<0.20		2.0	0.20	ug/L			01/04/12 07:27	1
sec-Butylbenzene	<0.25		2.0	0.25	ug/L			01/04/12 07:27	1
tert-Butylbenzene	<0.20		2.0	0.20	ug/L			01/04/12 07:27	1
Carbon tetrachloride	<0.80		2.0	0.80	ug/L			01/04/12 07:27	1
Chlorobenzene	<0.20		2.0	0.20	ug/L			01/04/12 07:27	1
Chlorodibromomethane	<0.20		2.0	0.20	ug/L			01/04/12 07:27	1
Chloroethane	<1.0		5.0	1.0	ug/L			01/04/12 07:27	1
Chloroform	<0.20		2.0	0.20	ug/L			01/04/12 07:27	1
Chloromethane	<0.30		2.0	0.30	ug/L			01/04/12 07:27	1
2-Chlorotoluene	<0.50		2.0	0.50	ug/L			01/04/12 07:27	1
4-Chlorotoluene	<0.20		2.0	0.20	ug/L			01/04/12 07:27	1
1,2-Dibromo-3-Chloropropane	<0.50		2.0	0.50	ug/L			01/04/12 07:27	1
1,2-Dibromoethane (EDB)	<0.20		2.0	0.20	ug/L			01/04/12 07:27	1
Dibromomethane	<0.20		2.0	0.20	ug/L			01/04/12 07:27	1
1,2-Dichlorobenzene	<0.20		2.0	0.20	ug/L			01/04/12 07:27	1
1,3-Dichlorobenzene	<0.20		2.0	0.20	ug/L			01/04/12 07:27	1
1,4-Dichlorobenzene	<0.50		2.0	0.50	ug/L			01/04/12 07:27	1
Dichlorodifluoromethane	<0.50		2.0	0.50	ug/L			01/04/12 07:27	1
1,1-Dichloroethane	<0.50		2.0	0.50	ug/L			01/04/12 07:27	1
1,2-Dichloroethane	<0.50		2.0	0.50	ug/L			01/04/12 07:27	1
1,1-Dichloroethene	<0.50		2.0	0.50	ug/L			01/04/12 07:27	1
cis-1,2-Dichloroethene	<0.50		2.0	0.50	ug/L			01/04/12 07:27	1
trans-1,2-Dichloroethene	<0.50		2.0	0.50	ug/L			01/04/12 07:27	1
1,2-Dichloropropane	<0.50		2.0	0.50	ug/L			01/04/12 07:27	1
1,3-Dichloropropane	<0.25		2.0	0.25	ug/L			01/04/12 07:27	1
2,2-Dichloropropane	<0.50		2.0	0.50	ug/L			01/04/12 07:27	1
1,1-Dichloropropene	<0.50		2.0	0.50	ug/L			01/04/12 07:27	1
cis-1,3-Dichloropropene	<0.20		2.0	0.20	ug/L			01/04/12 07:27	1
trans-1,3-Dichloropropene	<0.20		2.0	0.20	ug/L			01/04/12 07:27	1
Isopropyl ether	<0.50		2.0	0.50	ug/L			01/04/12 07:27	1
Ethylbenzene	<0.50		2.0	0.50	ug/L			01/04/12 07:27	1
Hexachlorobutadiene	<0.50		2.0	0.50	ug/L			01/04/12 07:27	1
Isopropylbenzene	<0.20		2.0	0.20	ug/L			01/04/12 07:27	1
p-Isopropyltoluene	<0.20		2.0	0.20	ug/L			01/04/12 07:27	1
Methylene Chloride	<1.0		2.0	1.0	ug/L			01/04/12 07:27	1
Methyl tert-butyl ether	<0.50		2.0	0.50	ug/L			01/04/12 07:27	1
Naphthalene	<0.25		5.0	0.25	ug/L			01/04/12 07:27	1
N-Propylbenzene	<0.50		2.0	0.50	ug/L			01/04/12 07:27	1
Styrene	<0.50		5.0	0.50	ug/L			01/04/12 07:27	1
1,1,1,2-Tetrachloroethane	<0.25		2.0	0.25	ug/L			01/04/12 07:27	1
1,1,2,2-Tetrachloroethane	<0.20		2.0	0.20	ug/L			01/04/12 07:27	1
Tetrachloroethene	<0.50		2.0	0.50	ug/L			01/04/12 07:27	1
Toluene	<0.50		2.0	0.50	ug/L			01/04/12 07:27	1

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

Lab Sample ID: MB 610-1169/4
Matrix: Water
Analysis Batch: 1169

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.25		2.0	0.25	ug/L			01/04/12 07:27	1
1,2,4-Trichlorobenzene	<0.25		2.0	0.25	ug/L			01/04/12 07:27	1
1,1,1-Trichloroethane	<0.50		2.0	0.50	ug/L			01/04/12 07:27	1
1,1,2-Trichloroethane	<0.25		2.0	0.25	ug/L			01/04/12 07:27	1
Trichloroethene	<0.20		2.0	0.20	ug/L			01/04/12 07:27	1
Trichlorofluoromethane	<0.50		2.0	0.50	ug/L			01/04/12 07:27	1
1,2,3-Trichloropropane	<0.50		2.0	0.50	ug/L			01/04/12 07:27	1
1,2,4-Trimethylbenzene	<0.20		2.0	0.20	ug/L			01/04/12 07:27	1
1,3,5-Trimethylbenzene	<0.20		2.0	0.20	ug/L			01/04/12 07:27	1
Vinyl chloride	<0.20		2.0	0.20	ug/L			01/04/12 07:27	1
Xylenes, Total	<0.50		6.0	0.50	ug/L			01/04/12 07:27	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*		*01/04/12 07:27*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*01/04/12 07:27*	*1*
Dibromofluoromethane (Surr)	*103*		*80 - 120*		*01/04/12 07:27*	*1*

Lab Sample ID: LCS 610-1169/1
Matrix: Water
Analysis Batch: 1169

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	50.0	50.4		ug/L		101	80 - 120
Bromobenzene	50.0	49.9		ug/L		100	80 - 120
Bromochloromethane	50.0	51.2		ug/L		102	80 - 120
Bromodichloromethane	50.0	52.6		ug/L		105	80 - 120
Bromoform	50.0	53.8		ug/L		108	80 - 120
Bromomethane	50.0	49.5		ug/L		99	60 - 140
n-Butylbenzene	50.0	51.2		ug/L		102	80 - 120
sec-Butylbenzene	50.0	50.2		ug/L		100	80 - 120
tert-Butylbenzene	50.0	50.2		ug/L		100	80 - 120
Carbon tetrachloride	50.0	49.3		ug/L		99	60 - 140
Chlorobenzene	50.0	50.5		ug/L		101	80 - 120
Chlorodibromomethane	50.0	53.7		ug/L		107	80 - 120
Chloroethane	50.0	51.5		ug/L		103	60 - 140
Chloroform	50.0	50.8		ug/L		102	80 - 120
Chloromethane	50.0	50.2		ug/L		100	60 - 140
2-Chlorotoluene	50.0	51.2		ug/L		102	80 - 120
4-Chlorotoluene	50.0	50.1		ug/L		100	80 - 120
1,2-Dibromo-3-Chloropropane	50.0	52.7		ug/L		105	60 - 140
1,2-Dibromoethane (EDB)	50.0	51.3		ug/L		103	80 - 120
Dibromomethane	50.0	50.2		ug/L		100	80 - 120
1,2-Dichlorobenzene	50.0	49.9		ug/L		100	80 - 120
1,3-Dichlorobenzene	50.0	49.9		ug/L		100	80 - 120
1,4-Dichlorobenzene	50.0	49.3		ug/L		99	80 - 120
Dichlorodifluoromethane	50.0	48.5		ug/L		97	60 - 140
1,1-Dichloroethane	50.0	51.8		ug/L		104	80 - 120
1,2-Dichloroethane	50.0	50.8		ug/L		102	80 - 120
1,1-Dichloroethene	50.0	50.0		ug/L		100	80 - 120

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

Lab Sample ID: LCS 610-1169/1
Matrix: Water
Analysis Batch: 1169

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
cis-1,2-Dichloroethene	50.0	51.0		ug/L		102	80 - 120
trans-1,2-Dichloroethene	50.0	50.6		ug/L		101	80 - 120
1,2-Dichloropropane	50.0	51.6		ug/L		103	80 - 120
1,3-Dichloropropane	50.0	51.1		ug/L		102	80 - 120
2,2-Dichloropropane	50.0	52.0		ug/L		104	60 - 140
1,1-Dichloropropene	50.0	46.4		ug/L		93	80 - 120
cis-1,3-Dichloropropene	50.0	53.1		ug/L		106	80 - 120
trans-1,3-Dichloropropene	50.0	52.7		ug/L		105	80 - 120
Isopropyl ether	50.0	52.2		ug/L		104	80 - 120
Ethylbenzene	50.0	50.4		ug/L		101	80 - 120
Hexachlorobutadiene	50.0	44.3		ug/L		89	60 - 140
Isopropylbenzene	50.0	50.6		ug/L		101	80 - 120
p-Isopropyltoluene	50.0	51.4		ug/L		103	80 - 120
Methylene Chloride	50.0	50.5		ug/L		101	80 - 120
Methyl tert-butyl ether	50.0	51.6		ug/L		103	80 - 120
Naphthalene	50.0	49.6		ug/L		99	60 - 140
N-Propylbenzene	50.0	50.9		ug/L		102	80 - 120
Styrene	50.0	51.4		ug/L		103	80 - 120
1,1,1,2-Tetrachloroethane	50.0	52.3		ug/L		105	80 - 120
1,1,2,2-Tetrachloroethane	50.0	49.9		ug/L		100	80 - 120
Tetrachloroethene	50.0	50.1		ug/L		100	80 - 120
Toluene	50.0	50.6		ug/L		101	80 - 120
1,2,3-Trichlorobenzene	50.0	49.8		ug/L		100	80 - 120
1,2,4-Trichlorobenzene	50.0	50.6		ug/L		101	80 - 120
1,1,1-Trichloroethane	50.0	49.7		ug/L		99	80 - 120
1,1,2-Trichloroethane	50.0	51.5		ug/L		103	80 - 120
Trichloroethene	50.0	50.5		ug/L		101	80 - 120
Trichlorofluoromethane	50.0	49.5		ug/L		99	80 - 120
1,2,3-Trichloropropane	50.0	50.3		ug/L		101	80 - 120
1,2,4-Trimethylbenzene	50.0	51.5		ug/L		103	80 - 120
1,3,5-Trimethylbenzene	50.0	51.2		ug/L		102	80 - 120
Vinyl chloride	50.0	50.4		ug/L		101	80 - 120
Xylenes, Total	150	153		ug/L		102	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*
Toluene-d8 (Surr)	*100*		*80 - 120*
Dibromofluoromethane (Surr)	*99*		*80 - 120*

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

Lab Sample ID: MB 500-137384/1-A
Matrix: Water
Analysis Batch: 137432

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 137384

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.050		0.50	0.050	ug/L		01/04/12 18:16	01/05/12 11:55	1
PCB-1221	<0.17		0.50	0.17	ug/L		01/04/12 18:16	01/05/12 11:55	1
PCB-1232	<0.16		0.50	0.16	ug/L		01/04/12 18:16	01/05/12 11:55	1

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

Lab Sample ID: MB 500-137384/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 137432 — **Prep Batch: 137384**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1242	<0.13		0.50	0.13	ug/L		01/04/12 18:16	01/05/12 11:55	1
PCB-1248	<0.15		0.50	0.15	ug/L		01/04/12 18:16	01/05/12 11:55	1
PCB-1254	<0.10		0.50	0.10	ug/L		01/04/12 18:16	01/05/12 11:55	1
PCB-1260	<0.077		0.50	0.077	ug/L		01/04/12 18:16	01/05/12 11:55	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*75*		*43 - 111*	*01/04/12 18:16*	*01/05/12 11:55*	*1*
DCB Decachlorobiphenyl	*97*		*24 - 131*	*01/04/12 18:16*	*01/05/12 11:55*	*1*

Lab Sample ID: LCS 500-137384/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 137432 — **Prep Batch: 137384**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
PCB-1016			5.00	4.76		ug/L		95	59 - 113		
PCB-1260			5.00	4.35		ug/L		87	54 - 110		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*85*		*43 - 111*
DCB Decachlorobiphenyl	*71*		*24 - 131*

Lab Sample ID: LCSD 500-137384/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 137432 — **Prep Batch: 137384**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016			5.00	4.65		ug/L		93	59 - 113	2	20
PCB-1260			5.00	4.35		ug/L		87	54 - 110	0	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Tetrachloro-m-xylene	*81*		*43 - 111*
DCB Decachlorobiphenyl	*75*		*24 - 131*

Method: 6020 - Metals (ICP/MS)

Lab Sample ID: MB 500-137411/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 137802 — **Prep Batch: 137411**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.11		0.50	0.11	ug/L		01/05/12 09:00	01/11/12 10:20	1
Arsenic	<0.14		1.0	0.14	ug/L		01/05/12 09:00	01/11/12 10:20	1
Barium	<0.40		2.5	0.40	ug/L		01/05/12 09:00	01/11/12 10:20	1
Cadmium	<0.12		0.50	0.12	ug/L		01/05/12 09:00	01/11/12 10:20	1
Chromium	<0.59		5.0	0.59	ug/L		01/05/12 09:00	01/11/12 10:20	1
Lead	<0.13		0.50	0.13	ug/L		01/05/12 09:00	01/11/12 10:20	1
Selenium	<0.37		2.5	0.37	ug/L		01/05/12 09:00	01/11/12 10:20	1

Method: 6020 - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 500-137411/2-A
Matrix: Water
Analysis Batch: 137802

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 137411

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Silver	50.0	50.4		ug/L		101	80 - 120
Arsenic	100	99.1		ug/L		99	80 - 120
Barium	500	495		ug/L		99	80 - 120
Cadmium	50.0	51.0		ug/L		102	80 - 120
Chromium	200	197		ug/L		99	80 - 120
Lead	100	100		ug/L		100	80 - 120
Selenium	100	101		ug/L		101	80 - 120

Lab Sample ID: 610-800-1 MS
Matrix: Ground Water
Analysis Batch: 137802

Client Sample ID: MW-1
Prep Type: Dissolved
Prep Batch: 137411

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Silver	<0.11		50.0	47.8		ug/L		96	75 - 125
Arsenic	0.65	J	100	101		ug/L		100	75 - 125
Barium	40		500	538		ug/L		100	75 - 125
Cadmium	<0.12		50.0	46.7		ug/L		93	75 - 125
Chromium	<0.59		200	188		ug/L		94	75 - 125
Lead	<0.13		100	101		ug/L		101	75 - 125
Selenium	0.82	J	100	99.4		ug/L		99	75 - 125

Lab Sample ID: 610-800-1 MSD
Matrix: Ground Water
Analysis Batch: 137802

Client Sample ID: MW-1
Prep Type: Dissolved
Prep Batch: 137411

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Silver	<0.11		50.0	46.5		ug/L		93	75 - 125	3	20
Arsenic	0.65	J	100	98.3		ug/L		98	75 - 125	3	20
Barium	40		500	532		ug/L		98	75 - 125	1	20
Cadmium	<0.12		50.0	46.6		ug/L		93	75 - 125	0	20
Chromium	<0.59		200	188		ug/L		94	75 - 125	0	20
Lead	<0.13		100	101		ug/L		101	75 - 125	0	20
Selenium	0.82	J	100	99.1		ug/L		98	75 - 125	0	20

Lab Sample ID: 610-800-1 DU
Matrix: Ground Water
Analysis Batch: 137802

Client Sample ID: MW-1
Prep Type: Dissolved
Prep Batch: 137411

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Silver	<0.11		<0.11		ug/L		NC	20
Arsenic	0.65	J	0.661	J	ug/L		2	20
Barium	40		40.2		ug/L		0.8	20
Cadmium	<0.12		<0.12		ug/L		NC	20
Chromium	<0.59		<0.59		ug/L		NC	20
Lead	<0.13		<0.13		ug/L		NC	20
Selenium	0.82	J	0.895	J	ug/L		9	20

Client: Tetra Tech GEO
Project/Site: Beazer Wabash Alloys 117-2201257.02

TestAmerica Job ID: 610-800-1

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 500-137402/7-A
Matrix: Water
Analysis Batch: 137442

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 137402

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.070		0.20	0.070	ug/L		01/05/12 08:55	01/05/12 11:48	1

Lab Sample ID: LCS 500-137402/8-A
Matrix: Water
Analysis Batch: 137442

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 137402

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	2.00	1.92		ug/L		96	80 - 120

QC Association Summary

Client: Tetra Tech GEO
Project/Site: Beazer Wabash Alloys 117-2201257.02

TestAmerica Job ID: 610-800-1

GC/MS VOA

Analysis Batch: 1169

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
610-800-1	MW-1	Total/NA	Ground Water	8260B	
610-800-11	TRIP BLANK	Total/NA	Water	8260B	
LCS 610-1169/1	Lab Control Sample	Total/NA	Water	8260B	
MB 610-1169/4	Method Blank	Total/NA	Water	8260B	

GC Semi VOA

Prep Batch: 137384

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
610-800-1	MW-1	Total/NA	Ground Water	3510C	
610-800-2	MW-115	Total/NA	Ground Water	3510C	
610-800-3	MW-112	Total/NA	Ground Water	3510C	
610-800-4	P-113	Total/NA	Ground Water	3510C	
610-800-5	MW-116	Total/NA	Ground Water	3510C	
610-800-6	MW-102	Total/NA	Ground Water	3510C	
610-800-7	MW-104	Total/NA	Ground Water	3510C	
610-800-8	MW-105	Total/NA	Ground Water	3510C	
610-800-9	P-110	Total/NA	Ground Water	3510C	
610-800-10	MW-111	Total/NA	Ground Water	3510C	
LCS 500-137384/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 500-137384/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
MB 500-137384/1-A	Method Blank	Total/NA	Water	3510C	

Analysis Batch: 137432

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
610-800-1	MW-1	Total/NA	Ground Water	8082	137384
610-800-2	MW-115	Total/NA	Ground Water	8082	137384
610-800-3	MW-112	Total/NA	Ground Water	8082	137384
610-800-4	P-113	Total/NA	Ground Water	8082	137384
610-800-5	MW-116	Total/NA	Ground Water	8082	137384
610-800-6	MW-102	Total/NA	Ground Water	8082	137384
610-800-7	MW-104	Total/NA	Ground Water	8082	137384
610-800-8	MW-105	Total/NA	Ground Water	8082	137384
610-800-9	P-110	Total/NA	Ground Water	8082	137384
610-800-10	MW-111	Total/NA	Ground Water	8082	137384
LCS 500-137384/2-A	Lab Control Sample	Total/NA	Water	8082	137384
LCSD 500-137384/3-A	Lab Control Sample Dup	Total/NA	Water	8082	137384
MB 500-137384/1-A	Method Blank	Total/NA	Water	8082	137384

Metals

Prep Batch: 137402

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
610-800-1	MW-1	Dissolved	Ground Water	7470A	
LCS 500-137402/8-A	Lab Control Sample	Total/NA	Water	7470A	
MB 500-137402/7-A	Method Blank	Total/NA	Water	7470A	

Prep Batch: 137411

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
610-800-1	MW-1	Dissolved	Ground Water	3005A	
610-800-1 DU	MW-1	Dissolved	Ground Water	3005A	
610-800-1 MS	MW-1	Dissolved	Ground Water	3005A	

Metals (Continued)

Prep Batch: 137411 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
610-800-1 MSD	MW-1	Dissolved	Ground Water	3005A	
LCS 500-137411/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
MB 500-137411/1-A	Method Blank	Total Recoverable	Water	3005A	

Analysis Batch: 137442

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
610-800-1	MW-1	Dissolved	Ground Water	7470A	137402
LCS 500-137402/8-A	Lab Control Sample	Total/NA	Water	7470A	137402
MB 500-137402/7-A	Method Blank	Total/NA	Water	7470A	137402

Analysis Batch: 137802

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
610-800-1	MW-1	Dissolved	Ground Water	6020	137411
610-800-1 DU	MW-1	Dissolved	Ground Water	6020	137411
610-800-1 MS	MW-1	Dissolved	Ground Water	6020	137411
610-800-1 MSD	MW-1	Dissolved	Ground Water	6020	137411
LCS 500-137411/2-A	Lab Control Sample	Total Recoverable	Water	6020	137411
MB 500-137411/1-A	Method Blank	Total Recoverable	Water	6020	137411

Lab Chronicle

Client: Tetra Tech GEO
Project/Site: Beazer Wabash Alloys 117-2201257.02

TestAmerica Job ID: 610-800-1

Client Sample ID: MW-1

Lab Sample ID: 610-800-1

Date Collected: 12/29/11 09:40

Matrix: Ground Water

Date Received: 01/03/12 13:14

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	1169	01/04/12 11:26	ME	TAL WAT
Total/NA	Prep	3510C			137384	01/04/12 18:16	DEA	TAL CHI
Total/NA	Analysis	8082		1	137432	01/05/12 13:06	GMO	TAL CHI
Dissolved	Prep	7470A			137402	01/05/12 08:55	MBG	TAL CHI
Dissolved	Analysis	7470A		1	137442	01/05/12 12:13	MBG	TAL CHI
Dissolved	Prep	3005A			137411	01/05/12 09:00	PJ	TAL CHI
Dissolved	Analysis	6020		1	137802	01/11/12 10:24	PFK	TAL CHI

Client Sample ID: MW-115

Lab Sample ID: 610-800-2

Date Collected: 12/29/11 10:25

Matrix: Ground Water

Date Received: 01/03/12 13:14

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			137384	01/04/12 18:16	DEA	TAL CHI
Total/NA	Analysis	8082		1	137432	01/05/12 13:20	GMO	TAL CHI

Client Sample ID: MW-112

Lab Sample ID: 610-800-3

Date Collected: 12/29/11 10:50

Matrix: Ground Water

Date Received: 01/03/12 13:14

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			137384	01/04/12 18:16	DEA	TAL CHI
Total/NA	Analysis	8082		1	137432	01/05/12 13:35	GMO	TAL CHI

Client Sample ID: P-113

Lab Sample ID: 610-800-4

Date Collected: 12/29/11 11:15

Matrix: Ground Water

Date Received: 01/03/12 13:14

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			137384	01/04/12 18:16	DEA	TAL CHI
Total/NA	Analysis	8082		1	137432	01/05/12 13:49	GMO	TAL CHI

Client Sample ID: MW-116

Lab Sample ID: 610-800-5

Date Collected: 12/29/11 13:10

Matrix: Ground Water

Date Received: 01/03/12 13:14

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			137384	01/04/12 18:16	DEA	TAL CHI
Total/NA	Analysis	8082		1	137432	01/05/12 14:03	GMO	TAL CHI

Lab Chronicle

Client: Tetra Tech GEO
Project/Site: Beazer Wabash Alloys 117-2201257.02

TestAmerica Job ID: 610-800-1

Client Sample ID: MW-102

Date Collected: 12/29/11 14:00
Date Received: 01/03/12 13:14

Lab Sample ID: 610-800-6
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			137384	01/04/12 18:16	DEA	TAL CHI
Total/NA	Analysis	8082		1	137432	01/05/12 14:18	GMO	TAL CHI

Client Sample ID: MW-104

Date Collected: 12/30/11 10:20
Date Received: 01/03/12 13:14

Lab Sample ID: 610-800-7
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			137384	01/04/12 18:16	DEA	TAL CHI
Total/NA	Analysis	8082		1	137432	01/05/12 14:32	GMO	TAL CHI

Client Sample ID: MW-105

Date Collected: 12/30/11 10:30
Date Received: 01/03/12 13:14

Lab Sample ID: 610-800-8
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			137384	01/04/12 18:16	DEA	TAL CHI
Total/NA	Analysis	8082		1	137432	01/05/12 14:47	GMO	TAL CHI

Client Sample ID: P-110

Date Collected: 12/30/11 11:30
Date Received: 01/03/12 13:14

Lab Sample ID: 610-800-9
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			137384	01/04/12 18:16	DEA	TAL CHI
Total/NA	Analysis	8082		1	137432	01/05/12 15:01	GMO	TAL CHI

Client Sample ID: MW-111

Date Collected: 12/30/11 12:05
Date Received: 01/03/12 13:14

Lab Sample ID: 610-800-10
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			137384	01/04/12 18:16	DEA	TAL CHI
Total/NA	Analysis	8082		1	137432	01/05/12 15:15	GMO	TAL CHI

Client Sample ID: TRIP BLANK

Date Collected: 12/30/11 00:00
Date Received: 01/03/12 13:14

Lab Sample ID: 610-800-11
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	1169	01/04/12 07:54	ME	TAL WAT

Lab Chronicle

Client: Tetra Tech GEO
Project/Site: Beazer Wabash Alloys 117-2201257.02

TestAmerica Job ID: 610-800-1

Laboratory References:

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

TAL WAT = TestAmerica Watertown, 1101 Industrial Drive, Watertown, WI 53094, TEL (920)261-1660

Certification Summary

Client: Tetra Tech GEO
Project/Site: Beazer Wabash Alloys 117-2201257.02

TestAmerica Job ID: 610-800-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Watertown		WI Dept of Agriculture (Micro)		105-266
TestAmerica Watertown	Illinois	NELAC	5	100453
TestAmerica Watertown	Wisconsin	State Program	5	128053530
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	L-A-B	DoD ELAP		L2304
TestAmerica Chicago	L-A-B	ISO/IEC 17025		L2304
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: Beazer Wabash Alloys 117-2201257.02

TestAmerica Job ID: 610-800-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL WAT
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL CHI
6020	Metals (ICP/MS)	SW846	TAL CHI
7470A	Mercury (CVAA)	SW846	TAL CHI

Protocol References:

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 WAT = TestAmerica Watertown, 1101 Industrial Drive, Watertown, WI 53094, TEL (920)261-1660

Sample Summary

Client: Tetra Tech GEO
Project/Site: Beazer Wabash Alloys 117-2201257.02

TestAmerica Job ID: 610-800-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
610-800-1	MW-1	Ground Water	12/29/11 09:40	01/03/12 13:14
610-800-2	MW-115	Ground Water	12/29/11 10:25	01/03/12 13:14
610-800-3	MW-112	Ground Water	12/29/11 10:50	01/03/12 13:14
610-800-4	P-113	Ground Water	12/29/11 11:15	01/03/12 13:14
610-800-5	MW-116	Ground Water	12/29/11 13:10	01/03/12 13:14
610-800-6	MW-102	Ground Water	12/29/11 14:00	01/03/12 13:14
610-800-7	MW-104	Ground Water	12/30/11 10:20	01/03/12 13:14
610-800-8	MW-105	Ground Water	12/30/11 10:30	01/03/12 13:14
610-800-9	P-110	Ground Water	12/30/11 11:30	01/03/12 13:14
610-800-10	MW-111	Ground Water	12/30/11 12:05	01/03/12 13:14
610-800-11	TRIP BLANK	Water	12/30/11 00:00	01/03/12 13:14

610-800 1 of 2

TestAmerica
ANALYTICAL TESTING CORPORATION

☐ Nashville, TN ☐ Orlando, FL ☐ Cedar Falls, IA
☐ Dayton, OH ☒ Watertown, WI ☐ Pontiac, MI
☐ Indianapolis, IN

To assist us in using the proper analytical methods, is this work being conducted for regulatory purposes?
Compliance Monitoring? Yes No
Enforcement Action? Yes No

Client Name/Account #: Tetra Tech GEO
Address: 175 N Corporate Drive, Suite 100
City/State/Zip: Brookfield, WI 53045
Project Manager: Mike Noel
Telephone Number: 262-792-1282 **Fax No.:** 262-792-1310
Sampler Name: (Print) Kevin Lincicum
Sampler Signature: Kevin Lincicum

Report To: Mike Noel
Invoice To: Tetra Tech GEO
TA Quote #:
Project ID: Beazer Wabash Alloys
Project #: 117-2201257.02

	Sample ID / Description	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Ice	HNO_3 (Red Label)	HCl (Blue Label)	NaOH (Orange Label)	H_2SO_4 Plastic (Yellow Label)	H_2SO_4 Glass(Yellow Label)	None (Black Label)	methanol	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Other (specify):	Analyze For: VOCs	PAHs	PCBs	RCRA metals								RUSH TAT (Pre-Schedule)	Standard TAT	Fax Results	Send QC with report
1	MW-1	12/29/11	0940		X		Y*		1	3				2		X						X		X	X								X		
2	MW-115	12/29/11	1025		X		N							2		X								X									X		
3	MW-112	12/29/11	1050		X		N							2		X								X									X		
4	P-113	12/29/11	1115		X		N							2		X								X									X		
5	MW-116	12/29/11	1310		X		N							2		X								X									X		
6	MW-102	12/29/11	1400		X		N							2		X								X									X		
7	MW-104	12/30/11	1020		X		N							1		X								X									X		
8	MW-105	12/30/11	1030		X		N							1		X								X									X		
9	P-110	12/30/11	1130		X		N							2		X								X									X		
10	MW-111	12/30/11	1205		X		N							2		X								X									X		

Special Instructions:
* metals sample filtered

Method of Shipment: COURIER

Laboratory Comments:
Temperature Upon Receipt: 4.1°C
Sample Containers Intact? (Y) N
VOCs Free of Headspace? Y N

Relinquished by:	Date	Time	Received by:	Date	Time
Kevin Lincicum	1/3/2012	0800	Roy Wolff	1/3/12	1200
Roy Wolff	1/3/12	1310	Received by TestAmerica:	1/3/12	13:14

TT Ship

1/12/2012

6/0-800 2 of 2

TestAmerica ANALYTICAL TESTING CORPORATION

☐ Nashville, TN	☐ Dayton, OH	☐ Indianapolis, IN
☐ Orlando, FL	☒ Watertown, WI	
☐ Cedar Falls, IA	☐ Pontiac, MI	

To assist us in using the proper analytical methods, is this work being conducted for regulatory purposes?
Compliance Monitoring? Yes No
Enforcement Action? Yes No

Client Name/Account #: Tetra Tech GEO
Address: 175 N Corporate Drive, Suite 100
City/State/Zip: Brookfield, WI 53045
Project Manager: Mike Noel
Telephone Number: 262-792-1282 **Fax No.:** 262-792-1310
Sampler Name: (Print) Kevin Lincicum
Sampler Signature:

Report To: Mike Noel
Invoice To: Tetra Tech GEO
TA Quote #:
Project ID: Beazer Wabash Alloys
Project #: 117-2201257.02

Sample ID / Description	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Ice	HNO_3 (Red Label)	HCl (Blue Label)	NaOH (Orange Label)	H_2SO_4 Plastic (Yellow Label)	H_2SO_4 Glass(Yellow Label)	None (Black Label)	methanol	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Other (specify):	Analyze For: VOCs	PAHs	PCBs	RCRA metals								RUSH TAT (Pre-Schedule)	Standard TAT	Fax Results	Send QC with report
trip blank									1						X						X												X		

Special Instructions:

Laboratory Comments:
Temperature Upon Receipt: 4.1°C
Sample Containers Intact? (Y) N
VOCs Free of Headspace? Y N

Method of Shipment: COURIER

Relinquished by:	Date	Time	Received by:	Date	Time
Kevin Lincicum	1/3/2012	0800	Roy Wolff	1/3/12	1200
Relinquished by:	Date	Time	Received by TestAmerica:	Date	Time
Roy Wolff	1/3/12	1310		1/3/12	1314

TT SHIP

1/12/2012

Login Sample Receipt Checklist

Client: Tetra Tech GEO

Job Number: 610-800-1

Login Number: 800

List Number: 1

Creator: Stark, Adam

List Source: TestAmerica Watertown

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	4.1
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 sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Tetra Tech GEO

Job Number: 610-800-1

Login Number: 800
List Number: 1
Creator: Lunt, Jeff T

List Source: TestAmerica Chicago
List Creation: 01/04/12 11:35 AM

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

D2: 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: 500-55081-1
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

Sandie Fredrick

Authorized for release by:
3/25/2013 3:47:57 PM

Sandie Fredrick
Project Manager I
sandie.fredrick@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

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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Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek -117-2201289.02

TestAmerica Job ID: 500-55081-1

Job ID: 500-55081-1

Laboratory: TestAmerica Chicago

Narrative

Job Narrative
500-55081-1

Comments
No additional comments.

Receipt
The samples were received on 3/9/2013 9:10 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 2.2º C and 2.4º C.

Except: P103 received 1 VOA vial broken, 2 vials remain.

GC/MS VOA
Method(s) 8260B: The matrix spike / matrix spike duplicate (-1MS/-1MSD) recoveries for Bromomethane were outside control limits. 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: The %RPD of the laboratory control sample (LCS) and laboratory control standard duplicate (LCSD) for preparation batch 179742 exceeded control limits for four analytes. MW-1 (500-55081-13), MW-102 (500-55081-4), MW-104 (500-55081-5), MW-105 (500-55081-6), MW-108 (500-55081-7), MW-111 (500-55081-1), MW-112 (500-55081-12), MW-115 (500-55081-10), MW-116 (500-55081-8), MW-118 (500-55081-14), MW-118 Dup (500-55081-15), MW-119 (500-55081-16), P-103 (500-55081-3), P-110 (500-55081-2), P-113 (500-55081-11), P-121 (500-55081-9)

Method(s) 8270D: The laboratory control sample (LCS) associated with the following sample did not meet control limits for 4 analytes. A laboratory control sample duplicate (LCSD) failed control limits for Chrysene with 67% recovery (limits are 75-115%), but within marginal exceedence. No corrective action was required. MW-1 (500-55081-13), MW-102 (500-55081-4), MW-104 (500-55081-5), MW-105 (500-55081-6), MW-108 (500-55081-7), MW-111 (500-55081-1), MW-112 (500-55081-12), MW-115 (500-55081-10), MW-116 (500-55081-8), MW-118 (500-55081-14), MW-118 Dup (500-55081-15), MW-119 (500-55081-16), P-103 (500-55081-3), P-110 (500-55081-2), P-113 (500-55081-11), P-121 (500-55081-9)

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: Beazer Oak Creek -117-2201289.02

TestAmerica Job ID: 500-55081-1

Client Sample ID: MW-111 — Lab Sample ID: 500-55081-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluoranthene	0.23	J *	0.74	0.15	ug/L	1		8270D	Total/NA
Phenanthrene	0.23	J	0.74	0.16	ug/L	1		8270D	Total/NA

Client Sample ID: P-110 — Lab Sample ID: 500-55081-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	2.3		1.0	0.14	ug/L	1		8260B	Total/NA
1,3,5-Trimethylbenzene	1.3		1.0	0.18	ug/L	1		8260B	Total/NA
Benzene	0.96		0.50	0.074	ug/L	1		8260B	Total/NA
Ethylbenzene	1.2		0.50	0.13	ug/L	1		8260B	Total/NA
Toluene	2.2		0.50	0.11	ug/L	1		8260B	Total/NA
Xylenes, Total	5.0		1.0	0.068	ug/L	1		8260B	Total/NA
Naphthalene - DL	1100		10	1.6	ug/L	10		8260B	Total/NA
1-Methylnaphthalene	20		0.73	0.17	ug/L	1		8270D	Total/NA
2-Methylnaphthalene	4.0	*	0.36	0.061	ug/L	1		8270D	Total/NA
Acenaphthene	35	*	0.73	0.090	ug/L	1		8270D	Total/NA
Acenaphthylene	7.3	*	0.73	0.098	ug/L	1		8270D	Total/NA
Anthracene	15		0.73	0.13	ug/L	1		8270D	Total/NA
Benzo[a]anthracene	1.7	*	0.15	0.047	ug/L	1		8270D	Total/NA
Benzo[a]pyrene	0.57		0.15	0.055	ug/L	1		8270D	Total/NA
Benzo[b]fluoranthene	0.77		0.15	0.059	ug/L	1		8270D	Total/NA
Benzo[k]fluoranthene	0.26	*	0.15	0.12	ug/L	1		8270D	Total/NA
Chrysene	1.2	*	0.36	0.068	ug/L	1		8270D	Total/NA
Fluoranthene	17	*	0.73	0.15	ug/L	1		8270D	Total/NA
Fluorene	34		0.73	0.12	ug/L	1		8270D	Total/NA
Indeno[1,2,3-cd]pyrene	0.17		0.15	0.056	ug/L	1		8270D	Total/NA
Phenanthrene	43		0.73	0.15	ug/L	1		8270D	Total/NA
Pyrene	13	*	0.73	0.17	ug/L	1		8270D	Total/NA
Naphthalene - DL	180	*	7.3	1.1	ug/L	10		8270D	Total/NA

Client Sample ID: P-103 — Lab Sample ID: 500-55081-3

No Detections.

Client Sample ID: MW-102 — Lab Sample ID: 500-55081-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	0.68	*	0.15	0.048	ug/L	1		8270D	Total/NA
Benzo[a]pyrene	0.77		0.15	0.055	ug/L	1		8270D	Total/NA
Benzo[b]fluoranthene	1.1		0.15	0.060	ug/L	1		8270D	Total/NA
Benzo[g,h,i]perylene	0.39	J	0.73	0.35	ug/L	1		8270D	Total/NA
Benzo[k]fluoranthene	0.40	*	0.15	0.12	ug/L	1		8270D	Total/NA
Chrysene	0.83	*	0.37	0.068	ug/L	1		8270D	Total/NA
Fluoranthene	0.64	J *	0.73	0.15	ug/L	1		8270D	Total/NA
Indeno[1,2,3-cd]pyrene	0.31		0.15	0.056	ug/L	1		8270D	Total/NA
Pyrene	0.58	J *	0.73	0.17	ug/L	1		8270D	Total/NA

Client Sample ID: MW-104 — Lab Sample ID: 500-55081-5

No Detections.

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: 500-55081-1

Client Sample ID: MW-105 — Lab Sample ID: 500-55081-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	1.2		1.0	0.16	ug/L	1		8260B	Total/NA

Client Sample ID: MW-108 — Lab Sample ID: 500-55081-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	1.1		1.0	0.16	ug/L	1		8260B	Total/NA
Benzo[a]anthracene	0.20	*	0.15	0.048	ug/L	1		8270D	Total/NA
Benzo[a]pyrene	0.18		0.15	0.056	ug/L	1		8270D	Total/NA
Benzo[b]fluoranthene	0.31		0.15	0.061	ug/L	1		8270D	Total/NA
Chrysene	0.15	J *	0.37	0.069	ug/L	1		8270D	Total/NA
Fluoranthene	0.25	J *	0.74	0.15	ug/L	1		8270D	Total/NA
Indeno[1,2,3-cd]pyrene	0.075	J	0.15	0.057	ug/L	1		8270D	Total/NA

Client Sample ID: MW-116 — Lab Sample ID: 500-55081-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	2.5		1.0	0.16	ug/L	1		8260B	Total/NA
Fluoranthene	0.20	J *	0.73	0.15	ug/L	1		8270D	Total/NA
Naphthalene	1.3	*	0.73	0.11	ug/L	1		8270D	Total/NA

Client Sample ID: P-121 — Lab Sample ID: 500-55081-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	0.70	J	1.0	0.14	ug/L	1		8260B	Total/NA
1,3,5-Trimethylbenzene	0.76	J	1.0	0.18	ug/L	1		8260B	Total/NA
Benzene	1.9		0.50	0.074	ug/L	1		8260B	Total/NA
Ethylbenzene	1.1		0.50	0.13	ug/L	1		8260B	Total/NA
Naphthalene	25		1.0	0.16	ug/L	1		8260B	Total/NA
Toluene	2.7		0.50	0.11	ug/L	1		8260B	Total/NA
Xylenes, Total	5.3		1.0	0.068	ug/L	1		8260B	Total/NA
1-Methylnaphthalene	0.98		0.73	0.17	ug/L	1		8270D	Total/NA
2-Methylnaphthalene	1.2	*	0.36	0.061	ug/L	1		8270D	Total/NA
Acenaphthene	0.93	*	0.73	0.089	ug/L	1		8270D	Total/NA
Acenaphthylene	0.11	J *	0.73	0.098	ug/L	1		8270D	Total/NA
Anthracene	0.37	J	0.73	0.13	ug/L	1		8270D	Total/NA
Benzo[a]anthracene	0.31	*	0.15	0.047	ug/L	1		8270D	Total/NA
Benzo[a]pyrene	0.27		0.15	0.055	ug/L	1		8270D	Total/NA
Benzo[b]fluoranthene	0.40		0.15	0.059	ug/L	1		8270D	Total/NA
Benzo[k]fluoranthene	0.12	J *	0.15	0.12	ug/L	1		8270D	Total/NA
Chrysene	0.30	J *	0.36	0.068	ug/L	1		8270D	Total/NA
Fluoranthene	0.96	*	0.73	0.15	ug/L	1		8270D	Total/NA
Fluorene	0.80		0.73	0.12	ug/L	1		8270D	Total/NA
Indeno[1,2,3-cd]pyrene	0.11	J	0.15	0.056	ug/L	1		8270D	Total/NA
Naphthalene	15	*	0.73	0.11	ug/L	1		8270D	Total/NA
Phenanthrene	1.3		0.73	0.15	ug/L	1		8270D	Total/NA
Pyrene	0.69	J *	0.73	0.17	ug/L	1		8270D	Total/NA

Client Sample ID: MW-115 — Lab Sample ID: 500-55081-10

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-115 (Continued) — Lab Sample ID: 500-55081-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	0.080	J *	0.15	0.047	ug/L	1		8270D	Total/NA
Chrysene	0.17	J *	0.36	0.068	ug/L	1		8270D	Total/NA

Client Sample ID: P-113 — Lab Sample ID: 500-55081-11

No Detections.

Client Sample ID: MW-112 — Lab Sample ID: 500-55081-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	0.20	*	0.14	0.047	ug/L	1		8270D	Total/NA
Chrysene	0.10	J *	0.36	0.068	ug/L	1		8270D	Total/NA
Fluoranthene	0.55	J *	0.72	0.15	ug/L	1		8270D	Total/NA
Phenanthrene	0.26	J	0.72	0.15	ug/L	1		8270D	Total/NA
Pyrene	0.27	J *	0.72	0.16	ug/L	1		8270D	Total/NA

Client Sample ID: MW-1 — Lab Sample ID: 500-55081-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.68	J	1.0	0.17	ug/L	1		8260B	Total/NA

Client Sample ID: MW-118 — Lab Sample ID: 500-55081-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	1.1	*	0.15	0.048	ug/L	1		8270D	Total/NA
Benzo[a]pyrene	1.2		0.15	0.056	ug/L	1		8270D	Total/NA
Benzo[b]fluoranthene	1.5		0.15	0.060	ug/L	1		8270D	Total/NA
Benzo[k]fluoranthene	0.71	*	0.15	0.12	ug/L	1		8270D	Total/NA
Chrysene	1.2	*	0.37	0.069	ug/L	1		8270D	Total/NA
Fluoranthene	1.1	*	0.74	0.15	ug/L	1		8270D	Total/NA
Indeno[1,2,3-cd]pyrene	0.44		0.15	0.056	ug/L	1		8270D	Total/NA
Pyrene	1.1	*	0.74	0.17	ug/L	1		8270D	Total/NA

Client Sample ID: MW-118 Dup — Lab Sample ID: 500-55081-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthylene	0.38	J *	0.74	0.099	ug/L	1		8270D	Total/NA
Anthracene	0.22	J	0.74	0.14	ug/L	1		8270D	Total/NA
Benzo[a]anthracene	2.3	*	0.15	0.048	ug/L	1		8270D	Total/NA
Benzo[a]pyrene	3.0		0.15	0.056	ug/L	1		8270D	Total/NA
Benzo[b]fluoranthene	4.0		0.15	0.060	ug/L	1		8270D	Total/NA
Benzo[g,h,i]perylene	1.2		0.74	0.36	ug/L	1		8270D	Total/NA
Benzo[k]fluoranthene	1.4	*	0.15	0.12	ug/L	1		8270D	Total/NA
Chrysene	2.7	*	0.37	0.069	ug/L	1		8270D	Total/NA
Dibenz(a,h)anthracene	0.34		0.22	0.083	ug/L	1		8270D	Total/NA
Fluoranthene	2.5	*	0.74	0.15	ug/L	1		8270D	Total/NA
Indeno[1,2,3-cd]pyrene	1.1		0.15	0.057	ug/L	1		8270D	Total/NA
Phenanthrene	0.35	J	0.74	0.16	ug/L	1		8270D	Total/NA
Pyrene	2.6	*	0.74	0.17	ug/L	1		8270D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek -117-2201289.02

TestAmerica Job ID: 500-55081-1

Client Sample ID: MW-119 — Lab Sample ID: 500-55081-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichlorobenzene	0.86	J	1.0	0.27	ug/L	1		8260B	Total/NA
Chlorobenzene	3.5		1.0	0.14	ug/L	1		8260B	Total/NA
Naphthalene	1.4		1.0	0.16	ug/L	1		8260B	Total/NA
Toluene	0.31	J	0.50	0.11	ug/L	1		8260B	Total/NA
Xylenes, Total	0.56	J	1.0	0.068	ug/L	1		8260B	Total/NA
Anthracene	0.38	J	0.74	0.14	ug/L	1		8270D	Total/NA
Benzo[a]anthracene	0.67	*	0.15	0.049	ug/L	1		8270D	Total/NA
Benzo[a]pyrene	0.52		0.15	0.056	ug/L	1		8270D	Total/NA
Benzo[b]fluoranthene	0.71		0.15	0.061	ug/L	1		8270D	Total/NA
Benzo[k]fluoranthene	0.34	*	0.15	0.13	ug/L	1		8270D	Total/NA
Chrysene	0.62	*	0.37	0.070	ug/L	1		8270D	Total/NA
Fluoranthene	1.7	*	0.74	0.15	ug/L	1		8270D	Total/NA
Indeno[1,2,3-cd]pyrene	0.20		0.15	0.057	ug/L	1		8270D	Total/NA
Phenanthrene	1.4		0.74	0.16	ug/L	1		8270D	Total/NA
Pyrene	1.2	*	0.74	0.17	ug/L	1		8270D	Total/NA

Client Sample ID: Trip Blank — Lab Sample ID: 500-55081-17

No Detections.

This Detection Summary does not include radiochemical test results.

Method Summary

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek -117-2201289.02

TestAmerica Job ID: 500-55081-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL CHI
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL CHI

Protocol References:

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: 500-55081-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-55081-1	MW-111	Water	03/07/13 11:10	03/09/13 09:10
500-55081-2	P-110	Water	03/07/13 11:45	03/09/13 09:10
500-55081-3	P-103	Water	03/07/13 12:45	03/09/13 09:10
500-55081-4	MW-102	Water	03/07/13 13:05	03/09/13 09:10
500-55081-5	MW-104	Water	03/07/13 13:25	03/09/13 09:10
500-55081-6	MW-105	Water	03/07/13 13:55	03/09/13 09:10
500-55081-7	MW-108	Water	03/07/13 14:35	03/09/13 09:10
500-55081-8	MW-116	Water	03/07/13 14:55	03/09/13 09:10
500-55081-9	P-121	Water	03/08/13 09:25	03/09/13 09:10
500-55081-10	MW-115	Water	03/08/13 11:00	03/09/13 09:10
500-55081-11	P-113	Water	03/08/13 13:40	03/09/13 09:10
500-55081-12	MW-112	Water	03/08/13 13:55	03/09/13 09:10
500-55081-13	MW-1	Water	03/08/13 14:25	03/09/13 09:10
500-55081-14	MW-118	Water	03/08/13 11:35	03/09/13 09:10
500-55081-15	MW-118 Dup	Water	03/08/13 11:40	03/09/13 09:10
500-55081-16	MW-119	Water	03/08/13 12:10	03/09/13 09:10
500-55081-17	Trip Blank	Water	03/07/13 00:00	03/09/13 09:10

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek -117-2201289.02

TestAmerica Job ID: 500-55081-1

Client Sample ID: MW-111
Date Collected: 03/07/13 11:10
Date Received: 03/09/13 09:10

Lab Sample ID: 500-55081-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.25		1.0	0.25	ug/L			03/14/13 11:57	1
1,1,1-Trichloroethane	<0.20		1.0	0.20	ug/L			03/14/13 11:57	1
1,1,2,2-Tetrachloroethane	<0.23		1.0	0.23	ug/L			03/14/13 11:57	1
1,1,2-Trichloroethane	<0.28		1.0	0.28	ug/L			03/14/13 11:57	1
1,1-Dichloroethane	<0.19		1.0	0.19	ug/L			03/14/13 11:57	1
1,1-Dichloroethene	<0.31		1.0	0.31	ug/L			03/14/13 11:57	1
1,1-Dichloropropene	<0.34		1.0	0.34	ug/L			03/14/13 11:57	1
1,2,3-Trichlorobenzene	<0.24		1.0	0.24	ug/L			03/14/13 11:57	1
1,2,3-Trichloropropane	<0.45		1.0	0.45	ug/L			03/14/13 11:57	1
1,2,4-Trichlorobenzene	<0.31		1.0	0.31	ug/L			03/14/13 11:57	1
1,2,4-Trimethylbenzene	<0.14		1.0	0.14	ug/L			03/14/13 11:57	1
1,2-Dibromo-3-Chloropropane	<0.87		2.0	0.87	ug/L			03/14/13 11:57	1
1,2-Dibromoethane	<0.36		1.0	0.36	ug/L			03/14/13 11:57	1
1,2-Dichlorobenzene	<0.27		1.0	0.27	ug/L			03/14/13 11:57	1
1,2-Dichloroethane	<0.28		1.0	0.28	ug/L			03/14/13 11:57	1
1,2-Dichloropropane	<0.20		1.0	0.20	ug/L			03/14/13 11:57	1
1,3,5-Trimethylbenzene	<0.18		1.0	0.18	ug/L			03/14/13 11:57	1
1,3-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/14/13 11:57	1
1,3-Dichloropropane	<0.13		1.0	0.13	ug/L			03/14/13 11:57	1
1,4-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/14/13 11:57	1
2,2-Dichloropropane	<0.32		1.0	0.32	ug/L			03/14/13 11:57	1
2-Chlorotoluene	<0.21		1.0	0.21	ug/L			03/14/13 11:57	1
4-Chlorotoluene	<0.20		1.0	0.20	ug/L			03/14/13 11:57	1
Benzene	<0.074		0.50	0.074	ug/L			03/14/13 11:57	1
Bromobenzene	<0.25		1.0	0.25	ug/L			03/14/13 11:57	1
Bromochloromethane	<0.40		1.0	0.40	ug/L			03/14/13 11:57	1
Bromodichloromethane	<0.17		1.0	0.17	ug/L			03/14/13 11:57	1
Bromoform	<0.28		1.0	0.28	ug/L			03/14/13 11:57	1
Bromomethane	<0.31		1.0	0.31	ug/L			03/14/13 11:57	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/L			03/14/13 11:57	1
Chlorobenzene	<0.14		1.0	0.14	ug/L			03/14/13 11:57	1
Chloroethane	<0.34		1.0	0.34	ug/L			03/14/13 11:57	1
Chloroform	<0.20		1.0	0.20	ug/L			03/14/13 11:57	1
Chloromethane	<0.18		1.0	0.18	ug/L			03/14/13 11:57	1
cis-1,2-Dichloroethene	<0.12		1.0	0.12	ug/L			03/14/13 11:57	1
cis-1,3-Dichloropropene	<0.18		1.0	0.18	ug/L			03/14/13 11:57	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			03/14/13 11:57	1
Dibromomethane	<0.33		1.0	0.33	ug/L			03/14/13 11:57	1
Dichlorodifluoromethane	<0.20		1.0	0.20	ug/L			03/14/13 11:57	1
Ethylbenzene	<0.13		0.50	0.13	ug/L			03/14/13 11:57	1
Hexachlorobutadiene	<0.26		1.0	0.26	ug/L			03/14/13 11:57	1
Isopropyl ether	<0.15		1.0	0.15	ug/L			03/14/13 11:57	1
Isopropylbenzene	<0.14		1.0	0.14	ug/L			03/14/13 11:57	1
Methyl tert-butyl ether	<0.24		1.0	0.24	ug/L			03/14/13 11:57	1
Methylene Chloride	<0.68		5.0	0.68	ug/L			03/14/13 11:57	1
Naphthalene	<0.16		1.0	0.16	ug/L			03/14/13 11:57	1
n-Butylbenzene	<0.13		1.0	0.13	ug/L			03/14/13 11:57	1
N-Propylbenzene	<0.13		1.0	0.13	ug/L			03/14/13 11:57	1
p-Isopropyltoluene	<0.17		1.0	0.17	ug/L			03/14/13 11:57	1

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek -117-2201289.02

TestAmerica Job ID: 500-55081-1

Client Sample ID: MW-111
Date Collected: 03/07/13 11:10
Date Received: 03/09/13 09:10

Lab Sample ID: 500-55081-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.15		1.0	0.15	ug/L			03/14/13 11:57	1
Styrene	<0.10		1.0	0.10	ug/L			03/14/13 11:57	1
tert-Butylbenzene	<0.14		1.0	0.14	ug/L			03/14/13 11:57	1
Tetrachloroethene	<0.17		1.0	0.17	ug/L			03/14/13 11:57	1
Toluene	<0.11		0.50	0.11	ug/L			03/14/13 11:57	1
trans-1,2-Dichloroethene	<0.25		1.0	0.25	ug/L			03/14/13 11:57	1
trans-1,3-Dichloropropene	<0.21		1.0	0.21	ug/L			03/14/13 11:57	1
Trichloroethene	<0.19		0.50	0.19	ug/L			03/14/13 11:57	1
Trichlorofluoromethane	<0.19		1.0	0.19	ug/L			03/14/13 11:57	1
Vinyl chloride	<0.10		0.50	0.10	ug/L			03/14/13 11:57	1
Xylenes, Total	<0.068		1.0	0.068	ug/L			03/14/13 11:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*75 - 125*		*03/14/13 11:57*	*1*
4-Bromofluorobenzene (Surr)	*91*		*75 - 120*		*03/14/13 11:57*	*1*
Dibromofluoromethane	*96*		*75 - 120*		*03/14/13 11:57*	*1*
Toluene-d8 (Surr)	*97*		*75 - 120*		*03/14/13 11:57*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.18		0.74	0.18	ug/L		03/13/13 08:50	03/14/13 15:10	1
2-Methylnaphthalene	<0.062	*	0.37	0.062	ug/L		03/13/13 08:50	03/14/13 15:10	1
Acenaphthene	<0.091	*	0.74	0.091	ug/L		03/13/13 08:50	03/14/13 15:10	1
Acenaphthylene	<0.10	*	0.74	0.10	ug/L		03/13/13 08:50	03/14/13 15:10	1
Anthracene	<0.14		0.74	0.14	ug/L		03/13/13 08:50	03/14/13 15:10	1
Benzo[a]anthracene	<0.048	*	0.15	0.048	ug/L		03/13/13 08:50	03/14/13 15:10	1
Benzo[a]pyrene	<0.056		0.15	0.056	ug/L		03/13/13 08:50	03/14/13 15:10	1
Benzo[b]fluoranthene	<0.060		0.15	0.060	ug/L		03/13/13 08:50	03/14/13 15:10	1
Benzo[g,h,i]perylene	<0.36		0.74	0.36	ug/L		03/13/13 08:50	03/14/13 15:10	1
Benzo[k]fluoranthene	<0.13	*	0.15	0.13	ug/L		03/13/13 08:50	03/14/13 15:10	1
Chrysene	<0.069	*	0.37	0.069	ug/L		03/13/13 08:50	03/14/13 15:10	1
Dibenz(a,h)anthracene	<0.084		0.22	0.084	ug/L		03/13/13 08:50	03/14/13 15:10	1
Fluoranthene	**0.23**	**J ***	0.74	0.15	ug/L		03/13/13 08:50	03/14/13 15:10	1
Fluorene	<0.12		0.74	0.12	ug/L		03/13/13 08:50	03/14/13 15:10	1
Indeno[1,2,3-cd]pyrene	<0.057		0.15	0.057	ug/L		03/13/13 08:50	03/14/13 15:10	1
Naphthalene	<0.11	*	0.74	0.11	ug/L		03/13/13 08:50	03/14/13 15:10	1
Phenanthrene	**0.23**	**J**	0.74	0.16	ug/L		03/13/13 08:50	03/14/13 15:10	1
Pyrene	<0.17	*	0.74	0.17	ug/L		03/13/13 08:50	03/14/13 15:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*79*		*48 - 110*	*03/13/13 08:50*	*03/14/13 15:10*	*1*
Nitrobenzene-d5 (Surr)	*96*		*41 - 110*	*03/13/13 08:50*	*03/14/13 15:10*	*1*
Terphenyl-d14 (Surr)	*95*		*44 - 132*	*03/13/13 08:50*	*03/14/13 15:10*	*1*

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek -117-2201289.02

TestAmerica Job ID: 500-55081-1

Client Sample ID: P-110
Date Collected: 03/07/13 11:45
Date Received: 03/09/13 09:10

Lab Sample ID: 500-55081-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.25		1.0	0.25	ug/L			03/14/13 12:21	1
1,1,1-Trichloroethane	<0.20		1.0	0.20	ug/L			03/14/13 12:21	1
1,1,2,2-Tetrachloroethane	<0.23		1.0	0.23	ug/L			03/14/13 12:21	1
1,1,2-Trichloroethane	<0.28		1.0	0.28	ug/L			03/14/13 12:21	1
1,1-Dichloroethane	<0.19		1.0	0.19	ug/L			03/14/13 12:21	1
1,1-Dichloroethene	<0.31		1.0	0.31	ug/L			03/14/13 12:21	1
1,1-Dichloropropene	<0.34		1.0	0.34	ug/L			03/14/13 12:21	1
1,2,3-Trichlorobenzene	<0.24		1.0	0.24	ug/L			03/14/13 12:21	1
1,2,3-Trichloropropane	<0.45		1.0	0.45	ug/L			03/14/13 12:21	1
1,2,4-Trichlorobenzene	<0.31		1.0	0.31	ug/L			03/14/13 12:21	1
1,2,4-Trimethylbenzene	**2.3**		1.0	0.14	ug/L			03/14/13 12:21	1
1,2-Dibromo-3-Chloropropane	<0.87		2.0	0.87	ug/L			03/14/13 12:21	1
1,2-Dibromoethane	<0.36		1.0	0.36	ug/L			03/14/13 12:21	1
1,2-Dichlorobenzene	<0.27		1.0	0.27	ug/L			03/14/13 12:21	1
1,2-Dichloroethane	<0.28		1.0	0.28	ug/L			03/14/13 12:21	1
1,2-Dichloropropane	<0.20		1.0	0.20	ug/L			03/14/13 12:21	1
1,3,5-Trimethylbenzene	**1.3**		1.0	0.18	ug/L			03/14/13 12:21	1
1,3-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/14/13 12:21	1
1,3-Dichloropropane	<0.13		1.0	0.13	ug/L			03/14/13 12:21	1
1,4-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/14/13 12:21	1
2,2-Dichloropropane	<0.32		1.0	0.32	ug/L			03/14/13 12:21	1
2-Chlorotoluene	<0.21		1.0	0.21	ug/L			03/14/13 12:21	1
4-Chlorotoluene	<0.20		1.0	0.20	ug/L			03/14/13 12:21	1
Benzene	**0.96**		0.50	0.074	ug/L			03/14/13 12:21	1
Bromobenzene	<0.25		1.0	0.25	ug/L			03/14/13 12:21	1
Bromochloromethane	<0.40		1.0	0.40	ug/L			03/14/13 12:21	1
Bromodichloromethane	<0.17		1.0	0.17	ug/L			03/14/13 12:21	1
Bromoform	<0.28		1.0	0.28	ug/L			03/14/13 12:21	1
Bromomethane	<0.31		1.0	0.31	ug/L			03/14/13 12:21	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/L			03/14/13 12:21	1
Chlorobenzene	<0.14		1.0	0.14	ug/L			03/14/13 12:21	1
Chloroethane	<0.34		1.0	0.34	ug/L			03/14/13 12:21	1
Chloroform	<0.20		1.0	0.20	ug/L			03/14/13 12:21	1
Chloromethane	<0.18		1.0	0.18	ug/L			03/14/13 12:21	1
cis-1,2-Dichloroethene	<0.12		1.0	0.12	ug/L			03/14/13 12:21	1
cis-1,3-Dichloropropene	<0.18		1.0	0.18	ug/L			03/14/13 12:21	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			03/14/13 12:21	1
Dibromomethane	<0.33		1.0	0.33	ug/L			03/14/13 12:21	1
Dichlorodifluoromethane	<0.20		1.0	0.20	ug/L			03/14/13 12:21	1
Ethylbenzene	**1.2**		0.50	0.13	ug/L			03/14/13 12:21	1
Hexachlorobutadiene	<0.26		1.0	0.26	ug/L			03/14/13 12:21	1
Isopropyl ether	<0.15		1.0	0.15	ug/L			03/14/13 12:21	1
Isopropylbenzene	<0.14		1.0	0.14	ug/L			03/14/13 12:21	1
Methyl tert-butyl ether	<0.24		1.0	0.24	ug/L			03/14/13 12:21	1
Methylene Chloride	<0.68		5.0	0.68	ug/L			03/14/13 12:21	1
n-Butylbenzene	<0.13		1.0	0.13	ug/L			03/14/13 12:21	1
N-Propylbenzene	<0.13		1.0	0.13	ug/L			03/14/13 12:21	1
p-Isopropyltoluene	<0.17		1.0	0.17	ug/L			03/14/13 12:21	1
sec-Butylbenzene	<0.15		1.0	0.15	ug/L			03/14/13 12:21	1

Client Sample ID: P-110
Date Collected: 03/07/13 11:45
Date Received: 03/09/13 09:10

Lab Sample ID: 500-55081-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	<0.10		1.0	0.10	ug/L			03/14/13 12:21	1
tert-Butylbenzene	<0.14		1.0	0.14	ug/L			03/14/13 12:21	1
Tetrachloroethene	<0.17		1.0	0.17	ug/L			03/14/13 12:21	1
Toluene	**2.2**		0.50	0.11	ug/L			03/14/13 12:21	1
trans-1,2-Dichloroethene	<0.25		1.0	0.25	ug/L			03/14/13 12:21	1
trans-1,3-Dichloropropene	<0.21		1.0	0.21	ug/L			03/14/13 12:21	1
Trichloroethene	<0.19		0.50	0.19	ug/L			03/14/13 12:21	1
Trichlorofluoromethane	<0.19		1.0	0.19	ug/L			03/14/13 12:21	1
Vinyl chloride	<0.10		0.50	0.10	ug/L			03/14/13 12:21	1
Xylenes, Total	**5.0**		1.0	0.068	ug/L			03/14/13 12:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*75 - 125*		*03/14/13 12:21*	*1*
4-Bromofluorobenzene (Surr)	*91*		*75 - 120*		*03/14/13 12:21*	*1*
Dibromofluoromethane	*96*		*75 - 120*		*03/14/13 12:21*	*1*
Toluene-d8 (Surr)	*97*		*75 - 120*		*03/14/13 12:21*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	**1100**		10	1.6	ug/L			03/14/13 12:46	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*75 - 125*		*03/14/13 12:46*	*10*
4-Bromofluorobenzene (Surr)	*89*		*75 - 120*		*03/14/13 12:46*	*10*
Dibromofluoromethane	*95*		*75 - 120*		*03/14/13 12:46*	*10*
Toluene-d8 (Surr)	*96*		*75 - 120*		*03/14/13 12:46*	*10*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**20**		0.73	0.17	ug/L		03/13/13 08:50	03/14/13 15:47	1
2-Methylnaphthalene	**4.0**	*	0.36	0.061	ug/L		03/13/13 08:50	03/14/13 15:47	1
Acenaphthene	**35**	*	0.73	0.090	ug/L		03/13/13 08:50	03/14/13 15:47	1
Acenaphthylene	**7.3**	*	0.73	0.098	ug/L		03/13/13 08:50	03/14/13 15:47	1
Anthracene	**15**		0.73	0.13	ug/L		03/13/13 08:50	03/14/13 15:47	1
Benzo[a]anthracene	**1.7**	*	0.15	0.047	ug/L		03/13/13 08:50	03/14/13 15:47	1
Benzo[a]pyrene	**0.57**		0.15	0.055	ug/L		03/13/13 08:50	03/14/13 15:47	1
Benzo[b]fluoranthene	**0.77**		0.15	0.059	ug/L		03/13/13 08:50	03/14/13 15:47	1
Benzo[g,h,i]perylene	<0.35		0.73	0.35	ug/L		03/13/13 08:50	03/14/13 15:47	1
Benzo[k]fluoranthene	**0.26**	*	0.15	0.12	ug/L		03/13/13 08:50	03/14/13 15:47	1
Chrysene	**1.2**	*	0.36	0.068	ug/L		03/13/13 08:50	03/14/13 15:47	1
Dibenz(a,h)anthracene	<0.082		0.22	0.082	ug/L		03/13/13 08:50	03/14/13 15:47	1
Fluoranthene	**17**	*	0.73	0.15	ug/L		03/13/13 08:50	03/14/13 15:47	1
Fluorene	**34**		0.73	0.12	ug/L		03/13/13 08:50	03/14/13 15:47	1
Indeno[1,2,3-cd]pyrene	**0.17**		0.15	0.056	ug/L		03/13/13 08:50	03/14/13 15:47	1
Phenanthrene	**43**		0.73	0.15	ug/L		03/13/13 08:50	03/14/13 15:47	1
Pyrene	**13**	*	0.73	0.17	ug/L		03/13/13 08:50	03/14/13 15:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*72*		*48 - 110*	*03/13/13 08:50*	*03/14/13 15:47*	*1*
Nitrobenzene-d5 (Surr)	*88*		*41 - 110*	*03/13/13 08:50*	*03/14/13 15:47*	*1*
Terphenyl-d14 (Surr)	*89*		*44 - 132*	*03/13/13 08:50*	*03/14/13 15:47*	*1*

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek -117-2201289.02

TestAmerica Job ID: 500-55081-1

Client Sample ID: P-110
Date Collected: 03/07/13 11:45
Date Received: 03/09/13 09:10

Lab Sample ID: 500-55081-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	180	*	7.3	1.1	ug/L		03/13/13 08:50	03/15/13 15:18	10

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek -117-2201289.02

TestAmerica Job ID: 500-55081-1

Client Sample ID: P-103
Date Collected: 03/07/13 12:45
Date Received: 03/09/13 09:10

Lab Sample ID: 500-55081-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.25		1.0	0.25	ug/L			03/15/13 10:16	1
1,1,1-Trichloroethane	<0.20		1.0	0.20	ug/L			03/15/13 10:16	1
1,1,2,2-Tetrachloroethane	<0.23		1.0	0.23	ug/L			03/15/13 10:16	1
1,1,2-Trichloroethane	<0.28		1.0	0.28	ug/L			03/15/13 10:16	1
1,1-Dichloroethane	<0.19		1.0	0.19	ug/L			03/15/13 10:16	1
1,1-Dichloroethene	<0.31		1.0	0.31	ug/L			03/15/13 10:16	1
1,1-Dichloropropene	<0.34		1.0	0.34	ug/L			03/15/13 10:16	1
1,2,3-Trichlorobenzene	<0.24		1.0	0.24	ug/L			03/15/13 10:16	1
1,2,3-Trichloropropane	<0.45		1.0	0.45	ug/L			03/15/13 10:16	1
1,2,4-Trichlorobenzene	<0.31		1.0	0.31	ug/L			03/15/13 10:16	1
1,2,4-Trimethylbenzene	<0.14		1.0	0.14	ug/L			03/15/13 10:16	1
1,2-Dibromo-3-Chloropropane	<0.87		2.0	0.87	ug/L			03/15/13 10:16	1
1,2-Dibromoethane	<0.36		1.0	0.36	ug/L			03/15/13 10:16	1
1,2-Dichlorobenzene	<0.27		1.0	0.27	ug/L			03/15/13 10:16	1
1,2-Dichloroethane	<0.28		1.0	0.28	ug/L			03/15/13 10:16	1
1,2-Dichloropropane	<0.20		1.0	0.20	ug/L			03/15/13 10:16	1
1,3,5-Trimethylbenzene	<0.18		1.0	0.18	ug/L			03/15/13 10:16	1
1,3-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/15/13 10:16	1
1,3-Dichloropropane	<0.13		1.0	0.13	ug/L			03/15/13 10:16	1
1,4-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/15/13 10:16	1
2,2-Dichloropropane	<0.32		1.0	0.32	ug/L			03/15/13 10:16	1
2-Chlorotoluene	<0.21		1.0	0.21	ug/L			03/15/13 10:16	1
4-Chlorotoluene	<0.20		1.0	0.20	ug/L			03/15/13 10:16	1
Benzene	<0.074		0.50	0.074	ug/L			03/15/13 10:16	1
Bromobenzene	<0.25		1.0	0.25	ug/L			03/15/13 10:16	1
Bromochloromethane	<0.40		1.0	0.40	ug/L			03/15/13 10:16	1
Bromodichloromethane	<0.17		1.0	0.17	ug/L			03/15/13 10:16	1
Bromoform	<0.28		1.0	0.28	ug/L			03/15/13 10:16	1
Bromomethane	<0.31		1.0	0.31	ug/L			03/15/13 10:16	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/L			03/15/13 10:16	1
Chlorobenzene	<0.14		1.0	0.14	ug/L			03/15/13 10:16	1
Chloroethane	<0.34		1.0	0.34	ug/L			03/15/13 10:16	1
Chloroform	<0.20		1.0	0.20	ug/L			03/15/13 10:16	1
Chloromethane	<0.18		1.0	0.18	ug/L			03/15/13 10:16	1
cis-1,2-Dichloroethene	<0.12		1.0	0.12	ug/L			03/15/13 10:16	1
cis-1,3-Dichloropropene	<0.18		1.0	0.18	ug/L			03/15/13 10:16	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			03/15/13 10:16	1
Dibromomethane	<0.33		1.0	0.33	ug/L			03/15/13 10:16	1
Dichlorodifluoromethane	<0.20		1.0	0.20	ug/L			03/15/13 10:16	1
Ethylbenzene	<0.13		0.50	0.13	ug/L			03/15/13 10:16	1
Hexachlorobutadiene	<0.26		1.0	0.26	ug/L			03/15/13 10:16	1
Isopropyl ether	<0.15		1.0	0.15	ug/L			03/15/13 10:16	1
Isopropylbenzene	<0.14		1.0	0.14	ug/L			03/15/13 10:16	1
Methyl tert-butyl ether	<0.24		1.0	0.24	ug/L			03/15/13 10:16	1
Methylene Chloride	<0.68		5.0	0.68	ug/L			03/15/13 10:16	1
Naphthalene	<0.16		1.0	0.16	ug/L			03/15/13 10:16	1
n-Butylbenzene	<0.13		1.0	0.13	ug/L			03/15/13 10:16	1
N-Propylbenzene	<0.13		1.0	0.13	ug/L			03/15/13 10:16	1
p-Isopropyltoluene	<0.17		1.0	0.17	ug/L			03/15/13 10:16	1

Client Sample ID: P-103
Date Collected: 03/07/13 12:45
Date Received: 03/09/13 09:10

Lab Sample ID: 500-55081-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.15		1.0	0.15	ug/L			03/15/13 10:16	1
Styrene	<0.10		1.0	0.10	ug/L			03/15/13 10:16	1
tert-Butylbenzene	<0.14		1.0	0.14	ug/L			03/15/13 10:16	1
Tetrachloroethene	<0.17		1.0	0.17	ug/L			03/15/13 10:16	1
Toluene	<0.11		0.50	0.11	ug/L			03/15/13 10:16	1
trans-1,2-Dichloroethene	<0.25		1.0	0.25	ug/L			03/15/13 10:16	1
trans-1,3-Dichloropropene	<0.21		1.0	0.21	ug/L			03/15/13 10:16	1
Trichloroethene	<0.19		0.50	0.19	ug/L			03/15/13 10:16	1
Trichlorofluoromethane	<0.19		1.0	0.19	ug/L			03/15/13 10:16	1
Vinyl chloride	<0.10		0.50	0.10	ug/L			03/15/13 10:16	1
Xylenes, Total	<0.068		1.0	0.068	ug/L			03/15/13 10:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*75 - 125*		*03/15/13 10:16*	*1*
4-Bromofluorobenzene (Surr)	*93*		*75 - 120*		*03/15/13 10:16*	*1*
Dibromofluoromethane	*96*		*75 - 120*		*03/15/13 10:16*	*1*
Toluene-d8 (Surr)	*98*		*75 - 120*		*03/15/13 10:16*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.17		0.73	0.17	ug/L		03/13/13 08:50	03/14/13 16:11	1
2-Methylnaphthalene	<0.062	*	0.37	0.062	ug/L		03/13/13 08:50	03/14/13 16:11	1
Acenaphthene	<0.090	*	0.73	0.090	ug/L		03/13/13 08:50	03/14/13 16:11	1
Acenaphthylene	<0.099	*	0.73	0.099	ug/L		03/13/13 08:50	03/14/13 16:11	1
Anthracene	<0.14		0.73	0.14	ug/L		03/13/13 08:50	03/14/13 16:11	1
Benzo[a]anthracene	<0.048	*	0.15	0.048	ug/L		03/13/13 08:50	03/14/13 16:11	1
Benzo[a]pyrene	<0.055		0.15	0.055	ug/L		03/13/13 08:50	03/14/13 16:11	1
Benzo[b]fluoranthene	<0.060		0.15	0.060	ug/L		03/13/13 08:50	03/14/13 16:11	1
Benzo[g,h,i]perylene	<0.35		0.73	0.35	ug/L		03/13/13 08:50	03/14/13 16:11	1
Benzo[k]fluoranthene	<0.12	*	0.15	0.12	ug/L		03/13/13 08:50	03/14/13 16:11	1
Chrysene	<0.068	*	0.37	0.068	ug/L		03/13/13 08:50	03/14/13 16:11	1
Dibenz(a,h)anthracene	<0.083		0.22	0.083	ug/L		03/13/13 08:50	03/14/13 16:11	1
Fluoranthene	<0.15	*	0.73	0.15	ug/L		03/13/13 08:50	03/14/13 16:11	1
Fluorene	<0.12		0.73	0.12	ug/L		03/13/13 08:50	03/14/13 16:11	1
Indeno[1,2,3-cd]pyrene	<0.056		0.15	0.056	ug/L		03/13/13 08:50	03/14/13 16:11	1
Naphthalene	<0.11	*	0.73	0.11	ug/L		03/13/13 08:50	03/14/13 16:11	1
Phenanthrene	<0.15		0.73	0.15	ug/L		03/13/13 08:50	03/14/13 16:11	1
Pyrene	<0.17	*	0.73	0.17	ug/L		03/13/13 08:50	03/14/13 16:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*81*		*48 - 110*	*03/13/13 08:50*	*03/14/13 16:11*	*1*
Nitrobenzene-d5 (Surr)	*91*		*41 - 110*	*03/13/13 08:50*	*03/14/13 16:11*	*1*
Terphenyl-d14 (Surr)	*91*		*44 - 132*	*03/13/13 08:50*	*03/14/13 16:11*	*1*

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek -117-2201289.02

TestAmerica Job ID: 500-55081-1

Client Sample ID: MW-102
Date Collected: 03/07/13 13:05
Date Received: 03/09/13 09:10

Lab Sample ID: 500-55081-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.25		1.0	0.25	ug/L			03/15/13 10:40	1
1,1,1-Trichloroethane	<0.20		1.0	0.20	ug/L			03/15/13 10:40	1
1,1,2,2-Tetrachloroethane	<0.23		1.0	0.23	ug/L			03/15/13 10:40	1
1,1,2-Trichloroethane	<0.28		1.0	0.28	ug/L			03/15/13 10:40	1
1,1-Dichloroethane	<0.19		1.0	0.19	ug/L			03/15/13 10:40	1
1,1-Dichloroethene	<0.31		1.0	0.31	ug/L			03/15/13 10:40	1
1,1-Dichloropropene	<0.34		1.0	0.34	ug/L			03/15/13 10:40	1
1,2,3-Trichlorobenzene	<0.24		1.0	0.24	ug/L			03/15/13 10:40	1
1,2,3-Trichloropropane	<0.45		1.0	0.45	ug/L			03/15/13 10:40	1
1,2,4-Trichlorobenzene	<0.31		1.0	0.31	ug/L			03/15/13 10:40	1
1,2,4-Trimethylbenzene	<0.14		1.0	0.14	ug/L			03/15/13 10:40	1
1,2-Dibromo-3-Chloropropane	<0.87		2.0	0.87	ug/L			03/15/13 10:40	1
1,2-Dibromoethane	<0.36		1.0	0.36	ug/L			03/15/13 10:40	1
1,2-Dichlorobenzene	<0.27		1.0	0.27	ug/L			03/15/13 10:40	1
1,2-Dichloroethane	<0.28		1.0	0.28	ug/L			03/15/13 10:40	1
1,2-Dichloropropane	<0.20		1.0	0.20	ug/L			03/15/13 10:40	1
1,3,5-Trimethylbenzene	<0.18		1.0	0.18	ug/L			03/15/13 10:40	1
1,3-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/15/13 10:40	1
1,3-Dichloropropane	<0.13		1.0	0.13	ug/L			03/15/13 10:40	1
1,4-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/15/13 10:40	1
2,2-Dichloropropane	<0.32		1.0	0.32	ug/L			03/15/13 10:40	1
2-Chlorotoluene	<0.21		1.0	0.21	ug/L			03/15/13 10:40	1
4-Chlorotoluene	<0.20		1.0	0.20	ug/L			03/15/13 10:40	1
Benzene	<0.074		0.50	0.074	ug/L			03/15/13 10:40	1
Bromobenzene	<0.25		1.0	0.25	ug/L			03/15/13 10:40	1
Bromochloromethane	<0.40		1.0	0.40	ug/L			03/15/13 10:40	1
Bromodichloromethane	<0.17		1.0	0.17	ug/L			03/15/13 10:40	1
Bromoform	<0.28		1.0	0.28	ug/L			03/15/13 10:40	1
Bromomethane	<0.31		1.0	0.31	ug/L			03/15/13 10:40	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/L			03/15/13 10:40	1
Chlorobenzene	<0.14		1.0	0.14	ug/L			03/15/13 10:40	1
Chloroethane	<0.34		1.0	0.34	ug/L			03/15/13 10:40	1
Chloroform	<0.20		1.0	0.20	ug/L			03/15/13 10:40	1
Chloromethane	<0.18		1.0	0.18	ug/L			03/15/13 10:40	1
cis-1,2-Dichloroethene	<0.12		1.0	0.12	ug/L			03/15/13 10:40	1
cis-1,3-Dichloropropene	<0.18		1.0	0.18	ug/L			03/15/13 10:40	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			03/15/13 10:40	1
Dibromomethane	<0.33		1.0	0.33	ug/L			03/15/13 10:40	1
Dichlorodifluoromethane	<0.20		1.0	0.20	ug/L			03/15/13 10:40	1
Ethylbenzene	<0.13		0.50	0.13	ug/L			03/15/13 10:40	1
Hexachlorobutadiene	<0.26		1.0	0.26	ug/L			03/15/13 10:40	1
Isopropyl ether	<0.15		1.0	0.15	ug/L			03/15/13 10:40	1
Isopropylbenzene	<0.14		1.0	0.14	ug/L			03/15/13 10:40	1
Methyl tert-butyl ether	<0.24		1.0	0.24	ug/L			03/15/13 10:40	1
Methylene Chloride	<0.68		5.0	0.68	ug/L			03/15/13 10:40	1
Naphthalene	<0.16		1.0	0.16	ug/L			03/15/13 10:40	1
n-Butylbenzene	<0.13		1.0	0.13	ug/L			03/15/13 10:40	1
N-Propylbenzene	<0.13		1.0	0.13	ug/L			03/15/13 10:40	1
p-Isopropyltoluene	<0.17		1.0	0.17	ug/L			03/15/13 10:40	1

Client Sample ID: MW-102
Date Collected: 03/07/13 13:05
Date Received: 03/09/13 09:10

Lab Sample ID: 500-55081-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.15		1.0	0.15	ug/L			03/15/13 10:40	1
Styrene	<0.10		1.0	0.10	ug/L			03/15/13 10:40	1
tert-Butylbenzene	<0.14		1.0	0.14	ug/L			03/15/13 10:40	1
Tetrachloroethene	<0.17		1.0	0.17	ug/L			03/15/13 10:40	1
Toluene	<0.11		0.50	0.11	ug/L			03/15/13 10:40	1
trans-1,2-Dichloroethene	<0.25		1.0	0.25	ug/L			03/15/13 10:40	1
trans-1,3-Dichloropropene	<0.21		1.0	0.21	ug/L			03/15/13 10:40	1
Trichloroethene	<0.19		0.50	0.19	ug/L			03/15/13 10:40	1
Trichlorofluoromethane	<0.19		1.0	0.19	ug/L			03/15/13 10:40	1
Vinyl chloride	<0.10		0.50	0.10	ug/L			03/15/13 10:40	1
Xylenes, Total	<0.068		1.0	0.068	ug/L			03/15/13 10:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*75 - 125*		*03/15/13 10:40*	*1*
4-Bromofluorobenzene (Surr)	*92*		*75 - 120*		*03/15/13 10:40*	*1*
Dibromofluoromethane	*95*		*75 - 120*		*03/15/13 10:40*	*1*
Toluene-d8 (Surr)	*96*		*75 - 120*		*03/15/13 10:40*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.17		0.73	0.17	ug/L		03/13/13 08:50	03/14/13 16:35	1
2-Methylnaphthalene	<0.062	*	0.37	0.062	ug/L		03/13/13 08:50	03/14/13 16:35	1
Acenaphthene	<0.090	*	0.73	0.090	ug/L		03/13/13 08:50	03/14/13 16:35	1
Acenaphthylene	<0.099	*	0.73	0.099	ug/L		03/13/13 08:50	03/14/13 16:35	1
Anthracene	<0.14		0.73	0.14	ug/L		03/13/13 08:50	03/14/13 16:35	1
Benzo[a]anthracene	**0.68**	*	0.15	0.048	ug/L		03/13/13 08:50	03/14/13 16:35	1
Benzo[a]pyrene	**0.77**		0.15	0.055	ug/L		03/13/13 08:50	03/14/13 16:35	1
Benzo[b]fluoranthene	**1.1**		0.15	0.060	ug/L		03/13/13 08:50	03/14/13 16:35	1
Benzo[g,h,i]perylene	**0.39**	J	0.73	0.35	ug/L		03/13/13 08:50	03/14/13 16:35	1
Benzo[k]fluoranthene	**0.40**	*	0.15	0.12	ug/L		03/13/13 08:50	03/14/13 16:35	1
Chrysene	**0.83**	*	0.37	0.068	ug/L		03/13/13 08:50	03/14/13 16:35	1
Dibenz(a,h)anthracene	<0.083		0.22	0.083	ug/L		03/13/13 08:50	03/14/13 16:35	1
Fluoranthene	**0.64**	J *	0.73	0.15	ug/L		03/13/13 08:50	03/14/13 16:35	1
Fluorene	<0.12		0.73	0.12	ug/L		03/13/13 08:50	03/14/13 16:35	1
Indeno[1,2,3-cd]pyrene	**0.31**		0.15	0.056	ug/L		03/13/13 08:50	03/14/13 16:35	1
Naphthalene	<0.11	*	0.73	0.11	ug/L		03/13/13 08:50	03/14/13 16:35	1
Phenanthrene	<0.15		0.73	0.15	ug/L		03/13/13 08:50	03/14/13 16:35	1
Pyrene	**0.58**	J *	0.73	0.17	ug/L		03/13/13 08:50	03/14/13 16:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*76*		*48 - 110*	*03/13/13 08:50*	*03/14/13 16:35*	*1*
Nitrobenzene-d5 (Surr)	*89*		*41 - 110*	*03/13/13 08:50*	*03/14/13 16:35*	*1*
Terphenyl-d14 (Surr)	*90*		*44 - 132*	*03/13/13 08:50*	*03/14/13 16:35*	*1*

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek -117-2201289.02

TestAmerica Job ID: 500-55081-1

Client Sample ID: MW-104
Date Collected: 03/07/13 13:25
Date Received: 03/09/13 09:10

Lab Sample ID: 500-55081-5
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.25		1.0	0.25	ug/L			03/15/13 11:04	1
1,1,1-Trichloroethane	<0.20		1.0	0.20	ug/L			03/15/13 11:04	1
1,1,2,2-Tetrachloroethane	<0.23		1.0	0.23	ug/L			03/15/13 11:04	1
1,1,2-Trichloroethane	<0.28		1.0	0.28	ug/L			03/15/13 11:04	1
1,1-Dichloroethane	<0.19		1.0	0.19	ug/L			03/15/13 11:04	1
1,1-Dichloroethene	<0.31		1.0	0.31	ug/L			03/15/13 11:04	1
1,1-Dichloropropene	<0.34		1.0	0.34	ug/L			03/15/13 11:04	1
1,2,3-Trichlorobenzene	<0.24		1.0	0.24	ug/L			03/15/13 11:04	1
1,2,3-Trichloropropane	<0.45		1.0	0.45	ug/L			03/15/13 11:04	1
1,2,4-Trichlorobenzene	<0.31		1.0	0.31	ug/L			03/15/13 11:04	1
1,2,4-Trimethylbenzene	<0.14		1.0	0.14	ug/L			03/15/13 11:04	1
1,2-Dibromo-3-Chloropropane	<0.87		2.0	0.87	ug/L			03/15/13 11:04	1
1,2-Dibromoethane	<0.36		1.0	0.36	ug/L			03/15/13 11:04	1
1,2-Dichlorobenzene	<0.27		1.0	0.27	ug/L			03/15/13 11:04	1
1,2-Dichloroethane	<0.28		1.0	0.28	ug/L			03/15/13 11:04	1
1,2-Dichloropropane	<0.20		1.0	0.20	ug/L			03/15/13 11:04	1
1,3,5-Trimethylbenzene	<0.18		1.0	0.18	ug/L			03/15/13 11:04	1
1,3-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/15/13 11:04	1
1,3-Dichloropropane	<0.13		1.0	0.13	ug/L			03/15/13 11:04	1
1,4-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/15/13 11:04	1
2,2-Dichloropropane	<0.32		1.0	0.32	ug/L			03/15/13 11:04	1
2-Chlorotoluene	<0.21		1.0	0.21	ug/L			03/15/13 11:04	1
4-Chlorotoluene	<0.20		1.0	0.20	ug/L			03/15/13 11:04	1
Benzene	<0.074		0.50	0.074	ug/L			03/15/13 11:04	1
Bromobenzene	<0.25		1.0	0.25	ug/L			03/15/13 11:04	1
Bromochloromethane	<0.40		1.0	0.40	ug/L			03/15/13 11:04	1
Bromodichloromethane	<0.17		1.0	0.17	ug/L			03/15/13 11:04	1
Bromoform	<0.28		1.0	0.28	ug/L			03/15/13 11:04	1
Bromomethane	<0.31		1.0	0.31	ug/L			03/15/13 11:04	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/L			03/15/13 11:04	1
Chlorobenzene	<0.14		1.0	0.14	ug/L			03/15/13 11:04	1
Chloroethane	<0.34		1.0	0.34	ug/L			03/15/13 11:04	1
Chloroform	<0.20		1.0	0.20	ug/L			03/15/13 11:04	1
Chloromethane	<0.18		1.0	0.18	ug/L			03/15/13 11:04	1
cis-1,2-Dichloroethene	<0.12		1.0	0.12	ug/L			03/15/13 11:04	1
cis-1,3-Dichloropropene	<0.18		1.0	0.18	ug/L			03/15/13 11:04	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			03/15/13 11:04	1
Dibromomethane	<0.33		1.0	0.33	ug/L			03/15/13 11:04	1
Dichlorodifluoromethane	<0.20		1.0	0.20	ug/L			03/15/13 11:04	1
Ethylbenzene	<0.13		0.50	0.13	ug/L			03/15/13 11:04	1
Hexachlorobutadiene	<0.26		1.0	0.26	ug/L			03/15/13 11:04	1
Isopropyl ether	<0.15		1.0	0.15	ug/L			03/15/13 11:04	1
Isopropylbenzene	<0.14		1.0	0.14	ug/L			03/15/13 11:04	1
Methyl tert-butyl ether	<0.24		1.0	0.24	ug/L			03/15/13 11:04	1
Methylene Chloride	<0.68		5.0	0.68	ug/L			03/15/13 11:04	1
Naphthalene	<0.16		1.0	0.16	ug/L			03/15/13 11:04	1
n-Butylbenzene	<0.13		1.0	0.13	ug/L			03/15/13 11:04	1
N-Propylbenzene	<0.13		1.0	0.13	ug/L			03/15/13 11:04	1
p-Isopropyltoluene	<0.17		1.0	0.17	ug/L			03/15/13 11:04	1

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek -117-2201289.02

TestAmerica Job ID: 500-55081-1

Client Sample ID: MW-104
Date Collected: 03/07/13 13:25
Date Received: 03/09/13 09:10

Lab Sample ID: 500-55081-5
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.15		1.0	0.15	ug/L			03/15/13 11:04	1
Styrene	<0.10		1.0	0.10	ug/L			03/15/13 11:04	1
tert-Butylbenzene	<0.14		1.0	0.14	ug/L			03/15/13 11:04	1
Tetrachloroethene	<0.17		1.0	0.17	ug/L			03/15/13 11:04	1
Toluene	<0.11		0.50	0.11	ug/L			03/15/13 11:04	1
trans-1,2-Dichloroethene	<0.25		1.0	0.25	ug/L			03/15/13 11:04	1
trans-1,3-Dichloropropene	<0.21		1.0	0.21	ug/L			03/15/13 11:04	1
Trichloroethene	<0.19		0.50	0.19	ug/L			03/15/13 11:04	1
Trichlorofluoromethane	<0.19		1.0	0.19	ug/L			03/15/13 11:04	1
Vinyl chloride	<0.10		0.50	0.10	ug/L			03/15/13 11:04	1
Xylenes, Total	<0.068		1.0	0.068	ug/L			03/15/13 11:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*75 - 125*		*03/15/13 11:04*	*1*
4-Bromofluorobenzene (Surr)	*92*		*75 - 120*		*03/15/13 11:04*	*1*
Dibromofluoromethane	*94*		*75 - 120*		*03/15/13 11:04*	*1*
Toluene-d8 (Surr)	*96*		*75 - 120*		*03/15/13 11:04*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.18		0.78	0.18	ug/L		03/13/13 08:50	03/14/13 16:59	1
2-Methylnaphthalene	<0.065	*	0.39	0.065	ug/L		03/13/13 08:50	03/14/13 16:59	1
Acenaphthene	<0.096	*	0.78	0.096	ug/L		03/13/13 08:50	03/14/13 16:59	1
Acenaphthylene	<0.10	*	0.78	0.10	ug/L		03/13/13 08:50	03/14/13 16:59	1
Anthracene	<0.14		0.78	0.14	ug/L		03/13/13 08:50	03/14/13 16:59	1
Benzo[a]anthracene	<0.051	*	0.16	0.051	ug/L		03/13/13 08:50	03/14/13 16:59	1
Benzo[a]pyrene	<0.059		0.16	0.059	ug/L		03/13/13 08:50	03/14/13 16:59	1
Benzo[b]fluoranthene	<0.063		0.16	0.063	ug/L		03/13/13 08:50	03/14/13 16:59	1
Benzo[g,h,i]perylene	<0.37		0.78	0.37	ug/L		03/13/13 08:50	03/14/13 16:59	1
Benzo[k]fluoranthene	<0.13	*	0.16	0.13	ug/L		03/13/13 08:50	03/14/13 16:59	1
Chrysene	<0.073	*	0.39	0.073	ug/L		03/13/13 08:50	03/14/13 16:59	1
Dibenz(a,h)anthracene	<0.088		0.23	0.088	ug/L		03/13/13 08:50	03/14/13 16:59	1
Fluoranthene	<0.16	*	0.78	0.16	ug/L		03/13/13 08:50	03/14/13 16:59	1
Fluorene	<0.13		0.78	0.13	ug/L		03/13/13 08:50	03/14/13 16:59	1
Indeno[1,2,3-cd]pyrene	<0.060		0.16	0.060	ug/L		03/13/13 08:50	03/14/13 16:59	1
Naphthalene	<0.12	*	0.78	0.12	ug/L		03/13/13 08:50	03/14/13 16:59	1
Phenanthrene	<0.16		0.78	0.16	ug/L		03/13/13 08:50	03/14/13 16:59	1
Pyrene	<0.18	*	0.78	0.18	ug/L		03/13/13 08:50	03/14/13 16:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*86*		*48 - 110*	*03/13/13 08:50*	*03/14/13 16:59*	*1*
Nitrobenzene-d5 (Surr)	*91*		*41 - 110*	*03/13/13 08:50*	*03/14/13 16:59*	*1*
Terphenyl-d14 (Surr)	*95*		*44 - 132*	*03/13/13 08:50*	*03/14/13 16:59*	*1*

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek -117-2201289.02

TestAmerica Job ID: 500-55081-1

Client Sample ID: MW-105
Date Collected: 03/07/13 13:55
Date Received: 03/09/13 09:10

Lab Sample ID: 500-55081-6
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.25		1.0	0.25	ug/L			03/14/13 14:32	1
1,1,1-Trichloroethane	<0.20		1.0	0.20	ug/L			03/14/13 14:32	1
1,1,2,2-Tetrachloroethane	<0.23		1.0	0.23	ug/L			03/14/13 14:32	1
1,1,2-Trichloroethane	<0.28		1.0	0.28	ug/L			03/14/13 14:32	1
1,1-Dichloroethane	<0.19		1.0	0.19	ug/L			03/14/13 14:32	1
1,1-Dichloroethene	<0.31		1.0	0.31	ug/L			03/14/13 14:32	1
1,1-Dichloropropene	<0.34		1.0	0.34	ug/L			03/14/13 14:32	1
1,2,3-Trichlorobenzene	<0.24		1.0	0.24	ug/L			03/14/13 14:32	1
1,2,3-Trichloropropane	<0.45		1.0	0.45	ug/L			03/14/13 14:32	1
1,2,4-Trichlorobenzene	<0.31		1.0	0.31	ug/L			03/14/13 14:32	1
1,2,4-Trimethylbenzene	<0.14		1.0	0.14	ug/L			03/14/13 14:32	1
1,2-Dibromo-3-Chloropropane	<0.87		2.0	0.87	ug/L			03/14/13 14:32	1
1,2-Dibromoethane	<0.36		1.0	0.36	ug/L			03/14/13 14:32	1
1,2-Dichlorobenzene	<0.27		1.0	0.27	ug/L			03/14/13 14:32	1
1,2-Dichloroethane	<0.28		1.0	0.28	ug/L			03/14/13 14:32	1
1,2-Dichloropropane	<0.20		1.0	0.20	ug/L			03/14/13 14:32	1
1,3,5-Trimethylbenzene	<0.18		1.0	0.18	ug/L			03/14/13 14:32	1
1,3-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/14/13 14:32	1
1,3-Dichloropropane	<0.13		1.0	0.13	ug/L			03/14/13 14:32	1
1,4-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/14/13 14:32	1
2,2-Dichloropropane	<0.32		1.0	0.32	ug/L			03/14/13 14:32	1
2-Chlorotoluene	<0.21		1.0	0.21	ug/L			03/14/13 14:32	1
4-Chlorotoluene	<0.20		1.0	0.20	ug/L			03/14/13 14:32	1
Benzene	<0.074		0.50	0.074	ug/L			03/14/13 14:32	1
Bromobenzene	<0.25		1.0	0.25	ug/L			03/14/13 14:32	1
Bromochloromethane	<0.40		1.0	0.40	ug/L			03/14/13 14:32	1
Bromodichloromethane	<0.17		1.0	0.17	ug/L			03/14/13 14:32	1
Bromoform	<0.28		1.0	0.28	ug/L			03/14/13 14:32	1
Bromomethane	<0.31		1.0	0.31	ug/L			03/14/13 14:32	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/L			03/14/13 14:32	1
Chlorobenzene	<0.14		1.0	0.14	ug/L			03/14/13 14:32	1
Chloroethane	<0.34		1.0	0.34	ug/L			03/14/13 14:32	1
Chloroform	<0.20		1.0	0.20	ug/L			03/14/13 14:32	1
Chloromethane	<0.18		1.0	0.18	ug/L			03/14/13 14:32	1
cis-1,2-Dichloroethene	<0.12		1.0	0.12	ug/L			03/14/13 14:32	1
cis-1,3-Dichloropropene	<0.18		1.0	0.18	ug/L			03/14/13 14:32	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			03/14/13 14:32	1
Dibromomethane	<0.33		1.0	0.33	ug/L			03/14/13 14:32	1
Dichlorodifluoromethane	<0.20		1.0	0.20	ug/L			03/14/13 14:32	1
Ethylbenzene	<0.13		0.50	0.13	ug/L			03/14/13 14:32	1
Hexachlorobutadiene	<0.26		1.0	0.26	ug/L			03/14/13 14:32	1
Isopropyl ether	<0.15		1.0	0.15	ug/L			03/14/13 14:32	1
Isopropylbenzene	<0.14		1.0	0.14	ug/L			03/14/13 14:32	1
Methyl tert-butyl ether	<0.24		1.0	0.24	ug/L			03/14/13 14:32	1
Methylene Chloride	<0.68		5.0	0.68	ug/L			03/14/13 14:32	1
Naphthalene	**1.2**		1.0	0.16	ug/L			03/14/13 14:32	1
n-Butylbenzene	<0.13		1.0	0.13	ug/L			03/14/13 14:32	1
N-Propylbenzene	<0.13		1.0	0.13	ug/L			03/14/13 14:32	1
p-Isopropyltoluene	<0.17		1.0	0.17	ug/L			03/14/13 14:32	1

Client Sample ID: MW-105
Date Collected: 03/07/13 13:55
Date Received: 03/09/13 09:10

Lab Sample ID: 500-55081-6
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.15		1.0	0.15	ug/L			03/14/13 14:32	1
Styrene	<0.10		1.0	0.10	ug/L			03/14/13 14:32	1
tert-Butylbenzene	<0.14		1.0	0.14	ug/L			03/14/13 14:32	1
Tetrachloroethene	<0.17		1.0	0.17	ug/L			03/14/13 14:32	1
Toluene	<0.11		0.50	0.11	ug/L			03/14/13 14:32	1
trans-1,2-Dichloroethene	<0.25		1.0	0.25	ug/L			03/14/13 14:32	1
trans-1,3-Dichloropropene	<0.21		1.0	0.21	ug/L			03/14/13 14:32	1
Trichloroethene	<0.19		0.50	0.19	ug/L			03/14/13 14:32	1
Trichlorofluoromethane	<0.19		1.0	0.19	ug/L			03/14/13 14:32	1
Vinyl chloride	<0.10		0.50	0.10	ug/L			03/14/13 14:32	1
Xylenes, Total	<0.068		1.0	0.068	ug/L			03/14/13 14:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*75 - 125*		*03/14/13 14:32*	*1*
4-Bromofluorobenzene (Surr)	*90*		*75 - 120*		*03/14/13 14:32*	*1*
Dibromofluoromethane	*96*		*75 - 120*		*03/14/13 14:32*	*1*
Toluene-d8 (Surr)	*95*		*75 - 120*		*03/14/13 14:32*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.17		0.73	0.17	ug/L		03/13/13 08:50	03/14/13 17:23	1
2-Methylnaphthalene	<0.062	*	0.37	0.062	ug/L		03/13/13 08:50	03/14/13 17:23	1
Acenaphthene	<0.090	*	0.73	0.090	ug/L		03/13/13 08:50	03/14/13 17:23	1
Acenaphthylene	<0.099	*	0.73	0.099	ug/L		03/13/13 08:50	03/14/13 17:23	1
Anthracene	<0.14		0.73	0.14	ug/L		03/13/13 08:50	03/14/13 17:23	1
Benzo[a]anthracene	<0.048	*	0.15	0.048	ug/L		03/13/13 08:50	03/14/13 17:23	1
Benzo[a]pyrene	<0.056		0.15	0.056	ug/L		03/13/13 08:50	03/14/13 17:23	1
Benzo[b]fluoranthene	<0.060		0.15	0.060	ug/L		03/13/13 08:50	03/14/13 17:23	1
Benzo[g,h,i]perylene	<0.35		0.73	0.35	ug/L		03/13/13 08:50	03/14/13 17:23	1
Benzo[k]fluoranthene	<0.12	*	0.15	0.12	ug/L		03/13/13 08:50	03/14/13 17:23	1
Chrysene	<0.069	*	0.37	0.069	ug/L		03/13/13 08:50	03/14/13 17:23	1
Dibenz(a,h)anthracene	<0.083		0.22	0.083	ug/L		03/13/13 08:50	03/14/13 17:23	1
Fluoranthene	<0.15	*	0.73	0.15	ug/L		03/13/13 08:50	03/14/13 17:23	1
Fluorene	<0.12		0.73	0.12	ug/L		03/13/13 08:50	03/14/13 17:23	1
Indeno[1,2,3-cd]pyrene	<0.056		0.15	0.056	ug/L		03/13/13 08:50	03/14/13 17:23	1
Naphthalene	<0.11	*	0.73	0.11	ug/L		03/13/13 08:50	03/14/13 17:23	1
Phenanthrene	<0.16		0.73	0.16	ug/L		03/13/13 08:50	03/14/13 17:23	1
Pyrene	<0.17	*	0.73	0.17	ug/L		03/13/13 08:50	03/14/13 17:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*77*		*48 - 110*	*03/13/13 08:50*	*03/14/13 17:23*	*1*
Nitrobenzene-d5 (Surr)	*93*		*41 - 110*	*03/13/13 08:50*	*03/14/13 17:23*	*1*
Terphenyl-d14 (Surr)	*93*		*44 - 132*	*03/13/13 08:50*	*03/14/13 17:23*	*1*

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek -117-2201289.02

TestAmerica Job ID: 500-55081-1

Client Sample ID: MW-108
Date Collected: 03/07/13 14:35
Date Received: 03/09/13 09:10

Lab Sample ID: 500-55081-7
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.25		1.0	0.25	ug/L			03/14/13 14:56	1
1,1,1-Trichloroethane	<0.20		1.0	0.20	ug/L			03/14/13 14:56	1
1,1,2,2-Tetrachloroethane	<0.23		1.0	0.23	ug/L			03/14/13 14:56	1
1,1,2-Trichloroethane	<0.28		1.0	0.28	ug/L			03/14/13 14:56	1
1,1-Dichloroethane	<0.19		1.0	0.19	ug/L			03/14/13 14:56	1
1,1-Dichloroethene	<0.31		1.0	0.31	ug/L			03/14/13 14:56	1
1,1-Dichloropropene	<0.34		1.0	0.34	ug/L			03/14/13 14:56	1
1,2,3-Trichlorobenzene	<0.24		1.0	0.24	ug/L			03/14/13 14:56	1
1,2,3-Trichloropropane	<0.45		1.0	0.45	ug/L			03/14/13 14:56	1
1,2,4-Trichlorobenzene	<0.31		1.0	0.31	ug/L			03/14/13 14:56	1
1,2,4-Trimethylbenzene	<0.14		1.0	0.14	ug/L			03/14/13 14:56	1
1,2-Dibromo-3-Chloropropane	<0.87		2.0	0.87	ug/L			03/14/13 14:56	1
1,2-Dibromoethane	<0.36		1.0	0.36	ug/L			03/14/13 14:56	1
1,2-Dichlorobenzene	<0.27		1.0	0.27	ug/L			03/14/13 14:56	1
1,2-Dichloroethane	<0.28		1.0	0.28	ug/L			03/14/13 14:56	1
1,2-Dichloropropane	<0.20		1.0	0.20	ug/L			03/14/13 14:56	1
1,3,5-Trimethylbenzene	<0.18		1.0	0.18	ug/L			03/14/13 14:56	1
1,3-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/14/13 14:56	1
1,3-Dichloropropane	<0.13		1.0	0.13	ug/L			03/14/13 14:56	1
1,4-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/14/13 14:56	1
2,2-Dichloropropane	<0.32		1.0	0.32	ug/L			03/14/13 14:56	1
2-Chlorotoluene	<0.21		1.0	0.21	ug/L			03/14/13 14:56	1
4-Chlorotoluene	<0.20		1.0	0.20	ug/L			03/14/13 14:56	1
Benzene	<0.074		0.50	0.074	ug/L			03/14/13 14:56	1
Bromobenzene	<0.25		1.0	0.25	ug/L			03/14/13 14:56	1
Bromochloromethane	<0.40		1.0	0.40	ug/L			03/14/13 14:56	1
Bromodichloromethane	<0.17		1.0	0.17	ug/L			03/14/13 14:56	1
Bromoform	<0.28		1.0	0.28	ug/L			03/14/13 14:56	1
Bromomethane	<0.31		1.0	0.31	ug/L			03/14/13 14:56	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/L			03/14/13 14:56	1
Chlorobenzene	<0.14		1.0	0.14	ug/L			03/14/13 14:56	1
Chloroethane	<0.34		1.0	0.34	ug/L			03/14/13 14:56	1
Chloroform	<0.20		1.0	0.20	ug/L			03/14/13 14:56	1
Chloromethane	<0.18		1.0	0.18	ug/L			03/14/13 14:56	1
cis-1,2-Dichloroethene	<0.12		1.0	0.12	ug/L			03/14/13 14:56	1
cis-1,3-Dichloropropene	<0.18		1.0	0.18	ug/L			03/14/13 14:56	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			03/14/13 14:56	1
Dibromomethane	<0.33		1.0	0.33	ug/L			03/14/13 14:56	1
Dichlorodifluoromethane	<0.20		1.0	0.20	ug/L			03/14/13 14:56	1
Ethylbenzene	<0.13		0.50	0.13	ug/L			03/14/13 14:56	1
Hexachlorobutadiene	<0.26		1.0	0.26	ug/L			03/14/13 14:56	1
Isopropyl ether	<0.15		1.0	0.15	ug/L			03/14/13 14:56	1
Isopropylbenzene	<0.14		1.0	0.14	ug/L			03/14/13 14:56	1
Methyl tert-butyl ether	<0.24		1.0	0.24	ug/L			03/14/13 14:56	1
Methylene Chloride	<0.68		5.0	0.68	ug/L			03/14/13 14:56	1
Naphthalene	**1.1**		1.0	0.16	ug/L			03/14/13 14:56	1
n-Butylbenzene	<0.13		1.0	0.13	ug/L			03/14/13 14:56	1
N-Propylbenzene	<0.13		1.0	0.13	ug/L			03/14/13 14:56	1
p-Isopropyltoluene	<0.17		1.0	0.17	ug/L			03/14/13 14:56	1

Client Sample ID: MW-108
Date Collected: 03/07/13 14:35
Date Received: 03/09/13 09:10

Lab Sample ID: 500-55081-7
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.15		1.0	0.15	ug/L			03/14/13 14:56	1
Styrene	<0.10		1.0	0.10	ug/L			03/14/13 14:56	1
tert-Butylbenzene	<0.14		1.0	0.14	ug/L			03/14/13 14:56	1
Tetrachloroethene	<0.17		1.0	0.17	ug/L			03/14/13 14:56	1
Toluene	<0.11		0.50	0.11	ug/L			03/14/13 14:56	1
trans-1,2-Dichloroethene	<0.25		1.0	0.25	ug/L			03/14/13 14:56	1
trans-1,3-Dichloropropene	<0.21		1.0	0.21	ug/L			03/14/13 14:56	1
Trichloroethene	<0.19		0.50	0.19	ug/L			03/14/13 14:56	1
Trichlorofluoromethane	<0.19		1.0	0.19	ug/L			03/14/13 14:56	1
Vinyl chloride	<0.10		0.50	0.10	ug/L			03/14/13 14:56	1
Xylenes, Total	<0.068		1.0	0.068	ug/L			03/14/13 14:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*75 - 125*		*03/14/13 14:56*	*1*
4-Bromofluorobenzene (Surr)	*89*		*75 - 120*		*03/14/13 14:56*	*1*
Dibromofluoromethane	*95*		*75 - 120*		*03/14/13 14:56*	*1*
Toluene-d8 (Surr)	*95*		*75 - 120*		*03/14/13 14:56*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.18		0.74	0.18	ug/L		03/13/13 08:50	03/14/13 17:46	1
2-Methylnaphthalene	<0.063	*	0.37	0.063	ug/L		03/13/13 08:50	03/14/13 17:46	1
Acenaphthene	<0.091	*	0.74	0.091	ug/L		03/13/13 08:50	03/14/13 17:46	1
Acenaphthylene	<0.10	*	0.74	0.10	ug/L		03/13/13 08:50	03/14/13 17:46	1
Anthracene	<0.14		0.74	0.14	ug/L		03/13/13 08:50	03/14/13 17:46	1
Benzo[a]anthracene	**0.20**	*	0.15	0.048	ug/L		03/13/13 08:50	03/14/13 17:46	1
Benzo[a]pyrene	**0.18**		0.15	0.056	ug/L		03/13/13 08:50	03/14/13 17:46	1
Benzo[b]fluoranthene	**0.31**		0.15	0.061	ug/L		03/13/13 08:50	03/14/13 17:46	1
Benzo[g,h,i]perylene	<0.36		0.74	0.36	ug/L		03/13/13 08:50	03/14/13 17:46	1
Benzo[k]fluoranthene	<0.13	*	0.15	0.13	ug/L		03/13/13 08:50	03/14/13 17:46	1
Chrysene	**0.15**	J *	0.37	0.069	ug/L		03/13/13 08:50	03/14/13 17:46	1
Dibenz(a,h)anthracene	<0.084		0.22	0.084	ug/L		03/13/13 08:50	03/14/13 17:46	1
Fluoranthene	**0.25**	J *	0.74	0.15	ug/L		03/13/13 08:50	03/14/13 17:46	1
Fluorene	<0.12		0.74	0.12	ug/L		03/13/13 08:50	03/14/13 17:46	1
Indeno[1,2,3-cd]pyrene	**0.075**	J	0.15	0.057	ug/L		03/13/13 08:50	03/14/13 17:46	1
Naphthalene	<0.12	*	0.74	0.12	ug/L		03/13/13 08:50	03/14/13 17:46	1
Phenanthrene	<0.16		0.74	0.16	ug/L		03/13/13 08:50	03/14/13 17:46	1
Pyrene	<0.17	*	0.74	0.17	ug/L		03/13/13 08:50	03/14/13 17:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*83*		*48 - 110*	*03/13/13 08:50*	*03/14/13 17:46*	*1*
Nitrobenzene-d5 (Surr)	*88*		*41 - 110*	*03/13/13 08:50*	*03/14/13 17:46*	*1*
Terphenyl-d14 (Surr)	*92*		*44 - 132*	*03/13/13 08:50*	*03/14/13 17:46*	*1*

Client Sample ID: MW-116
Date Collected: 03/07/13 14:55
Date Received: 03/09/13 09:10

Lab Sample ID: 500-55081-8
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.25		1.0	0.25	ug/L			03/14/13 15:21	1
1,1,1-Trichloroethane	<0.20		1.0	0.20	ug/L			03/14/13 15:21	1
1,1,2,2-Tetrachloroethane	<0.23		1.0	0.23	ug/L			03/14/13 15:21	1
1,1,2-Trichloroethane	<0.28		1.0	0.28	ug/L			03/14/13 15:21	1
1,1-Dichloroethane	<0.19		1.0	0.19	ug/L			03/14/13 15:21	1
1,1-Dichloroethene	<0.31		1.0	0.31	ug/L			03/14/13 15:21	1
1,1-Dichloropropene	<0.34		1.0	0.34	ug/L			03/14/13 15:21	1
1,2,3-Trichlorobenzene	<0.24		1.0	0.24	ug/L			03/14/13 15:21	1
1,2,3-Trichloropropane	<0.45		1.0	0.45	ug/L			03/14/13 15:21	1
1,2,4-Trichlorobenzene	<0.31		1.0	0.31	ug/L			03/14/13 15:21	1
1,2,4-Trimethylbenzene	<0.14		1.0	0.14	ug/L			03/14/13 15:21	1
1,2-Dibromo-3-Chloropropane	<0.87		2.0	0.87	ug/L			03/14/13 15:21	1
1,2-Dibromoethane	<0.36		1.0	0.36	ug/L			03/14/13 15:21	1
1,2-Dichlorobenzene	<0.27		1.0	0.27	ug/L			03/14/13 15:21	1
1,2-Dichloroethane	<0.28		1.0	0.28	ug/L			03/14/13 15:21	1
1,2-Dichloropropane	<0.20		1.0	0.20	ug/L			03/14/13 15:21	1
1,3,5-Trimethylbenzene	<0.18		1.0	0.18	ug/L			03/14/13 15:21	1
1,3-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/14/13 15:21	1
1,3-Dichloropropane	<0.13		1.0	0.13	ug/L			03/14/13 15:21	1
1,4-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/14/13 15:21	1
2,2-Dichloropropane	<0.32		1.0	0.32	ug/L			03/14/13 15:21	1
2-Chlorotoluene	<0.21		1.0	0.21	ug/L			03/14/13 15:21	1
4-Chlorotoluene	<0.20		1.0	0.20	ug/L			03/14/13 15:21	1
Benzene	<0.074		0.50	0.074	ug/L			03/14/13 15:21	1
Bromobenzene	<0.25		1.0	0.25	ug/L			03/14/13 15:21	1
Bromochloromethane	<0.40		1.0	0.40	ug/L			03/14/13 15:21	1
Bromodichloromethane	<0.17		1.0	0.17	ug/L			03/14/13 15:21	1
Bromoform	<0.28		1.0	0.28	ug/L			03/14/13 15:21	1
Bromomethane	<0.31		1.0	0.31	ug/L			03/14/13 15:21	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/L			03/14/13 15:21	1
Chlorobenzene	<0.14		1.0	0.14	ug/L			03/14/13 15:21	1
Chloroethane	<0.34		1.0	0.34	ug/L			03/14/13 15:21	1
Chloroform	<0.20		1.0	0.20	ug/L			03/14/13 15:21	1
Chloromethane	<0.18		1.0	0.18	ug/L			03/14/13 15:21	1
cis-1,2-Dichloroethene	<0.12		1.0	0.12	ug/L			03/14/13 15:21	1
cis-1,3-Dichloropropene	<0.18		1.0	0.18	ug/L			03/14/13 15:21	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			03/14/13 15:21	1
Dibromomethane	<0.33		1.0	0.33	ug/L			03/14/13 15:21	1
Dichlorodifluoromethane	<0.20		1.0	0.20	ug/L			03/14/13 15:21	1
Ethylbenzene	<0.13		0.50	0.13	ug/L			03/14/13 15:21	1
Hexachlorobutadiene	<0.26		1.0	0.26	ug/L			03/14/13 15:21	1
Isopropyl ether	<0.15		1.0	0.15	ug/L			03/14/13 15:21	1
Isopropylbenzene	<0.14		1.0	0.14	ug/L			03/14/13 15:21	1
Methyl tert-butyl ether	<0.24		1.0	0.24	ug/L			03/14/13 15:21	1
Methylene Chloride	<0.68		5.0	0.68	ug/L			03/14/13 15:21	1
Naphthalene	**2.5**		1.0	0.16	ug/L			03/14/13 15:21	1
n-Butylbenzene	<0.13		1.0	0.13	ug/L			03/14/13 15:21	1
N-Propylbenzene	<0.13		1.0	0.13	ug/L			03/14/13 15:21	1
p-Isopropyltoluene	<0.17		1.0	0.17	ug/L			03/14/13 15:21	1

Client Sample ID: MW-116
Date Collected: 03/07/13 14:55
Date Received: 03/09/13 09:10

Lab Sample ID: 500-55081-8
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.15		1.0	0.15	ug/L			03/14/13 15:21	1
Styrene	<0.10		1.0	0.10	ug/L			03/14/13 15:21	1
tert-Butylbenzene	<0.14		1.0	0.14	ug/L			03/14/13 15:21	1
Tetrachloroethene	<0.17		1.0	0.17	ug/L			03/14/13 15:21	1
Toluene	<0.11		0.50	0.11	ug/L			03/14/13 15:21	1
trans-1,2-Dichloroethene	<0.25		1.0	0.25	ug/L			03/14/13 15:21	1
trans-1,3-Dichloropropene	<0.21		1.0	0.21	ug/L			03/14/13 15:21	1
Trichloroethene	<0.19		0.50	0.19	ug/L			03/14/13 15:21	1
Trichlorofluoromethane	<0.19		1.0	0.19	ug/L			03/14/13 15:21	1
Vinyl chloride	<0.10		0.50	0.10	ug/L			03/14/13 15:21	1
Xylenes, Total	<0.068		1.0	0.068	ug/L			03/14/13 15:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*75 - 125*		*03/14/13 15:21*	*1*
4-Bromofluorobenzene (Surr)	*91*		*75 - 120*		*03/14/13 15:21*	*1*
Dibromofluoromethane	*99*		*75 - 120*		*03/14/13 15:21*	*1*
Toluene-d8 (Surr)	*97*		*75 - 120*		*03/14/13 15:21*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.17		0.73	0.17	ug/L		03/13/13 08:50	03/14/13 18:10	1
2-Methylnaphthalene	<0.061	*	0.36	0.061	ug/L		03/13/13 08:50	03/14/13 18:10	1
Acenaphthene	<0.090	*	0.73	0.090	ug/L		03/13/13 08:50	03/14/13 18:10	1
Acenaphthylene	<0.098	*	0.73	0.098	ug/L		03/13/13 08:50	03/14/13 18:10	1
Anthracene	<0.13		0.73	0.13	ug/L		03/13/13 08:50	03/14/13 18:10	1
Benzo[a]anthracene	<0.048	*	0.15	0.048	ug/L		03/13/13 08:50	03/14/13 18:10	1
Benzo[a]pyrene	<0.055		0.15	0.055	ug/L		03/13/13 08:50	03/14/13 18:10	1
Benzo[b]fluoranthene	<0.059		0.15	0.059	ug/L		03/13/13 08:50	03/14/13 18:10	1
Benzo[g,h,i]perylene	<0.35		0.73	0.35	ug/L		03/13/13 08:50	03/14/13 18:10	1
Benzo[k]fluoranthene	<0.12	*	0.15	0.12	ug/L		03/13/13 08:50	03/14/13 18:10	1
Chrysene	<0.068	*	0.36	0.068	ug/L		03/13/13 08:50	03/14/13 18:10	1
Dibenz(a,h)anthracene	<0.083		0.22	0.083	ug/L		03/13/13 08:50	03/14/13 18:10	1
Fluoranthene	**0.20**	**J ***	0.73	0.15	ug/L		03/13/13 08:50	03/14/13 18:10	1
Fluorene	<0.12		0.73	0.12	ug/L		03/13/13 08:50	03/14/13 18:10	1
Indeno[1,2,3-cd]pyrene	<0.056		0.15	0.056	ug/L		03/13/13 08:50	03/14/13 18:10	1
Naphthalene	**1.3**	**	0.73	0.11	ug/L		03/13/13 08:50	03/14/13 18:10	1
Phenanthrene	<0.15		0.73	0.15	ug/L		03/13/13 08:50	03/14/13 18:10	1
Pyrene	<0.17	*	0.73	0.17	ug/L		03/13/13 08:50	03/14/13 18:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*77*		*48 - 110*	*03/13/13 08:50*	*03/14/13 18:10*	*1*
Nitrobenzene-d5 (Surr)	*94*		*41 - 110*	*03/13/13 08:50*	*03/14/13 18:10*	*1*
Terphenyl-d14 (Surr)	*94*		*44 - 132*	*03/13/13 08:50*	*03/14/13 18:10*	*1*

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek -117-2201289.02

TestAmerica Job ID: 500-55081-1

Client Sample ID: P-121
Date Collected: 03/08/13 09:25
Date Received: 03/09/13 09:10

Lab Sample ID: 500-55081-9
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.25		1.0	0.25	ug/L			03/14/13 15:45	1
1,1,1-Trichloroethane	<0.20		1.0	0.20	ug/L			03/14/13 15:45	1
1,1,2,2-Tetrachloroethane	<0.23		1.0	0.23	ug/L			03/14/13 15:45	1
1,1,2-Trichloroethane	<0.28		1.0	0.28	ug/L			03/14/13 15:45	1
1,1-Dichloroethane	<0.19		1.0	0.19	ug/L			03/14/13 15:45	1
1,1-Dichloroethene	<0.31		1.0	0.31	ug/L			03/14/13 15:45	1
1,1-Dichloropropene	<0.34		1.0	0.34	ug/L			03/14/13 15:45	1
1,2,3-Trichlorobenzene	<0.24		1.0	0.24	ug/L			03/14/13 15:45	1
1,2,3-Trichloropropane	<0.45		1.0	0.45	ug/L			03/14/13 15:45	1
1,2,4-Trichlorobenzene	<0.31		1.0	0.31	ug/L			03/14/13 15:45	1
1,2,4-Trimethylbenzene	**0.70**	**J**	1.0	0.14	ug/L			03/14/13 15:45	1
1,2-Dibromo-3-Chloropropane	<0.87		2.0	0.87	ug/L			03/14/13 15:45	1
1,2-Dibromoethane	<0.36		1.0	0.36	ug/L			03/14/13 15:45	1
1,2-Dichlorobenzene	<0.27		1.0	0.27	ug/L			03/14/13 15:45	1
1,2-Dichloroethane	<0.28		1.0	0.28	ug/L			03/14/13 15:45	1
1,2-Dichloropropane	<0.20		1.0	0.20	ug/L			03/14/13 15:45	1
1,3,5-Trimethylbenzene	**0.76**	**J**	1.0	0.18	ug/L			03/14/13 15:45	1
1,3-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/14/13 15:45	1
1,3-Dichloropropane	<0.13		1.0	0.13	ug/L			03/14/13 15:45	1
1,4-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/14/13 15:45	1
2,2-Dichloropropane	<0.32		1.0	0.32	ug/L			03/14/13 15:45	1
2-Chlorotoluene	<0.21		1.0	0.21	ug/L			03/14/13 15:45	1
4-Chlorotoluene	<0.20		1.0	0.20	ug/L			03/14/13 15:45	1
Benzene	**1.9**		0.50	0.074	ug/L			03/14/13 15:45	1
Bromobenzene	<0.25		1.0	0.25	ug/L			03/14/13 15:45	1
Bromochloromethane	<0.40		1.0	0.40	ug/L			03/14/13 15:45	1
Bromodichloromethane	<0.17		1.0	0.17	ug/L			03/14/13 15:45	1
Bromoform	<0.28		1.0	0.28	ug/L			03/14/13 15:45	1
Bromomethane	<0.31		1.0	0.31	ug/L			03/14/13 15:45	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/L			03/14/13 15:45	1
Chlorobenzene	<0.14		1.0	0.14	ug/L			03/14/13 15:45	1
Chloroethane	<0.34		1.0	0.34	ug/L			03/14/13 15:45	1
Chloroform	<0.20		1.0	0.20	ug/L			03/14/13 15:45	1
Chloromethane	<0.18		1.0	0.18	ug/L			03/14/13 15:45	1
cis-1,2-Dichloroethene	<0.12		1.0	0.12	ug/L			03/14/13 15:45	1
cis-1,3-Dichloropropene	<0.18		1.0	0.18	ug/L			03/14/13 15:45	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			03/14/13 15:45	1
Dibromomethane	<0.33		1.0	0.33	ug/L			03/14/13 15:45	1
Dichlorodifluoromethane	<0.20		1.0	0.20	ug/L			03/14/13 15:45	1
Ethylbenzene	**1.1**		0.50	0.13	ug/L			03/14/13 15:45	1
Hexachlorobutadiene	<0.26		1.0	0.26	ug/L			03/14/13 15:45	1
Isopropyl ether	<0.15		1.0	0.15	ug/L			03/14/13 15:45	1
Isopropylbenzene	<0.14		1.0	0.14	ug/L			03/14/13 15:45	1
Methyl tert-butyl ether	<0.24		1.0	0.24	ug/L			03/14/13 15:45	1
Methylene Chloride	<0.68		5.0	0.68	ug/L			03/14/13 15:45	1
Naphthalene	**25**		1.0	0.16	ug/L			03/14/13 15:45	1
n-Butylbenzene	<0.13		1.0	0.13	ug/L			03/14/13 15:45	1
N-Propylbenzene	<0.13		1.0	0.13	ug/L			03/14/13 15:45	1
p-Isopropyltoluene	<0.17		1.0	0.17	ug/L			03/14/13 15:45	1

Client Sample ID: P-121
Date Collected: 03/08/13 09:25
Date Received: 03/09/13 09:10

Lab Sample ID: 500-55081-9
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.15		1.0	0.15	ug/L			03/14/13 15:45	1
Styrene	<0.10		1.0	0.10	ug/L			03/14/13 15:45	1
tert-Butylbenzene	<0.14		1.0	0.14	ug/L			03/14/13 15:45	1
Tetrachloroethene	<0.17		1.0	0.17	ug/L			03/14/13 15:45	1
Toluene	**2.7**		0.50	0.11	ug/L			03/14/13 15:45	1
trans-1,2-Dichloroethene	<0.25		1.0	0.25	ug/L			03/14/13 15:45	1
trans-1,3-Dichloropropene	<0.21		1.0	0.21	ug/L			03/14/13 15:45	1
Trichloroethene	<0.19		0.50	0.19	ug/L			03/14/13 15:45	1
Trichlorofluoromethane	<0.19		1.0	0.19	ug/L			03/14/13 15:45	1
Vinyl chloride	<0.10		0.50	0.10	ug/L			03/14/13 15:45	1
Xylenes, Total	**5.3**		1.0	0.068	ug/L			03/14/13 15:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*75 - 125*		*03/14/13 15:45*	*1*
4-Bromofluorobenzene (Surr)	*90*		*75 - 120*		*03/14/13 15:45*	*1*
Dibromofluoromethane	*99*		*75 - 120*		*03/14/13 15:45*	*1*
Toluene-d8 (Surr)	*96*		*75 - 120*		*03/14/13 15:45*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**0.98**		0.73	0.17	ug/L		03/13/13 08:50	03/14/13 18:34	1
2-Methylnaphthalene	**1.2**	*	0.36	0.061	ug/L		03/13/13 08:50	03/14/13 18:34	1
Acenaphthene	**0.93**	*	0.73	0.089	ug/L		03/13/13 08:50	03/14/13 18:34	1
Acenaphthylene	**0.11**	J *	0.73	0.098	ug/L		03/13/13 08:50	03/14/13 18:34	1
Anthracene	**0.37**	J	0.73	0.13	ug/L		03/13/13 08:50	03/14/13 18:34	1
Benzo[a]anthracene	**0.31**	*	0.15	0.047	ug/L		03/13/13 08:50	03/14/13 18:34	1
Benzo[a]pyrene	**0.27**		0.15	0.055	ug/L		03/13/13 08:50	03/14/13 18:34	1
Benzo[b]fluoranthene	**0.40**		0.15	0.059	ug/L		03/13/13 08:50	03/14/13 18:34	1
Benzo[g,h,i]perylene	<0.35		0.73	0.35	ug/L		03/13/13 08:50	03/14/13 18:34	1
Benzo[k]fluoranthene	**0.12**	J *	0.15	0.12	ug/L		03/13/13 08:50	03/14/13 18:34	1
Chrysene	**0.30**	J *	0.36	0.068	ug/L		03/13/13 08:50	03/14/13 18:34	1
Dibenz(a,h)anthracene	<0.082		0.22	0.082	ug/L		03/13/13 08:50	03/14/13 18:34	1
Fluoranthene	**0.96**	*	0.73	0.15	ug/L		03/13/13 08:50	03/14/13 18:34	1
Fluorene	**0.80**		0.73	0.12	ug/L		03/13/13 08:50	03/14/13 18:34	1
Indeno[1,2,3-cd]pyrene	**0.11**	J	0.15	0.056	ug/L		03/13/13 08:50	03/14/13 18:34	1
Naphthalene	**15**	*	0.73	0.11	ug/L		03/13/13 08:50	03/14/13 18:34	1
Phenanthrene	**1.3**		0.73	0.15	ug/L		03/13/13 08:50	03/14/13 18:34	1
Pyrene	**0.69**	J *	0.73	0.17	ug/L		03/13/13 08:50	03/14/13 18:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*71*		*48 - 110*	*03/13/13 08:50*	*03/14/13 18:34*	*1*
Nitrobenzene-d5 (Surr)	*88*		*41 - 110*	*03/13/13 08:50*	*03/14/13 18:34*	*1*
Terphenyl-d14 (Surr)	*89*		*44 - 132*	*03/13/13 08:50*	*03/14/13 18:34*	*1*

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek -117-2201289.02

TestAmerica Job ID: 500-55081-1

Client Sample ID: MW-115
Date Collected: 03/08/13 11:00
Date Received: 03/09/13 09:10

Lab Sample ID: 500-55081-10
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.25		1.0	0.25	ug/L			03/14/13 16:10	1
1,1,1-Trichloroethane	<0.20		1.0	0.20	ug/L			03/14/13 16:10	1
1,1,2,2-Tetrachloroethane	<0.23		1.0	0.23	ug/L			03/14/13 16:10	1
1,1,2-Trichloroethane	<0.28		1.0	0.28	ug/L			03/14/13 16:10	1
1,1-Dichloroethane	<0.19		1.0	0.19	ug/L			03/14/13 16:10	1
1,1-Dichloroethene	<0.31		1.0	0.31	ug/L			03/14/13 16:10	1
1,1-Dichloropropene	<0.34		1.0	0.34	ug/L			03/14/13 16:10	1
1,2,3-Trichlorobenzene	<0.24		1.0	0.24	ug/L			03/14/13 16:10	1
1,2,3-Trichloropropane	<0.45		1.0	0.45	ug/L			03/14/13 16:10	1
1,2,4-Trichlorobenzene	<0.31		1.0	0.31	ug/L			03/14/13 16:10	1
1,2,4-Trimethylbenzene	<0.14		1.0	0.14	ug/L			03/14/13 16:10	1
1,2-Dibromo-3-Chloropropane	<0.87		2.0	0.87	ug/L			03/14/13 16:10	1
1,2-Dibromoethane	<0.36		1.0	0.36	ug/L			03/14/13 16:10	1
1,2-Dichlorobenzene	<0.27		1.0	0.27	ug/L			03/14/13 16:10	1
1,2-Dichloroethane	<0.28		1.0	0.28	ug/L			03/14/13 16:10	1
1,2-Dichloropropane	<0.20		1.0	0.20	ug/L			03/14/13 16:10	1
1,3,5-Trimethylbenzene	<0.18		1.0	0.18	ug/L			03/14/13 16:10	1
1,3-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/14/13 16:10	1
1,3-Dichloropropane	<0.13		1.0	0.13	ug/L			03/14/13 16:10	1
1,4-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/14/13 16:10	1
2,2-Dichloropropane	<0.32		1.0	0.32	ug/L			03/14/13 16:10	1
2-Chlorotoluene	<0.21		1.0	0.21	ug/L			03/14/13 16:10	1
4-Chlorotoluene	<0.20		1.0	0.20	ug/L			03/14/13 16:10	1
Benzene	<0.074		0.50	0.074	ug/L			03/14/13 16:10	1
Bromobenzene	<0.25		1.0	0.25	ug/L			03/14/13 16:10	1
Bromochloromethane	<0.40		1.0	0.40	ug/L			03/14/13 16:10	1
Bromodichloromethane	<0.17		1.0	0.17	ug/L			03/14/13 16:10	1
Bromoform	<0.28		1.0	0.28	ug/L			03/14/13 16:10	1
Bromomethane	<0.31		1.0	0.31	ug/L			03/14/13 16:10	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/L			03/14/13 16:10	1
Chlorobenzene	<0.14		1.0	0.14	ug/L			03/14/13 16:10	1
Chloroethane	<0.34		1.0	0.34	ug/L			03/14/13 16:10	1
Chloroform	<0.20		1.0	0.20	ug/L			03/14/13 16:10	1
Chloromethane	<0.18		1.0	0.18	ug/L			03/14/13 16:10	1
cis-1,2-Dichloroethene	<0.12		1.0	0.12	ug/L			03/14/13 16:10	1
cis-1,3-Dichloropropene	<0.18		1.0	0.18	ug/L			03/14/13 16:10	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			03/14/13 16:10	1
Dibromomethane	<0.33		1.0	0.33	ug/L			03/14/13 16:10	1
Dichlorodifluoromethane	<0.20		1.0	0.20	ug/L			03/14/13 16:10	1
Ethylbenzene	<0.13		0.50	0.13	ug/L			03/14/13 16:10	1
Hexachlorobutadiene	<0.26		1.0	0.26	ug/L			03/14/13 16:10	1
Isopropyl ether	<0.15		1.0	0.15	ug/L			03/14/13 16:10	1
Isopropylbenzene	<0.14		1.0	0.14	ug/L			03/14/13 16:10	1
Methyl tert-butyl ether	<0.24		1.0	0.24	ug/L			03/14/13 16:10	1
Methylene Chloride	<0.68		5.0	0.68	ug/L			03/14/13 16:10	1
Naphthalene	<0.16		1.0	0.16	ug/L			03/14/13 16:10	1
n-Butylbenzene	<0.13		1.0	0.13	ug/L			03/14/13 16:10	1
N-Propylbenzene	<0.13		1.0	0.13	ug/L			03/14/13 16:10	1
p-Isopropyltoluene	<0.17		1.0	0.17	ug/L			03/14/13 16:10	1

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek -117-2201289.02

TestAmerica Job ID: 500-55081-1

Client Sample ID: MW-115
Date Collected: 03/08/13 11:00
Date Received: 03/09/13 09:10

Lab Sample ID: 500-55081-10
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.15		1.0	0.15	ug/L			03/14/13 16:10	1
Styrene	<0.10		1.0	0.10	ug/L			03/14/13 16:10	1
tert-Butylbenzene	<0.14		1.0	0.14	ug/L			03/14/13 16:10	1
Tetrachloroethene	<0.17		1.0	0.17	ug/L			03/14/13 16:10	1
Toluene	<0.11		0.50	0.11	ug/L			03/14/13 16:10	1
trans-1,2-Dichloroethene	<0.25		1.0	0.25	ug/L			03/14/13 16:10	1
trans-1,3-Dichloropropene	<0.21		1.0	0.21	ug/L			03/14/13 16:10	1
Trichloroethene	<0.19		0.50	0.19	ug/L			03/14/13 16:10	1
Trichlorofluoromethane	<0.19		1.0	0.19	ug/L			03/14/13 16:10	1
Vinyl chloride	<0.10		0.50	0.10	ug/L			03/14/13 16:10	1
Xylenes, Total	<0.068		1.0	0.068	ug/L			03/14/13 16:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*75 - 125*		*03/14/13 16:10*	*1*
4-Bromofluorobenzene (Surr)	*87*		*75 - 120*		*03/14/13 16:10*	*1*
Dibromofluoromethane	*97*		*75 - 120*		*03/14/13 16:10*	*1*
Toluene-d8 (Surr)	*95*		*75 - 120*		*03/14/13 16:10*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.17		0.73	0.17	ug/L		03/13/13 08:50	03/14/13 18:58	1
2-Methylnaphthalene	<0.061	*	0.36	0.061	ug/L		03/13/13 08:50	03/14/13 18:58	1
Acenaphthene	<0.090	*	0.73	0.090	ug/L		03/13/13 08:50	03/14/13 18:58	1
Acenaphthylene	<0.098	*	0.73	0.098	ug/L		03/13/13 08:50	03/14/13 18:58	1
Anthracene	<0.13		0.73	0.13	ug/L		03/13/13 08:50	03/14/13 18:58	1
Benzo[a]anthracene	**0.080**	**J ***	0.15	0.047	ug/L		03/13/13 08:50	03/14/13 18:58	1
Benzo[a]pyrene	<0.055		0.15	0.055	ug/L		03/13/13 08:50	03/14/13 18:58	1
Benzo[b]fluoranthene	<0.059		0.15	0.059	ug/L		03/13/13 08:50	03/14/13 18:58	1
Benzo[g,h,i]perylene	<0.35		0.73	0.35	ug/L		03/13/13 08:50	03/14/13 18:58	1
Benzo[k]fluoranthene	<0.12	*	0.15	0.12	ug/L		03/13/13 08:50	03/14/13 18:58	1
Chrysene	**0.17**	**J ***	0.36	0.068	ug/L		03/13/13 08:50	03/14/13 18:58	1
Dibenz(a,h)anthracene	<0.082		0.22	0.082	ug/L		03/13/13 08:50	03/14/13 18:58	1
Fluoranthene	<0.15	*	0.73	0.15	ug/L		03/13/13 08:50	03/14/13 18:58	1
Fluorene	<0.12		0.73	0.12	ug/L		03/13/13 08:50	03/14/13 18:58	1
Indeno[1,2,3-cd]pyrene	<0.056		0.15	0.056	ug/L		03/13/13 08:50	03/14/13 18:58	1
Naphthalene	<0.11	*	0.73	0.11	ug/L		03/13/13 08:50	03/14/13 18:58	1
Phenanthrene	<0.15		0.73	0.15	ug/L		03/13/13 08:50	03/14/13 18:58	1
Pyrene	<0.17	*	0.73	0.17	ug/L		03/13/13 08:50	03/14/13 18:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*79*		*48 - 110*	*03/13/13 08:50*	*03/14/13 18:58*	*1*
Nitrobenzene-d5 (Surr)	*95*		*41 - 110*	*03/13/13 08:50*	*03/14/13 18:58*	*1*
Terphenyl-d14 (Surr)	*92*		*44 - 132*	*03/13/13 08:50*	*03/14/13 18:58*	*1*

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek -117-2201289.02

TestAmerica Job ID: 500-55081-1

Client Sample ID: P-113
Date Collected: 03/08/13 13:40
Date Received: 03/09/13 09:10

Lab Sample ID: 500-55081-11
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.25		1.0	0.25	ug/L			03/14/13 16:34	1
1,1,1-Trichloroethane	<0.20		1.0	0.20	ug/L			03/14/13 16:34	1
1,1,2,2-Tetrachloroethane	<0.23		1.0	0.23	ug/L			03/14/13 16:34	1
1,1,2-Trichloroethane	<0.28		1.0	0.28	ug/L			03/14/13 16:34	1
1,1-Dichloroethane	<0.19		1.0	0.19	ug/L			03/14/13 16:34	1
1,1-Dichloroethene	<0.31		1.0	0.31	ug/L			03/14/13 16:34	1
1,1-Dichloropropene	<0.34		1.0	0.34	ug/L			03/14/13 16:34	1
1,2,3-Trichlorobenzene	<0.24		1.0	0.24	ug/L			03/14/13 16:34	1
1,2,3-Trichloropropane	<0.45		1.0	0.45	ug/L			03/14/13 16:34	1
1,2,4-Trichlorobenzene	<0.31		1.0	0.31	ug/L			03/14/13 16:34	1
1,2,4-Trimethylbenzene	<0.14		1.0	0.14	ug/L			03/14/13 16:34	1
1,2-Dibromo-3-Chloropropane	<0.87		2.0	0.87	ug/L			03/14/13 16:34	1
1,2-Dibromoethane	<0.36		1.0	0.36	ug/L			03/14/13 16:34	1
1,2-Dichlorobenzene	<0.27		1.0	0.27	ug/L			03/14/13 16:34	1
1,2-Dichloroethane	<0.28		1.0	0.28	ug/L			03/14/13 16:34	1
1,2-Dichloropropane	<0.20		1.0	0.20	ug/L			03/14/13 16:34	1
1,3,5-Trimethylbenzene	<0.18		1.0	0.18	ug/L			03/14/13 16:34	1
1,3-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/14/13 16:34	1
1,3-Dichloropropane	<0.13		1.0	0.13	ug/L			03/14/13 16:34	1
1,4-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/14/13 16:34	1
2,2-Dichloropropane	<0.32		1.0	0.32	ug/L			03/14/13 16:34	1
2-Chlorotoluene	<0.21		1.0	0.21	ug/L			03/14/13 16:34	1
4-Chlorotoluene	<0.20		1.0	0.20	ug/L			03/14/13 16:34	1
Benzene	<0.074		0.50	0.074	ug/L			03/14/13 16:34	1
Bromobenzene	<0.25		1.0	0.25	ug/L			03/14/13 16:34	1
Bromochloromethane	<0.40		1.0	0.40	ug/L			03/14/13 16:34	1
Bromodichloromethane	<0.17		1.0	0.17	ug/L			03/14/13 16:34	1
Bromoform	<0.28		1.0	0.28	ug/L			03/14/13 16:34	1
Bromomethane	<0.31		1.0	0.31	ug/L			03/14/13 16:34	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/L			03/14/13 16:34	1
Chlorobenzene	<0.14		1.0	0.14	ug/L			03/14/13 16:34	1
Chloroethane	<0.34		1.0	0.34	ug/L			03/14/13 16:34	1
Chloroform	<0.20		1.0	0.20	ug/L			03/14/13 16:34	1
Chloromethane	<0.18		1.0	0.18	ug/L			03/14/13 16:34	1
cis-1,2-Dichloroethene	<0.12		1.0	0.12	ug/L			03/14/13 16:34	1
cis-1,3-Dichloropropene	<0.18		1.0	0.18	ug/L			03/14/13 16:34	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			03/14/13 16:34	1
Dibromomethane	<0.33		1.0	0.33	ug/L			03/14/13 16:34	1
Dichlorodifluoromethane	<0.20		1.0	0.20	ug/L			03/14/13 16:34	1
Ethylbenzene	<0.13		0.50	0.13	ug/L			03/14/13 16:34	1
Hexachlorobutadiene	<0.26		1.0	0.26	ug/L			03/14/13 16:34	1
Isopropyl ether	<0.15		1.0	0.15	ug/L			03/14/13 16:34	1
Isopropylbenzene	<0.14		1.0	0.14	ug/L			03/14/13 16:34	1
Methyl tert-butyl ether	<0.24		1.0	0.24	ug/L			03/14/13 16:34	1
Methylene Chloride	<0.68		5.0	0.68	ug/L			03/14/13 16:34	1
Naphthalene	<0.16		1.0	0.16	ug/L			03/14/13 16:34	1
n-Butylbenzene	<0.13		1.0	0.13	ug/L			03/14/13 16:34	1
N-Propylbenzene	<0.13		1.0	0.13	ug/L			03/14/13 16:34	1
p-Isopropyltoluene	<0.17		1.0	0.17	ug/L			03/14/13 16:34	1

Client Sample ID: P-113
Date Collected: 03/08/13 13:40
Date Received: 03/09/13 09:10

Lab Sample ID: 500-55081-11
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.15		1.0	0.15	ug/L			03/14/13 16:34	1
Styrene	<0.10		1.0	0.10	ug/L			03/14/13 16:34	1
tert-Butylbenzene	<0.14		1.0	0.14	ug/L			03/14/13 16:34	1
Tetrachloroethene	<0.17		1.0	0.17	ug/L			03/14/13 16:34	1
Toluene	<0.11		0.50	0.11	ug/L			03/14/13 16:34	1
trans-1,2-Dichloroethene	<0.25		1.0	0.25	ug/L			03/14/13 16:34	1
trans-1,3-Dichloropropene	<0.21		1.0	0.21	ug/L			03/14/13 16:34	1
Trichloroethene	<0.19		0.50	0.19	ug/L			03/14/13 16:34	1
Trichlorofluoromethane	<0.19		1.0	0.19	ug/L			03/14/13 16:34	1
Vinyl chloride	<0.10		0.50	0.10	ug/L			03/14/13 16:34	1
Xylenes, Total	<0.068		1.0	0.068	ug/L			03/14/13 16:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*75 - 125*		*03/14/13 16:34*	*1*
4-Bromofluorobenzene (Surr)	*93*		*75 - 120*		*03/14/13 16:34*	*1*
Dibromofluoromethane	*102*		*75 - 120*		*03/14/13 16:34*	*1*
Toluene-d8 (Surr)	*98*		*75 - 120*		*03/14/13 16:34*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.17		0.73	0.17	ug/L		03/13/13 08:50	03/14/13 19:22	1
2-Methylnaphthalene	<0.062	*	0.37	0.062	ug/L		03/13/13 08:50	03/14/13 19:22	1
Acenaphthene	<0.090	*	0.73	0.090	ug/L		03/13/13 08:50	03/14/13 19:22	1
Acenaphthylene	<0.099	*	0.73	0.099	ug/L		03/13/13 08:50	03/14/13 19:22	1
Anthracene	<0.14		0.73	0.14	ug/L		03/13/13 08:50	03/14/13 19:22	1
Benzo[a]anthracene	<0.048	*	0.15	0.048	ug/L		03/13/13 08:50	03/14/13 19:22	1
Benzo[a]pyrene	<0.055		0.15	0.055	ug/L		03/13/13 08:50	03/14/13 19:22	1
Benzo[b]fluoranthene	<0.060		0.15	0.060	ug/L		03/13/13 08:50	03/14/13 19:22	1
Benzo[g,h,i]perylene	<0.35		0.73	0.35	ug/L		03/13/13 08:50	03/14/13 19:22	1
Benzo[k]fluoranthene	<0.12	*	0.15	0.12	ug/L		03/13/13 08:50	03/14/13 19:22	1
Chrysene	<0.068	*	0.37	0.068	ug/L		03/13/13 08:50	03/14/13 19:22	1
Dibenz(a,h)anthracene	<0.083		0.22	0.083	ug/L		03/13/13 08:50	03/14/13 19:22	1
Fluoranthene	<0.15	*	0.73	0.15	ug/L		03/13/13 08:50	03/14/13 19:22	1
Fluorene	<0.12		0.73	0.12	ug/L		03/13/13 08:50	03/14/13 19:22	1
Indeno[1,2,3-cd]pyrene	<0.056		0.15	0.056	ug/L		03/13/13 08:50	03/14/13 19:22	1
Naphthalene	<0.11	*	0.73	0.11	ug/L		03/13/13 08:50	03/14/13 19:22	1
Phenanthrene	<0.15		0.73	0.15	ug/L		03/13/13 08:50	03/14/13 19:22	1
Pyrene	<0.17	*	0.73	0.17	ug/L		03/13/13 08:50	03/14/13 19:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*78*		*48 - 110*	*03/13/13 08:50*	*03/14/13 19:22*	*1*
Nitrobenzene-d5 (Surr)	*96*		*41 - 110*	*03/13/13 08:50*	*03/14/13 19:22*	*1*
Terphenyl-d14 (Surr)	*91*		*44 - 132*	*03/13/13 08:50*	*03/14/13 19:22*	*1*

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek -117-2201289.02

TestAmerica Job ID: 500-55081-1

Client Sample ID: MW-112
Date Collected: 03/08/13 13:55
Date Received: 03/09/13 09:10

Lab Sample ID: 500-55081-12
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.25		1.0	0.25	ug/L			03/14/13 16:58	1
1,1,1-Trichloroethane	<0.20		1.0	0.20	ug/L			03/14/13 16:58	1
1,1,2,2-Tetrachloroethane	<0.23		1.0	0.23	ug/L			03/14/13 16:58	1
1,1,2-Trichloroethane	<0.28		1.0	0.28	ug/L			03/14/13 16:58	1
1,1-Dichloroethane	<0.19		1.0	0.19	ug/L			03/14/13 16:58	1
1,1-Dichloroethene	<0.31		1.0	0.31	ug/L			03/14/13 16:58	1
1,1-Dichloropropene	<0.34		1.0	0.34	ug/L			03/14/13 16:58	1
1,2,3-Trichlorobenzene	<0.24		1.0	0.24	ug/L			03/14/13 16:58	1
1,2,3-Trichloropropane	<0.45		1.0	0.45	ug/L			03/14/13 16:58	1
1,2,4-Trichlorobenzene	<0.31		1.0	0.31	ug/L			03/14/13 16:58	1
1,2,4-Trimethylbenzene	<0.14		1.0	0.14	ug/L			03/14/13 16:58	1
1,2-Dibromo-3-Chloropropane	<0.87		2.0	0.87	ug/L			03/14/13 16:58	1
1,2-Dibromoethane	<0.36		1.0	0.36	ug/L			03/14/13 16:58	1
1,2-Dichlorobenzene	<0.27		1.0	0.27	ug/L			03/14/13 16:58	1
1,2-Dichloroethane	<0.28		1.0	0.28	ug/L			03/14/13 16:58	1
1,2-Dichloropropane	<0.20		1.0	0.20	ug/L			03/14/13 16:58	1
1,3,5-Trimethylbenzene	<0.18		1.0	0.18	ug/L			03/14/13 16:58	1
1,3-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/14/13 16:58	1
1,3-Dichloropropane	<0.13		1.0	0.13	ug/L			03/14/13 16:58	1
1,4-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/14/13 16:58	1
2,2-Dichloropropane	<0.32		1.0	0.32	ug/L			03/14/13 16:58	1
2-Chlorotoluene	<0.21		1.0	0.21	ug/L			03/14/13 16:58	1
4-Chlorotoluene	<0.20		1.0	0.20	ug/L			03/14/13 16:58	1
Benzene	<0.074		0.50	0.074	ug/L			03/14/13 16:58	1
Bromobenzene	<0.25		1.0	0.25	ug/L			03/14/13 16:58	1
Bromochloromethane	<0.40		1.0	0.40	ug/L			03/14/13 16:58	1
Bromodichloromethane	<0.17		1.0	0.17	ug/L			03/14/13 16:58	1
Bromoform	<0.28		1.0	0.28	ug/L			03/14/13 16:58	1
Bromomethane	<0.31		1.0	0.31	ug/L			03/14/13 16:58	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/L			03/14/13 16:58	1
Chlorobenzene	<0.14		1.0	0.14	ug/L			03/14/13 16:58	1
Chloroethane	<0.34		1.0	0.34	ug/L			03/14/13 16:58	1
Chloroform	<0.20		1.0	0.20	ug/L			03/14/13 16:58	1
Chloromethane	<0.18		1.0	0.18	ug/L			03/14/13 16:58	1
cis-1,2-Dichloroethene	<0.12		1.0	0.12	ug/L			03/14/13 16:58	1
cis-1,3-Dichloropropene	<0.18		1.0	0.18	ug/L			03/14/13 16:58	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			03/14/13 16:58	1
Dibromomethane	<0.33		1.0	0.33	ug/L			03/14/13 16:58	1
Dichlorodifluoromethane	<0.20		1.0	0.20	ug/L			03/14/13 16:58	1
Ethylbenzene	<0.13		0.50	0.13	ug/L			03/14/13 16:58	1
Hexachlorobutadiene	<0.26		1.0	0.26	ug/L			03/14/13 16:58	1
Isopropyl ether	<0.15		1.0	0.15	ug/L			03/14/13 16:58	1
Isopropylbenzene	<0.14		1.0	0.14	ug/L			03/14/13 16:58	1
Methyl tert-butyl ether	<0.24		1.0	0.24	ug/L			03/14/13 16:58	1
Methylene Chloride	<0.68		5.0	0.68	ug/L			03/14/13 16:58	1
Naphthalene	<0.16		1.0	0.16	ug/L			03/14/13 16:58	1
n-Butylbenzene	<0.13		1.0	0.13	ug/L			03/14/13 16:58	1
N-Propylbenzene	<0.13		1.0	0.13	ug/L			03/14/13 16:58	1
p-Isopropyltoluene	<0.17		1.0	0.17	ug/L			03/14/13 16:58	1

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek -117-2201289.02

TestAmerica Job ID: 500-55081-1

Client Sample ID: MW-112
Date Collected: 03/08/13 13:55
Date Received: 03/09/13 09:10

Lab Sample ID: 500-55081-12
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.15		1.0	0.15	ug/L			03/14/13 16:58	1
Styrene	<0.10		1.0	0.10	ug/L			03/14/13 16:58	1
tert-Butylbenzene	<0.14		1.0	0.14	ug/L			03/14/13 16:58	1
Tetrachloroethene	<0.17		1.0	0.17	ug/L			03/14/13 16:58	1
Toluene	<0.11		0.50	0.11	ug/L			03/14/13 16:58	1
trans-1,2-Dichloroethene	<0.25		1.0	0.25	ug/L			03/14/13 16:58	1
trans-1,3-Dichloropropene	<0.21		1.0	0.21	ug/L			03/14/13 16:58	1
Trichloroethene	<0.19		0.50	0.19	ug/L			03/14/13 16:58	1
Trichlorofluoromethane	<0.19		1.0	0.19	ug/L			03/14/13 16:58	1
Vinyl chloride	<0.10		0.50	0.10	ug/L			03/14/13 16:58	1
Xylenes, Total	<0.068		1.0	0.068	ug/L			03/14/13 16:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*75 - 125*		*03/14/13 16:58*	*1*
4-Bromofluorobenzene (Surr)	*91*		*75 - 120*		*03/14/13 16:58*	*1*
Dibromofluoromethane	*97*		*75 - 120*		*03/14/13 16:58*	*1*
Toluene-d8 (Surr)	*97*		*75 - 120*		*03/14/13 16:58*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.17		0.72	0.17	ug/L		03/13/13 08:50	03/14/13 19:46	1
2-Methylnaphthalene	<0.061	*	0.36	0.061	ug/L		03/13/13 08:50	03/14/13 19:46	1
Acenaphthene	<0.089	*	0.72	0.089	ug/L		03/13/13 08:50	03/14/13 19:46	1
Acenaphthylene	<0.098	*	0.72	0.098	ug/L		03/13/13 08:50	03/14/13 19:46	1
Anthracene	<0.13		0.72	0.13	ug/L		03/13/13 08:50	03/14/13 19:46	1
Benzo[a]anthracene	**0.20**	*	0.14	0.047	ug/L		03/13/13 08:50	03/14/13 19:46	1
Benzo[a]pyrene	<0.055		0.14	0.055	ug/L		03/13/13 08:50	03/14/13 19:46	1
Benzo[b]fluoranthene	<0.059		0.14	0.059	ug/L		03/13/13 08:50	03/14/13 19:46	1
Benzo[g,h,i]perylene	<0.35		0.72	0.35	ug/L		03/13/13 08:50	03/14/13 19:46	1
Benzo[k]fluoranthene	<0.12	*	0.14	0.12	ug/L		03/13/13 08:50	03/14/13 19:46	1
Chrysene	**0.10**	J *	0.36	0.068	ug/L		03/13/13 08:50	03/14/13 19:46	1
Dibenz(a,h)anthracene	<0.082		0.22	0.082	ug/L		03/13/13 08:50	03/14/13 19:46	1
Fluoranthene	**0.55**	J *	0.72	0.15	ug/L		03/13/13 08:50	03/14/13 19:46	1
Fluorene	<0.12		0.72	0.12	ug/L		03/13/13 08:50	03/14/13 19:46	1
Indeno[1,2,3-cd]pyrene	<0.055		0.14	0.055	ug/L		03/13/13 08:50	03/14/13 19:46	1
Naphthalene	<0.11	*	0.72	0.11	ug/L		03/13/13 08:50	03/14/13 19:46	1
Phenanthrene	**0.26**	J	0.72	0.15	ug/L		03/13/13 08:50	03/14/13 19:46	1
Pyrene	**0.27**	J *	0.72	0.16	ug/L		03/13/13 08:50	03/14/13 19:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*74*		*48 - 110*	*03/13/13 08:50*	*03/14/13 19:46*	*1*
Nitrobenzene-d5 (Surr)	*92*		*41 - 110*	*03/13/13 08:50*	*03/14/13 19:46*	*1*
Terphenyl-d14 (Surr)	*90*		*44 - 132*	*03/13/13 08:50*	*03/14/13 19:46*	*1*

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek -117-2201289.02

TestAmerica Job ID: 500-55081-1

Client Sample ID: MW-1
Date Collected: 03/08/13 14:25
Date Received: 03/09/13 09:10

Lab Sample ID: 500-55081-13
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.25		1.0	0.25	ug/L			03/14/13 17:23	1
1,1,1-Trichloroethane	<0.20		1.0	0.20	ug/L			03/14/13 17:23	1
1,1,2,2-Tetrachloroethane	<0.23		1.0	0.23	ug/L			03/14/13 17:23	1
1,1,2-Trichloroethane	<0.28		1.0	0.28	ug/L			03/14/13 17:23	1
1,1-Dichloroethane	<0.19		1.0	0.19	ug/L			03/14/13 17:23	1
1,1-Dichloroethene	<0.31		1.0	0.31	ug/L			03/14/13 17:23	1
1,1-Dichloropropene	<0.34		1.0	0.34	ug/L			03/14/13 17:23	1
1,2,3-Trichlorobenzene	<0.24		1.0	0.24	ug/L			03/14/13 17:23	1
1,2,3-Trichloropropane	<0.45		1.0	0.45	ug/L			03/14/13 17:23	1
1,2,4-Trichlorobenzene	<0.31		1.0	0.31	ug/L			03/14/13 17:23	1
1,2,4-Trimethylbenzene	<0.14		1.0	0.14	ug/L			03/14/13 17:23	1
1,2-Dibromo-3-Chloropropane	<0.87		2.0	0.87	ug/L			03/14/13 17:23	1
1,2-Dibromoethane	<0.36		1.0	0.36	ug/L			03/14/13 17:23	1
1,2-Dichlorobenzene	<0.27		1.0	0.27	ug/L			03/14/13 17:23	1
1,2-Dichloroethane	<0.28		1.0	0.28	ug/L			03/14/13 17:23	1
1,2-Dichloropropane	<0.20		1.0	0.20	ug/L			03/14/13 17:23	1
1,3,5-Trimethylbenzene	<0.18		1.0	0.18	ug/L			03/14/13 17:23	1
1,3-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/14/13 17:23	1
1,3-Dichloropropane	<0.13		1.0	0.13	ug/L			03/14/13 17:23	1
1,4-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/14/13 17:23	1
2,2-Dichloropropane	<0.32		1.0	0.32	ug/L			03/14/13 17:23	1
2-Chlorotoluene	<0.21		1.0	0.21	ug/L			03/14/13 17:23	1
4-Chlorotoluene	<0.20		1.0	0.20	ug/L			03/14/13 17:23	1
Benzene	<0.074		0.50	0.074	ug/L			03/14/13 17:23	1
Bromobenzene	<0.25		1.0	0.25	ug/L			03/14/13 17:23	1
Bromochloromethane	<0.40		1.0	0.40	ug/L			03/14/13 17:23	1
Bromodichloromethane	<0.17		1.0	0.17	ug/L			03/14/13 17:23	1
Bromoform	<0.28		1.0	0.28	ug/L			03/14/13 17:23	1
Bromomethane	<0.31		1.0	0.31	ug/L			03/14/13 17:23	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/L			03/14/13 17:23	1
Chlorobenzene	<0.14		1.0	0.14	ug/L			03/14/13 17:23	1
Chloroethane	<0.34		1.0	0.34	ug/L			03/14/13 17:23	1
Chloroform	<0.20		1.0	0.20	ug/L			03/14/13 17:23	1
Chloromethane	<0.18		1.0	0.18	ug/L			03/14/13 17:23	1
cis-1,2-Dichloroethene	<0.12		1.0	0.12	ug/L			03/14/13 17:23	1
cis-1,3-Dichloropropene	<0.18		1.0	0.18	ug/L			03/14/13 17:23	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			03/14/13 17:23	1
Dibromomethane	<0.33		1.0	0.33	ug/L			03/14/13 17:23	1
Dichlorodifluoromethane	<0.20		1.0	0.20	ug/L			03/14/13 17:23	1
Ethylbenzene	<0.13		0.50	0.13	ug/L			03/14/13 17:23	1
Hexachlorobutadiene	<0.26		1.0	0.26	ug/L			03/14/13 17:23	1
Isopropyl ether	<0.15		1.0	0.15	ug/L			03/14/13 17:23	1
Isopropylbenzene	<0.14		1.0	0.14	ug/L			03/14/13 17:23	1
Methyl tert-butyl ether	<0.24		1.0	0.24	ug/L			03/14/13 17:23	1
Methylene Chloride	<0.68		5.0	0.68	ug/L			03/14/13 17:23	1
Naphthalene	<0.16		1.0	0.16	ug/L			03/14/13 17:23	1
n-Butylbenzene	<0.13		1.0	0.13	ug/L			03/14/13 17:23	1
N-Propylbenzene	<0.13		1.0	0.13	ug/L			03/14/13 17:23	1
p-Isopropyltoluene	<0.17		1.0	0.17	ug/L			03/14/13 17:23	1

Client Sample ID: MW-1
Date Collected: 03/08/13 14:25
Date Received: 03/09/13 09:10

Lab Sample ID: 500-55081-13
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.15		1.0	0.15	ug/L			03/14/13 17:23	1
Styrene	<0.10		1.0	0.10	ug/L			03/14/13 17:23	1
tert-Butylbenzene	<0.14		1.0	0.14	ug/L			03/14/13 17:23	1
Tetrachloroethene	0.68	J	1.0	0.17	ug/L			03/14/13 17:23	1
Toluene	<0.11		0.50	0.11	ug/L			03/14/13 17:23	1
trans-1,2-Dichloroethene	<0.25		1.0	0.25	ug/L			03/14/13 17:23	1
trans-1,3-Dichloropropene	<0.21		1.0	0.21	ug/L			03/14/13 17:23	1
Trichloroethene	<0.19		0.50	0.19	ug/L			03/14/13 17:23	1
Trichlorofluoromethane	<0.19		1.0	0.19	ug/L			03/14/13 17:23	1
Vinyl chloride	<0.10		0.50	0.10	ug/L			03/14/13 17:23	1
Xylenes, Total	<0.068		1.0	0.068	ug/L			03/14/13 17:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*75 - 125*		*03/14/13 17:23*	*1*
4-Bromofluorobenzene (Surr)	*91*		*75 - 120*		*03/14/13 17:23*	*1*
Dibromofluoromethane	*97*		*75 - 120*		*03/14/13 17:23*	*1*
Toluene-d8 (Surr)	*95*		*75 - 120*		*03/14/13 17:23*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.17		0.73	0.17	ug/L		03/13/13 08:50	03/14/13 20:10	1
2-Methylnaphthalene	<0.061	*	0.36	0.061	ug/L		03/13/13 08:50	03/14/13 20:10	1
Acenaphthene	<0.090	*	0.73	0.090	ug/L		03/13/13 08:50	03/14/13 20:10	1
Acenaphthylene	<0.099	*	0.73	0.099	ug/L		03/13/13 08:50	03/14/13 20:10	1
Anthracene	<0.13		0.73	0.13	ug/L		03/13/13 08:50	03/14/13 20:10	1
Benzo[a]anthracene	<0.048	*	0.15	0.048	ug/L		03/13/13 08:50	03/14/13 20:10	1
Benzo[a]pyrene	<0.055		0.15	0.055	ug/L		03/13/13 08:50	03/14/13 20:10	1
Benzo[b]fluoranthene	<0.060		0.15	0.060	ug/L		03/13/13 08:50	03/14/13 20:10	1
Benzo[g,h,i]perylene	<0.35		0.73	0.35	ug/L		03/13/13 08:50	03/14/13 20:10	1
Benzo[k]fluoranthene	<0.12	*	0.15	0.12	ug/L		03/13/13 08:50	03/14/13 20:10	1
Chrysene	<0.068	*	0.36	0.068	ug/L		03/13/13 08:50	03/14/13 20:10	1
Dibenz(a,h)anthracene	<0.083		0.22	0.083	ug/L		03/13/13 08:50	03/14/13 20:10	1
Fluoranthene	<0.15	*	0.73	0.15	ug/L		03/13/13 08:50	03/14/13 20:10	1
Fluorene	<0.12		0.73	0.12	ug/L		03/13/13 08:50	03/14/13 20:10	1
Indeno[1,2,3-cd]pyrene	<0.056		0.15	0.056	ug/L		03/13/13 08:50	03/14/13 20:10	1
Naphthalene	<0.11	*	0.73	0.11	ug/L		03/13/13 08:50	03/14/13 20:10	1
Phenanthrene	<0.15		0.73	0.15	ug/L		03/13/13 08:50	03/14/13 20:10	1
Pyrene	<0.17	*	0.73	0.17	ug/L		03/13/13 08:50	03/14/13 20:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*76*		*48 - 110*	*03/13/13 08:50*	*03/14/13 20:10*	*1*
Nitrobenzene-d5 (Surr)	*91*		*41 - 110*	*03/13/13 08:50*	*03/14/13 20:10*	*1*
Terphenyl-d14 (Surr)	*91*		*44 - 132*	*03/13/13 08:50*	*03/14/13 20:10*	*1*

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek -117-2201289.02

TestAmerica Job ID: 500-55081-1

Client Sample ID: MW-118
Date Collected: 03/08/13 11:35
Date Received: 03/09/13 09:10

Lab Sample ID: 500-55081-14
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.25		1.0	0.25	ug/L			03/14/13 17:47	1
1,1,1-Trichloroethane	<0.20		1.0	0.20	ug/L			03/14/13 17:47	1
1,1,2,2-Tetrachloroethane	<0.23		1.0	0.23	ug/L			03/14/13 17:47	1
1,1,2-Trichloroethane	<0.28		1.0	0.28	ug/L			03/14/13 17:47	1
1,1-Dichloroethane	<0.19		1.0	0.19	ug/L			03/14/13 17:47	1
1,1-Dichloroethene	<0.31		1.0	0.31	ug/L			03/14/13 17:47	1
1,1-Dichloropropene	<0.34		1.0	0.34	ug/L			03/14/13 17:47	1
1,2,3-Trichlorobenzene	<0.24		1.0	0.24	ug/L			03/14/13 17:47	1
1,2,3-Trichloropropane	<0.45		1.0	0.45	ug/L			03/14/13 17:47	1
1,2,4-Trichlorobenzene	<0.31		1.0	0.31	ug/L			03/14/13 17:47	1
1,2,4-Trimethylbenzene	<0.14		1.0	0.14	ug/L			03/14/13 17:47	1
1,2-Dibromo-3-Chloropropane	<0.87		2.0	0.87	ug/L			03/14/13 17:47	1
1,2-Dibromoethane	<0.36		1.0	0.36	ug/L			03/14/13 17:47	1
1,2-Dichlorobenzene	<0.27		1.0	0.27	ug/L			03/14/13 17:47	1
1,2-Dichloroethane	<0.28		1.0	0.28	ug/L			03/14/13 17:47	1
1,2-Dichloropropane	<0.20		1.0	0.20	ug/L			03/14/13 17:47	1
1,3,5-Trimethylbenzene	<0.18		1.0	0.18	ug/L			03/14/13 17:47	1
1,3-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/14/13 17:47	1
1,3-Dichloropropane	<0.13		1.0	0.13	ug/L			03/14/13 17:47	1
1,4-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/14/13 17:47	1
2,2-Dichloropropane	<0.32		1.0	0.32	ug/L			03/14/13 17:47	1
2-Chlorotoluene	<0.21		1.0	0.21	ug/L			03/14/13 17:47	1
4-Chlorotoluene	<0.20		1.0	0.20	ug/L			03/14/13 17:47	1
Benzene	<0.074		0.50	0.074	ug/L			03/14/13 17:47	1
Bromobenzene	<0.25		1.0	0.25	ug/L			03/14/13 17:47	1
Bromochloromethane	<0.40		1.0	0.40	ug/L			03/14/13 17:47	1
Bromodichloromethane	<0.17		1.0	0.17	ug/L			03/14/13 17:47	1
Bromoform	<0.28		1.0	0.28	ug/L			03/14/13 17:47	1
Bromomethane	<0.31		1.0	0.31	ug/L			03/14/13 17:47	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/L			03/14/13 17:47	1
Chlorobenzene	<0.14		1.0	0.14	ug/L			03/14/13 17:47	1
Chloroethane	<0.34		1.0	0.34	ug/L			03/14/13 17:47	1
Chloroform	<0.20		1.0	0.20	ug/L			03/14/13 17:47	1
Chloromethane	<0.18		1.0	0.18	ug/L			03/14/13 17:47	1
cis-1,2-Dichloroethene	<0.12		1.0	0.12	ug/L			03/14/13 17:47	1
cis-1,3-Dichloropropene	<0.18		1.0	0.18	ug/L			03/14/13 17:47	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			03/14/13 17:47	1
Dibromomethane	<0.33		1.0	0.33	ug/L			03/14/13 17:47	1
Dichlorodifluoromethane	<0.20		1.0	0.20	ug/L			03/14/13 17:47	1
Ethylbenzene	<0.13		0.50	0.13	ug/L			03/14/13 17:47	1
Hexachlorobutadiene	<0.26		1.0	0.26	ug/L			03/14/13 17:47	1
Isopropyl ether	<0.15		1.0	0.15	ug/L			03/14/13 17:47	1
Isopropylbenzene	<0.14		1.0	0.14	ug/L			03/14/13 17:47	1
Methyl tert-butyl ether	<0.24		1.0	0.24	ug/L			03/14/13 17:47	1
Methylene Chloride	<0.68		5.0	0.68	ug/L			03/14/13 17:47	1
Naphthalene	<0.16		1.0	0.16	ug/L			03/14/13 17:47	1
n-Butylbenzene	<0.13		1.0	0.13	ug/L			03/14/13 17:47	1
N-Propylbenzene	<0.13		1.0	0.13	ug/L			03/14/13 17:47	1
p-Isopropyltoluene	<0.17		1.0	0.17	ug/L			03/14/13 17:47	1

Client Sample ID: MW-118
Date Collected: 03/08/13 11:35
Date Received: 03/09/13 09:10

Lab Sample ID: 500-55081-14
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.15		1.0	0.15	ug/L			03/14/13 17:47	1
Styrene	<0.10		1.0	0.10	ug/L			03/14/13 17:47	1
tert-Butylbenzene	<0.14		1.0	0.14	ug/L			03/14/13 17:47	1
Tetrachloroethene	<0.17		1.0	0.17	ug/L			03/14/13 17:47	1
Toluene	<0.11		0.50	0.11	ug/L			03/14/13 17:47	1
trans-1,2-Dichloroethene	<0.25		1.0	0.25	ug/L			03/14/13 17:47	1
trans-1,3-Dichloropropene	<0.21		1.0	0.21	ug/L			03/14/13 17:47	1
Trichloroethene	<0.19		0.50	0.19	ug/L			03/14/13 17:47	1
Trichlorofluoromethane	<0.19		1.0	0.19	ug/L			03/14/13 17:47	1
Vinyl chloride	<0.10		0.50	0.10	ug/L			03/14/13 17:47	1
Xylenes, Total	<0.068		1.0	0.068	ug/L			03/14/13 17:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*75 - 125*		*03/14/13 17:47*	*1*
4-Bromofluorobenzene (Surr)	*90*		*75 - 120*		*03/14/13 17:47*	*1*
Dibromofluoromethane	*96*		*75 - 120*		*03/14/13 17:47*	*1*
Toluene-d8 (Surr)	*96*		*75 - 120*		*03/14/13 17:47*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.17		0.74	0.17	ug/L		03/13/13 08:50	03/14/13 20:33	1
2-Methylnaphthalene	<0.062	*	0.37	0.062	ug/L		03/13/13 08:50	03/14/13 20:33	1
Acenaphthene	<0.091	*	0.74	0.091	ug/L		03/13/13 08:50	03/14/13 20:33	1
Acenaphthylene	<0.099	*	0.74	0.099	ug/L		03/13/13 08:50	03/14/13 20:33	1
Anthracene	<0.14		0.74	0.14	ug/L		03/13/13 08:50	03/14/13 20:33	1
Benzo[a]anthracene	**1.1**	*	0.15	0.048	ug/L		03/13/13 08:50	03/14/13 20:33	1
Benzo[a]pyrene	**1.2**		0.15	0.056	ug/L		03/13/13 08:50	03/14/13 20:33	1
Benzo[b]fluoranthene	**1.5**		0.15	0.060	ug/L		03/13/13 08:50	03/14/13 20:33	1
Benzo[g,h,i]perylene	<0.35		0.74	0.35	ug/L		03/13/13 08:50	03/14/13 20:33	1
Benzo[k]fluoranthene	**0.71**	*	0.15	0.12	ug/L		03/13/13 08:50	03/14/13 20:33	1
Chrysene	**1.2**	*	0.37	0.069	ug/L		03/13/13 08:50	03/14/13 20:33	1
Dibenz(a,h)anthracene	<0.083		0.22	0.083	ug/L		03/13/13 08:50	03/14/13 20:33	1
Fluoranthene	**1.1**	*	0.74	0.15	ug/L		03/13/13 08:50	03/14/13 20:33	1
Fluorene	<0.12		0.74	0.12	ug/L		03/13/13 08:50	03/14/13 20:33	1
Indeno[1,2,3-cd]pyrene	**0.44**		0.15	0.056	ug/L		03/13/13 08:50	03/14/13 20:33	1
Naphthalene	<0.11	*	0.74	0.11	ug/L		03/13/13 08:50	03/14/13 20:33	1
Phenanthrene	<0.16		0.74	0.16	ug/L		03/13/13 08:50	03/14/13 20:33	1
Pyrene	**1.1**	*	0.74	0.17	ug/L		03/13/13 08:50	03/14/13 20:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*75*		*48 - 110*	*03/13/13 08:50*	*03/14/13 20:33*	*1*
Nitrobenzene-d5 (Surr)	*89*		*41 - 110*	*03/13/13 08:50*	*03/14/13 20:33*	*1*
Terphenyl-d14 (Surr)	*87*		*44 - 132*	*03/13/13 08:50*	*03/14/13 20:33*	*1*

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek -117-2201289.02

TestAmerica Job ID: 500-55081-1

Client Sample ID: MW-118 Dup
Date Collected: 03/08/13 11:40
Date Received: 03/09/13 09:10

Lab Sample ID: 500-55081-15
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.25		1.0	0.25	ug/L			03/14/13 18:11	1
1,1,1-Trichloroethane	<0.20		1.0	0.20	ug/L			03/14/13 18:11	1
1,1,2,2-Tetrachloroethane	<0.23		1.0	0.23	ug/L			03/14/13 18:11	1
1,1,2-Trichloroethane	<0.28		1.0	0.28	ug/L			03/14/13 18:11	1
1,1-Dichloroethane	<0.19		1.0	0.19	ug/L			03/14/13 18:11	1
1,1-Dichloroethene	<0.31		1.0	0.31	ug/L			03/14/13 18:11	1
1,1-Dichloropropene	<0.34		1.0	0.34	ug/L			03/14/13 18:11	1
1,2,3-Trichlorobenzene	<0.24		1.0	0.24	ug/L			03/14/13 18:11	1
1,2,3-Trichloropropane	<0.45		1.0	0.45	ug/L			03/14/13 18:11	1
1,2,4-Trichlorobenzene	<0.31		1.0	0.31	ug/L			03/14/13 18:11	1
1,2,4-Trimethylbenzene	<0.14		1.0	0.14	ug/L			03/14/13 18:11	1
1,2-Dibromo-3-Chloropropane	<0.87		2.0	0.87	ug/L			03/14/13 18:11	1
1,2-Dibromoethane	<0.36		1.0	0.36	ug/L			03/14/13 18:11	1
1,2-Dichlorobenzene	<0.27		1.0	0.27	ug/L			03/14/13 18:11	1
1,2-Dichloroethane	<0.28		1.0	0.28	ug/L			03/14/13 18:11	1
1,2-Dichloropropane	<0.20		1.0	0.20	ug/L			03/14/13 18:11	1
1,3,5-Trimethylbenzene	<0.18		1.0	0.18	ug/L			03/14/13 18:11	1
1,3-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/14/13 18:11	1
1,3-Dichloropropane	<0.13		1.0	0.13	ug/L			03/14/13 18:11	1
1,4-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/14/13 18:11	1
2,2-Dichloropropane	<0.32		1.0	0.32	ug/L			03/14/13 18:11	1
2-Chlorotoluene	<0.21		1.0	0.21	ug/L			03/14/13 18:11	1
4-Chlorotoluene	<0.20		1.0	0.20	ug/L			03/14/13 18:11	1
Benzene	<0.074		0.50	0.074	ug/L			03/14/13 18:11	1
Bromobenzene	<0.25		1.0	0.25	ug/L			03/14/13 18:11	1
Bromochloromethane	<0.40		1.0	0.40	ug/L			03/14/13 18:11	1
Bromodichloromethane	<0.17		1.0	0.17	ug/L			03/14/13 18:11	1
Bromoform	<0.28		1.0	0.28	ug/L			03/14/13 18:11	1
Bromomethane	<0.31		1.0	0.31	ug/L			03/14/13 18:11	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/L			03/14/13 18:11	1
Chlorobenzene	<0.14		1.0	0.14	ug/L			03/14/13 18:11	1
Chloroethane	<0.34		1.0	0.34	ug/L			03/14/13 18:11	1
Chloroform	<0.20		1.0	0.20	ug/L			03/14/13 18:11	1
Chloromethane	<0.18		1.0	0.18	ug/L			03/14/13 18:11	1
cis-1,2-Dichloroethene	<0.12		1.0	0.12	ug/L			03/14/13 18:11	1
cis-1,3-Dichloropropene	<0.18		1.0	0.18	ug/L			03/14/13 18:11	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			03/14/13 18:11	1
Dibromomethane	<0.33		1.0	0.33	ug/L			03/14/13 18:11	1
Dichlorodifluoromethane	<0.20		1.0	0.20	ug/L			03/14/13 18:11	1
Ethylbenzene	<0.13		0.50	0.13	ug/L			03/14/13 18:11	1
Hexachlorobutadiene	<0.26		1.0	0.26	ug/L			03/14/13 18:11	1
Isopropyl ether	<0.15		1.0	0.15	ug/L			03/14/13 18:11	1
Isopropylbenzene	<0.14		1.0	0.14	ug/L			03/14/13 18:11	1
Methyl tert-butyl ether	<0.24		1.0	0.24	ug/L			03/14/13 18:11	1
Methylene Chloride	<0.68		5.0	0.68	ug/L			03/14/13 18:11	1
Naphthalene	<0.16		1.0	0.16	ug/L			03/14/13 18:11	1
n-Butylbenzene	<0.13		1.0	0.13	ug/L			03/14/13 18:11	1
N-Propylbenzene	<0.13		1.0	0.13	ug/L			03/14/13 18:11	1
p-Isopropyltoluene	<0.17		1.0	0.17	ug/L			03/14/13 18:11	1

Client Sample ID: MW-118 Dup
Date Collected: 03/08/13 11:40
Date Received: 03/09/13 09:10

Lab Sample ID: 500-55081-15
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.15		1.0	0.15	ug/L			03/14/13 18:11	1
Styrene	<0.10		1.0	0.10	ug/L			03/14/13 18:11	1
tert-Butylbenzene	<0.14		1.0	0.14	ug/L			03/14/13 18:11	1
Tetrachloroethene	<0.17		1.0	0.17	ug/L			03/14/13 18:11	1
Toluene	<0.11		0.50	0.11	ug/L			03/14/13 18:11	1
trans-1,2-Dichloroethene	<0.25		1.0	0.25	ug/L			03/14/13 18:11	1
trans-1,3-Dichloropropene	<0.21		1.0	0.21	ug/L			03/14/13 18:11	1
Trichloroethene	<0.19		0.50	0.19	ug/L			03/14/13 18:11	1
Trichlorofluoromethane	<0.19		1.0	0.19	ug/L			03/14/13 18:11	1
Vinyl chloride	<0.10		0.50	0.10	ug/L			03/14/13 18:11	1
Xylenes, Total	<0.068		1.0	0.068	ug/L			03/14/13 18:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*75 - 125*		*03/14/13 18:11*	*1*
4-Bromofluorobenzene (Surr)	*91*		*75 - 120*		*03/14/13 18:11*	*1*
Dibromofluoromethane	*101*		*75 - 120*		*03/14/13 18:11*	*1*
Toluene-d8 (Surr)	*96*		*75 - 120*		*03/14/13 18:11*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.17		0.74	0.17	ug/L		03/13/13 08:50	03/14/13 20:57	1
2-Methylnaphthalene	<0.062	*	0.37	0.062	ug/L		03/13/13 08:50	03/14/13 20:57	1
Acenaphthene	<0.091	*	0.74	0.091	ug/L		03/13/13 08:50	03/14/13 20:57	1
Acenaphthylene	**0.38**	**J ***	0.74	0.099	ug/L		03/13/13 08:50	03/14/13 20:57	1
Anthracene	**0.22**	**J**	0.74	0.14	ug/L		03/13/13 08:50	03/14/13 20:57	1
Benzo[a]anthracene	**2.3**	*	0.15	0.048	ug/L		03/13/13 08:50	03/14/13 20:57	1
Benzo[a]pyrene	**3.0**		0.15	0.056	ug/L		03/13/13 08:50	03/14/13 20:57	1
Benzo[b]fluoranthene	**4.0**		0.15	0.060	ug/L		03/13/13 08:50	03/14/13 20:57	1
Benzo[g,h,i]perylene	**1.2**		0.74	0.36	ug/L		03/13/13 08:50	03/14/13 20:57	1
Benzo[k]fluoranthene	**1.4**	*	0.15	0.12	ug/L		03/13/13 08:50	03/14/13 20:57	1
Chrysene	**2.7**	*	0.37	0.069	ug/L		03/13/13 08:50	03/14/13 20:57	1
Dibenz(a,h)anthracene	**0.34**		0.22	0.083	ug/L		03/13/13 08:50	03/14/13 20:57	1
Fluoranthene	**2.5**	*	0.74	0.15	ug/L		03/13/13 08:50	03/14/13 20:57	1
Fluorene	<0.12		0.74	0.12	ug/L		03/13/13 08:50	03/14/13 20:57	1
Indeno[1,2,3-cd]pyrene	**1.1**		0.15	0.057	ug/L		03/13/13 08:50	03/14/13 20:57	1
Naphthalene	<0.11	*	0.74	0.11	ug/L		03/13/13 08:50	03/14/13 20:57	1
Phenanthrene	**0.35**	**J**	0.74	0.16	ug/L		03/13/13 08:50	03/14/13 20:57	1
Pyrene	**2.6**	*	0.74	0.17	ug/L		03/13/13 08:50	03/14/13 20:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*80*		*48 - 110*	*03/13/13 08:50*	*03/14/13 20:57*	*1*
Nitrobenzene-d5 (Surr)	*97*		*41 - 110*	*03/13/13 08:50*	*03/14/13 20:57*	*1*
Terphenyl-d14 (Surr)	*81*		*44 - 132*	*03/13/13 08:50*	*03/14/13 20:57*	*1*

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek -117-2201289.02

TestAmerica Job ID: 500-55081-1

Client Sample ID: MW-119
Date Collected: 03/08/13 12:10
Date Received: 03/09/13 09:10

Lab Sample ID: 500-55081-16
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.25		1.0	0.25	ug/L			03/14/13 18:36	1
1,1,1-Trichloroethane	<0.20		1.0	0.20	ug/L			03/14/13 18:36	1
1,1,2,2-Tetrachloroethane	<0.23		1.0	0.23	ug/L			03/14/13 18:36	1
1,1,2-Trichloroethane	<0.28		1.0	0.28	ug/L			03/14/13 18:36	1
1,1-Dichloroethane	<0.19		1.0	0.19	ug/L			03/14/13 18:36	1
1,1-Dichloroethene	<0.31		1.0	0.31	ug/L			03/14/13 18:36	1
1,1-Dichloropropene	<0.34		1.0	0.34	ug/L			03/14/13 18:36	1
1,2,3-Trichlorobenzene	<0.24		1.0	0.24	ug/L			03/14/13 18:36	1
1,2,3-Trichloropropane	<0.45		1.0	0.45	ug/L			03/14/13 18:36	1
1,2,4-Trichlorobenzene	<0.31		1.0	0.31	ug/L			03/14/13 18:36	1
1,2,4-Trimethylbenzene	<0.14		1.0	0.14	ug/L			03/14/13 18:36	1
1,2-Dibromo-3-Chloropropane	<0.87		2.0	0.87	ug/L			03/14/13 18:36	1
1,2-Dibromoethane	<0.36		1.0	0.36	ug/L			03/14/13 18:36	1
1,2-Dichlorobenzene	**0.86**	**J**	1.0	0.27	ug/L			03/14/13 18:36	1
1,2-Dichloroethane	<0.28		1.0	0.28	ug/L			03/14/13 18:36	1
1,2-Dichloropropane	<0.20		1.0	0.20	ug/L			03/14/13 18:36	1
1,3,5-Trimethylbenzene	<0.18		1.0	0.18	ug/L			03/14/13 18:36	1
1,3-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/14/13 18:36	1
1,3-Dichloropropane	<0.13		1.0	0.13	ug/L			03/14/13 18:36	1
1,4-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/14/13 18:36	1
2,2-Dichloropropane	<0.32		1.0	0.32	ug/L			03/14/13 18:36	1
2-Chlorotoluene	<0.21		1.0	0.21	ug/L			03/14/13 18:36	1
4-Chlorotoluene	<0.20		1.0	0.20	ug/L			03/14/13 18:36	1
Benzene	<0.074		0.50	0.074	ug/L			03/14/13 18:36	1
Bromobenzene	<0.25		1.0	0.25	ug/L			03/14/13 18:36	1
Bromochloromethane	<0.40		1.0	0.40	ug/L			03/14/13 18:36	1
Bromodichloromethane	<0.17		1.0	0.17	ug/L			03/14/13 18:36	1
Bromoform	<0.28		1.0	0.28	ug/L			03/14/13 18:36	1
Bromomethane	<0.31		1.0	0.31	ug/L			03/14/13 18:36	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/L			03/14/13 18:36	1
Chlorobenzene	**3.5**		1.0	0.14	ug/L			03/14/13 18:36	1
Chloroethane	<0.34		1.0	0.34	ug/L			03/14/13 18:36	1
Chloroform	<0.20		1.0	0.20	ug/L			03/14/13 18:36	1
Chloromethane	<0.18		1.0	0.18	ug/L			03/14/13 18:36	1
cis-1,2-Dichloroethene	<0.12		1.0	0.12	ug/L			03/14/13 18:36	1
cis-1,3-Dichloropropene	<0.18		1.0	0.18	ug/L			03/14/13 18:36	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			03/14/13 18:36	1
Dibromomethane	<0.33		1.0	0.33	ug/L			03/14/13 18:36	1
Dichlorodifluoromethane	<0.20		1.0	0.20	ug/L			03/14/13 18:36	1
Ethylbenzene	<0.13		0.50	0.13	ug/L			03/14/13 18:36	1
Hexachlorobutadiene	<0.26		1.0	0.26	ug/L			03/14/13 18:36	1
Isopropyl ether	<0.15		1.0	0.15	ug/L			03/14/13 18:36	1
Isopropylbenzene	<0.14		1.0	0.14	ug/L			03/14/13 18:36	1
Methyl tert-butyl ether	<0.24		1.0	0.24	ug/L			03/14/13 18:36	1
Methylene Chloride	<0.68		5.0	0.68	ug/L			03/14/13 18:36	1
Naphthalene	**1.4**		1.0	0.16	ug/L			03/14/13 18:36	1
n-Butylbenzene	<0.13		1.0	0.13	ug/L			03/14/13 18:36	1
N-Propylbenzene	<0.13		1.0	0.13	ug/L			03/14/13 18:36	1
p-Isopropyltoluene	<0.17		1.0	0.17	ug/L			03/14/13 18:36	1

Client Sample ID: MW-119
Date Collected: 03/08/13 12:10
Date Received: 03/09/13 09:10

Lab Sample ID: 500-55081-16
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.15		1.0	0.15	ug/L			03/14/13 18:36	1
Styrene	<0.10		1.0	0.10	ug/L			03/14/13 18:36	1
tert-Butylbenzene	<0.14		1.0	0.14	ug/L			03/14/13 18:36	1
Tetrachloroethene	<0.17		1.0	0.17	ug/L			03/14/13 18:36	1
Toluene	**0.31**	**J**	0.50	0.11	ug/L			03/14/13 18:36	1
trans-1,2-Dichloroethene	<0.25		1.0	0.25	ug/L			03/14/13 18:36	1
trans-1,3-Dichloropropene	<0.21		1.0	0.21	ug/L			03/14/13 18:36	1
Trichloroethene	<0.19		0.50	0.19	ug/L			03/14/13 18:36	1
Trichlorofluoromethane	<0.19		1.0	0.19	ug/L			03/14/13 18:36	1
Vinyl chloride	<0.10		0.50	0.10	ug/L			03/14/13 18:36	1
Xylenes, Total	**0.56**	**J**	1.0	0.068	ug/L			03/14/13 18:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*75 - 125*		*03/14/13 18:36*	*1*
4-Bromofluorobenzene (Surr)	*89*		*75 - 120*		*03/14/13 18:36*	*1*
Dibromofluoromethane	*97*		*75 - 120*		*03/14/13 18:36*	*1*
Toluene-d8 (Surr)	*92*		*75 - 120*		*03/14/13 18:36*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.18		0.74	0.18	ug/L		03/13/13 08:50	03/14/13 21:21	1
2-Methylnaphthalene	<0.063	*	0.37	0.063	ug/L		03/13/13 08:50	03/14/13 21:21	1
Acenaphthene	<0.092	*	0.74	0.092	ug/L		03/13/13 08:50	03/14/13 21:21	1
Acenaphthylene	<0.10	*	0.74	0.10	ug/L		03/13/13 08:50	03/14/13 21:21	1
Anthracene	**0.38**	**J**	0.74	0.14	ug/L		03/13/13 08:50	03/14/13 21:21	1
Benzo[a]anthracene	**0.67**	*	0.15	0.049	ug/L		03/13/13 08:50	03/14/13 21:21	1
Benzo[a]pyrene	**0.52**		0.15	0.056	ug/L		03/13/13 08:50	03/14/13 21:21	1
Benzo[b]fluoranthene	**0.71**		0.15	0.061	ug/L		03/13/13 08:50	03/14/13 21:21	1
Benzo[g,h,i]perylene	<0.36		0.74	0.36	ug/L		03/13/13 08:50	03/14/13 21:21	1
Benzo[k]fluoranthene	**0.34**	*	0.15	0.13	ug/L		03/13/13 08:50	03/14/13 21:21	1
Chrysene	**0.62**	*	0.37	0.070	ug/L		03/13/13 08:50	03/14/13 21:21	1
Dibenz(a,h)anthracene	<0.084		0.22	0.084	ug/L		03/13/13 08:50	03/14/13 21:21	1
Fluoranthene	**1.7**	*	0.74	0.15	ug/L		03/13/13 08:50	03/14/13 21:21	1
Fluorene	<0.12		0.74	0.12	ug/L		03/13/13 08:50	03/14/13 21:21	1
Indeno[1,2,3-cd]pyrene	**0.20**		0.15	0.057	ug/L		03/13/13 08:50	03/14/13 21:21	1
Naphthalene	<0.12	*	0.74	0.12	ug/L		03/13/13 08:50	03/14/13 21:21	1
Phenanthrene	**1.4**		0.74	0.16	ug/L		03/13/13 08:50	03/14/13 21:21	1
Pyrene	**1.2**	*	0.74	0.17	ug/L		03/13/13 08:50	03/14/13 21:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*75*		*48 - 110*	*03/13/13 08:50*	*03/14/13 21:21*	*1*
Nitrobenzene-d5 (Surr)	*91*		*41 - 110*	*03/13/13 08:50*	*03/14/13 21:21*	*1*
Terphenyl-d14 (Surr)	*89*		*44 - 132*	*03/13/13 08:50*	*03/14/13 21:21*	*1*

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek -117-2201289.02

TestAmerica Job ID: 500-55081-1

Client Sample ID: Trip Blank
Date Collected: 03/07/13 00:00
Date Received: 03/09/13 09:10

Lab Sample ID: 500-55081-17
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.25		1.0	0.25	ug/L			03/14/13 19:00	1
1,1,1-Trichloroethane	<0.20		1.0	0.20	ug/L			03/14/13 19:00	1
1,1,2,2-Tetrachloroethane	<0.23		1.0	0.23	ug/L			03/14/13 19:00	1
1,1,2-Trichloroethane	<0.28		1.0	0.28	ug/L			03/14/13 19:00	1
1,1-Dichloroethane	<0.19		1.0	0.19	ug/L			03/14/13 19:00	1
1,1-Dichloroethene	<0.31		1.0	0.31	ug/L			03/14/13 19:00	1
1,1-Dichloropropene	<0.34		1.0	0.34	ug/L			03/14/13 19:00	1
1,2,3-Trichlorobenzene	<0.24		1.0	0.24	ug/L			03/14/13 19:00	1
1,2,3-Trichloropropane	<0.45		1.0	0.45	ug/L			03/14/13 19:00	1
1,2,4-Trichlorobenzene	<0.31		1.0	0.31	ug/L			03/14/13 19:00	1
1,2,4-Trimethylbenzene	<0.14		1.0	0.14	ug/L			03/14/13 19:00	1
1,2-Dibromo-3-Chloropropane	<0.87		2.0	0.87	ug/L			03/14/13 19:00	1
1,2-Dibromoethane	<0.36		1.0	0.36	ug/L			03/14/13 19:00	1
1,2-Dichlorobenzene	<0.27		1.0	0.27	ug/L			03/14/13 19:00	1
1,2-Dichloroethane	<0.28		1.0	0.28	ug/L			03/14/13 19:00	1
1,2-Dichloropropane	<0.20		1.0	0.20	ug/L			03/14/13 19:00	1
1,3,5-Trimethylbenzene	<0.18		1.0	0.18	ug/L			03/14/13 19:00	1
1,3-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/14/13 19:00	1
1,3-Dichloropropane	<0.13		1.0	0.13	ug/L			03/14/13 19:00	1
1,4-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/14/13 19:00	1
2,2-Dichloropropane	<0.32		1.0	0.32	ug/L			03/14/13 19:00	1
2-Chlorotoluene	<0.21		1.0	0.21	ug/L			03/14/13 19:00	1
4-Chlorotoluene	<0.20		1.0	0.20	ug/L			03/14/13 19:00	1
Benzene	<0.074		0.50	0.074	ug/L			03/14/13 19:00	1
Bromobenzene	<0.25		1.0	0.25	ug/L			03/14/13 19:00	1
Bromochloromethane	<0.40		1.0	0.40	ug/L			03/14/13 19:00	1
Bromodichloromethane	<0.17		1.0	0.17	ug/L			03/14/13 19:00	1
Bromoform	<0.28		1.0	0.28	ug/L			03/14/13 19:00	1
Bromomethane	<0.31		1.0	0.31	ug/L			03/14/13 19:00	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/L			03/14/13 19:00	1
Chlorobenzene	<0.14		1.0	0.14	ug/L			03/14/13 19:00	1
Chloroethane	<0.34		1.0	0.34	ug/L			03/14/13 19:00	1
Chloroform	<0.20		1.0	0.20	ug/L			03/14/13 19:00	1
Chloromethane	<0.18		1.0	0.18	ug/L			03/14/13 19:00	1
cis-1,2-Dichloroethene	<0.12		1.0	0.12	ug/L			03/14/13 19:00	1
cis-1,3-Dichloropropene	<0.18		1.0	0.18	ug/L			03/14/13 19:00	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			03/14/13 19:00	1
Dibromomethane	<0.33		1.0	0.33	ug/L			03/14/13 19:00	1
Dichlorodifluoromethane	<0.20		1.0	0.20	ug/L			03/14/13 19:00	1
Ethylbenzene	<0.13		0.50	0.13	ug/L			03/14/13 19:00	1
Hexachlorobutadiene	<0.26		1.0	0.26	ug/L			03/14/13 19:00	1
Isopropyl ether	<0.15		1.0	0.15	ug/L			03/14/13 19:00	1
Isopropylbenzene	<0.14		1.0	0.14	ug/L			03/14/13 19:00	1
Methyl tert-butyl ether	<0.24		1.0	0.24	ug/L			03/14/13 19:00	1
Methylene Chloride	<0.68		5.0	0.68	ug/L			03/14/13 19:00	1
Naphthalene	<0.16		1.0	0.16	ug/L			03/14/13 19:00	1
n-Butylbenzene	<0.13		1.0	0.13	ug/L			03/14/13 19:00	1
N-Propylbenzene	<0.13		1.0	0.13	ug/L			03/14/13 19:00	1
p-Isopropyltoluene	<0.17		1.0	0.17	ug/L			03/14/13 19:00	1

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek -117-2201289.02

TestAmerica Job ID: 500-55081-1

Client Sample ID: Trip Blank
Date Collected: 03/07/13 00:00
Date Received: 03/09/13 09:10

Lab Sample ID: 500-55081-17
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.15		1.0	0.15	ug/L			03/14/13 19:00	1
Styrene	<0.10		1.0	0.10	ug/L			03/14/13 19:00	1
tert-Butylbenzene	<0.14		1.0	0.14	ug/L			03/14/13 19:00	1
Tetrachloroethene	<0.17		1.0	0.17	ug/L			03/14/13 19:00	1
Toluene	<0.11		0.50	0.11	ug/L			03/14/13 19:00	1
trans-1,2-Dichloroethene	<0.25		1.0	0.25	ug/L			03/14/13 19:00	1
trans-1,3-Dichloropropene	<0.21		1.0	0.21	ug/L			03/14/13 19:00	1
Trichloroethene	<0.19		0.50	0.19	ug/L			03/14/13 19:00	1
Trichlorofluoromethane	<0.19		1.0	0.19	ug/L			03/14/13 19:00	1
Vinyl chloride	<0.10		0.50	0.10	ug/L			03/14/13 19:00	1
Xylenes, Total	<0.068		1.0	0.068	ug/L			03/14/13 19:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*75 - 125*		*03/14/13 19:00*	*1*
4-Bromofluorobenzene (Surr)	*91*		*75 - 120*		*03/14/13 19:00*	*1*
Dibromofluoromethane	*97*		*75 - 120*		*03/14/13 19:00*	*1*
Toluene-d8 (Surr)	*97*		*75 - 120*		*03/14/13 19:00*	*1*

Qualifiers

GC/MS VOA

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

GC/MS Semi VOA

Qualifier	Qualifier Description
*	RPD of the LCS and LCSD 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.

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)

GC/MS VOA

Analysis Batch: 179856

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-55081-1	MW-111	Total/NA	Water	8260B	
500-55081-1 MS	MW-111	Total/NA	Water	8260B	
500-55081-1 MSD	MW-111	Total/NA	Water	8260B	
500-55081-2	P-110	Total/NA	Water	8260B	
500-55081-2 - DL	P-110	Total/NA	Water	8260B	
500-55081-6	MW-105	Total/NA	Water	8260B	
500-55081-7	MW-108	Total/NA	Water	8260B	
500-55081-8	MW-116	Total/NA	Water	8260B	
500-55081-9	P-121	Total/NA	Water	8260B	
500-55081-10	MW-115	Total/NA	Water	8260B	
500-55081-11	P-113	Total/NA	Water	8260B	
500-55081-12	MW-112	Total/NA	Water	8260B	
500-55081-13	MW-1	Total/NA	Water	8260B	
500-55081-14	MW-118	Total/NA	Water	8260B	
500-55081-15	MW-118 Dup	Total/NA	Water	8260B	
500-55081-16	MW-119	Total/NA	Water	8260B	
500-55081-17	Trip Blank	Total/NA	Water	8260B	
LCS 500-179856/4	Lab Control Sample	Total/NA	Water	8260B	
MB 500-179856/6	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 179988

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-55081-3	P-103	Total/NA	Water	8260B	
500-55081-4	MW-102	Total/NA	Water	8260B	
500-55081-5	MW-104	Total/NA	Water	8260B	
LCS 500-179988/4	Lab Control Sample	Total/NA	Water	8260B	
MB 500-179988/6	Method Blank	Total/NA	Water	8260B	

GC/MS Semi VOA

Prep Batch: 179742

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-55081-1	MW-111	Total/NA	Water	3510C	
500-55081-2	P-110	Total/NA	Water	3510C	
500-55081-2 - DL	P-110	Total/NA	Water	3510C	
500-55081-3	P-103	Total/NA	Water	3510C	
500-55081-4	MW-102	Total/NA	Water	3510C	
500-55081-5	MW-104	Total/NA	Water	3510C	
500-55081-6	MW-105	Total/NA	Water	3510C	
500-55081-7	MW-108	Total/NA	Water	3510C	
500-55081-8	MW-116	Total/NA	Water	3510C	
500-55081-9	P-121	Total/NA	Water	3510C	
500-55081-10	MW-115	Total/NA	Water	3510C	
500-55081-11	P-113	Total/NA	Water	3510C	
500-55081-12	MW-112	Total/NA	Water	3510C	
500-55081-13	MW-1	Total/NA	Water	3510C	
500-55081-14	MW-118	Total/NA	Water	3510C	
500-55081-15	MW-118 Dup	Total/NA	Water	3510C	
500-55081-16	MW-119	Total/NA	Water	3510C	
LCS 500-179742/2-A	Lab Control Sample	Total/NA	Water	3510C	

GC/MS Semi VOA (Continued)

Prep Batch: 179742 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 500-179742/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
MB 500-179742/1-A	Method Blank	Total/NA	Water	3510C	

Analysis Batch: 179878

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-55081-1	MW-111	Total/NA	Water	8270D	179742
500-55081-2	P-110	Total/NA	Water	8270D	179742
500-55081-3	P-103	Total/NA	Water	8270D	179742
500-55081-4	MW-102	Total/NA	Water	8270D	179742
500-55081-5	MW-104	Total/NA	Water	8270D	179742
500-55081-6	MW-105	Total/NA	Water	8270D	179742
500-55081-7	MW-108	Total/NA	Water	8270D	179742
500-55081-8	MW-116	Total/NA	Water	8270D	179742
500-55081-9	P-121	Total/NA	Water	8270D	179742
500-55081-10	MW-115	Total/NA	Water	8270D	179742
500-55081-11	P-113	Total/NA	Water	8270D	179742
500-55081-12	MW-112	Total/NA	Water	8270D	179742
500-55081-13	MW-1	Total/NA	Water	8270D	179742
500-55081-14	MW-118	Total/NA	Water	8270D	179742
500-55081-15	MW-118 Dup	Total/NA	Water	8270D	179742
500-55081-16	MW-119	Total/NA	Water	8270D	179742
LCS 500-179742/2-A	Lab Control Sample	Total/NA	Water	8270D	179742
LCSD 500-179742/3-A	Lab Control Sample Dup	Total/NA	Water	8270D	179742
MB 500-179742/1-A	Method Blank	Total/NA	Water	8270D	179742

Analysis Batch: 180036

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-55081-2 - DL	P-110	Total/NA	Water	8270D	179742

Surrogate Summary

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek -117-2201289.02

TestAmerica Job ID: 500-55081-1

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

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		12DCE	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(75-125)	(75-120)	(75-120)	(75-120)
500-55081-1	MW-111	110	91	96	97
500-55081-1 MS	MW-111	110	92	98	97
500-55081-1 MSD	MW-111	112	91	95	95
500-55081-2	P-110	108	91	96	97
500-55081-2 - DL	P-110	109	89	95	96
500-55081-3	P-103	112	93	96	98
500-55081-4	MW-102	111	92	95	96
500-55081-5	MW-104	113	92	94	96
500-55081-6	MW-105	109	90	96	95
500-55081-7	MW-108	110	89	95	95
500-55081-8	MW-116	112	91	99	97
500-55081-9	P-121	113	90	99	96
500-55081-10	MW-115	109	87	97	95
500-55081-11	P-113	113	93	102	98
500-55081-12	MW-112	109	91	97	97
500-55081-13	MW-1	114	91	97	95
500-55081-14	MW-118	110	90	96	96
500-55081-15	MW-118 Dup	111	91	101	96
500-55081-16	MW-119	109	89	97	92
500-55081-17	Trip Blank	111	91	97	97
LCS 500-179856/4	Lab Control Sample	107	92	94	97
LCS 500-179988/4	Lab Control Sample	112	91	94	97
MB 500-179856/6	Method Blank	112	92	96	97
MB 500-179988/6	Method Blank	111	92	94	96

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: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)		
		FBP	NBZ	TPH
Lab Sample ID	Client Sample ID	(48-110)	(41-110)	(44-132)
500-55081-1	MW-111	79	96	95
500-55081-2	P-110	72	88	89
500-55081-2 - DL	P-110	91	73	111
500-55081-3	P-103	81	91	91
500-55081-4	MW-102	76	89	90
500-55081-5	MW-104	86	91	95
500-55081-6	MW-105	77	93	93
500-55081-7	MW-108	83	88	92
500-55081-8	MW-116	77	94	94
500-55081-9	P-121	71	88	89
500-55081-10	MW-115	79	95	92
500-55081-11	P-113	78	96	91

Surrogate Summary

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek -117-2201289.02

TestAmerica Job ID: 500-55081-1

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

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		FBP	NBZ	TPH
Lab Sample ID	Client Sample ID	(48-110)	(41-110)	(44-132)
500-55081-12	MW-112	74	92	90
500-55081-13	MW-1	76	91	91
500-55081-14	MW-118	75	89	87
500-55081-15	MW-118 Dup	80	97	81
500-55081-16	MW-119	75	91	89
LCS 500-179742/2-A	Lab Control Sample	67	86	97
LCSD 500-179742/3-A	Lab Control Sample Dup	78	98	99
MB 500-179742/1-A	Method Blank	79	99	94

Surrogate Legend

FBP = 2-Fluorobiphenyl
NBZ = Nitrobenzene-d5 (Surr)
TPH = Terphenyl-d14 (Surr)

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

Lab Sample ID: MB 500-179856/6
Matrix: Water
Analysis Batch: 179856

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	<0.25		1.0	0.25	ug/L			03/14/13 09:55	1
1,1,1-Trichloroethane	<0.20		1.0	0.20	ug/L			03/14/13 09:55	1
1,1,2,2-Tetrachloroethane	<0.23		1.0	0.23	ug/L			03/14/13 09:55	1
1,1,2-Trichloroethane	<0.28		1.0	0.28	ug/L			03/14/13 09:55	1
1,1-Dichloroethane	<0.19		1.0	0.19	ug/L			03/14/13 09:55	1
1,1-Dichloroethene	<0.31		1.0	0.31	ug/L			03/14/13 09:55	1
1,1-Dichloropropene	<0.34		1.0	0.34	ug/L			03/14/13 09:55	1
1,2,3-Trichlorobenzene	<0.24		1.0	0.24	ug/L			03/14/13 09:55	1
1,2,3-Trichloropropane	<0.45		1.0	0.45	ug/L			03/14/13 09:55	1
1,2,4-Trichlorobenzene	<0.31		1.0	0.31	ug/L			03/14/13 09:55	1
1,2,4-Trimethylbenzene	<0.14		1.0	0.14	ug/L			03/14/13 09:55	1
1,2-Dibromo-3-Chloropropane	<0.87		2.0	0.87	ug/L			03/14/13 09:55	1
1,2-Dibromoethane	<0.36		1.0	0.36	ug/L			03/14/13 09:55	1
1,2-Dichlorobenzene	<0.27		1.0	0.27	ug/L			03/14/13 09:55	1
1,2-Dichloroethane	<0.28		1.0	0.28	ug/L			03/14/13 09:55	1
1,2-Dichloropropane	<0.20		1.0	0.20	ug/L			03/14/13 09:55	1
1,3,5-Trimethylbenzene	<0.18		1.0	0.18	ug/L			03/14/13 09:55	1
1,3-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/14/13 09:55	1
1,3-Dichloropropane	<0.13		1.0	0.13	ug/L			03/14/13 09:55	1
1,4-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/14/13 09:55	1
2,2-Dichloropropane	<0.32		1.0	0.32	ug/L			03/14/13 09:55	1
2-Chlorotoluene	<0.21		1.0	0.21	ug/L			03/14/13 09:55	1
4-Chlorotoluene	<0.20		1.0	0.20	ug/L			03/14/13 09:55	1
Benzene	<0.074		0.50	0.074	ug/L			03/14/13 09:55	1
Bromobenzene	<0.25		1.0	0.25	ug/L			03/14/13 09:55	1
Bromochloromethane	<0.40		1.0	0.40	ug/L			03/14/13 09:55	1
Bromodichloromethane	<0.17		1.0	0.17	ug/L			03/14/13 09:55	1
Bromoform	<0.28		1.0	0.28	ug/L			03/14/13 09:55	1
Bromomethane	<0.31		1.0	0.31	ug/L			03/14/13 09:55	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/L			03/14/13 09:55	1
Chlorobenzene	<0.14		1.0	0.14	ug/L			03/14/13 09:55	1
Chloroethane	<0.34		1.0	0.34	ug/L			03/14/13 09:55	1
Chloroform	<0.20		1.0	0.20	ug/L			03/14/13 09:55	1
Chloromethane	<0.18		1.0	0.18	ug/L			03/14/13 09:55	1
cis-1,2-Dichloroethene	<0.12		1.0	0.12	ug/L			03/14/13 09:55	1
cis-1,3-Dichloropropene	<0.18		1.0	0.18	ug/L			03/14/13 09:55	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			03/14/13 09:55	1
Dibromomethane	<0.33		1.0	0.33	ug/L			03/14/13 09:55	1
Dichlorodifluoromethane	<0.20		1.0	0.20	ug/L			03/14/13 09:55	1
Ethylbenzene	<0.13		0.50	0.13	ug/L			03/14/13 09:55	1
Hexachlorobutadiene	<0.26		1.0	0.26	ug/L			03/14/13 09:55	1
Isopropyl ether	<0.15		1.0	0.15	ug/L			03/14/13 09:55	1
Isopropylbenzene	<0.14		1.0	0.14	ug/L			03/14/13 09:55	1
Methyl tert-butyl ether	<0.24		1.0	0.24	ug/L			03/14/13 09:55	1
Methylene Chloride	<0.68		5.0	0.68	ug/L			03/14/13 09:55	1
Naphthalene	<0.16		1.0	0.16	ug/L			03/14/13 09:55	1
n-Butylbenzene	<0.13		1.0	0.13	ug/L			03/14/13 09:55	1
N-Propylbenzene	<0.13		1.0	0.13	ug/L			03/14/13 09:55	1

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

Lab Sample ID: MB 500-179856/6
Matrix: Water
Analysis Batch: 179856

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
p-Isopropyltoluene	<0.17		1.0	0.17	ug/L			03/14/13 09:55	1
sec-Butylbenzene	<0.15		1.0	0.15	ug/L			03/14/13 09:55	1
Styrene	<0.10		1.0	0.10	ug/L			03/14/13 09:55	1
tert-Butylbenzene	<0.14		1.0	0.14	ug/L			03/14/13 09:55	1
Tetrachloroethene	<0.17		1.0	0.17	ug/L			03/14/13 09:55	1
Toluene	<0.11		0.50	0.11	ug/L			03/14/13 09:55	1
trans-1,2-Dichloroethene	<0.25		1.0	0.25	ug/L			03/14/13 09:55	1
trans-1,3-Dichloropropene	<0.21		1.0	0.21	ug/L			03/14/13 09:55	1
Trichloroethene	<0.19		0.50	0.19	ug/L			03/14/13 09:55	1
Trichlorofluoromethane	<0.19		1.0	0.19	ug/L			03/14/13 09:55	1
Vinyl chloride	<0.10		0.50	0.10	ug/L			03/14/13 09:55	1
Xylenes, Total	<0.068		1.0	0.068	ug/L			03/14/13 09:55	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*75 - 125*		*03/14/13 09:55*	*1*
4-Bromofluorobenzene (Surr)	*92*		*75 - 120*		*03/14/13 09:55*	*1*
Dibromofluoromethane	*96*		*75 - 120*		*03/14/13 09:55*	*1*
Toluene-d8 (Surr)	*97*		*75 - 120*		*03/14/13 09:55*	*1*

Lab Sample ID: LCS 500-179856/4
Matrix: Water
Analysis Batch: 179856

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	46.1		ug/L		92	75 - 120
1,1,1-Trichloroethane	50.0	46.5		ug/L		93	70 - 123
1,1,2,2-Tetrachloroethane	50.0	47.5		ug/L		95	70 - 128
1,1,2-Trichloroethane	50.0	45.8		ug/L		92	69 - 120
1,1-Dichloroethane	50.0	47.2		ug/L		94	68 - 121
1,1-Dichloroethene	50.0	39.5		ug/L		79	58 - 122
1,1-Dichloropropene	50.0	42.5		ug/L		85	70 - 120
1,2,3-Trichlorobenzene	50.0	49.6		ug/L		99	56 - 137
1,2,3-Trichloropropane	50.0	45.5		ug/L		91	70 - 120
1,2,4-Trichlorobenzene	50.0	47.3		ug/L		95	65 - 121
1,2,4-Trimethylbenzene	50.0	45.1		ug/L		90	75 - 121
1,2-Dibromo-3-Chloropropane	50.0	47.7		ug/L		95	60 - 121
1,2-Dibromoethane	50.0	47.8		ug/L		96	70 - 120
1,2-Dichlorobenzene	50.0	43.7		ug/L		87	75 - 120
1,2-Dichloroethane	50.0	51.7		ug/L		103	69 - 120
1,2-Dichloropropane	50.0	50.8		ug/L		102	70 - 120
1,3,5-Trimethylbenzene	50.0	46.1		ug/L		92	75 - 123
1,3-Dichlorobenzene	50.0	42.9		ug/L		86	70 - 120
1,3-Dichloropropane	50.0	47.3		ug/L		95	70 - 120
1,4-Dichlorobenzene	50.0	46.0		ug/L		92	75 - 120
2,2-Dichloropropane	50.0	42.5		ug/L		85	67 - 125
2-Chlorotoluene	50.0	42.2		ug/L		84	70 - 120
4-Chlorotoluene	50.0	41.3		ug/L		83	70 - 120
Benzene	50.0	43.6		ug/L		87	70 - 120

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

Lab Sample ID: LCS 500-179856/4
Matrix: Water
Analysis Batch: 179856

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromobenzene	50.0	47.4		ug/L		95	70 - 120
Bromochloromethane	50.0	46.3		ug/L		93	67 - 122
Bromodichloromethane	50.0	45.9		ug/L		92	70 - 120
Bromoform	50.0	48.8		ug/L		98	70 - 125
Bromomethane	50.0	72.0		ug/L		144	50 - 150
Carbon tetrachloride	50.0	45.7		ug/L		91	70 - 125
Chlorobenzene	50.0	44.0		ug/L		88	70 - 120
Chloroethane	50.0	67.5		ug/L		135	50 - 150
Chloroform	50.0	45.7		ug/L		91	70 - 120
Chloromethane	50.0	49.9		ug/L		100	50 - 134
cis-1,2-Dichloroethene	50.0	44.1		ug/L		88	70 - 120
cis-1,3-Dichloropropene	53.8	50.8		ug/L		95	70 - 120
Dibromochloromethane	50.0	47.1		ug/L		94	70 - 120
Dibromomethane	50.0	47.9		ug/L		96	70 - 120
Dichlorodifluoromethane	50.0	54.1		ug/L		108	40 - 140
Ethylbenzene	50.0	45.3		ug/L		91	75 - 120
Hexachlorobutadiene	50.0	49.0		ug/L		98	70 - 135
Isopropylbenzene	50.0	42.0		ug/L		84	70 - 120
Methyl tert-butyl ether	50.0	46.2		ug/L		92	58 - 122
Methylene Chloride	50.0	42.3		ug/L		85	65 - 125
Naphthalene	50.0	46.1		ug/L		92	55 - 132
n-Butylbenzene	50.0	44.8		ug/L		90	75 - 120
N-Propylbenzene	50.0	41.5		ug/L		83	70 - 120
p-Isopropyltoluene	50.0	42.5		ug/L		85	70 - 120
sec-Butylbenzene	50.0	42.8		ug/L		86	70 - 120
Styrene	50.0	46.3		ug/L		93	75 - 120
tert-Butylbenzene	50.0	42.7		ug/L		85	70 - 120
Tetrachloroethene	50.0	47.7		ug/L		95	70 - 123
Toluene	50.0	45.7		ug/L		91	70 - 120
trans-1,2-Dichloroethene	50.0	43.5		ug/L		87	70 - 124
trans-1,3-Dichloropropene	48.6	47.2		ug/L		97	70 - 120
Trichloroethene	50.0	46.2		ug/L		92	70 - 120
Trichlorofluoromethane	50.0	62.0		ug/L		124	63 - 134
Vinyl chloride	50.0	51.1		ug/L		102	62 - 138
Xylenes, Total	150	126		ug/L		84	70 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*107*		*75 - 125*
4-Bromofluorobenzene (Surr)	*92*		*75 - 120*
Dibromofluoromethane	*94*		*75 - 120*
Toluene-d8 (Surr)	*97*		*75 - 120*

Lab Sample ID: 500-55081-1 MS
Matrix: Water
Analysis Batch: 179856

Client Sample ID: MW-111
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	<0.25		50.0	45.7		ug/L		91	75 - 120

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

Lab Sample ID: 500-55081-1 MS
Matrix: Water
Analysis Batch: 179856

Client Sample ID: MW-111
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	<0.20		50.0	46.5		ug/L		93	70 - 123
1,1,2,2-Tetrachloroethane	<0.23		50.0	47.8		ug/L		96	70 - 128
1,1,2-Trichloroethane	<0.28		50.0	47.5		ug/L		95	69 - 120
1,1-Dichloroethane	<0.19		50.0	48.7		ug/L		97	68 - 121
1,1-Dichloroethene	<0.31		50.0	41.1		ug/L		82	58 - 122
1,1-Dichloropropene	<0.34		50.0	43.9		ug/L		88	70 - 120
1,2,3-Trichlorobenzene	<0.24		50.0	48.6		ug/L		97	56 - 137
1,2,3-Trichloropropane	<0.45		50.0	46.8		ug/L		94	70 - 120
1,2,4-Trichlorobenzene	<0.31		50.0	45.0		ug/L		90	65 - 121
1,2,4-Trimethylbenzene	<0.14		50.0	44.6		ug/L		89	75 - 121
1,2-Dibromo-3-Chloropropane	<0.87		50.0	50.1		ug/L		100	60 - 121
1,2-Dibromoethane	<0.36		50.0	48.4		ug/L		97	70 - 120
1,2-Dichlorobenzene	<0.27		50.0	43.6		ug/L		87	75 - 120
1,2-Dichloroethane	<0.28		50.0	52.7		ug/L		105	69 - 120
1,2-Dichloropropane	<0.20		50.0	50.5		ug/L		101	70 - 120
1,3,5-Trimethylbenzene	<0.18		50.0	45.3		ug/L		91	75 - 123
1,3-Dichlorobenzene	<0.15		50.0	42.0		ug/L		84	70 - 120
1,3-Dichloropropane	<0.13		50.0	48.3		ug/L		97	70 - 120
1,4-Dichlorobenzene	<0.15		50.0	45.1		ug/L		90	75 - 120
2,2-Dichloropropane	<0.32		50.0	41.8		ug/L		84	67 - 125
2-Chlorotoluene	<0.21		50.0	41.0		ug/L		82	70 - 120
4-Chlorotoluene	<0.20		50.0	39.5		ug/L		79	70 - 120
Benzene	<0.074		50.0	43.4		ug/L		87	70 - 120
Bromobenzene	<0.25		50.0	46.5		ug/L		93	70 - 120
Bromochloromethane	<0.40		50.0	49.1		ug/L		98	67 - 122
Bromodichloromethane	<0.17		50.0	46.4		ug/L		93	70 - 120
Bromoform	<0.28		50.0	48.8		ug/L		98	70 - 125
Bromomethane	<0.31		50.0	79.0	F	ug/L		158	50 - 150
Carbon tetrachloride	<0.26		50.0	46.1		ug/L		92	70 - 125
Chlorobenzene	<0.14		50.0	43.5		ug/L		87	70 - 120
Chloroethane	<0.34		50.0	67.1		ug/L		134	50 - 150
Chloroform	<0.20		50.0	47.7		ug/L		95	70 - 120
Chloromethane	<0.18		50.0	49.9		ug/L		100	50 - 134
cis-1,2-Dichloroethene	<0.12		50.0	45.2		ug/L		90	70 - 120
cis-1,3-Dichloropropene	<0.18		53.8	49.5		ug/L		92	70 - 120
Dibromochloromethane	<0.32		50.0	46.5		ug/L		93	70 - 120
Dibromomethane	<0.33		50.0	48.1		ug/L		96	70 - 120
Dichlorodifluoromethane	<0.20		50.0	54.0		ug/L		108	40 - 140
Ethylbenzene	<0.13		50.0	44.5		ug/L		89	75 - 120
Hexachlorobutadiene	<0.26		50.0	47.7		ug/L		95	70 - 135
Isopropylbenzene	<0.14		50.0	41.4		ug/L		83	70 - 120
Methyl tert-butyl ether	<0.24		50.0	47.4		ug/L		95	58 - 122
Methylene Chloride	<0.68		50.0	44.1		ug/L		88	65 - 125
Naphthalene	<0.16		50.0	46.9		ug/L		94	55 - 132
n-Butylbenzene	<0.13		50.0	43.1		ug/L		86	75 - 120
N-Propylbenzene	<0.13		50.0	40.5		ug/L		81	70 - 120
p-Isopropyltoluene	<0.17		50.0	41.2		ug/L		82	70 - 120
sec-Butylbenzene	<0.15		50.0	42.0		ug/L		84	70 - 120

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

Lab Sample ID: 500-55081-1 MS
Matrix: Water
Analysis Batch: 179856

Client Sample ID: MW-111
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Styrene	<0.10		50.0	45.6		ug/L		91	75 - 120
tert-Butylbenzene	<0.14		50.0	42.4		ug/L		85	70 - 120
Tetrachloroethene	<0.17		50.0	46.1		ug/L		92	70 - 123
Toluene	<0.11		50.0	45.4		ug/L		91	70 - 120
trans-1,2-Dichloroethene	<0.25		50.0	44.0		ug/L		88	70 - 124
trans-1,3-Dichloropropene	<0.21		48.6	45.2		ug/L		93	70 - 120
Trichloroethene	<0.19		50.0	45.6		ug/L		91	70 - 120
Trichlorofluoromethane	<0.19		50.0	63.6		ug/L		127	63 - 134
Vinyl chloride	<0.10		50.0	51.7		ug/L		103	62 - 138
Xylenes, Total	<0.068		150	125		ug/L		83	70 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*110*		*75 - 125*
4-Bromofluorobenzene (Surr)	*92*		*75 - 120*
Dibromofluoromethane	*98*		*75 - 120*
Toluene-d8 (Surr)	*97*		*75 - 120*

Lab Sample ID: 500-55081-1 MSD
Matrix: Water
Analysis Batch: 179856

Client Sample ID: MW-111
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	<0.25		50.0	46.5		ug/L		93	75 - 120	2	20
1,1,1-Trichloroethane	<0.20		50.0	46.4		ug/L		93	70 - 123	0	20
1,1,2,2-Tetrachloroethane	<0.23		50.0	48.2		ug/L		96	70 - 128	1	20
1,1,2-Trichloroethane	<0.28		50.0	47.8		ug/L		96	69 - 120	1	20
1,1-Dichloroethane	<0.19		50.0	47.8		ug/L		96	68 - 121	2	20
1,1-Dichloroethene	<0.31		50.0	40.1		ug/L		80	58 - 122	2	20
1,1-Dichloropropene	<0.34		50.0	42.6		ug/L		85	70 - 120	3	20
1,2,3-Trichlorobenzene	<0.24		50.0	49.3		ug/L		99	56 - 137	1	20
1,2,3-Trichloropropane	<0.45		50.0	47.7		ug/L		95	70 - 120	2	20
1,2,4-Trichlorobenzene	<0.31		50.0	45.1		ug/L		90	65 - 121	0	20
1,2,4-Trimethylbenzene	<0.14		50.0	44.2		ug/L		88	75 - 121	1	20
1,2-Dibromo-3-Chloropropane	<0.87		50.0	46.5		ug/L		93	60 - 121	8	20
1,2-Dibromoethane	<0.36		50.0	48.4		ug/L		97	70 - 120	0	20
1,2-Dichlorobenzene	<0.27		50.0	43.4		ug/L		87	75 - 120	0	20
1,2-Dichloroethane	<0.28		50.0	52.5		ug/L		105	69 - 120	0	20
1,2-Dichloropropane	<0.20		50.0	49.9		ug/L		100	70 - 120	1	20
1,3,5-Trimethylbenzene	<0.18		50.0	44.9		ug/L		90	75 - 123	1	20
1,3-Dichlorobenzene	<0.15		50.0	41.7		ug/L		83	70 - 120	1	20
1,3-Dichloropropane	<0.13		50.0	48.6		ug/L		97	70 - 120	1	20
1,4-Dichlorobenzene	<0.15		50.0	45.8		ug/L		92	75 - 120	2	20
2,2-Dichloropropane	<0.32		50.0	41.4		ug/L		83	67 - 125	1	20
2-Chlorotoluene	<0.21		50.0	41.0		ug/L		82	70 - 120	0	20
4-Chlorotoluene	<0.20		50.0	40.2		ug/L		80	70 - 120	2	20
Benzene	<0.074		50.0	43.1		ug/L		86	70 - 120	1	20
Bromobenzene	<0.25		50.0	47.5		ug/L		95	70 - 120	2	20
Bromochloromethane	<0.40		50.0	48.4		ug/L		97	67 - 122	2	20

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

Lab Sample ID: 500-55081-1 MSD
Matrix: Water
Analysis Batch: 179856

Client Sample ID: MW-111
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Bromodichloromethane	<0.17		50.0	46.5		ug/L		93	70 - 120	0	20
Bromoform	<0.28		50.0	50.5		ug/L		101	70 - 125	3	20
Bromomethane	<0.31		50.0	85.1	F	ug/L		170	50 - 150	7	20
Carbon tetrachloride	<0.26		50.0	44.3		ug/L		89	70 - 125	4	20
Chlorobenzene	<0.14		50.0	43.5		ug/L		87	70 - 120	0	20
Chloroethane	<0.34		50.0	65.1		ug/L		130	50 - 150	3	20
Chloroform	<0.20		50.0	47.2		ug/L		94	70 - 120	1	20
Chloromethane	<0.18		50.0	51.5		ug/L		103	50 - 134	3	20
cis-1,2-Dichloroethene	<0.12		50.0	44.8		ug/L		90	70 - 120	1	20
cis-1,3-Dichloropropene	<0.18		53.8	49.5		ug/L		92	70 - 120	0	20
Dibromochloromethane	<0.32		50.0	47.3		ug/L		95	70 - 120	2	20
Dibromomethane	<0.33		50.0	48.3		ug/L		97	70 - 120	0	20
Dichlorodifluoromethane	<0.20		50.0	53.8		ug/L		108	40 - 140	0	20
Ethylbenzene	<0.13		50.0	44.0		ug/L		88	75 - 120	1	20
Hexachlorobutadiene	<0.26		50.0	48.2		ug/L		96	70 - 135	1	20
Isopropylbenzene	<0.14		50.0	41.4		ug/L		83	70 - 120	0	20
Methyl tert-butyl ether	<0.24		50.0	48.0		ug/L		96	58 - 122	1	20
Methylene Chloride	<0.68		50.0	43.0		ug/L		86	65 - 125	2	20
Naphthalene	<0.16		50.0	48.1		ug/L		96	55 - 132	3	20
n-Butylbenzene	<0.13		50.0	42.7		ug/L		85	75 - 120	1	20
N-Propylbenzene	<0.13		50.0	40.2		ug/L		80	70 - 120	1	20
p-Isopropyltoluene	<0.17		50.0	41.0		ug/L		82	70 - 120	1	20
sec-Butylbenzene	<0.15		50.0	41.8		ug/L		84	70 - 120	1	20
Styrene	<0.10		50.0	46.4		ug/L		93	75 - 120	2	20
tert-Butylbenzene	<0.14		50.0	42.4		ug/L		85	70 - 120	0	20
Tetrachloroethene	<0.17		50.0	46.6		ug/L		93	70 - 123	1	20
Toluene	<0.11		50.0	44.5		ug/L		89	70 - 120	2	20
trans-1,2-Dichloroethene	<0.25		50.0	43.5		ug/L		87	70 - 124	1	20
trans-1,3-Dichloropropene	<0.21		48.6	45.9		ug/L		94	70 - 120	2	20
Trichloroethene	<0.19		50.0	44.5		ug/L		89	70 - 120	2	20
Trichlorofluoromethane	<0.19		50.0	62.4		ug/L		125	63 - 134	2	20
Vinyl chloride	<0.10		50.0	51.6		ug/L		103	62 - 138	0	20
Xylenes, Total	<0.068		150	125		ug/L		83	70 - 120	0	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*112*		*75 - 125*
4-Bromofluorobenzene (Surr)	*91*		*75 - 120*
Dibromofluoromethane	*95*		*75 - 120*
Toluene-d8 (Surr)	*95*		*75 - 120*

Lab Sample ID: MB 500-179988/6
Matrix: Water
Analysis Batch: 179988

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	<0.25		1.0	0.25	ug/L			03/15/13 09:51	1
1,1,1-Trichloroethane	<0.20		1.0	0.20	ug/L			03/15/13 09:51	1
1,1,2,2-Tetrachloroethane	<0.23		1.0	0.23	ug/L			03/15/13 09:51	1

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

Lab Sample ID: MB 500-179988/6
Matrix: Water
Analysis Batch: 179988

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	<0.28		1.0	0.28	ug/L			03/15/13 09:51	1
1,1-Dichloroethane	<0.19		1.0	0.19	ug/L			03/15/13 09:51	1
1,1-Dichloroethene	<0.31		1.0	0.31	ug/L			03/15/13 09:51	1
1,1-Dichloropropene	<0.34		1.0	0.34	ug/L			03/15/13 09:51	1
1,2,3-Trichlorobenzene	<0.24		1.0	0.24	ug/L			03/15/13 09:51	1
1,2,3-Trichloropropane	<0.45		1.0	0.45	ug/L			03/15/13 09:51	1
1,2,4-Trichlorobenzene	<0.31		1.0	0.31	ug/L			03/15/13 09:51	1
1,2,4-Trimethylbenzene	<0.14		1.0	0.14	ug/L			03/15/13 09:51	1
1,2-Dibromo-3-Chloropropane	<0.87		2.0	0.87	ug/L			03/15/13 09:51	1
1,2-Dibromoethane	<0.36		1.0	0.36	ug/L			03/15/13 09:51	1
1,2-Dichlorobenzene	<0.27		1.0	0.27	ug/L			03/15/13 09:51	1
1,2-Dichloroethane	<0.28		1.0	0.28	ug/L			03/15/13 09:51	1
1,2-Dichloropropane	<0.20		1.0	0.20	ug/L			03/15/13 09:51	1
1,3,5-Trimethylbenzene	<0.18		1.0	0.18	ug/L			03/15/13 09:51	1
1,3-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/15/13 09:51	1
1,3-Dichloropropane	<0.13		1.0	0.13	ug/L			03/15/13 09:51	1
1,4-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/15/13 09:51	1
2,2-Dichloropropane	<0.32		1.0	0.32	ug/L			03/15/13 09:51	1
2-Chlorotoluene	<0.21		1.0	0.21	ug/L			03/15/13 09:51	1
4-Chlorotoluene	<0.20		1.0	0.20	ug/L			03/15/13 09:51	1
Benzene	<0.074		0.50	0.074	ug/L			03/15/13 09:51	1
Bromobenzene	<0.25		1.0	0.25	ug/L			03/15/13 09:51	1
Bromochloromethane	<0.40		1.0	0.40	ug/L			03/15/13 09:51	1
Bromodichloromethane	<0.17		1.0	0.17	ug/L			03/15/13 09:51	1
Bromoform	<0.28		1.0	0.28	ug/L			03/15/13 09:51	1
Bromomethane	<0.31		1.0	0.31	ug/L			03/15/13 09:51	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/L			03/15/13 09:51	1
Chlorobenzene	<0.14		1.0	0.14	ug/L			03/15/13 09:51	1
Chloroethane	<0.34		1.0	0.34	ug/L			03/15/13 09:51	1
Chloroform	<0.20		1.0	0.20	ug/L			03/15/13 09:51	1
Chloromethane	<0.18		1.0	0.18	ug/L			03/15/13 09:51	1
cis-1,2-Dichloroethene	<0.12		1.0	0.12	ug/L			03/15/13 09:51	1
cis-1,3-Dichloropropene	<0.18		1.0	0.18	ug/L			03/15/13 09:51	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			03/15/13 09:51	1
Dibromomethane	<0.33		1.0	0.33	ug/L			03/15/13 09:51	1
Dichlorodifluoromethane	<0.20		1.0	0.20	ug/L			03/15/13 09:51	1
Ethylbenzene	<0.13		0.50	0.13	ug/L			03/15/13 09:51	1
Hexachlorobutadiene	<0.26		1.0	0.26	ug/L			03/15/13 09:51	1
Isopropyl ether	<0.15		1.0	0.15	ug/L			03/15/13 09:51	1
Isopropylbenzene	<0.14		1.0	0.14	ug/L			03/15/13 09:51	1
Methyl tert-butyl ether	<0.24		1.0	0.24	ug/L			03/15/13 09:51	1
Methylene Chloride	<0.68		5.0	0.68	ug/L			03/15/13 09:51	1
Naphthalene	<0.16		1.0	0.16	ug/L			03/15/13 09:51	1
n-Butylbenzene	<0.13		1.0	0.13	ug/L			03/15/13 09:51	1
N-Propylbenzene	<0.13		1.0	0.13	ug/L			03/15/13 09:51	1
p-Isopropyltoluene	<0.17		1.0	0.17	ug/L			03/15/13 09:51	1
sec-Butylbenzene	<0.15		1.0	0.15	ug/L			03/15/13 09:51	1
Styrene	<0.10		1.0	0.10	ug/L			03/15/13 09:51	1

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

Lab Sample ID: MB 500-179988/6
Matrix: Water
Analysis Batch: 179988

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/L			03/15/13 09:51	1
Tetrachloroethene	<0.17		1.0	0.17	ug/L			03/15/13 09:51	1
Toluene	<0.11		0.50	0.11	ug/L			03/15/13 09:51	1
trans-1,2-Dichloroethene	<0.25		1.0	0.25	ug/L			03/15/13 09:51	1
trans-1,3-Dichloropropene	<0.21		1.0	0.21	ug/L			03/15/13 09:51	1
Trichloroethene	<0.19		0.50	0.19	ug/L			03/15/13 09:51	1
Trichlorofluoromethane	<0.19		1.0	0.19	ug/L			03/15/13 09:51	1
Vinyl chloride	<0.10		0.50	0.10	ug/L			03/15/13 09:51	1
Xylenes, Total	<0.068		1.0	0.068	ug/L			03/15/13 09:51	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*75 - 125*		*03/15/13 09:51*	*1*
4-Bromofluorobenzene (Surr)	*92*		*75 - 120*		*03/15/13 09:51*	*1*
Dibromofluoromethane	*94*		*75 - 120*		*03/15/13 09:51*	*1*
Toluene-d8 (Surr)	*96*		*75 - 120*		*03/15/13 09:51*	*1*

Lab Sample ID: LCS 500-179988/4
Matrix: Water
Analysis Batch: 179988

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	44.7		ug/L		89	75 - 120
1,1,1-Trichloroethane	50.0	45.7		ug/L		91	70 - 123
1,1,2,2-Tetrachloroethane	50.0	48.1		ug/L		96	70 - 128
1,1,2-Trichloroethane	50.0	46.8		ug/L		94	69 - 120
1,1-Dichloroethane	50.0	47.2		ug/L		94	68 - 121
1,1-Dichloroethene	50.0	39.6		ug/L		79	58 - 122
1,1-Dichloropropene	50.0	43.0		ug/L		86	70 - 120
1,2,3-Trichlorobenzene	50.0	48.7		ug/L		97	56 - 137
1,2,3-Trichloropropane	50.0	46.6		ug/L		93	70 - 120
1,2,4-Trichlorobenzene	50.0	45.6		ug/L		91	65 - 121
1,2,4-Trimethylbenzene	50.0	44.1		ug/L		88	75 - 121
1,2-Dibromo-3-Chloropropane	50.0	48.2		ug/L		96	60 - 121
1,2-Dibromoethane	50.0	48.8		ug/L		98	70 - 120
1,2-Dichlorobenzene	50.0	43.0		ug/L		86	75 - 120
1,2-Dichloroethane	50.0	52.8		ug/L		106	69 - 120
1,2-Dichloropropane	50.0	50.1		ug/L		100	70 - 120
1,3,5-Trimethylbenzene	50.0	44.7		ug/L		89	75 - 123
1,3-Dichlorobenzene	50.0	41.3		ug/L		83	70 - 120
1,3-Dichloropropane	50.0	47.6		ug/L		95	70 - 120
1,4-Dichlorobenzene	50.0	45.1		ug/L		90	75 - 120
2,2-Dichloropropane	50.0	42.4		ug/L		85	67 - 125
2-Chlorotoluene	50.0	40.5		ug/L		81	70 - 120
4-Chlorotoluene	50.0	40.3		ug/L		81	70 - 120
Benzene	50.0	43.2		ug/L		86	70 - 120
Bromobenzene	50.0	45.8		ug/L		92	70 - 120
Bromochloromethane	50.0	46.5		ug/L		93	67 - 122
Bromodichloromethane	50.0	46.1		ug/L		92	70 - 120

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

Lab Sample ID: LCS 500-179988/4
Matrix: Water
Analysis Batch: 179988

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	49.6		ug/L		99	70 - 125
Bromomethane	50.0	69.0		ug/L		138	50 - 150
Carbon tetrachloride	50.0	45.1		ug/L		90	70 - 125
Chlorobenzene	50.0	42.7		ug/L		85	70 - 120
Chloroethane	50.0	58.3		ug/L		117	50 - 150
Chloroform	50.0	45.8		ug/L		92	70 - 120
Chloromethane	50.0	43.7		ug/L		87	50 - 134
cis-1,2-Dichloroethene	50.0	43.5		ug/L		87	70 - 120
cis-1,3-Dichloropropene	53.8	51.0		ug/L		95	70 - 120
Dibromochloromethane	50.0	45.9		ug/L		92	70 - 120
Dibromomethane	50.0	48.5		ug/L		97	70 - 120
Dichlorodifluoromethane	50.0	43.6		ug/L		87	40 - 140
Ethylbenzene	50.0	43.8		ug/L		88	75 - 120
Hexachlorobutadiene	50.0	47.5		ug/L		95	70 - 135
Isopropylbenzene	50.0	40.5		ug/L		81	70 - 120
Methyl tert-butyl ether	50.0	47.4		ug/L		95	58 - 122
Methylene Chloride	50.0	42.1		ug/L		84	65 - 125
Naphthalene	50.0	46.5		ug/L		93	55 - 132
n-Butylbenzene	50.0	43.5		ug/L		87	75 - 120
N-Propylbenzene	50.0	40.2		ug/L		80	70 - 120
p-Isopropyltoluene	50.0	41.2		ug/L		82	70 - 120
sec-Butylbenzene	50.0	41.4		ug/L		83	70 - 120
Styrene	50.0	45.4		ug/L		91	75 - 120
tert-Butylbenzene	50.0	41.4		ug/L		83	70 - 120
Tetrachloroethene	50.0	46.3		ug/L		93	70 - 123
Toluene	50.0	45.0		ug/L		90	70 - 120
trans-1,2-Dichloroethene	50.0	42.4		ug/L		85	70 - 124
trans-1,3-Dichloropropene	48.6	47.8		ug/L		98	70 - 120
Trichloroethene	50.0	45.1		ug/L		90	70 - 120
Trichlorofluoromethane	50.0	57.2		ug/L		114	63 - 134
Vinyl chloride	50.0	46.1		ug/L		92	62 - 138
Xylenes, Total	150	124		ug/L		82	70 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*112*		*75 - 125*
4-Bromofluorobenzene (Surr)	*91*		*75 - 120*
Dibromofluoromethane	*94*		*75 - 120*
Toluene-d8 (Surr)	*97*		*75 - 120*

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

Lab Sample ID: MB 500-179742/1-A
Matrix: Water
Analysis Batch: 179878

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 179742

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.19		0.80	0.19	ug/L		03/13/13 08:50	03/14/13 14:46	1
2-Methylnaphthalene	<0.067		0.40	0.067	ug/L		03/13/13 08:50	03/14/13 14:46	1

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

Lab Sample ID: MB 500-179742/1-A
Matrix: Water
Analysis Batch: 179878

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 179742

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.099		0.80	0.099	ug/L		03/13/13 08:50	03/14/13 14:46	1
Acenaphthylene	<0.11		0.80	0.11	ug/L		03/13/13 08:50	03/14/13 14:46	1
Anthracene	<0.15		0.80	0.15	ug/L		03/13/13 08:50	03/14/13 14:46	1
Benzo[a]anthracene	<0.052		0.16	0.052	ug/L		03/13/13 08:50	03/14/13 14:46	1
Benzo[a]pyrene	<0.061		0.16	0.061	ug/L		03/13/13 08:50	03/14/13 14:46	1
Benzo[b]fluoranthene	<0.065		0.16	0.065	ug/L		03/13/13 08:50	03/14/13 14:46	1
Benzo[g,h,i]perylene	<0.39		0.80	0.39	ug/L		03/13/13 08:50	03/14/13 14:46	1
Benzo[k]fluoranthene	<0.14		0.16	0.14	ug/L		03/13/13 08:50	03/14/13 14:46	1
Chrysene	<0.075		0.40	0.075	ug/L		03/13/13 08:50	03/14/13 14:46	1
Dibenz(a,h)anthracene	<0.091		0.24	0.091	ug/L		03/13/13 08:50	03/14/13 14:46	1
Fluoranthene	<0.16		0.80	0.16	ug/L		03/13/13 08:50	03/14/13 14:46	1
Fluorene	<0.13		0.80	0.13	ug/L		03/13/13 08:50	03/14/13 14:46	1
Indeno[1,2,3-cd]pyrene	<0.061		0.16	0.061	ug/L		03/13/13 08:50	03/14/13 14:46	1
Naphthalene	<0.12		0.80	0.12	ug/L		03/13/13 08:50	03/14/13 14:46	1
Phenanthrene	<0.17		0.80	0.17	ug/L		03/13/13 08:50	03/14/13 14:46	1
Pyrene	<0.18		0.80	0.18	ug/L		03/13/13 08:50	03/14/13 14:46	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*79*		*48 - 110*	*03/13/13 08:50*	*03/14/13 14:46*	*1*
Nitrobenzene-d5 (Surr)	*99*		*41 - 110*	*03/13/13 08:50*	*03/14/13 14:46*	*1*
Terphenyl-d14 (Surr)	*94*		*44 - 132*	*03/13/13 08:50*	*03/14/13 14:46*	*1*

Lab Sample ID: LCS 500-179742/2-A
Matrix: Water
Analysis Batch: 179878

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 179742

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Methylnaphthalene	40.0	20.7		ug/L		52	49 - 110
Acenaphthene	40.0	25.6		ug/L		64	60 - 110
Acenaphthylene	40.0	22.2	*	ug/L		55	62 - 110
Anthracene	40.0	28.0		ug/L		70	70 - 112
Benzo[a]anthracene	40.0	28.4	*	ug/L		71	74 - 115
Benzo[a]pyrene	40.0	29.6		ug/L		74	69 - 121
Benzo[b]fluoranthene	40.0	32.7		ug/L		82	66 - 121
Benzo[g,h,i]perylene	40.0	29.3		ug/L		73	70 - 131
Benzo[k]fluoranthene	40.0	26.5		ug/L		66	66 - 126
Chrysene	40.0	24.7	*	ug/L		62	75 - 115
Dibenz(a,h)anthracene	40.0	30.6		ug/L		76	66 - 131
Fluoranthene	40.0	27.1	*	ug/L		68	71 - 122
Fluorene	40.0	27.5		ug/L		69	62 - 112
Indeno[1,2,3-cd]pyrene	40.0	31.7		ug/L		79	70 - 131
Naphthalene	40.0	20.6		ug/L		52	48 - 110
Phenanthrene	40.0	29.2		ug/L		73	69 - 116
Pyrene	40.0	25.4	*	ug/L		64	65 - 128

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl	*67*		*48 - 110*

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

Lab Sample ID: LCS 500-179742/2-A
Matrix: Water
Analysis Batch: 179878

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 179742

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Nitrobenzene-d5 (Surr)	*86*		*41 - 110*
Terphenyl-d14 (Surr)	*97*		*44 - 132*

Lab Sample ID: LCSD 500-179742/3-A
Matrix: Water
Analysis Batch: 179878

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 179742

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2-Methylnaphthalene			40.0	25.6	*	ug/L		64	49 - 110	21	20
Acenaphthene			40.0	32.0	*	ug/L		80	60 - 110	22	20
Acenaphthylene			40.0	26.6		ug/L		67	62 - 110	18	20
Anthracene			40.0	30.8		ug/L		77	70 - 112	10	20
Benzo[a]anthracene			40.0	30.5		ug/L		76	74 - 115	7	20
Benzo[a]pyrene			40.0	31.8		ug/L		79	69 - 121	7	20
Benzo[b]fluoranthene			40.0	31.2		ug/L		78	66 - 121	5	20
Benzo[g,h,i]perylene			40.0	30.3		ug/L		76	70 - 131	3	20
Benzo[k]fluoranthene			40.0	36.6	*	ug/L		92	66 - 126	32	20
Chrysene			40.0	26.7	*	ug/L		67	75 - 115	8	20
Dibenz(a,h)anthracene			40.0	32.2		ug/L		80	66 - 131	5	20
Fluoranthene			40.0	29.9		ug/L		75	71 - 122	10	20
Fluorene			40.0	32.5		ug/L		81	62 - 112	17	20
Indeno[1,2,3-cd]pyrene			40.0	33.1		ug/L		83	70 - 131	4	20
Naphthalene			40.0	25.7	*	ug/L		64	48 - 110	22	20
Phenanthrene			40.0	32.4		ug/L		81	69 - 116	11	20
Pyrene			40.0	27.8		ug/L		69	65 - 128	9	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
2-Fluorobiphenyl	*78*		*48 - 110*
Nitrobenzene-d5 (Surr)	*98*		*41 - 110*
Terphenyl-d14 (Surr)	*99*		*44 - 132*

Lab Chronicle

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek -117-2201289.02

TestAmerica Job ID: 500-55081-1

Client Sample ID: MW-111

Lab Sample ID: 500-55081-1

Date Collected: 03/07/13 11:10
Matrix: Water
Date Received: 03/09/13 09:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	179856	03/14/13 11:57	BDA	TAL CHI
Total/NA	Prep	3510C			179742	03/13/13 08:50	DAK	TAL CHI
Total/NA	Analysis	8270D		1	179878	03/14/13 15:10	PMF	TAL CHI

Client Sample ID: P-110

Lab Sample ID: 500-55081-2

Date Collected: 03/07/13 11:45
Matrix: Water
Date Received: 03/09/13 09:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	179856	03/14/13 12:21	BDA	TAL CHI
Total/NA	Analysis	8260B	DL	10	179856	03/14/13 12:46	BDA	TAL CHI
Total/NA	Prep	3510C			179742	03/13/13 08:50	DAK	TAL CHI
Total/NA	Analysis	8270D		1	179878	03/14/13 15:47	PMF	TAL CHI
Total/NA	Prep	3510C	DL		179742	03/13/13 08:50	DAK	TAL CHI
Total/NA	Analysis	8270D	DL	10	180036	03/15/13 15:18	PMF	TAL CHI

Client Sample ID: P-103

Lab Sample ID: 500-55081-3

Date Collected: 03/07/13 12:45
Matrix: Water
Date Received: 03/09/13 09:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	179988	03/15/13 10:16	BDA	TAL CHI
Total/NA	Prep	3510C			179742	03/13/13 08:50	DAK	TAL CHI
Total/NA	Analysis	8270D		1	179878	03/14/13 16:11	PMF	TAL CHI

Client Sample ID: MW-102

Lab Sample ID: 500-55081-4

Date Collected: 03/07/13 13:05
Matrix: Water
Date Received: 03/09/13 09:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	179988	03/15/13 10:40	BDA	TAL CHI
Total/NA	Prep	3510C			179742	03/13/13 08:50	DAK	TAL CHI
Total/NA	Analysis	8270D		1	179878	03/14/13 16:35	PMF	TAL CHI

Client Sample ID: MW-104

Lab Sample ID: 500-55081-5

Date Collected: 03/07/13 13:25
Matrix: Water
Date Received: 03/09/13 09:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	179988	03/15/13 11:04	BDA	TAL CHI
Total/NA	Prep	3510C			179742	03/13/13 08:50	DAK	TAL CHI
Total/NA	Analysis	8270D		1	179878	03/14/13 16:59	PMF	TAL CHI

Client Sample ID: MW-105

Lab Sample ID: 500-55081-6

Date Collected: 03/07/13 13:55

Matrix: Water

Date Received: 03/09/13 09:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	179856	03/14/13 14:32	BDA	TAL CHI
Total/NA	Prep	3510C			179742	03/13/13 08:50	DAK	TAL CHI
Total/NA	Analysis	8270D		1	179878	03/14/13 17:23	PMF	TAL CHI

Client Sample ID: MW-108

Lab Sample ID: 500-55081-7

Date Collected: 03/07/13 14:35

Matrix: Water

Date Received: 03/09/13 09:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	179856	03/14/13 14:56	BDA	TAL CHI
Total/NA	Prep	3510C			179742	03/13/13 08:50	DAK	TAL CHI
Total/NA	Analysis	8270D		1	179878	03/14/13 17:46	PMF	TAL CHI

Client Sample ID: MW-116

Lab Sample ID: 500-55081-8

Date Collected: 03/07/13 14:55

Matrix: Water

Date Received: 03/09/13 09:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	179856	03/14/13 15:21	BDA	TAL CHI
Total/NA	Prep	3510C			179742	03/13/13 08:50	DAK	TAL CHI
Total/NA	Analysis	8270D		1	179878	03/14/13 18:10	PMF	TAL CHI

Client Sample ID: P-121

Lab Sample ID: 500-55081-9

Date Collected: 03/08/13 09:25

Matrix: Water

Date Received: 03/09/13 09:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	179856	03/14/13 15:45	BDA	TAL CHI
Total/NA	Prep	3510C			179742	03/13/13 08:50	DAK	TAL CHI
Total/NA	Analysis	8270D		1	179878	03/14/13 18:34	PMF	TAL CHI

Client Sample ID: MW-115

Lab Sample ID: 500-55081-10

Date Collected: 03/08/13 11:00

Matrix: Water

Date Received: 03/09/13 09:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	179856	03/14/13 16:10	BDA	TAL CHI
Total/NA	Prep	3510C			179742	03/13/13 08:50	DAK	TAL CHI
Total/NA	Analysis	8270D		1	179878	03/14/13 18:58	PMF	TAL CHI

Lab Chronicle

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek -117-2201289.02

TestAmerica Job ID: 500-55081-1

Client Sample ID: P-113

Lab Sample ID: 500-55081-11

Date Collected: 03/08/13 13:40
Date Received: 03/09/13 09:10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	179856	03/14/13 16:34	BDA	TAL CHI
Total/NA	Prep	3510C			179742	03/13/13 08:50	DAK	TAL CHI
Total/NA	Analysis	8270D		1	179878	03/14/13 19:22	PMF	TAL CHI

Client Sample ID: MW-112

Lab Sample ID: 500-55081-12

Date Collected: 03/08/13 13:55
Date Received: 03/09/13 09:10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	179856	03/14/13 16:58	BDA	TAL CHI
Total/NA	Prep	3510C			179742	03/13/13 08:50	DAK	TAL CHI
Total/NA	Analysis	8270D		1	179878	03/14/13 19:46	PMF	TAL CHI

Client Sample ID: MW-1

Lab Sample ID: 500-55081-13

Date Collected: 03/08/13 14:25
Date Received: 03/09/13 09:10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	179856	03/14/13 17:23	BDA	TAL CHI
Total/NA	Prep	3510C			179742	03/13/13 08:50	DAK	TAL CHI
Total/NA	Analysis	8270D		1	179878	03/14/13 20:10	PMF	TAL CHI

Client Sample ID: MW-118

Lab Sample ID: 500-55081-14

Date Collected: 03/08/13 11:35
Date Received: 03/09/13 09:10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	179856	03/14/13 17:47	BDA	TAL CHI
Total/NA	Prep	3510C			179742	03/13/13 08:50	DAK	TAL CHI
Total/NA	Analysis	8270D		1	179878	03/14/13 20:33	PMF	TAL CHI

Client Sample ID: MW-118 Dup

Lab Sample ID: 500-55081-15

Date Collected: 03/08/13 11:40
Date Received: 03/09/13 09:10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	179856	03/14/13 18:11	BDA	TAL CHI
Total/NA	Prep	3510C			179742	03/13/13 08:50	DAK	TAL CHI
Total/NA	Analysis	8270D		1	179878	03/14/13 20:57	PMF	TAL CHI

Lab Chronicle

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek -117-2201289.02

TestAmerica Job ID: 500-55081-1

Client Sample ID: MW-119

Lab Sample ID: 500-55081-16

Date Collected: 03/08/13 12:10
Date Received: 03/09/13 09:10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	179856	03/14/13 18:36	BDA	TAL CHI
Total/NA	Prep	3510C			179742	03/13/13 08:50	DAK	TAL CHI
Total/NA	Analysis	8270D		1	179878	03/14/13 21:21	PMF	TAL CHI

Client Sample ID: Trip Blank

Lab Sample ID: 500-55081-17

Date Collected: 03/07/13 00:00
Date Received: 03/09/13 09:10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	179856	03/14/13 19:00	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: 500-55081-1

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

Chain of Custody Record

Lab Job #: 500-55081

Chain of Custody Number:

Page 1 of 2

Temperature °C of Cooler: (2.4) (2.2)

Report To (optional)	Bill To (optional)
Contact: Mike Noel	Contact:
Company: TetraTech	Company:
Address: 175 N. Corporate Dr. Suite 160	Address:
Address: Brookfield, WI 53045	Address:
Phone: (262) 792-1282	Phone:
Fax: (262) 792-1310	Fax:
E-Mail:	PO#/Reference#

Client	Client Project #
TetraTech	117-2201289.02
Project Name	
Beazer Oak Creek	
Project Location/State	Lab Project #
Oak Creek, WI	
Sampler	Lab PM
Ashley A. Weimer	

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

Lab ID	MS/MSD	Sample ID	2013 Sampling Date	Time	# of Containers	Matrix	Preservative	1	8							Comments
							Parameter	VOCs 8260B	PAH LV1							
1		MW-111	3-7	11:10	5	W		✓	✓							
2		P-110		11:45	5			✓	✓							
3		P-103		12:45	5			✓	✓							
4		MW-102		13:05	5			✓	✓							
5		MW-104		13:25	5			✓	✓							
6		MW-105		13:55	5			✓	✓							
7		MW-108		14:35	5			✓	✓							
8		MW-116		14:55	5			✓	✓							
9		P-121	3-8	0925	5			✓	✓							
10		MW-115		11:00	5			✓	✓							

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 [X] 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
Ashley A. Weimer	TT	3-8-13	1700	JLT	TA	3/9/13	0910
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 = 7 day hold
2 COOLERS

Lab Comments:

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

2417 Bond Street, University Park, IL 60484
Phone: 708.534.5200 Fax: 708.534.5211

(optional)
Report To
Contact: Mike Noel
Company: TetraTech
Address: 175 N. Corporate Dr Suite
Address: Brookfield, WI 53045
Phone: (262)792-1282
Fax: (262)792-1310
E-Mail:

(optional)
Bill To
Contact:
Company:
Address:
Address:
Phone:
Fax:
PO#/Reference#

Chain of Custody Record

Lab Job #: 500-55081
Chain of Custody Number:
Page 2 of 2
Temperature °C of Cooler:

Client: TetraTech
Client Project #: 117-2201289.02
Project Name: Beazer Oak Creek
Project Location/State: Oak Creek, WI
Lab Project #:
Sampler: Ashley A. Weimer
Lab PM:

Preservative: 1 | 8
Parameter: VOCs 8260B | PAH LV1

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

Lab ID	MS/MSD	Sample ID	2013 Sampling Date	Time	# of Containers	Matrix	VOCs 8260B	PAH LV1	Comments
11		P-113	3-8	13:40	5	W	✓	✓	
12		MW-112		13:55	5		✓	✓	
13		MW-1		14:25	5		✓	✓	
14		MW-118		11:35	5		✓	✓	
15		MW-118 DUP		11:40	5		✓	✓	
16		MW-119	↓	12:10	5		✓	✓	
17		TRIP BLANK	—	—	2	↓	✓		Lab prepared

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 [X] 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
Ashley A. Weimer	TT	3-8-13	1700		TA	3/12/13	0910
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 = 7 day hold
2 COOLERS

Lab Comments:

Login Sample Receipt Checklist

Client: Tetra Tech GEO

Job Number: 500-55081-1

Login Number: 55081

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	2.4,2.2
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.	False	
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: 500-55200-1
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:
3/27/2013 3:39:44 PM

Sandie Fredrick
Project Manager I
sandie.fredrick@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.

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

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Job ID: 500-55200-1

Laboratory: TestAmerica Chicago

Narrative

Job Narrative
500-55200-1

Comments
No additional comments.

Receipt
The samples were received on 3/14/2013 10:20 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.1° C.

GC/MS VOA
Method(s) 8260B: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-107 (500-55200-5), MW-107 Dup (500-55200-6), MW-117 (500-55200-4), MW-2 (500-55200-1). Elevated reporting limits (RLs) are provided.

No other analytical or quality issues were noted.

GC/MS Semi VOA
Method(s) 8270D: The following sample(s) was diluted due to the abundance of target and non-target analytes: MW-107 (500-55200-5), MW-107 Dup (500-55200-6), MW-117 (500-55200-4), MW-2 (500-55200-1). 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: MW-107 (500-55200-5), MW-107 Dup (500-55200-6), MW-117 (500-55200-4), MW-2 (500-55200-1).

Method(s) 8270D: One surrogate recovery failed to meet control limits in the following samples MW-107 Dup (500-55200-6), MW-2 (500-55200-1) as well as the LCS and LCSD from preparation batch 179991. All surrogate recoveries were greater than 10%. No further action was required.MW-107 Dup (500-55200-6), MW-2 (500-55200-1)

Method(s) 8270D: A short list spike was utilized for this method. Due to the large number of spiked analytes, there is a high probability that one or more analytes will recover outside acceptance limits. The laboratory's SOP allows for 1 analytes to recover outside criteria for this method when a short list spike is utilized. The LCS/LCSD associated with batch 179991 had 1 analyte outside control limits: LCS with Benzo[g,h,i]perylene @69% (limits are 70-131%), and LCSD with Benzo[k]fluoranthene 2 138% (limits are 66-126%). This is within marginal exceedence; therefore, corrective action was not performed. These results have been reported and qualified. MW-101 (500-55200-2), MW-107 (500-55200-5), MW-107 Dup (500-55200-6), MW-117 (500-55200-4), MW-2 (500-55200-1), P-120 (500-55200-3)

Method(s) 8270D: Surrogate recovery for the following sample was outside control limits: MW-107 (500-55200-5). This is likely due to matrix interference.

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: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-55200-1

Client Sample ID: MW-2 — Lab Sample ID: 500-55200-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	130		10	1.4	ug/L	10		8260B	Total/NA
1,3,5-Trimethylbenzene	25		10	1.8	ug/L	10		8260B	Total/NA
Benzene	54		5.0	0.74	ug/L	10		8260B	Total/NA
Ethylbenzene	85		5.0	1.3	ug/L	10		8260B	Total/NA
Isopropylbenzene	8.6	J	10	1.4	ug/L	10		8260B	Total/NA
p-Isopropyltoluene	5.2	J	10	1.7	ug/L	10		8260B	Total/NA
Styrene	6.6	J	10	1.0	ug/L	10		8260B	Total/NA
Toluene	32		5.0	1.1	ug/L	10		8260B	Total/NA
Xylenes, Total	310		10	0.68	ug/L	10		8260B	Total/NA
Naphthalene - DL	2600		100	16	ug/L	100		8260B	Total/NA
2-Methylnaphthalene	23		0.37	0.062	ug/L	1		8270D	Total/NA
Acenaphthylene	10		0.74	0.10	ug/L	1		8270D	Total/NA
Anthracene	3.2		0.74	0.14	ug/L	1		8270D	Total/NA
Benzo[a]anthracene	0.50		0.15	0.048	ug/L	1		8270D	Total/NA
Benzo[b]fluoranthene	0.26		0.15	0.060	ug/L	1		8270D	Total/NA
Benzo[k]fluoranthene	0.13	J *	0.15	0.12	ug/L	1		8270D	Total/NA
Chrysene	0.31	J	0.37	0.069	ug/L	1		8270D	Total/NA
Fluoranthene	5.4		0.74	0.15	ug/L	1		8270D	Total/NA
Fluorene	32		0.74	0.12	ug/L	1		8270D	Total/NA
Phenanthrene	20		0.74	0.16	ug/L	1		8270D	Total/NA
Pyrene	3.2		0.74	0.17	ug/L	1		8270D	Total/NA
1-Methylnaphthalene - DL	150		74	17	ug/L	100		8270D	Total/NA
Acenaphthene - DL	64	J	74	9.1	ug/L	100		8270D	Total/NA
Naphthalene - DL	1900		74	11	ug/L	100		8270D	Total/NA

Client Sample ID: MW-101 — Lab Sample ID: 500-55200-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	1.7		0.74	0.11	ug/L	1		8270D	Total/NA

Client Sample ID: P-120 — Lab Sample ID: 500-55200-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.70	J	1.0	0.20	ug/L	1		8260B	Total/NA
2-Methylnaphthalene	0.25	J	0.37	0.062	ug/L	1		8270D	Total/NA
Anthracene	0.31	J	0.73	0.14	ug/L	1		8270D	Total/NA
Naphthalene	0.83		0.73	0.11	ug/L	1		8270D	Total/NA
Phenanthrene	0.32	J	0.73	0.15	ug/L	1		8270D	Total/NA

Client Sample ID: MW-117 — Lab Sample ID: 500-55200-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	260		10	1.4	ug/L	10		8260B	Total/NA
1,3,5-Trimethylbenzene	110		10	1.8	ug/L	10		8260B	Total/NA
2-Chlorotoluene	26		10	2.1	ug/L	10		8260B	Total/NA
Benzene	590		5.0	0.74	ug/L	10		8260B	Total/NA
Chloroform	10		10	2.0	ug/L	10		8260B	Total/NA
Ethylbenzene	160		5.0	1.3	ug/L	10		8260B	Total/NA
Isopropylbenzene	11		10	1.4	ug/L	10		8260B	Total/NA
N-Propylbenzene	5.6	J	10	1.3	ug/L	10		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-55200-1

Client Sample ID: MW-117 (Continued) — Lab Sample ID: 500-55200-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
p-Isopropyltoluene	32		10	1.7	ug/L	10		8260B	Total/NA
Toluene	940		5.0	1.1	ug/L	10		8260B	Total/NA
Xylenes, Total	910		10	0.68	ug/L	10		8260B	Total/NA
Naphthalene - DL	9900		100	16	ug/L	100		8260B	Total/NA
1-Methylnaphthalene	940		73	17	ug/L	100		8270D	Total/NA
2-Methylnaphthalene	1700		36	6.1	ug/L	100		8270D	Total/NA
Acenaphthene	260		73	9.0	ug/L	100		8270D	Total/NA
Acenaphthylene	28	J	73	9.8	ug/L	100		8270D	Total/NA
Anthracene	45	J	73	13	ug/L	100		8270D	Total/NA
Benzo[a]anthracene	14	J	15	4.8	ug/L	100		8270D	Total/NA
Chrysene	12	J	36	6.8	ug/L	100		8270D	Total/NA
Fluoranthene	63	J	73	15	ug/L	100		8270D	Total/NA
Fluorene	200		73	12	ug/L	100		8270D	Total/NA
Naphthalene	5000		73	11	ug/L	100		8270D	Total/NA
Phenanthrene	260		73	15	ug/L	100		8270D	Total/NA
Pyrene	48	J	73	17	ug/L	100		8270D	Total/NA

Client Sample ID: MW-107 — Lab Sample ID: 500-55200-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	260		20	2.8	ug/L	20		8260B	Total/NA
1,3,5-Trimethylbenzene	78		20	3.6	ug/L	20		8260B	Total/NA
Benzene	2100		10	1.5	ug/L	20		8260B	Total/NA
Ethylbenzene	400		10	2.6	ug/L	20		8260B	Total/NA
Isopropylbenzene	19	J	20	2.8	ug/L	20		8260B	Total/NA
p-Isopropyltoluene	18	J	20	3.4	ug/L	20		8260B	Total/NA
Toluene	94		10	2.2	ug/L	20		8260B	Total/NA
Xylenes, Total	1300		20	1.4	ug/L	20		8260B	Total/NA
Naphthalene - DL	9600		200	32	ug/L	200		8260B	Total/NA
Acenaphthene	200		7.4	0.91	ug/L	10		8270D	Total/NA
Acenaphthylene	4.4	J	7.4	1.0	ug/L	10		8270D	Total/NA
Anthracene	11		7.4	1.4	ug/L	10		8270D	Total/NA
Fluoranthene	9.8		7.4	1.5	ug/L	10		8270D	Total/NA
Fluorene	97		7.4	1.2	ug/L	10		8270D	Total/NA
Phenanthrene	83		7.4	1.6	ug/L	10		8270D	Total/NA
Pyrene	6.0	J	7.4	1.7	ug/L	10		8270D	Total/NA
1-Methylnaphthalene - DL	440		74	17	ug/L	100		8270D	Total/NA
2-Methylnaphthalene - DL	760		37	6.2	ug/L	100		8270D	Total/NA
Naphthalene - DL	4800		74	11	ug/L	100		8270D	Total/NA

Client Sample ID: MW-107 Dup — Lab Sample ID: 500-55200-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	250		20	2.8	ug/L	20		8260B	Total/NA
1,3,5-Trimethylbenzene	77		20	3.6	ug/L	20		8260B	Total/NA
Benzene	2100		10	1.5	ug/L	20		8260B	Total/NA
Ethylbenzene	390		10	2.6	ug/L	20		8260B	Total/NA
Isopropylbenzene	17	J	20	2.8	ug/L	20		8260B	Total/NA
p-Isopropyltoluene	19	J	20	3.4	ug/L	20		8260B	Total/NA
Toluene	93		10	2.2	ug/L	20		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-107 Dup (Continued)

Lab Sample ID: 500-55200-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Xylenes, Total	1200		20	1.4	ug/L	20		8260B	Total/NA
Naphthalene - DL	11000		200	32	ug/L	200		8260B	Total/NA
1-Methylnaphthalene	310		7.4	1.7	ug/L	10		8270D	Total/NA
2-Methylnaphthalene	390		3.7	0.62	ug/L	10		8270D	Total/NA
Acenaphthene	180		7.4	0.91	ug/L	10		8270D	Total/NA
Acenaphthylene	3.5	J	7.4	1.0	ug/L	10		8270D	Total/NA
Anthracene	11		7.4	1.4	ug/L	10		8270D	Total/NA
Fluoranthene	9.8		7.4	1.5	ug/L	10		8270D	Total/NA
Fluorene	95		7.4	1.2	ug/L	10		8270D	Total/NA
Phenanthrene	82		7.4	1.6	ug/L	10		8270D	Total/NA
Pyrene	6.3	J	7.4	1.7	ug/L	10		8270D	Total/NA
Naphthalene - DL	3000		74	11	ug/L	100		8270D	Total/NA

Client Sample ID: Trip Blank 2

Lab Sample ID: 500-55200-7

No Detections.

This Detection Summary does not include radiochemical test results.

Method Summary

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-55200-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL CHI
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL CHI

Protocol References:

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: 500-55200-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-55200-1	MW-2	Water	03/11/13 11:25	03/14/13 10:20
500-55200-2	MW-101	Water	03/11/13 13:10	03/14/13 10:20
500-55200-3	P-120	Water	03/13/13 09:40	03/14/13 10:20
500-55200-4	MW-117	Water	03/13/13 10:45	03/14/13 10:20
500-55200-5	MW-107	Water	03/13/13 11:35	03/14/13 10:20
500-55200-6	MW-107 Dup	Water	03/13/13 11:40	03/14/13 10:20
500-55200-7	Trip Blank 2	Water	03/11/13 00:00	03/14/13 10:20

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-55200-1

Client Sample ID: MW-2
Date Collected: 03/11/13 11:25
Date Received: 03/14/13 10:20

Lab Sample ID: 500-55200-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<2.5		10	2.5	ug/L			03/20/13 14:18	10
1,1,1-Trichloroethane	<2.0		10	2.0	ug/L			03/20/13 14:18	10
1,1,2,2-Tetrachloroethane	<2.3		10	2.3	ug/L			03/20/13 14:18	10
1,1,2-Trichloroethane	<2.8		10	2.8	ug/L			03/20/13 14:18	10
1,1-Dichloroethane	<1.9		10	1.9	ug/L			03/20/13 14:18	10
1,1-Dichloroethene	<3.1		10	3.1	ug/L			03/20/13 14:18	10
1,1-Dichloropropene	<3.4		10	3.4	ug/L			03/20/13 14:18	10
1,2,3-Trichlorobenzene	<2.4		10	2.4	ug/L			03/20/13 14:18	10
1,2,3-Trichloropropane	<4.5		10	4.5	ug/L			03/20/13 14:18	10
1,2,4-Trichlorobenzene	<3.1		10	3.1	ug/L			03/20/13 14:18	10
1,2,4-Trimethylbenzene	**130**		10	1.4	ug/L			03/20/13 14:18	10
1,2-Dibromo-3-Chloropropane	<8.7		20	8.7	ug/L			03/20/13 14:18	10
1,2-Dibromoethane	<3.6		10	3.6	ug/L			03/20/13 14:18	10
1,2-Dichlorobenzene	<2.7		10	2.7	ug/L			03/20/13 14:18	10
1,2-Dichloroethane	<2.8		10	2.8	ug/L			03/20/13 14:18	10
1,2-Dichloropropane	<2.0		10	2.0	ug/L			03/20/13 14:18	10
1,3,5-Trimethylbenzene	**25**		10	1.8	ug/L			03/20/13 14:18	10
1,3-Dichlorobenzene	<1.5		10	1.5	ug/L			03/20/13 14:18	10
1,3-Dichloropropane	<1.3		10	1.3	ug/L			03/20/13 14:18	10
1,4-Dichlorobenzene	<1.5		10	1.5	ug/L			03/20/13 14:18	10
2,2-Dichloropropane	<3.2		10	3.2	ug/L			03/20/13 14:18	10
2-Chlorotoluene	<2.1		10	2.1	ug/L			03/20/13 14:18	10
4-Chlorotoluene	<2.0		10	2.0	ug/L			03/20/13 14:18	10
Benzene	**54**		5.0	0.74	ug/L			03/20/13 14:18	10
Bromobenzene	<2.5		10	2.5	ug/L			03/20/13 14:18	10
Bromochloromethane	<4.0		10	4.0	ug/L			03/20/13 14:18	10
Bromodichloromethane	<1.7		10	1.7	ug/L			03/20/13 14:18	10
Bromoform	<2.8		10	2.8	ug/L			03/20/13 14:18	10
Bromomethane	<3.1		10	3.1	ug/L			03/20/13 14:18	10
Carbon tetrachloride	<2.6		10	2.6	ug/L			03/20/13 14:18	10
Chlorobenzene	<1.4		10	1.4	ug/L			03/20/13 14:18	10
Chloroethane	<3.4		10	3.4	ug/L			03/20/13 14:18	10
Chloroform	<2.0		10	2.0	ug/L			03/20/13 14:18	10
Chloromethane	<1.8		10	1.8	ug/L			03/20/13 14:18	10
cis-1,2-Dichloroethene	<1.2		10	1.2	ug/L			03/20/13 14:18	10
cis-1,3-Dichloropropene	<1.8		10	1.8	ug/L			03/20/13 14:18	10
Dibromochloromethane	<3.2		10	3.2	ug/L			03/20/13 14:18	10
Dibromomethane	<3.3		10	3.3	ug/L			03/20/13 14:18	10
Dichlorodifluoromethane	<2.0		10	2.0	ug/L			03/20/13 14:18	10
Ethylbenzene	**85**		5.0	1.3	ug/L			03/20/13 14:18	10
Hexachlorobutadiene	<2.6		10	2.6	ug/L			03/20/13 14:18	10
Isopropyl ether	<1.5		10	1.5	ug/L			03/20/13 14:18	10
Isopropylbenzene	**8.6**	**J**	10	1.4	ug/L			03/20/13 14:18	10
Methyl tert-butyl ether	<2.4		10	2.4	ug/L			03/20/13 14:18	10
Methylene Chloride	<6.8		50	6.8	ug/L			03/20/13 14:18	10
n-Butylbenzene	<1.3		10	1.3	ug/L			03/20/13 14:18	10
N-Propylbenzene	<1.3		10	1.3	ug/L			03/20/13 14:18	10
p-Isopropyltoluene	**5.2**	**J**	10	1.7	ug/L			03/20/13 14:18	10
sec-Butylbenzene	<1.5		10	1.5	ug/L			03/20/13 14:18	10

Client Sample ID: MW-2
Date Collected: 03/11/13 11:25
Date Received: 03/14/13 10:20

Lab Sample ID: 500-55200-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	**6.6**	**J**	10	1.0	ug/L			03/20/13 14:18	10
tert-Butylbenzene	<1.4		10	1.4	ug/L			03/20/13 14:18	10
Tetrachloroethene	<1.7		10	1.7	ug/L			03/20/13 14:18	10
Toluene	**32**		5.0	1.1	ug/L			03/20/13 14:18	10
trans-1,2-Dichloroethene	<2.5		10	2.5	ug/L			03/20/13 14:18	10
trans-1,3-Dichloropropene	<2.1		10	2.1	ug/L			03/20/13 14:18	10
Trichloroethene	<1.9		5.0	1.9	ug/L			03/20/13 14:18	10
Trichlorofluoromethane	<1.9		10	1.9	ug/L			03/20/13 14:18	10
Vinyl chloride	<1.0		5.0	1.0	ug/L			03/20/13 14:18	10
Xylenes, Total	**310**		10	0.68	ug/L			03/20/13 14:18	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*75 - 125*		*03/20/13 14:18*	*10*
4-Bromofluorobenzene (Surr)	*95*		*75 - 120*		*03/20/13 14:18*	*10*
Dibromofluoromethane	*96*		*75 - 120*		*03/20/13 14:18*	*10*
Toluene-d8 (Surr)	*96*		*75 - 120*		*03/20/13 14:18*	*10*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	**2600**		100	16	ug/L			03/20/13 14:42	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*75 - 125*		*03/20/13 14:42*	*100*
4-Bromofluorobenzene (Surr)	*94*		*75 - 120*		*03/20/13 14:42*	*100*
Dibromofluoromethane	*96*		*75 - 120*		*03/20/13 14:42*	*100*
Toluene-d8 (Surr)	*96*		*75 - 120*		*03/20/13 14:42*	*100*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	**23**		0.37	0.062	ug/L		03/15/13 07:25	03/18/13 15:29	1
Acenaphthylene	**10**		0.74	0.10	ug/L		03/15/13 07:25	03/18/13 15:29	1
Anthracene	**3.2**		0.74	0.14	ug/L		03/15/13 07:25	03/18/13 15:29	1
Benzo[a]anthracene	**0.50**		0.15	0.048	ug/L		03/15/13 07:25	03/18/13 15:29	1
Benzo[a]pyrene	<0.056		0.15	0.056	ug/L		03/15/13 07:25	03/18/13 15:29	1
Benzo[b]fluoranthene	**0.26**		0.15	0.060	ug/L		03/15/13 07:25	03/18/13 15:29	1
Benzo[g,h,i]perylene	<0.36	*	0.74	0.36	ug/L		03/15/13 07:25	03/18/13 15:29	1
Benzo[k]fluoranthene	**0.13**	**J ***	0.15	0.12	ug/L		03/15/13 07:25	03/18/13 15:29	1
Chrysene	**0.31**	**J**	0.37	0.069	ug/L		03/15/13 07:25	03/18/13 15:29	1
Dibenz(a,h)anthracene	<0.084		0.22	0.084	ug/L		03/15/13 07:25	03/18/13 15:29	1
Fluoranthene	**5.4**		0.74	0.15	ug/L		03/15/13 07:25	03/18/13 15:29	1
Fluorene	**32**		0.74	0.12	ug/L		03/15/13 07:25	03/18/13 15:29	1
Indeno[1,2,3-cd]pyrene	<0.057		0.15	0.057	ug/L		03/15/13 07:25	03/18/13 15:29	1
Phenanthrene	**20**		0.74	0.16	ug/L		03/15/13 07:25	03/18/13 15:29	1
Pyrene	**3.2**		0.74	0.17	ug/L		03/15/13 07:25	03/18/13 15:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*95*		*48 - 110*	*03/15/13 07:25*	*03/18/13 15:29*	*1*
Nitrobenzene-d5 (Surr)	*144*	*X*	*41 - 110*	*03/15/13 07:25*	*03/18/13 15:29*	*1*
Terphenyl-d14 (Surr)	*115*		*44 - 132*	*03/15/13 07:25*	*03/18/13 15:29*	*1*

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-55200-1

Client Sample ID: MW-2
Date Collected: 03/11/13 11:25
Date Received: 03/14/13 10:20

Lab Sample ID: 500-55200-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	150		74	17	ug/L		03/15/13 07:25	03/20/13 16:52	100
Acenaphthene	64	J	74	9.1	ug/L		03/15/13 07:25	03/20/13 16:52	100
Naphthalene	1900		74	11	ug/L		03/15/13 07:25	03/20/13 16:52	100

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-55200-1

Client Sample ID: MW-101
Date Collected: 03/11/13 13:10
Date Received: 03/14/13 10:20

Lab Sample ID: 500-55200-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.25		1.0	0.25	ug/L			03/22/13 10:17	1
1,1,1-Trichloroethane	<0.20		1.0	0.20	ug/L			03/22/13 10:17	1
1,1,2,2-Tetrachloroethane	<0.23		1.0	0.23	ug/L			03/22/13 10:17	1
1,1,2-Trichloroethane	<0.28		1.0	0.28	ug/L			03/22/13 10:17	1
1,1-Dichloroethane	<0.19		1.0	0.19	ug/L			03/22/13 10:17	1
1,1-Dichloroethene	<0.31		1.0	0.31	ug/L			03/22/13 10:17	1
1,1-Dichloropropene	<0.34		1.0	0.34	ug/L			03/22/13 10:17	1
1,2,3-Trichlorobenzene	<0.24		1.0	0.24	ug/L			03/22/13 10:17	1
1,2,3-Trichloropropane	<0.45		1.0	0.45	ug/L			03/22/13 10:17	1
1,2,4-Trichlorobenzene	<0.31		1.0	0.31	ug/L			03/22/13 10:17	1
1,2,4-Trimethylbenzene	<0.14		1.0	0.14	ug/L			03/22/13 10:17	1
1,2-Dibromo-3-Chloropropane	<0.87		2.0	0.87	ug/L			03/22/13 10:17	1
1,2-Dibromoethane	<0.36		1.0	0.36	ug/L			03/22/13 10:17	1
1,2-Dichlorobenzene	<0.27		1.0	0.27	ug/L			03/22/13 10:17	1
1,2-Dichloroethane	<0.28		1.0	0.28	ug/L			03/22/13 10:17	1
1,2-Dichloropropane	<0.20		1.0	0.20	ug/L			03/22/13 10:17	1
1,3,5-Trimethylbenzene	<0.18		1.0	0.18	ug/L			03/22/13 10:17	1
1,3-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/22/13 10:17	1
1,3-Dichloropropane	<0.13		1.0	0.13	ug/L			03/22/13 10:17	1
1,4-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/22/13 10:17	1
2,2-Dichloropropane	<0.32		1.0	0.32	ug/L			03/22/13 10:17	1
2-Chlorotoluene	<0.21		1.0	0.21	ug/L			03/22/13 10:17	1
4-Chlorotoluene	<0.20		1.0	0.20	ug/L			03/22/13 10:17	1
Benzene	<0.074		0.50	0.074	ug/L			03/22/13 10:17	1
Bromobenzene	<0.25		1.0	0.25	ug/L			03/22/13 10:17	1
Bromochloromethane	<0.40		1.0	0.40	ug/L			03/22/13 10:17	1
Bromodichloromethane	<0.17		1.0	0.17	ug/L			03/22/13 10:17	1
Bromoform	<0.28		1.0	0.28	ug/L			03/22/13 10:17	1
Bromomethane	<0.31		1.0	0.31	ug/L			03/22/13 10:17	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/L			03/22/13 10:17	1
Chlorobenzene	<0.14		1.0	0.14	ug/L			03/22/13 10:17	1
Chloroethane	<0.34		1.0	0.34	ug/L			03/22/13 10:17	1
Chloroform	<0.20		1.0	0.20	ug/L			03/22/13 10:17	1
Chloromethane	<0.18		1.0	0.18	ug/L			03/22/13 10:17	1
cis-1,2-Dichloroethene	<0.12		1.0	0.12	ug/L			03/22/13 10:17	1
cis-1,3-Dichloropropene	<0.18		1.0	0.18	ug/L			03/22/13 10:17	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			03/22/13 10:17	1
Dibromomethane	<0.33		1.0	0.33	ug/L			03/22/13 10:17	1
Dichlorodifluoromethane	<0.20		1.0	0.20	ug/L			03/22/13 10:17	1
Ethylbenzene	<0.13		0.50	0.13	ug/L			03/22/13 10:17	1
Hexachlorobutadiene	<0.26		1.0	0.26	ug/L			03/22/13 10:17	1
Isopropyl ether	<0.15		1.0	0.15	ug/L			03/22/13 10:17	1
Isopropylbenzene	<0.14		1.0	0.14	ug/L			03/22/13 10:17	1
Methyl tert-butyl ether	<0.24		1.0	0.24	ug/L			03/22/13 10:17	1
Methylene Chloride	<0.68		5.0	0.68	ug/L			03/22/13 10:17	1
Naphthalene	<0.16		1.0	0.16	ug/L			03/22/13 10:17	1
n-Butylbenzene	<0.13		1.0	0.13	ug/L			03/22/13 10:17	1
N-Propylbenzene	<0.13		1.0	0.13	ug/L			03/22/13 10:17	1
p-Isopropyltoluene	<0.17		1.0	0.17	ug/L			03/22/13 10:17	1

Client Sample ID: MW-101
Date Collected: 03/11/13 13:10
Date Received: 03/14/13 10:20

Lab Sample ID: 500-55200-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.15		1.0	0.15	ug/L			03/22/13 10:17	1
Styrene	<0.10		1.0	0.10	ug/L			03/22/13 10:17	1
tert-Butylbenzene	<0.14		1.0	0.14	ug/L			03/22/13 10:17	1
Tetrachloroethene	<0.17		1.0	0.17	ug/L			03/22/13 10:17	1
Toluene	<0.11		0.50	0.11	ug/L			03/22/13 10:17	1
trans-1,2-Dichloroethene	<0.25		1.0	0.25	ug/L			03/22/13 10:17	1
trans-1,3-Dichloropropene	<0.21		1.0	0.21	ug/L			03/22/13 10:17	1
Trichloroethene	<0.19		0.50	0.19	ug/L			03/22/13 10:17	1
Trichlorofluoromethane	<0.19		1.0	0.19	ug/L			03/22/13 10:17	1
Vinyl chloride	<0.10		0.50	0.10	ug/L			03/22/13 10:17	1
Xylenes, Total	<0.068		1.0	0.068	ug/L			03/22/13 10:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*75 - 125*		*03/22/13 10:17*	*1*
4-Bromofluorobenzene (Surr)	*90*		*75 - 120*		*03/22/13 10:17*	*1*
Dibromofluoromethane	*89*		*75 - 120*		*03/22/13 10:17*	*1*
Toluene-d8 (Surr)	*95*		*75 - 120*		*03/22/13 10:17*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.17		0.74	0.17	ug/L		03/15/13 07:25	03/18/13 15:53	1
2-Methylnaphthalene	<0.062		0.37	0.062	ug/L		03/15/13 07:25	03/18/13 15:53	1
Acenaphthene	<0.091		0.74	0.091	ug/L		03/15/13 07:25	03/18/13 15:53	1
Acenaphthylene	<0.10		0.74	0.10	ug/L		03/15/13 07:25	03/18/13 15:53	1
Anthracene	<0.14		0.74	0.14	ug/L		03/15/13 07:25	03/18/13 15:53	1
Benzo[a]anthracene	<0.048		0.15	0.048	ug/L		03/15/13 07:25	03/18/13 15:53	1
Benzo[a]pyrene	<0.056		0.15	0.056	ug/L		03/15/13 07:25	03/18/13 15:53	1
Benzo[b]fluoranthene	<0.060		0.15	0.060	ug/L		03/15/13 07:25	03/18/13 15:53	1
Benzo[g,h,i]perylene	<0.36	*	0.74	0.36	ug/L		03/15/13 07:25	03/18/13 15:53	1
Benzo[k]fluoranthene	<0.12	*	0.15	0.12	ug/L		03/15/13 07:25	03/18/13 15:53	1
Chrysene	<0.069		0.37	0.069	ug/L		03/15/13 07:25	03/18/13 15:53	1
Dibenz(a,h)anthracene	<0.084		0.22	0.084	ug/L		03/15/13 07:25	03/18/13 15:53	1
Fluoranthene	<0.15		0.74	0.15	ug/L		03/15/13 07:25	03/18/13 15:53	1
Fluorene	<0.12		0.74	0.12	ug/L		03/15/13 07:25	03/18/13 15:53	1
Indeno[1,2,3-cd]pyrene	<0.057		0.15	0.057	ug/L		03/15/13 07:25	03/18/13 15:53	1
Naphthalene	**1.7**		0.74	0.11	ug/L		03/15/13 07:25	03/18/13 15:53	1
Phenanthrene	<0.16		0.74	0.16	ug/L		03/15/13 07:25	03/18/13 15:53	1
Pyrene	<0.17		0.74	0.17	ug/L		03/15/13 07:25	03/18/13 15:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*93*		*48 - 110*	*03/15/13 07:25*	*03/18/13 15:53*	*1*
Nitrobenzene-d5 (Surr)	*95*		*41 - 110*	*03/15/13 07:25*	*03/18/13 15:53*	*1*
Terphenyl-d14 (Surr)	*114*		*44 - 132*	*03/15/13 07:25*	*03/18/13 15:53*	*1*

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-55200-1

Client Sample ID: P-120
Date Collected: 03/13/13 09:40
Date Received: 03/14/13 10:20

Lab Sample ID: 500-55200-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.25		1.0	0.25	ug/L			03/22/13 10:41	1
1,1,1-Trichloroethane	<0.20		1.0	0.20	ug/L			03/22/13 10:41	1
1,1,2,2-Tetrachloroethane	<0.23		1.0	0.23	ug/L			03/22/13 10:41	1
1,1,2-Trichloroethane	<0.28		1.0	0.28	ug/L			03/22/13 10:41	1
1,1-Dichloroethane	<0.19		1.0	0.19	ug/L			03/22/13 10:41	1
1,1-Dichloroethene	<0.31		1.0	0.31	ug/L			03/22/13 10:41	1
1,1-Dichloropropene	<0.34		1.0	0.34	ug/L			03/22/13 10:41	1
1,2,3-Trichlorobenzene	<0.24		1.0	0.24	ug/L			03/22/13 10:41	1
1,2,3-Trichloropropane	<0.45		1.0	0.45	ug/L			03/22/13 10:41	1
1,2,4-Trichlorobenzene	<0.31		1.0	0.31	ug/L			03/22/13 10:41	1
1,2,4-Trimethylbenzene	<0.14		1.0	0.14	ug/L			03/22/13 10:41	1
1,2-Dibromo-3-Chloropropane	<0.87		2.0	0.87	ug/L			03/22/13 10:41	1
1,2-Dibromoethane	<0.36		1.0	0.36	ug/L			03/22/13 10:41	1
1,2-Dichlorobenzene	<0.27		1.0	0.27	ug/L			03/22/13 10:41	1
1,2-Dichloroethane	<0.28		1.0	0.28	ug/L			03/22/13 10:41	1
1,2-Dichloropropane	<0.20		1.0	0.20	ug/L			03/22/13 10:41	1
1,3,5-Trimethylbenzene	<0.18		1.0	0.18	ug/L			03/22/13 10:41	1
1,3-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/22/13 10:41	1
1,3-Dichloropropane	<0.13		1.0	0.13	ug/L			03/22/13 10:41	1
1,4-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/22/13 10:41	1
2,2-Dichloropropane	<0.32		1.0	0.32	ug/L			03/22/13 10:41	1
2-Chlorotoluene	<0.21		1.0	0.21	ug/L			03/22/13 10:41	1
4-Chlorotoluene	<0.20		1.0	0.20	ug/L			03/22/13 10:41	1
Benzene	<0.074		0.50	0.074	ug/L			03/22/13 10:41	1
Bromobenzene	<0.25		1.0	0.25	ug/L			03/22/13 10:41	1
Bromochloromethane	<0.40		1.0	0.40	ug/L			03/22/13 10:41	1
Bromodichloromethane	<0.17		1.0	0.17	ug/L			03/22/13 10:41	1
Bromoform	<0.28		1.0	0.28	ug/L			03/22/13 10:41	1
Bromomethane	<0.31		1.0	0.31	ug/L			03/22/13 10:41	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/L			03/22/13 10:41	1
Chlorobenzene	<0.14		1.0	0.14	ug/L			03/22/13 10:41	1
Chloroethane	<0.34		1.0	0.34	ug/L			03/22/13 10:41	1
Chloroform	**0.70**	**J**	1.0	0.20	ug/L			03/22/13 10:41	1
Chloromethane	<0.18		1.0	0.18	ug/L			03/22/13 10:41	1
cis-1,2-Dichloroethene	<0.12		1.0	0.12	ug/L			03/22/13 10:41	1
cis-1,3-Dichloropropene	<0.18		1.0	0.18	ug/L			03/22/13 10:41	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			03/22/13 10:41	1
Dibromomethane	<0.33		1.0	0.33	ug/L			03/22/13 10:41	1
Dichlorodifluoromethane	<0.20		1.0	0.20	ug/L			03/22/13 10:41	1
Ethylbenzene	<0.13		0.50	0.13	ug/L			03/22/13 10:41	1
Hexachlorobutadiene	<0.26		1.0	0.26	ug/L			03/22/13 10:41	1
Isopropyl ether	<0.15		1.0	0.15	ug/L			03/22/13 10:41	1
Isopropylbenzene	<0.14		1.0	0.14	ug/L			03/22/13 10:41	1
Methyl tert-butyl ether	<0.24		1.0	0.24	ug/L			03/22/13 10:41	1
Methylene Chloride	<0.68		5.0	0.68	ug/L			03/22/13 10:41	1
Naphthalene	<0.16		1.0	0.16	ug/L			03/22/13 10:41	1
n-Butylbenzene	<0.13		1.0	0.13	ug/L			03/22/13 10:41	1
N-Propylbenzene	<0.13		1.0	0.13	ug/L			03/22/13 10:41	1
p-Isopropyltoluene	<0.17		1.0	0.17	ug/L			03/22/13 10:41	1

Client Sample ID: P-120
Date Collected: 03/13/13 09:40
Date Received: 03/14/13 10:20

Lab Sample ID: 500-55200-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.15		1.0	0.15	ug/L			03/22/13 10:41	1
Styrene	<0.10		1.0	0.10	ug/L			03/22/13 10:41	1
tert-Butylbenzene	<0.14		1.0	0.14	ug/L			03/22/13 10:41	1
Tetrachloroethene	<0.17		1.0	0.17	ug/L			03/22/13 10:41	1
Toluene	<0.11		0.50	0.11	ug/L			03/22/13 10:41	1
trans-1,2-Dichloroethene	<0.25		1.0	0.25	ug/L			03/22/13 10:41	1
trans-1,3-Dichloropropene	<0.21		1.0	0.21	ug/L			03/22/13 10:41	1
Trichloroethene	<0.19		0.50	0.19	ug/L			03/22/13 10:41	1
Trichlorofluoromethane	<0.19		1.0	0.19	ug/L			03/22/13 10:41	1
Vinyl chloride	<0.10		0.50	0.10	ug/L			03/22/13 10:41	1
Xylenes, Total	<0.068		1.0	0.068	ug/L			03/22/13 10:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*75 - 125*		*03/22/13 10:41*	*1*
4-Bromofluorobenzene (Surr)	*96*		*75 - 120*		*03/22/13 10:41*	*1*
Dibromofluoromethane	*93*		*75 - 120*		*03/22/13 10:41*	*1*
Toluene-d8 (Surr)	*97*		*75 - 120*		*03/22/13 10:41*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.17		0.73	0.17	ug/L		03/15/13 07:25	03/18/13 16:17	1
2-Methylnaphthalene	**0.25**	**J**	0.37	0.062	ug/L		03/15/13 07:25	03/18/13 16:17	1
Acenaphthene	<0.090		0.73	0.090	ug/L		03/15/13 07:25	03/18/13 16:17	1
Acenaphthylene	<0.099		0.73	0.099	ug/L		03/15/13 07:25	03/18/13 16:17	1
Anthracene	**0.31**	**J**	0.73	0.14	ug/L		03/15/13 07:25	03/18/13 16:17	1
Benzo[a]anthracene	<0.048		0.15	0.048	ug/L		03/15/13 07:25	03/18/13 16:17	1
Benzo[a]pyrene	<0.055		0.15	0.055	ug/L		03/15/13 07:25	03/18/13 16:17	1
Benzo[b]fluoranthene	<0.060		0.15	0.060	ug/L		03/15/13 07:25	03/18/13 16:17	1
Benzo[g,h,i]perylene	<0.35	*	0.73	0.35	ug/L		03/15/13 07:25	03/18/13 16:17	1
Benzo[k]fluoranthene	<0.12	*	0.15	0.12	ug/L		03/15/13 07:25	03/18/13 16:17	1
Chrysene	<0.068		0.37	0.068	ug/L		03/15/13 07:25	03/18/13 16:17	1
Dibenz(a,h)anthracene	<0.083		0.22	0.083	ug/L		03/15/13 07:25	03/18/13 16:17	1
Fluoranthene	<0.15		0.73	0.15	ug/L		03/15/13 07:25	03/18/13 16:17	1
Fluorene	<0.12		0.73	0.12	ug/L		03/15/13 07:25	03/18/13 16:17	1
Indeno[1,2,3-cd]pyrene	<0.056		0.15	0.056	ug/L		03/15/13 07:25	03/18/13 16:17	1
Naphthalene	**0.83**		0.73	0.11	ug/L		03/15/13 07:25	03/18/13 16:17	1
Phenanthrene	**0.32**	**J**	0.73	0.15	ug/L		03/15/13 07:25	03/18/13 16:17	1
Pyrene	<0.17		0.73	0.17	ug/L		03/15/13 07:25	03/18/13 16:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*88*		*48 - 110*	*03/15/13 07:25*	*03/18/13 16:17*	*1*
Nitrobenzene-d5 (Surr)	*93*		*41 - 110*	*03/15/13 07:25*	*03/18/13 16:17*	*1*
Terphenyl-d14 (Surr)	*114*		*44 - 132*	*03/15/13 07:25*	*03/18/13 16:17*	*1*

Client Sample ID: MW-117
Date Collected: 03/13/13 10:45
Date Received: 03/14/13 10:20

Lab Sample ID: 500-55200-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<2.5		10	2.5	ug/L			03/20/13 15:56	10
1,1,1-Trichloroethane	<2.0		10	2.0	ug/L			03/20/13 15:56	10
1,1,2,2-Tetrachloroethane	<2.3		10	2.3	ug/L			03/20/13 15:56	10
1,1,2-Trichloroethane	<2.8		10	2.8	ug/L			03/20/13 15:56	10
1,1-Dichloroethane	<1.9		10	1.9	ug/L			03/20/13 15:56	10
1,1-Dichloroethene	<3.1		10	3.1	ug/L			03/20/13 15:56	10
1,1-Dichloropropene	<3.4		10	3.4	ug/L			03/20/13 15:56	10
1,2,3-Trichlorobenzene	<2.4		10	2.4	ug/L			03/20/13 15:56	10
1,2,3-Trichloropropane	<4.5		10	4.5	ug/L			03/20/13 15:56	10
1,2,4-Trichlorobenzene	<3.1		10	3.1	ug/L			03/20/13 15:56	10
1,2,4-Trimethylbenzene	**260**		10	1.4	ug/L			03/20/13 15:56	10
1,2-Dibromo-3-Chloropropane	<8.7		20	8.7	ug/L			03/20/13 15:56	10
1,2-Dibromoethane	<3.6		10	3.6	ug/L			03/20/13 15:56	10
1,2-Dichlorobenzene	<2.7		10	2.7	ug/L			03/20/13 15:56	10
1,2-Dichloroethane	<2.8		10	2.8	ug/L			03/20/13 15:56	10
1,2-Dichloropropane	<2.0		10	2.0	ug/L			03/20/13 15:56	10
1,3,5-Trimethylbenzene	**110**		10	1.8	ug/L			03/20/13 15:56	10
1,3-Dichlorobenzene	<1.5		10	1.5	ug/L			03/20/13 15:56	10
1,3-Dichloropropane	<1.3		10	1.3	ug/L			03/20/13 15:56	10
1,4-Dichlorobenzene	<1.5		10	1.5	ug/L			03/20/13 15:56	10
2,2-Dichloropropane	<3.2		10	3.2	ug/L			03/20/13 15:56	10
2-Chlorotoluene	**26**		10	2.1	ug/L			03/20/13 15:56	10
4-Chlorotoluene	<2.0		10	2.0	ug/L			03/20/13 15:56	10
Benzene	**590**		5.0	0.74	ug/L			03/20/13 15:56	10
Bromobenzene	<2.5		10	2.5	ug/L			03/20/13 15:56	10
Bromochloromethane	<4.0		10	4.0	ug/L			03/20/13 15:56	10
Bromodichloromethane	<1.7		10	1.7	ug/L			03/20/13 15:56	10
Bromoform	<2.8		10	2.8	ug/L			03/20/13 15:56	10
Bromomethane	<3.1		10	3.1	ug/L			03/20/13 15:56	10
Carbon tetrachloride	<2.6		10	2.6	ug/L			03/20/13 15:56	10
Chlorobenzene	<1.4		10	1.4	ug/L			03/20/13 15:56	10
Chloroethane	<3.4		10	3.4	ug/L			03/20/13 15:56	10
Chloroform	**10**		10	2.0	ug/L			03/20/13 15:56	10
Chloromethane	<1.8		10	1.8	ug/L			03/20/13 15:56	10
cis-1,2-Dichloroethene	<1.2		10	1.2	ug/L			03/20/13 15:56	10
cis-1,3-Dichloropropene	<1.8		10	1.8	ug/L			03/20/13 15:56	10
Dibromochloromethane	<3.2		10	3.2	ug/L			03/20/13 15:56	10
Dibromomethane	<3.3		10	3.3	ug/L			03/20/13 15:56	10
Dichlorodifluoromethane	<2.0		10	2.0	ug/L			03/20/13 15:56	10
Ethylbenzene	**160**		5.0	1.3	ug/L			03/20/13 15:56	10
Hexachlorobutadiene	<2.6		10	2.6	ug/L			03/20/13 15:56	10
Isopropyl ether	<1.5		10	1.5	ug/L			03/20/13 15:56	10
Isopropylbenzene	**11**		10	1.4	ug/L			03/20/13 15:56	10
Methyl tert-butyl ether	<2.4		10	2.4	ug/L			03/20/13 15:56	10
Methylene Chloride	<6.8		50	6.8	ug/L			03/20/13 15:56	10
n-Butylbenzene	<1.3		10	1.3	ug/L			03/20/13 15:56	10
N-Propylbenzene	**5.6**	**J**	10	1.3	ug/L			03/20/13 15:56	10
p-Isopropyltoluene	**32**		10	1.7	ug/L			03/20/13 15:56	10
sec-Butylbenzene	<1.5		10	1.5	ug/L			03/20/13 15:56	10

Client Sample ID: MW-117
Date Collected: 03/13/13 10:45
Date Received: 03/14/13 10:20

Lab Sample ID: 500-55200-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	<1.0		10	1.0	ug/L			03/20/13 15:56	10
tert-Butylbenzene	<1.4		10	1.4	ug/L			03/20/13 15:56	10
Tetrachloroethene	<1.7		10	1.7	ug/L			03/20/13 15:56	10
Toluene	**940**		5.0	1.1	ug/L			03/20/13 15:56	10
trans-1,2-Dichloroethene	<2.5		10	2.5	ug/L			03/20/13 15:56	10
trans-1,3-Dichloropropene	<2.1		10	2.1	ug/L			03/20/13 15:56	10
Trichloroethene	<1.9		5.0	1.9	ug/L			03/20/13 15:56	10
Trichlorofluoromethane	<1.9		10	1.9	ug/L			03/20/13 15:56	10
Vinyl chloride	<1.0		5.0	1.0	ug/L			03/20/13 15:56	10
Xylenes, Total	**910**		10	0.68	ug/L			03/20/13 15:56	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*75 - 125*		*03/20/13 15:56*	*10*
4-Bromofluorobenzene (Surr)	*94*		*75 - 120*		*03/20/13 15:56*	*10*
Dibromofluoromethane	*95*		*75 - 120*		*03/20/13 15:56*	*10*
Toluene-d8 (Surr)	*94*		*75 - 120*		*03/20/13 15:56*	*10*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	**9900**		100	16	ug/L			03/20/13 16:20	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*75 - 125*		*03/20/13 16:20*	*100*
4-Bromofluorobenzene (Surr)	*94*		*75 - 120*		*03/20/13 16:20*	*100*
Dibromofluoromethane	*96*		*75 - 120*		*03/20/13 16:20*	*100*
Toluene-d8 (Surr)	*95*		*75 - 120*		*03/20/13 16:20*	*100*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**940**		73	17	ug/L		03/15/13 07:25	03/20/13 17:17	100
2-Methylnaphthalene	**1700**		36	6.1	ug/L		03/15/13 07:25	03/20/13 17:17	100
Acenaphthene	**260**		73	9.0	ug/L		03/15/13 07:25	03/20/13 17:17	100
Acenaphthylene	**28**	**J**	73	9.8	ug/L		03/15/13 07:25	03/20/13 17:17	100
Anthracene	**45**	**J**	73	13	ug/L		03/15/13 07:25	03/20/13 17:17	100
Benzo[a]anthracene	**14**	**J**	15	4.8	ug/L		03/15/13 07:25	03/20/13 17:17	100
Benzo[a]pyrene	<5.5		15	5.5	ug/L		03/15/13 07:25	03/20/13 17:17	100
Benzo[b]fluoranthene	<6.0		15	6.0	ug/L		03/15/13 07:25	03/20/13 17:17	100
Benzo[g,h,i]perylene	<35	*	73	35	ug/L		03/15/13 07:25	03/20/13 17:17	100
Benzo[k]fluoranthene	<12	*	15	12	ug/L		03/15/13 07:25	03/20/13 17:17	100
Chrysene	**12**	**J**	36	6.8	ug/L		03/15/13 07:25	03/20/13 17:17	100
Dibenz(a,h)anthracene	<8.3		22	8.3	ug/L		03/15/13 07:25	03/20/13 17:17	100
Fluoranthene	**63**	**J**	73	15	ug/L		03/15/13 07:25	03/20/13 17:17	100
Fluorene	**200**		73	12	ug/L		03/15/13 07:25	03/20/13 17:17	100
Indeno[1,2,3-cd]pyrene	<5.6		15	5.6	ug/L		03/15/13 07:25	03/20/13 17:17	100
Naphthalene	**5000**		73	11	ug/L		03/15/13 07:25	03/20/13 17:17	100
Phenanthrene	**260**		73	15	ug/L		03/15/13 07:25	03/20/13 17:17	100
Pyrene	**48**	**J**	73	17	ug/L		03/15/13 07:25	03/20/13 17:17	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*0*	*D*	*48 - 110*	*03/15/13 07:25*	*03/20/13 17:17*	*100*
Nitrobenzene-d5 (Surr)	*0*	*D*	*41 - 110*	*03/15/13 07:25*	*03/20/13 17:17*	*100*

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-55200-1

Client Sample ID: MW-117
Date Collected: 03/13/13 10:45
Date Received: 03/14/13 10:20

Lab Sample ID: 500-55200-4
Matrix: Water

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Terphenyl-d14 (Surr)	0	D	44 - 132	03/15/13 07:25	03/20/13 17:17	100

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-55200-1

Client Sample ID: MW-107
Date Collected: 03/13/13 11:35
Date Received: 03/14/13 10:20

Lab Sample ID: 500-55200-5
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<5.0		20	5.0	ug/L			03/20/13 16:45	20
1,1,1-Trichloroethane	<4.0		20	4.0	ug/L			03/20/13 16:45	20
1,1,2,2-Tetrachloroethane	<4.6		20	4.6	ug/L			03/20/13 16:45	20
1,1,2-Trichloroethane	<5.6		20	5.6	ug/L			03/20/13 16:45	20
1,1-Dichloroethane	<3.8		20	3.8	ug/L			03/20/13 16:45	20
1,1-Dichloroethene	<6.2		20	6.2	ug/L			03/20/13 16:45	20
1,1-Dichloropropene	<6.8		20	6.8	ug/L			03/20/13 16:45	20
1,2,3-Trichlorobenzene	<4.8		20	4.8	ug/L			03/20/13 16:45	20
1,2,3-Trichloropropane	<9.0		20	9.0	ug/L			03/20/13 16:45	20
1,2,4-Trichlorobenzene	<6.2		20	6.2	ug/L			03/20/13 16:45	20
1,2,4-Trimethylbenzene	**260**		20	2.8	ug/L			03/20/13 16:45	20
1,2-Dibromo-3-Chloropropane	<17		40	17	ug/L			03/20/13 16:45	20
1,2-Dibromoethane	<7.2		20	7.2	ug/L			03/20/13 16:45	20
1,2-Dichlorobenzene	<5.4		20	5.4	ug/L			03/20/13 16:45	20
1,2-Dichloroethane	<5.6		20	5.6	ug/L			03/20/13 16:45	20
1,2-Dichloropropane	<4.0		20	4.0	ug/L			03/20/13 16:45	20
1,3,5-Trimethylbenzene	**78**		20	3.6	ug/L			03/20/13 16:45	20
1,3-Dichlorobenzene	<3.0		20	3.0	ug/L			03/20/13 16:45	20
1,3-Dichloropropane	<2.6		20	2.6	ug/L			03/20/13 16:45	20
1,4-Dichlorobenzene	<3.0		20	3.0	ug/L			03/20/13 16:45	20
2,2-Dichloropropane	<6.4		20	6.4	ug/L			03/20/13 16:45	20
2-Chlorotoluene	<4.2		20	4.2	ug/L			03/20/13 16:45	20
4-Chlorotoluene	<4.0		20	4.0	ug/L			03/20/13 16:45	20
Benzene	**2100**		10	1.5	ug/L			03/20/13 16:45	20
Bromobenzene	<5.0		20	5.0	ug/L			03/20/13 16:45	20
Bromochloromethane	<8.0		20	8.0	ug/L			03/20/13 16:45	20
Bromodichloromethane	<3.4		20	3.4	ug/L			03/20/13 16:45	20
Bromoform	<5.6		20	5.6	ug/L			03/20/13 16:45	20
Bromomethane	<6.2		20	6.2	ug/L			03/20/13 16:45	20
Carbon tetrachloride	<5.2		20	5.2	ug/L			03/20/13 16:45	20
Chlorobenzene	<2.8		20	2.8	ug/L			03/20/13 16:45	20
Chloroethane	<6.8		20	6.8	ug/L			03/20/13 16:45	20
Chloroform	<4.0		20	4.0	ug/L			03/20/13 16:45	20
Chloromethane	<3.6		20	3.6	ug/L			03/20/13 16:45	20
cis-1,2-Dichloroethene	<2.4		20	2.4	ug/L			03/20/13 16:45	20
cis-1,3-Dichloropropene	<3.6		20	3.6	ug/L			03/20/13 16:45	20
Dibromochloromethane	<6.4		20	6.4	ug/L			03/20/13 16:45	20
Dibromomethane	<6.6		20	6.6	ug/L			03/20/13 16:45	20
Dichlorodifluoromethane	<4.0		20	4.0	ug/L			03/20/13 16:45	20
Ethylbenzene	**400**		10	2.6	ug/L			03/20/13 16:45	20
Hexachlorobutadiene	<5.2		20	5.2	ug/L			03/20/13 16:45	20
Isopropyl ether	<3.0		20	3.0	ug/L			03/20/13 16:45	20
Isopropylbenzene	**19**	**J**	20	2.8	ug/L			03/20/13 16:45	20
Methyl tert-butyl ether	<4.8		20	4.8	ug/L			03/20/13 16:45	20
Methylene Chloride	<14		100	14	ug/L			03/20/13 16:45	20
n-Butylbenzene	<2.6		20	2.6	ug/L			03/20/13 16:45	20
N-Propylbenzene	<2.6		20	2.6	ug/L			03/20/13 16:45	20
p-Isopropyltoluene	**18**	**J**	20	3.4	ug/L			03/20/13 16:45	20
sec-Butylbenzene	<3.0		20	3.0	ug/L			03/20/13 16:45	20

Client Sample ID: MW-107
Date Collected: 03/13/13 11:35
Date Received: 03/14/13 10:20

Lab Sample ID: 500-55200-5
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	<2.0		20	2.0	ug/L			03/20/13 16:45	20
tert-Butylbenzene	<2.8		20	2.8	ug/L			03/20/13 16:45	20
Tetrachloroethene	<3.4		20	3.4	ug/L			03/20/13 16:45	20
Toluene	**94**		10	2.2	ug/L			03/20/13 16:45	20
trans-1,2-Dichloroethene	<5.0		20	5.0	ug/L			03/20/13 16:45	20
trans-1,3-Dichloropropene	<4.2		20	4.2	ug/L			03/20/13 16:45	20
Trichloroethene	<3.8		10	3.8	ug/L			03/20/13 16:45	20
Trichlorofluoromethane	<3.8		20	3.8	ug/L			03/20/13 16:45	20
Vinyl chloride	<2.0		10	2.0	ug/L			03/20/13 16:45	20
Xylenes, Total	**1300**		20	1.4	ug/L			03/20/13 16:45	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*75 - 125*		*03/20/13 16:45*	*20*
4-Bromofluorobenzene (Surr)	*91*		*75 - 120*		*03/20/13 16:45*	*20*
Dibromofluoromethane	*94*		*75 - 120*		*03/20/13 16:45*	*20*
Toluene-d8 (Surr)	*94*		*75 - 120*		*03/20/13 16:45*	*20*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	**9600**		200	32	ug/L			03/20/13 17:10	200

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*75 - 125*		*03/20/13 17:10*	*200*
4-Bromofluorobenzene (Surr)	*92*		*75 - 120*		*03/20/13 17:10*	*200*
Dibromofluoromethane	*98*		*75 - 120*		*03/20/13 17:10*	*200*
Toluene-d8 (Surr)	*96*		*75 - 120*		*03/20/13 17:10*	*200*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**200**		7.4	0.91	ug/L		03/15/13 07:25	03/20/13 03:45	10
Acenaphthylene	**4.4**	**J**	7.4	1.0	ug/L		03/15/13 07:25	03/20/13 03:45	10
Anthracene	**11**		7.4	1.4	ug/L		03/15/13 07:25	03/20/13 03:45	10
Benzo[a]anthracene	<0.48		1.5	0.48	ug/L		03/15/13 07:25	03/20/13 03:45	10
Benzo[a]pyrene	<0.56		1.5	0.56	ug/L		03/15/13 07:25	03/20/13 03:45	10
Benzo[b]fluoranthene	<0.60		1.5	0.60	ug/L		03/15/13 07:25	03/20/13 03:45	10
Benzo[g,h,i]perylene	<3.6		7.4	3.6	ug/L		03/15/13 07:25	03/20/13 03:45	10
Benzo[k]fluoranthene	<1.2		1.5	1.2	ug/L		03/15/13 07:25	03/20/13 03:45	10
Chrysene	<0.69		3.7	0.69	ug/L		03/15/13 07:25	03/20/13 03:45	10
Dibenz(a,h)anthracene	<0.84		2.2	0.84	ug/L		03/15/13 07:25	03/20/13 03:45	10
Fluoranthene	**9.8**		7.4	1.5	ug/L		03/15/13 07:25	03/20/13 03:45	10
Fluorene	**97**		7.4	1.2	ug/L		03/15/13 07:25	03/20/13 03:45	10
Indeno[1,2,3-cd]pyrene	<0.57		1.5	0.57	ug/L		03/15/13 07:25	03/20/13 03:45	10
Phenanthrene	**83**		7.4	1.6	ug/L		03/15/13 07:25	03/20/13 03:45	10
Pyrene	**6.0**	**J**	7.4	1.7	ug/L		03/15/13 07:25	03/20/13 03:45	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*111*	*X*	*48 - 110*	*03/15/13 07:25*	*03/20/13 03:45*	*10*
Nitrobenzene-d5 (Surr)	*57*		*41 - 110*	*03/15/13 07:25*	*03/20/13 03:45*	*10*
Terphenyl-d14 (Surr)	*174*	*X*	*44 - 132*	*03/15/13 07:25*	*03/20/13 03:45*	*10*

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-55200-1

Client Sample ID: MW-107
Date Collected: 03/13/13 11:35
Date Received: 03/14/13 10:20

Lab Sample ID: 500-55200-5
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	440		74	17	ug/L		03/15/13 07:25	03/20/13 17:42	100
2-Methylnaphthalene	760		37	6.2	ug/L		03/15/13 07:25	03/20/13 17:42	100
Naphthalene	4800		74	11	ug/L		03/15/13 07:25	03/20/13 17:42	100

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-55200-1

Client Sample ID: MW-107 Dup
Date Collected: 03/13/13 11:40
Date Received: 03/14/13 10:20

Lab Sample ID: 500-55200-6
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<5.0		20	5.0	ug/L			03/20/13 17:34	20
1,1,1-Trichloroethane	<4.0		20	4.0	ug/L			03/20/13 17:34	20
1,1,2,2-Tetrachloroethane	<4.6		20	4.6	ug/L			03/20/13 17:34	20
1,1,2-Trichloroethane	<5.6		20	5.6	ug/L			03/20/13 17:34	20
1,1-Dichloroethane	<3.8		20	3.8	ug/L			03/20/13 17:34	20
1,1-Dichloroethene	<6.2		20	6.2	ug/L			03/20/13 17:34	20
1,1-Dichloropropene	<6.8		20	6.8	ug/L			03/20/13 17:34	20
1,2,3-Trichlorobenzene	<4.8		20	4.8	ug/L			03/20/13 17:34	20
1,2,3-Trichloropropane	<9.0		20	9.0	ug/L			03/20/13 17:34	20
1,2,4-Trichlorobenzene	<6.2		20	6.2	ug/L			03/20/13 17:34	20
1,2,4-Trimethylbenzene	**250**		20	2.8	ug/L			03/20/13 17:34	20
1,2-Dibromo-3-Chloropropane	<17		40	17	ug/L			03/20/13 17:34	20
1,2-Dibromoethane	<7.2		20	7.2	ug/L			03/20/13 17:34	20
1,2-Dichlorobenzene	<5.4		20	5.4	ug/L			03/20/13 17:34	20
1,2-Dichloroethane	<5.6		20	5.6	ug/L			03/20/13 17:34	20
1,2-Dichloropropane	<4.0		20	4.0	ug/L			03/20/13 17:34	20
1,3,5-Trimethylbenzene	**77**		20	3.6	ug/L			03/20/13 17:34	20
1,3-Dichlorobenzene	<3.0		20	3.0	ug/L			03/20/13 17:34	20
1,3-Dichloropropane	<2.6		20	2.6	ug/L			03/20/13 17:34	20
1,4-Dichlorobenzene	<3.0		20	3.0	ug/L			03/20/13 17:34	20
2,2-Dichloropropane	<6.4		20	6.4	ug/L			03/20/13 17:34	20
2-Chlorotoluene	<4.2		20	4.2	ug/L			03/20/13 17:34	20
4-Chlorotoluene	<4.0		20	4.0	ug/L			03/20/13 17:34	20
Benzene	**2100**		10	1.5	ug/L			03/20/13 17:34	20
Bromobenzene	<5.0		20	5.0	ug/L			03/20/13 17:34	20
Bromochloromethane	<8.0		20	8.0	ug/L			03/20/13 17:34	20
Bromodichloromethane	<3.4		20	3.4	ug/L			03/20/13 17:34	20
Bromoform	<5.6		20	5.6	ug/L			03/20/13 17:34	20
Bromomethane	<6.2		20	6.2	ug/L			03/20/13 17:34	20
Carbon tetrachloride	<5.2		20	5.2	ug/L			03/20/13 17:34	20
Chlorobenzene	<2.8		20	2.8	ug/L			03/20/13 17:34	20
Chloroethane	<6.8		20	6.8	ug/L			03/20/13 17:34	20
Chloroform	<4.0		20	4.0	ug/L			03/20/13 17:34	20
Chloromethane	<3.6		20	3.6	ug/L			03/20/13 17:34	20
cis-1,2-Dichloroethene	<2.4		20	2.4	ug/L			03/20/13 17:34	20
cis-1,3-Dichloropropene	<3.6		20	3.6	ug/L			03/20/13 17:34	20
Dibromochloromethane	<6.4		20	6.4	ug/L			03/20/13 17:34	20
Dibromomethane	<6.6		20	6.6	ug/L			03/20/13 17:34	20
Dichlorodifluoromethane	<4.0		20	4.0	ug/L			03/20/13 17:34	20
Ethylbenzene	**390**		10	2.6	ug/L			03/20/13 17:34	20
Hexachlorobutadiene	<5.2		20	5.2	ug/L			03/20/13 17:34	20
Isopropyl ether	<3.0		20	3.0	ug/L			03/20/13 17:34	20
Isopropylbenzene	**17**	**J**	20	2.8	ug/L			03/20/13 17:34	20
Methyl tert-butyl ether	<4.8		20	4.8	ug/L			03/20/13 17:34	20
Methylene Chloride	<14		100	14	ug/L			03/20/13 17:34	20
n-Butylbenzene	<2.6		20	2.6	ug/L			03/20/13 17:34	20
N-Propylbenzene	<2.6		20	2.6	ug/L			03/20/13 17:34	20
p-Isopropyltoluene	**19**	**J**	20	3.4	ug/L			03/20/13 17:34	20
sec-Butylbenzene	<3.0		20	3.0	ug/L			03/20/13 17:34	20

Client Sample ID: MW-107 Dup
Date Collected: 03/13/13 11:40
Date Received: 03/14/13 10:20

Lab Sample ID: 500-55200-6
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	<2.0		20	2.0	ug/L			03/20/13 17:34	20
tert-Butylbenzene	<2.8		20	2.8	ug/L			03/20/13 17:34	20
Tetrachloroethene	<3.4		20	3.4	ug/L			03/20/13 17:34	20
Toluene	**93**		10	2.2	ug/L			03/20/13 17:34	20
trans-1,2-Dichloroethene	<5.0		20	5.0	ug/L			03/20/13 17:34	20
trans-1,3-Dichloropropene	<4.2		20	4.2	ug/L			03/20/13 17:34	20
Trichloroethene	<3.8		10	3.8	ug/L			03/20/13 17:34	20
Trichlorofluoromethane	<3.8		20	3.8	ug/L			03/20/13 17:34	20
Vinyl chloride	<2.0		10	2.0	ug/L			03/20/13 17:34	20
Xylenes, Total	**1200**		20	1.4	ug/L			03/20/13 17:34	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*116*		*75 - 125*		*03/20/13 17:34*	*20*
4-Bromofluorobenzene (Surr)	*96*		*75 - 120*		*03/20/13 17:34*	*20*
Dibromofluoromethane	*101*		*75 - 120*		*03/20/13 17:34*	*20*
Toluene-d8 (Surr)	*98*		*75 - 120*		*03/20/13 17:34*	*20*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	**11000**		200	32	ug/L			03/20/13 17:59	200

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*75 - 125*		*03/20/13 17:59*	*200*
4-Bromofluorobenzene (Surr)	*94*		*75 - 120*		*03/20/13 17:59*	*200*
Dibromofluoromethane	*100*		*75 - 120*		*03/20/13 17:59*	*200*
Toluene-d8 (Surr)	*97*		*75 - 120*		*03/20/13 17:59*	*200*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**310**		7.4	1.7	ug/L		03/15/13 07:25	03/20/13 04:09	10
2-Methylnaphthalene	**390**		3.7	0.62	ug/L		03/15/13 07:25	03/20/13 04:09	10
Acenaphthene	**180**		7.4	0.91	ug/L		03/15/13 07:25	03/20/13 04:09	10
Acenaphthylene	**3.5**	**J**	7.4	1.0	ug/L		03/15/13 07:25	03/20/13 04:09	10
Anthracene	**11**		7.4	1.4	ug/L		03/15/13 07:25	03/20/13 04:09	10
Benzo[a]anthracene	<0.48		1.5	0.48	ug/L		03/15/13 07:25	03/20/13 04:09	10
Benzo[a]pyrene	<0.56		1.5	0.56	ug/L		03/15/13 07:25	03/20/13 04:09	10
Benzo[b]fluoranthene	<0.60		1.5	0.60	ug/L		03/15/13 07:25	03/20/13 04:09	10
Benzo[g,h,i]perylene	<3.6	*	7.4	3.6	ug/L		03/15/13 07:25	03/20/13 04:09	10
Benzo[k]fluoranthene	<1.2	*	1.5	1.2	ug/L		03/15/13 07:25	03/20/13 04:09	10
Chrysene	<0.69		3.7	0.69	ug/L		03/15/13 07:25	03/20/13 04:09	10
Dibenz(a,h)anthracene	<0.84		2.2	0.84	ug/L		03/15/13 07:25	03/20/13 04:09	10
Fluoranthene	**9.8**		7.4	1.5	ug/L		03/15/13 07:25	03/20/13 04:09	10
Fluorene	**95**		7.4	1.2	ug/L		03/15/13 07:25	03/20/13 04:09	10
Indeno[1,2,3-cd]pyrene	<0.57		1.5	0.57	ug/L		03/15/13 07:25	03/20/13 04:09	10
Phenanthrene	**82**		7.4	1.6	ug/L		03/15/13 07:25	03/20/13 04:09	10
Pyrene	**6.3**	**J**	7.4	1.7	ug/L		03/15/13 07:25	03/20/13 04:09	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*84*		*48 - 110*	*03/15/13 07:25*	*03/20/13 04:09*	*10*
Nitrobenzene-d5 (Surr)	*57*		*41 - 110*	*03/15/13 07:25*	*03/20/13 04:09*	*10*
Terphenyl-d14 (Surr)	*175*	*X*	*44 - 132*	*03/15/13 07:25*	*03/20/13 04:09*	*10*

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-55200-1

Client Sample ID: MW-107 Dup
Date Collected: 03/13/13 11:40
Date Received: 03/14/13 10:20

Lab Sample ID: 500-55200-6
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	3000		74	11	ug/L		03/15/13 07:25	03/20/13 18:07	100

Client Sample ID: Trip Blank 2
Date Collected: 03/11/13 00:00
Date Received: 03/14/13 10:20

Lab Sample ID: 500-55200-7
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.25		1.0	0.25	ug/L			03/21/13 10:44	1
1,1,1-Trichloroethane	<0.20		1.0	0.20	ug/L			03/21/13 10:44	1
1,1,2,2-Tetrachloroethane	<0.23		1.0	0.23	ug/L			03/21/13 10:44	1
1,1,2-Trichloroethane	<0.28		1.0	0.28	ug/L			03/21/13 10:44	1
1,1-Dichloroethane	<0.19		1.0	0.19	ug/L			03/21/13 10:44	1
1,1-Dichloroethene	<0.31		1.0	0.31	ug/L			03/21/13 10:44	1
1,1-Dichloropropene	<0.34		1.0	0.34	ug/L			03/21/13 10:44	1
1,2,3-Trichlorobenzene	<0.24		1.0	0.24	ug/L			03/21/13 10:44	1
1,2,3-Trichloropropane	<0.45		1.0	0.45	ug/L			03/21/13 10:44	1
1,2,4-Trichlorobenzene	<0.31		1.0	0.31	ug/L			03/21/13 10:44	1
1,2,4-Trimethylbenzene	<0.14		1.0	0.14	ug/L			03/21/13 10:44	1
1,2-Dibromo-3-Chloropropane	<0.87		2.0	0.87	ug/L			03/21/13 10:44	1
1,2-Dibromoethane	<0.36		1.0	0.36	ug/L			03/21/13 10:44	1
1,2-Dichlorobenzene	<0.27		1.0	0.27	ug/L			03/21/13 10:44	1
1,2-Dichloroethane	<0.28		1.0	0.28	ug/L			03/21/13 10:44	1
1,2-Dichloropropane	<0.20		1.0	0.20	ug/L			03/21/13 10:44	1
1,3,5-Trimethylbenzene	<0.18		1.0	0.18	ug/L			03/21/13 10:44	1
1,3-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/21/13 10:44	1
1,3-Dichloropropane	<0.13		1.0	0.13	ug/L			03/21/13 10:44	1
1,4-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/21/13 10:44	1
2,2-Dichloropropane	<0.32		1.0	0.32	ug/L			03/21/13 10:44	1
2-Chlorotoluene	<0.21		1.0	0.21	ug/L			03/21/13 10:44	1
4-Chlorotoluene	<0.20		1.0	0.20	ug/L			03/21/13 10:44	1
Benzene	<0.074		0.50	0.074	ug/L			03/21/13 10:44	1
Bromobenzene	<0.25		1.0	0.25	ug/L			03/21/13 10:44	1
Bromochloromethane	<0.40		1.0	0.40	ug/L			03/21/13 10:44	1
Bromodichloromethane	<0.17		1.0	0.17	ug/L			03/21/13 10:44	1
Bromoform	<0.28		1.0	0.28	ug/L			03/21/13 10:44	1
Bromomethane	<0.31		1.0	0.31	ug/L			03/21/13 10:44	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/L			03/21/13 10:44	1
Chlorobenzene	<0.14		1.0	0.14	ug/L			03/21/13 10:44	1
Chloroethane	<0.34		1.0	0.34	ug/L			03/21/13 10:44	1
Chloroform	<0.20		1.0	0.20	ug/L			03/21/13 10:44	1
Chloromethane	<0.18		1.0	0.18	ug/L			03/21/13 10:44	1
cis-1,2-Dichloroethene	<0.12		1.0	0.12	ug/L			03/21/13 10:44	1
cis-1,3-Dichloropropene	<0.18		1.0	0.18	ug/L			03/21/13 10:44	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			03/21/13 10:44	1
Dibromomethane	<0.33		1.0	0.33	ug/L			03/21/13 10:44	1
Dichlorodifluoromethane	<0.20		1.0	0.20	ug/L			03/21/13 10:44	1
Ethylbenzene	<0.13		0.50	0.13	ug/L			03/21/13 10:44	1
Hexachlorobutadiene	<0.26		1.0	0.26	ug/L			03/21/13 10:44	1
Isopropyl ether	<0.15		1.0	0.15	ug/L			03/21/13 10:44	1
Isopropylbenzene	<0.14		1.0	0.14	ug/L			03/21/13 10:44	1
Methyl tert-butyl ether	<0.24		1.0	0.24	ug/L			03/21/13 10:44	1
Methylene Chloride	<0.68		5.0	0.68	ug/L			03/21/13 10:44	1
Naphthalene	<0.16		1.0	0.16	ug/L			03/21/13 10:44	1
n-Butylbenzene	<0.13		1.0	0.13	ug/L			03/21/13 10:44	1
N-Propylbenzene	<0.13		1.0	0.13	ug/L			03/21/13 10:44	1
p-Isopropyltoluene	<0.17		1.0	0.17	ug/L			03/21/13 10:44	1

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-55200-1

Client Sample ID: Trip Blank 2
Date Collected: 03/11/13 00:00
Date Received: 03/14/13 10:20

Lab Sample ID: 500-55200-7
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.15		1.0	0.15	ug/L			03/21/13 10:44	1
Styrene	<0.10		1.0	0.10	ug/L			03/21/13 10:44	1
tert-Butylbenzene	<0.14		1.0	0.14	ug/L			03/21/13 10:44	1
Tetrachloroethene	<0.17		1.0	0.17	ug/L			03/21/13 10:44	1
Toluene	<0.11		0.50	0.11	ug/L			03/21/13 10:44	1
trans-1,2-Dichloroethene	<0.25		1.0	0.25	ug/L			03/21/13 10:44	1
trans-1,3-Dichloropropene	<0.21		1.0	0.21	ug/L			03/21/13 10:44	1
Trichloroethene	<0.19		0.50	0.19	ug/L			03/21/13 10:44	1
Trichlorofluoromethane	<0.19		1.0	0.19	ug/L			03/21/13 10:44	1
Vinyl chloride	<0.10		0.50	0.10	ug/L			03/21/13 10:44	1
Xylenes, Total	<0.068		1.0	0.068	ug/L			03/21/13 10:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*75 - 125*		*03/21/13 10:44*	*1*
4-Bromofluorobenzene (Surr)	*91*		*75 - 120*		*03/21/13 10:44*	*1*
Dibromofluoromethane	*93*		*75 - 120*		*03/21/13 10:44*	*1*
Toluene-d8 (Surr)	*95*		*75 - 120*		*03/21/13 10:44*	*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
*	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.
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.

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)

GC/MS VOA

Analysis Batch: 180334

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-55200-1	MW-2	Total/NA	Water	8260B	
500-55200-1 - DL	MW-2	Total/NA	Water	8260B	
500-55200-4	MW-117	Total/NA	Water	8260B	
500-55200-4 - DL	MW-117	Total/NA	Water	8260B	
500-55200-5	MW-107	Total/NA	Water	8260B	
500-55200-5 - DL	MW-107	Total/NA	Water	8260B	
500-55200-6	MW-107 Dup	Total/NA	Water	8260B	
500-55200-6 - DL	MW-107 Dup	Total/NA	Water	8260B	
LCS 500-180334/4	Lab Control Sample	Total/NA	Water	8260B	
MB 500-180334/6	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 180487

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-55200-7	Trip Blank 2	Total/NA	Water	8260B	
LCS 500-180487/31	Lab Control Sample	Total/NA	Water	8260B	
MB 500-180487/6	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 180640

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-55200-2	MW-101	Total/NA	Water	8260B	
500-55200-3	P-120	Total/NA	Water	8260B	
LCS 500-180640/4	Lab Control Sample	Total/NA	Water	8260B	
MB 500-180640/6	Method Blank	Total/NA	Water	8260B	

GC/MS Semi VOA

Prep Batch: 179991

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-55200-1	MW-2	Total/NA	Water	3510C	
500-55200-1 - DL	MW-2	Total/NA	Water	3510C	
500-55200-2	MW-101	Total/NA	Water	3510C	
500-55200-3	P-120	Total/NA	Water	3510C	
500-55200-4	MW-117	Total/NA	Water	3510C	
500-55200-5	MW-107	Total/NA	Water	3510C	
500-55200-5 - DL	MW-107	Total/NA	Water	3510C	
500-55200-6	MW-107 Dup	Total/NA	Water	3510C	
500-55200-6 - DL	MW-107 Dup	Total/NA	Water	3510C	
LCS 500-179991/2-A - RA	Lab Control Sample	Total/NA	Water	3510C	
LCS 500-179991/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 500-179991/3-A - RA	Lab Control Sample Dup	Total/NA	Water	3510C	
LCSD 500-179991/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
MB 500-179991/1-A	Method Blank	Total/NA	Water	3510C	

Analysis Batch: 180138

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-55200-1	MW-2	Total/NA	Water	8270D	179991
500-55200-2	MW-101	Total/NA	Water	8270D	179991
500-55200-3	P-120	Total/NA	Water	8270D	179991
LCS 500-179991/2-A - RA	Lab Control Sample	Total/NA	Water	8270D	179991
LCS 500-179991/2-A	Lab Control Sample	Total/NA	Water	8270D	179991

GC/MS Semi VOA (Continued)

Analysis Batch: 180138 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 500-179991/3-A - RA	Lab Control Sample Dup	Total/NA	Water	8270D	179991
LCSD 500-179991/3-A	Lab Control Sample Dup	Total/NA	Water	8270D	179991
MB 500-179991/1-A	Method Blank	Total/NA	Water	8270D	179991

Analysis Batch: 180294

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-55200-5	MW-107	Total/NA	Water	8270D	179991
500-55200-6	MW-107 Dup	Total/NA	Water	8270D	179991

Analysis Batch: 180413

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-55200-1 - DL	MW-2	Total/NA	Water	8270D	179991
500-55200-4	MW-117	Total/NA	Water	8270D	179991
500-55200-5 - DL	MW-107	Total/NA	Water	8270D	179991
500-55200-6 - DL	MW-107 Dup	Total/NA	Water	8270D	179991

Surrogate Summary

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-55200-1

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

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		12DCE	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(75-125)	(75-120)	(75-120)	(75-120)
500-55200-1	MW-2	110	95	96	96
500-55200-1 - DL	MW-2	113	94	96	96
500-55200-2	MW-101	107	90	89	95
500-55200-3	P-120	109	96	93	97
500-55200-4	MW-117	112	94	95	94
500-55200-4 - DL	MW-117	109	94	96	95
500-55200-5	MW-107	111	91	94	94
500-55200-5 - DL	MW-107	111	92	98	96
500-55200-6	MW-107 Dup	116	96	101	98
500-55200-6 - DL	MW-107 Dup	114	94	100	97
500-55200-7	Trip Blank 2	108	91	93	95
LCS 500-180334/4	Lab Control Sample	105	89	90	94
LCS 500-180487/31	Lab Control Sample	105	91	89	95
LCS 500-180640/4	Lab Control Sample	107	92	90	94
MB 500-180334/6	Method Blank	110	92	93	96
MB 500-180487/6	Method Blank	106	92	92	94
MB 500-180640/6	Method Blank	109	93	92	96

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: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		FBP	NBZ	TPH
Lab Sample ID	Client Sample ID	(48-110)	(41-110)	(44-132)
500-55200-1	MW-2	95	144 X	115
500-55200-1 - DL	MW-2	0 D	0 D	0 D
500-55200-2	MW-101	93	95	114
500-55200-3	P-120	88	93	114
500-55200-4	MW-117	0 D	0 D	0 D
500-55200-5	MW-107	111 X	57	174 X
500-55200-5 - DL	MW-107	0 D	0 D	0 D
500-55200-6	MW-107 Dup	84	57	175 X
500-55200-6 - DL	MW-107 Dup	0 D	0 D	0 D
LCS 500-179991/2-A	Lab Control Sample	101	115 X	119
LCSD 500-179991/3-A	Lab Control Sample Dup	108	119 X	125
MB 500-179991/1-A	Method Blank	91	98	122

Surrogate Legend

FBP = 2-Fluorobiphenyl
NBZ = Nitrobenzene-d5 (Surr)
TPH = Terphenyl-d14 (Surr)

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

Lab Sample ID: MB 500-180334/6
Matrix: Water
Analysis Batch: 180334

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	<0.25		1.0	0.25	ug/L			03/20/13 10:12	1
1,1,1-Trichloroethane	<0.20		1.0	0.20	ug/L			03/20/13 10:12	1
1,1,2,2-Tetrachloroethane	<0.23		1.0	0.23	ug/L			03/20/13 10:12	1
1,1,2-Trichloroethane	<0.28		1.0	0.28	ug/L			03/20/13 10:12	1
1,1-Dichloroethane	<0.19		1.0	0.19	ug/L			03/20/13 10:12	1
1,1-Dichloroethene	<0.31		1.0	0.31	ug/L			03/20/13 10:12	1
1,1-Dichloropropene	<0.34		1.0	0.34	ug/L			03/20/13 10:12	1
1,2,3-Trichlorobenzene	<0.24		1.0	0.24	ug/L			03/20/13 10:12	1
1,2,3-Trichloropropane	<0.45		1.0	0.45	ug/L			03/20/13 10:12	1
1,2,4-Trichlorobenzene	<0.31		1.0	0.31	ug/L			03/20/13 10:12	1
1,2,4-Trimethylbenzene	<0.14		1.0	0.14	ug/L			03/20/13 10:12	1
1,2-Dibromo-3-Chloropropane	<0.87		2.0	0.87	ug/L			03/20/13 10:12	1
1,2-Dibromoethane	<0.36		1.0	0.36	ug/L			03/20/13 10:12	1
1,2-Dichlorobenzene	<0.27		1.0	0.27	ug/L			03/20/13 10:12	1
1,2-Dichloroethane	<0.28		1.0	0.28	ug/L			03/20/13 10:12	1
1,2-Dichloropropane	<0.20		1.0	0.20	ug/L			03/20/13 10:12	1
1,3,5-Trimethylbenzene	<0.18		1.0	0.18	ug/L			03/20/13 10:12	1
1,3-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/20/13 10:12	1
1,3-Dichloropropane	<0.13		1.0	0.13	ug/L			03/20/13 10:12	1
1,4-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/20/13 10:12	1
2,2-Dichloropropane	<0.32		1.0	0.32	ug/L			03/20/13 10:12	1
2-Chlorotoluene	<0.21		1.0	0.21	ug/L			03/20/13 10:12	1
4-Chlorotoluene	<0.20		1.0	0.20	ug/L			03/20/13 10:12	1
Benzene	<0.074		0.50	0.074	ug/L			03/20/13 10:12	1
Bromobenzene	<0.25		1.0	0.25	ug/L			03/20/13 10:12	1
Bromochloromethane	<0.40		1.0	0.40	ug/L			03/20/13 10:12	1
Bromodichloromethane	<0.17		1.0	0.17	ug/L			03/20/13 10:12	1
Bromoform	<0.28		1.0	0.28	ug/L			03/20/13 10:12	1
Bromomethane	<0.31		1.0	0.31	ug/L			03/20/13 10:12	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/L			03/20/13 10:12	1
Chlorobenzene	<0.14		1.0	0.14	ug/L			03/20/13 10:12	1
Chloroethane	<0.34		1.0	0.34	ug/L			03/20/13 10:12	1
Chloroform	<0.20		1.0	0.20	ug/L			03/20/13 10:12	1
Chloromethane	<0.18		1.0	0.18	ug/L			03/20/13 10:12	1
cis-1,2-Dichloroethene	<0.12		1.0	0.12	ug/L			03/20/13 10:12	1
cis-1,3-Dichloropropene	<0.18		1.0	0.18	ug/L			03/20/13 10:12	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			03/20/13 10:12	1
Dibromomethane	<0.33		1.0	0.33	ug/L			03/20/13 10:12	1
Dichlorodifluoromethane	<0.20		1.0	0.20	ug/L			03/20/13 10:12	1
Ethylbenzene	<0.13		0.50	0.13	ug/L			03/20/13 10:12	1
Hexachlorobutadiene	<0.26		1.0	0.26	ug/L			03/20/13 10:12	1
Isopropyl ether	<0.15		1.0	0.15	ug/L			03/20/13 10:12	1
Isopropylbenzene	<0.14		1.0	0.14	ug/L			03/20/13 10:12	1
Methyl tert-butyl ether	<0.24		1.0	0.24	ug/L			03/20/13 10:12	1
Methylene Chloride	<0.68		5.0	0.68	ug/L			03/20/13 10:12	1
Naphthalene	<0.16		1.0	0.16	ug/L			03/20/13 10:12	1
n-Butylbenzene	<0.13		1.0	0.13	ug/L			03/20/13 10:12	1
N-Propylbenzene	<0.13		1.0	0.13	ug/L			03/20/13 10:12	1

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

Lab Sample ID: MB 500-180334/6
Matrix: Water
Analysis Batch: 180334

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
p-Isopropyltoluene	<0.17		1.0	0.17	ug/L			03/20/13 10:12	1
sec-Butylbenzene	<0.15		1.0	0.15	ug/L			03/20/13 10:12	1
Styrene	<0.10		1.0	0.10	ug/L			03/20/13 10:12	1
tert-Butylbenzene	<0.14		1.0	0.14	ug/L			03/20/13 10:12	1
Tetrachloroethene	<0.17		1.0	0.17	ug/L			03/20/13 10:12	1
Toluene	<0.11		0.50	0.11	ug/L			03/20/13 10:12	1
trans-1,2-Dichloroethene	<0.25		1.0	0.25	ug/L			03/20/13 10:12	1
trans-1,3-Dichloropropene	<0.21		1.0	0.21	ug/L			03/20/13 10:12	1
Trichloroethene	<0.19		0.50	0.19	ug/L			03/20/13 10:12	1
Trichlorofluoromethane	<0.19		1.0	0.19	ug/L			03/20/13 10:12	1
Vinyl chloride	<0.10		0.50	0.10	ug/L			03/20/13 10:12	1
Xylenes, Total	<0.068		1.0	0.068	ug/L			03/20/13 10:12	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*75 - 125*		*03/20/13 10:12*	*1*
4-Bromofluorobenzene (Surr)	*92*		*75 - 120*		*03/20/13 10:12*	*1*
Dibromofluoromethane	*93*		*75 - 120*		*03/20/13 10:12*	*1*
Toluene-d8 (Surr)	*96*		*75 - 120*		*03/20/13 10:12*	*1*

Lab Sample ID: LCS 500-180334/4
Matrix: Water
Analysis Batch: 180334

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	48.6		ug/L		97	75 - 120
1,1,1-Trichloroethane	50.0	48.3		ug/L		97	70 - 123
1,1,2,2-Tetrachloroethane	50.0	50.7		ug/L		101	70 - 128
1,1,2-Trichloroethane	50.0	49.2		ug/L		98	69 - 120
1,1-Dichloroethane	50.0	50.2		ug/L		100	68 - 121
1,1-Dichloroethene	50.0	44.8		ug/L		90	58 - 122
1,1-Dichloropropene	50.0	45.3		ug/L		91	70 - 120
1,2,3-Trichlorobenzene	50.0	52.5		ug/L		105	56 - 137
1,2,3-Trichloropropane	50.0	49.2		ug/L		98	70 - 120
1,2,4-Trichlorobenzene	50.0	49.9		ug/L		100	65 - 121
1,2,4-Trimethylbenzene	50.0	46.1		ug/L		92	75 - 121
1,2-Dibromo-3-Chloropropane	50.0	52.1		ug/L		104	60 - 121
1,2-Dibromoethane	50.0	51.8		ug/L		104	70 - 120
1,2-Dichlorobenzene	50.0	45.4		ug/L		91	75 - 120
1,2-Dichloroethane	50.0	54.0		ug/L		108	69 - 120
1,2-Dichloropropane	50.0	52.4		ug/L		105	70 - 120
1,3,5-Trimethylbenzene	50.0	46.4		ug/L		93	75 - 123
1,3-Dichlorobenzene	50.0	43.8		ug/L		88	70 - 120
1,3-Dichloropropane	50.0	51.6		ug/L		103	70 - 120
1,4-Dichlorobenzene	50.0	48.3		ug/L		97	75 - 120
2,2-Dichloropropane	50.0	45.0		ug/L		90	67 - 125
2-Chlorotoluene	50.0	41.9		ug/L		84	70 - 120
4-Chlorotoluene	50.0	42.1		ug/L		84	70 - 120
Benzene	50.0	45.5		ug/L		91	70 - 120

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

Lab Sample ID: LCS 500-180334/4
Matrix: Water
Analysis Batch: 180334

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromobenzene	50.0	48.6		ug/L		97	70 - 120
Bromochloromethane	50.0	48.7		ug/L		97	67 - 122
Bromodichloromethane	50.0	48.6		ug/L		97	70 - 120
Bromoform	50.0	53.8		ug/L		108	70 - 125
Bromomethane	50.0	44.4		ug/L		89	50 - 150
Carbon tetrachloride	50.0	48.0		ug/L		96	70 - 125
Chlorobenzene	50.0	45.7		ug/L		91	70 - 120
Chloroethane	50.0	53.5		ug/L		107	50 - 150
Chloroform	50.0	47.5		ug/L		95	70 - 120
Chloromethane	50.0	32.0		ug/L		64	50 - 134
cis-1,2-Dichloroethene	50.0	45.9		ug/L		92	70 - 120
cis-1,3-Dichloropropene	53.8	53.8		ug/L		100	70 - 120
Dibromochloromethane	50.0	50.1		ug/L		100	70 - 120
Dibromomethane	50.0	50.6		ug/L		101	70 - 120
Dichlorodifluoromethane	50.0	28.2		ug/L		56	40 - 140
Ethylbenzene	50.0	47.1		ug/L		94	75 - 120
Hexachlorobutadiene	50.0	51.2		ug/L		102	70 - 135
Isopropylbenzene	50.0	42.3		ug/L		85	70 - 120
Methyl tert-butyl ether	50.0	49.9		ug/L		100	58 - 122
Methylene Chloride	50.0	45.6		ug/L		91	65 - 125
Naphthalene	50.0	49.6		ug/L		99	55 - 132
n-Butylbenzene	50.0	45.6		ug/L		91	75 - 120
N-Propylbenzene	50.0	41.7		ug/L		83	70 - 120
p-Isopropyltoluene	50.0	43.2		ug/L		86	70 - 120
sec-Butylbenzene	50.0	43.1		ug/L		86	70 - 120
Styrene	50.0	48.5		ug/L		97	75 - 120
tert-Butylbenzene	50.0	42.9		ug/L		86	70 - 120
Tetrachloroethene	50.0	49.3		ug/L		99	70 - 123
Toluene	50.0	47.5		ug/L		95	70 - 120
trans-1,2-Dichloroethene	50.0	46.3		ug/L		93	70 - 124
trans-1,3-Dichloropropene	48.6	50.7		ug/L		104	70 - 120
Trichloroethene	50.0	47.8		ug/L		96	70 - 120
Trichlorofluoromethane	50.0	50.4		ug/L		101	63 - 134
Vinyl chloride	50.0	36.8		ug/L		74	62 - 138
Xylenes, Total	150	133		ug/L		88	70 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*105*		*75 - 125*
4-Bromofluorobenzene (Surr)	*89*		*75 - 120*
Dibromofluoromethane	*90*		*75 - 120*
Toluene-d8 (Surr)	*94*		*75 - 120*

Lab Sample ID: MB 500-180487/6
Matrix: Water
Analysis Batch: 180487

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	<0.25		1.0	0.25	ug/L			03/21/13 10:20	1

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

Lab Sample ID: MB 500-180487/6
Matrix: Water
Analysis Batch: 180487

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.20		1.0	0.20	ug/L			03/21/13 10:20	1
1,1,2,2-Tetrachloroethane	<0.23		1.0	0.23	ug/L			03/21/13 10:20	1
1,1,2-Trichloroethane	<0.28		1.0	0.28	ug/L			03/21/13 10:20	1
1,1-Dichloroethane	<0.19		1.0	0.19	ug/L			03/21/13 10:20	1
1,1-Dichloroethene	<0.31		1.0	0.31	ug/L			03/21/13 10:20	1
1,1-Dichloropropene	<0.34		1.0	0.34	ug/L			03/21/13 10:20	1
1,2,3-Trichlorobenzene	<0.24		1.0	0.24	ug/L			03/21/13 10:20	1
1,2,3-Trichloropropane	<0.45		1.0	0.45	ug/L			03/21/13 10:20	1
1,2,4-Trichlorobenzene	<0.31		1.0	0.31	ug/L			03/21/13 10:20	1
1,2,4-Trimethylbenzene	<0.14		1.0	0.14	ug/L			03/21/13 10:20	1
1,2-Dibromo-3-Chloropropane	<0.87		2.0	0.87	ug/L			03/21/13 10:20	1
1,2-Dibromoethane	<0.36		1.0	0.36	ug/L			03/21/13 10:20	1
1,2-Dichlorobenzene	<0.27		1.0	0.27	ug/L			03/21/13 10:20	1
1,2-Dichloroethane	<0.28		1.0	0.28	ug/L			03/21/13 10:20	1
1,2-Dichloropropane	<0.20		1.0	0.20	ug/L			03/21/13 10:20	1
1,3,5-Trimethylbenzene	<0.18		1.0	0.18	ug/L			03/21/13 10:20	1
1,3-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/21/13 10:20	1
1,3-Dichloropropane	<0.13		1.0	0.13	ug/L			03/21/13 10:20	1
1,4-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/21/13 10:20	1
2,2-Dichloropropane	<0.32		1.0	0.32	ug/L			03/21/13 10:20	1
2-Chlorotoluene	<0.21		1.0	0.21	ug/L			03/21/13 10:20	1
4-Chlorotoluene	<0.20		1.0	0.20	ug/L			03/21/13 10:20	1
Benzene	<0.074		0.50	0.074	ug/L			03/21/13 10:20	1
Bromobenzene	<0.25		1.0	0.25	ug/L			03/21/13 10:20	1
Bromochloromethane	<0.40		1.0	0.40	ug/L			03/21/13 10:20	1
Bromodichloromethane	<0.17		1.0	0.17	ug/L			03/21/13 10:20	1
Bromoform	<0.28		1.0	0.28	ug/L			03/21/13 10:20	1
Bromomethane	<0.31		1.0	0.31	ug/L			03/21/13 10:20	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/L			03/21/13 10:20	1
Chlorobenzene	<0.14		1.0	0.14	ug/L			03/21/13 10:20	1
Chloroethane	<0.34		1.0	0.34	ug/L			03/21/13 10:20	1
Chloroform	<0.20		1.0	0.20	ug/L			03/21/13 10:20	1
Chloromethane	<0.18		1.0	0.18	ug/L			03/21/13 10:20	1
cis-1,2-Dichloroethene	<0.12		1.0	0.12	ug/L			03/21/13 10:20	1
cis-1,3-Dichloropropene	<0.18		1.0	0.18	ug/L			03/21/13 10:20	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			03/21/13 10:20	1
Dibromomethane	<0.33		1.0	0.33	ug/L			03/21/13 10:20	1
Dichlorodifluoromethane	<0.20		1.0	0.20	ug/L			03/21/13 10:20	1
Ethylbenzene	<0.13		0.50	0.13	ug/L			03/21/13 10:20	1
Hexachlorobutadiene	<0.26		1.0	0.26	ug/L			03/21/13 10:20	1
Isopropyl ether	<0.15		1.0	0.15	ug/L			03/21/13 10:20	1
Isopropylbenzene	<0.14		1.0	0.14	ug/L			03/21/13 10:20	1
Methyl tert-butyl ether	<0.24		1.0	0.24	ug/L			03/21/13 10:20	1
Methylene Chloride	<0.68		5.0	0.68	ug/L			03/21/13 10:20	1
Naphthalene	<0.16		1.0	0.16	ug/L			03/21/13 10:20	1
n-Butylbenzene	<0.13		1.0	0.13	ug/L			03/21/13 10:20	1
N-Propylbenzene	<0.13		1.0	0.13	ug/L			03/21/13 10:20	1
p-Isopropyltoluene	<0.17		1.0	0.17	ug/L			03/21/13 10:20	1

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

Lab Sample ID: MB 500-180487/6
Matrix: Water
Analysis Batch: 180487

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.15		1.0	0.15	ug/L			03/21/13 10:20	1
Styrene	<0.10		1.0	0.10	ug/L			03/21/13 10:20	1
tert-Butylbenzene	<0.14		1.0	0.14	ug/L			03/21/13 10:20	1
Tetrachloroethene	<0.17		1.0	0.17	ug/L			03/21/13 10:20	1
Toluene	<0.11		0.50	0.11	ug/L			03/21/13 10:20	1
trans-1,2-Dichloroethene	<0.25		1.0	0.25	ug/L			03/21/13 10:20	1
trans-1,3-Dichloropropene	<0.21		1.0	0.21	ug/L			03/21/13 10:20	1
Trichloroethene	<0.19		0.50	0.19	ug/L			03/21/13 10:20	1
Trichlorofluoromethane	<0.19		1.0	0.19	ug/L			03/21/13 10:20	1
Vinyl chloride	<0.10		0.50	0.10	ug/L			03/21/13 10:20	1
Xylenes, Total	<0.068		1.0	0.068	ug/L			03/21/13 10:20	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*75 - 125*		*03/21/13 10:20*	*1*
4-Bromofluorobenzene (Surr)	*92*		*75 - 120*		*03/21/13 10:20*	*1*
Dibromofluoromethane	*92*		*75 - 120*		*03/21/13 10:20*	*1*
Toluene-d8 (Surr)	*94*		*75 - 120*		*03/21/13 10:20*	*1*

Lab Sample ID: LCS 500-180487/31
Matrix: Water
Analysis Batch: 180487

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	48.4		ug/L		97	75 - 120
1,1,1-Trichloroethane	50.0	47.6		ug/L		95	70 - 123
1,1,2,2-Tetrachloroethane	50.0	48.1		ug/L		96	70 - 128
1,1,2-Trichloroethane	50.0	46.7		ug/L		93	69 - 120
1,1-Dichloroethane	50.0	48.7		ug/L		97	68 - 121
1,1-Dichloroethene	50.0	43.4		ug/L		87	58 - 122
1,1-Dichloropropene	50.0	45.3		ug/L		91	70 - 120
1,2,3-Trichlorobenzene	50.0	52.0		ug/L		104	56 - 137
1,2,3-Trichloropropane	50.0	47.4		ug/L		95	70 - 120
1,2,4-Trichlorobenzene	50.0	50.1		ug/L		100	65 - 121
1,2,4-Trimethylbenzene	50.0	46.4		ug/L		93	75 - 121
1,2-Dibromo-3-Chloropropane	50.0	51.0		ug/L		102	60 - 121
1,2-Dibromoethane	50.0	49.5		ug/L		99	70 - 120
1,2-Dichlorobenzene	50.0	44.5		ug/L		89	75 - 120
1,2-Dichloroethane	50.0	53.3		ug/L		107	69 - 120
1,2-Dichloropropane	50.0	51.7		ug/L		103	70 - 120
1,3,5-Trimethylbenzene	50.0	46.8		ug/L		94	75 - 123
1,3-Dichlorobenzene	50.0	44.1		ug/L		88	70 - 120
1,3-Dichloropropane	50.0	49.9		ug/L		100	70 - 120
1,4-Dichlorobenzene	50.0	47.6		ug/L		95	75 - 120
2,2-Dichloropropane	50.0	44.2		ug/L		88	67 - 125
2-Chlorotoluene	50.0	42.1		ug/L		84	70 - 120
4-Chlorotoluene	50.0	42.4		ug/L		85	70 - 120
Benzene	50.0	45.9		ug/L		92	70 - 120
Bromobenzene	50.0	47.0		ug/L		94	70 - 120

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

Lab Sample ID: LCS 500-180487/31
Matrix: Water
Analysis Batch: 180487

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	47.5		ug/L		95	67 - 122
Bromodichloromethane	50.0	47.8		ug/L		96	70 - 120
Bromoform	50.0	52.7		ug/L		105	70 - 125
Bromomethane	50.0	69.8		ug/L		140	50 - 150
Carbon tetrachloride	50.0	48.0		ug/L		96	70 - 125
Chlorobenzene	50.0	45.8		ug/L		92	70 - 120
Chloroethane	50.0	60.1		ug/L		120	50 - 150
Chloroform	50.0	46.3		ug/L		93	70 - 120
Chloromethane	50.0	45.1		ug/L		90	50 - 134
cis-1,2-Dichloroethene	50.0	45.1		ug/L		90	70 - 120
cis-1,3-Dichloropropene	53.8	53.5		ug/L		100	70 - 120
Dibromochloromethane	50.0	48.2		ug/L		96	70 - 120
Dibromomethane	50.0	50.1		ug/L		100	70 - 120
Dichlorodifluoromethane	50.0	49.7		ug/L		99	40 - 140
Ethylbenzene	50.0	47.2		ug/L		94	75 - 120
Hexachlorobutadiene	50.0	51.3		ug/L		103	70 - 135
Isopropylbenzene	50.0	42.5		ug/L		85	70 - 120
Methyl tert-butyl ether	50.0	47.3		ug/L		95	58 - 122
Methylene Chloride	50.0	44.9		ug/L		90	65 - 125
Naphthalene	50.0	48.7		ug/L		97	55 - 132
n-Butylbenzene	50.0	46.3		ug/L		93	75 - 120
N-Propylbenzene	50.0	42.0		ug/L		84	70 - 120
p-Isopropyltoluene	50.0	43.3		ug/L		87	70 - 120
sec-Butylbenzene	50.0	43.5		ug/L		87	70 - 120
Styrene	50.0	48.5		ug/L		97	75 - 120
tert-Butylbenzene	50.0	43.3		ug/L		87	70 - 120
Tetrachloroethene	50.0	49.7		ug/L		99	70 - 123
Toluene	50.0	47.7		ug/L		95	70 - 120
trans-1,2-Dichloroethene	50.0	45.5		ug/L		91	70 - 124
trans-1,3-Dichloropropene	48.6	49.1		ug/L		101	70 - 120
Trichloroethene	50.0	47.9		ug/L		96	70 - 120
Trichlorofluoromethane	50.0	58.2		ug/L		116	63 - 134
Vinyl chloride	50.0	47.4		ug/L		95	62 - 138
Xylenes, Total	150	133		ug/L		89	70 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*105*		*75 - 125*
4-Bromofluorobenzene (Surr)	*91*		*75 - 120*
Dibromofluoromethane	*89*		*75 - 120*
Toluene-d8 (Surr)	*95*		*75 - 120*

Lab Sample ID: MB 500-180640/6
Matrix: Water
Analysis Batch: 180640

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	<0.25		1.0	0.25	ug/L			03/22/13 09:52	1
1,1,1-Trichloroethane	<0.20		1.0	0.20	ug/L			03/22/13 09:52	1

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

Lab Sample ID: MB 500-180640/6
Matrix: Water
Analysis Batch: 180640

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	<0.23		1.0	0.23	ug/L			03/22/13 09:52	1
1,1,2-Trichloroethane	<0.28		1.0	0.28	ug/L			03/22/13 09:52	1
1,1-Dichloroethane	<0.19		1.0	0.19	ug/L			03/22/13 09:52	1
1,1-Dichloroethene	<0.31		1.0	0.31	ug/L			03/22/13 09:52	1
1,1-Dichloropropene	<0.34		1.0	0.34	ug/L			03/22/13 09:52	1
1,2,3-Trichlorobenzene	<0.24		1.0	0.24	ug/L			03/22/13 09:52	1
1,2,3-Trichloropropane	<0.45		1.0	0.45	ug/L			03/22/13 09:52	1
1,2,4-Trichlorobenzene	<0.31		1.0	0.31	ug/L			03/22/13 09:52	1
1,2,4-Trimethylbenzene	<0.14		1.0	0.14	ug/L			03/22/13 09:52	1
1,2-Dibromo-3-Chloropropane	<0.87		2.0	0.87	ug/L			03/22/13 09:52	1
1,2-Dibromoethane	<0.36		1.0	0.36	ug/L			03/22/13 09:52	1
1,2-Dichlorobenzene	<0.27		1.0	0.27	ug/L			03/22/13 09:52	1
1,2-Dichloroethane	<0.28		1.0	0.28	ug/L			03/22/13 09:52	1
1,2-Dichloropropane	<0.20		1.0	0.20	ug/L			03/22/13 09:52	1
1,3,5-Trimethylbenzene	<0.18		1.0	0.18	ug/L			03/22/13 09:52	1
1,3-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/22/13 09:52	1
1,3-Dichloropropane	<0.13		1.0	0.13	ug/L			03/22/13 09:52	1
1,4-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/22/13 09:52	1
2,2-Dichloropropane	<0.32		1.0	0.32	ug/L			03/22/13 09:52	1
2-Chlorotoluene	<0.21		1.0	0.21	ug/L			03/22/13 09:52	1
4-Chlorotoluene	<0.20		1.0	0.20	ug/L			03/22/13 09:52	1
Benzene	<0.074		0.50	0.074	ug/L			03/22/13 09:52	1
Bromobenzene	<0.25		1.0	0.25	ug/L			03/22/13 09:52	1
Bromochloromethane	<0.40		1.0	0.40	ug/L			03/22/13 09:52	1
Bromodichloromethane	<0.17		1.0	0.17	ug/L			03/22/13 09:52	1
Bromoform	<0.28		1.0	0.28	ug/L			03/22/13 09:52	1
Bromomethane	<0.31		1.0	0.31	ug/L			03/22/13 09:52	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/L			03/22/13 09:52	1
Chlorobenzene	<0.14		1.0	0.14	ug/L			03/22/13 09:52	1
Chloroethane	<0.34		1.0	0.34	ug/L			03/22/13 09:52	1
Chloroform	<0.20		1.0	0.20	ug/L			03/22/13 09:52	1
Chloromethane	<0.18		1.0	0.18	ug/L			03/22/13 09:52	1
cis-1,2-Dichloroethene	<0.12		1.0	0.12	ug/L			03/22/13 09:52	1
cis-1,3-Dichloropropene	<0.18		1.0	0.18	ug/L			03/22/13 09:52	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			03/22/13 09:52	1
Dibromomethane	<0.33		1.0	0.33	ug/L			03/22/13 09:52	1
Dichlorodifluoromethane	<0.20		1.0	0.20	ug/L			03/22/13 09:52	1
Ethylbenzene	<0.13		0.50	0.13	ug/L			03/22/13 09:52	1
Hexachlorobutadiene	<0.26		1.0	0.26	ug/L			03/22/13 09:52	1
Isopropyl ether	<0.15		1.0	0.15	ug/L			03/22/13 09:52	1
Isopropylbenzene	<0.14		1.0	0.14	ug/L			03/22/13 09:52	1
Methyl tert-butyl ether	<0.24		1.0	0.24	ug/L			03/22/13 09:52	1
Methylene Chloride	<0.68		5.0	0.68	ug/L			03/22/13 09:52	1
Naphthalene	<0.16		1.0	0.16	ug/L			03/22/13 09:52	1
n-Butylbenzene	<0.13		1.0	0.13	ug/L			03/22/13 09:52	1
N-Propylbenzene	<0.13		1.0	0.13	ug/L			03/22/13 09:52	1
p-Isopropyltoluene	<0.17		1.0	0.17	ug/L			03/22/13 09:52	1
sec-Butylbenzene	<0.15		1.0	0.15	ug/L			03/22/13 09:52	1

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

Lab Sample ID: MB 500-180640/6
Matrix: Water
Analysis Batch: 180640

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	<0.10		1.0	0.10	ug/L			03/22/13 09:52	1
tert-Butylbenzene	<0.14		1.0	0.14	ug/L			03/22/13 09:52	1
Tetrachloroethene	<0.17		1.0	0.17	ug/L			03/22/13 09:52	1
Toluene	<0.11		0.50	0.11	ug/L			03/22/13 09:52	1
trans-1,2-Dichloroethene	<0.25		1.0	0.25	ug/L			03/22/13 09:52	1
trans-1,3-Dichloropropene	<0.21		1.0	0.21	ug/L			03/22/13 09:52	1
Trichloroethene	<0.19		0.50	0.19	ug/L			03/22/13 09:52	1
Trichlorofluoromethane	<0.19		1.0	0.19	ug/L			03/22/13 09:52	1
Vinyl chloride	<0.10		0.50	0.10	ug/L			03/22/13 09:52	1
Xylenes, Total	<0.068		1.0	0.068	ug/L			03/22/13 09:52	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*75 - 125*		*03/22/13 09:52*	*1*
4-Bromofluorobenzene (Surr)	*93*		*75 - 120*		*03/22/13 09:52*	*1*
Dibromofluoromethane	*92*		*75 - 120*		*03/22/13 09:52*	*1*
Toluene-d8 (Surr)	*96*		*75 - 120*		*03/22/13 09:52*	*1*

Lab Sample ID: LCS 500-180640/4
Matrix: Water
Analysis Batch: 180640

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	46.3		ug/L		93	75 - 120
1,1,1-Trichloroethane	50.0	45.9		ug/L		92	70 - 123
1,1,2,2-Tetrachloroethane	50.0	48.3		ug/L		97	70 - 128
1,1,2-Trichloroethane	50.0	46.7		ug/L		93	69 - 120
1,1-Dichloroethane	50.0	46.5		ug/L		93	68 - 121
1,1-Dichloroethene	50.0	40.5		ug/L		81	58 - 122
1,1-Dichloropropene	50.0	42.4		ug/L		85	70 - 120
1,2,3-Trichlorobenzene	50.0	51.4		ug/L		103	56 - 137
1,2,3-Trichloropropane	50.0	47.9		ug/L		96	70 - 120
1,2,4-Trichlorobenzene	50.0	48.2		ug/L		96	65 - 121
1,2,4-Trimethylbenzene	50.0	44.7		ug/L		89	75 - 121
1,2-Dibromo-3-Chloropropane	50.0	50.2		ug/L		100	60 - 121
1,2-Dibromoethane	50.0	49.1		ug/L		98	70 - 120
1,2-Dichlorobenzene	50.0	43.9		ug/L		88	75 - 120
1,2-Dichloroethane	50.0	52.9		ug/L		106	69 - 120
1,2-Dichloropropane	50.0	50.2		ug/L		100	70 - 120
1,3,5-Trimethylbenzene	50.0	45.0		ug/L		90	75 - 123
1,3-Dichlorobenzene	50.0	42.4		ug/L		85	70 - 120
1,3-Dichloropropane	50.0	49.1		ug/L		98	70 - 120
1,4-Dichlorobenzene	50.0	46.1		ug/L		92	75 - 120
2,2-Dichloropropane	50.0	42.7		ug/L		85	67 - 125
2-Chlorotoluene	50.0	40.8		ug/L		82	70 - 120
4-Chlorotoluene	50.0	40.9		ug/L		82	70 - 120
Benzene	50.0	43.2		ug/L		86	70 - 120
Bromobenzene	50.0	46.5		ug/L		93	70 - 120
Bromochloromethane	50.0	46.8		ug/L		94	67 - 122

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

Lab Sample ID: LCS 500-180640/4
Matrix: Water
Analysis Batch: 180640

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	46.0		ug/L		92	70 - 120
Bromoform	50.0	51.7		ug/L		103	70 - 125
Bromomethane	50.0	58.6		ug/L		117	50 - 150
Carbon tetrachloride	50.0	45.2		ug/L		90	70 - 125
Chlorobenzene	50.0	43.5		ug/L		87	70 - 120
Chloroethane	50.0	53.4		ug/L		107	50 - 150
Chloroform	50.0	45.0		ug/L		90	70 - 120
Chloromethane	50.0	38.9		ug/L		78	50 - 134
cis-1,2-Dichloroethene	50.0	43.5		ug/L		87	70 - 120
cis-1,3-Dichloropropene	53.8	52.3		ug/L		97	70 - 120
Dibromochloromethane	50.0	47.0		ug/L		94	70 - 120
Dibromomethane	50.0	48.8		ug/L		98	70 - 120
Dichlorodifluoromethane	50.0	39.6		ug/L		79	40 - 140
Ethylbenzene	50.0	44.9		ug/L		90	75 - 120
Hexachlorobutadiene	50.0	49.6		ug/L		99	70 - 135
Isopropylbenzene	50.0	40.8		ug/L		82	70 - 120
Methyl tert-butyl ether	50.0	47.9		ug/L		96	58 - 122
Methylene Chloride	50.0	42.5		ug/L		85	65 - 125
Naphthalene	50.0	48.6		ug/L		97	55 - 132
n-Butylbenzene	50.0	44.2		ug/L		88	75 - 120
N-Propylbenzene	50.0	40.5		ug/L		81	70 - 120
p-Isopropyltoluene	50.0	42.1		ug/L		84	70 - 120
sec-Butylbenzene	50.0	41.8		ug/L		84	70 - 120
Styrene	50.0	46.8		ug/L		94	75 - 120
tert-Butylbenzene	50.0	41.8		ug/L		84	70 - 120
Tetrachloroethene	50.0	46.7		ug/L		93	70 - 123
Toluene	50.0	45.2		ug/L		90	70 - 120
trans-1,2-Dichloroethene	50.0	42.1		ug/L		84	70 - 124
trans-1,3-Dichloropropene	48.6	48.5		ug/L		100	70 - 120
Trichloroethene	50.0	44.4		ug/L		89	70 - 120
Trichlorofluoromethane	50.0	53.2		ug/L		106	63 - 134
Vinyl chloride	50.0	43.5		ug/L		87	62 - 138
Xylenes, Total	150	127		ug/L		85	70 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*107*		*75 - 125*
4-Bromofluorobenzene (Surr)	*92*		*75 - 120*
Dibromofluoromethane	*90*		*75 - 120*
Toluene-d8 (Surr)	*94*		*75 - 120*

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

Lab Sample ID: MB 500-179991/1-A
Matrix: Water
Analysis Batch: 180138

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 179991

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.19		0.80	0.19	ug/L		03/15/13 07:25	03/18/13 12:43	1

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

Lab Sample ID: MB 500-179991/1-A
Matrix: Water
Analysis Batch: 180138

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 179991

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	<0.067		0.40	0.067	ug/L		03/15/13 07:25	03/18/13 12:43	1
Acenaphthene	<0.099		0.80	0.099	ug/L		03/15/13 07:25	03/18/13 12:43	1
Acenaphthylene	<0.11		0.80	0.11	ug/L		03/15/13 07:25	03/18/13 12:43	1
Anthracene	<0.15		0.80	0.15	ug/L		03/15/13 07:25	03/18/13 12:43	1
Benzo[a]anthracene	<0.052		0.16	0.052	ug/L		03/15/13 07:25	03/18/13 12:43	1
Benzo[a]pyrene	<0.061		0.16	0.061	ug/L		03/15/13 07:25	03/18/13 12:43	1
Benzo[b]fluoranthene	<0.065		0.16	0.065	ug/L		03/15/13 07:25	03/18/13 12:43	1
Benzo[g,h,i]perylene	<0.39		0.80	0.39	ug/L		03/15/13 07:25	03/18/13 12:43	1
Benzo[k]fluoranthene	<0.14		0.16	0.14	ug/L		03/15/13 07:25	03/18/13 12:43	1
Chrysene	<0.075		0.40	0.075	ug/L		03/15/13 07:25	03/18/13 12:43	1
Dibenz(a,h)anthracene	<0.091		0.24	0.091	ug/L		03/15/13 07:25	03/18/13 12:43	1
Fluoranthene	<0.16		0.80	0.16	ug/L		03/15/13 07:25	03/18/13 12:43	1
Fluorene	<0.13		0.80	0.13	ug/L		03/15/13 07:25	03/18/13 12:43	1
Indeno[1,2,3-cd]pyrene	<0.061		0.16	0.061	ug/L		03/15/13 07:25	03/18/13 12:43	1
Naphthalene	<0.12		0.80	0.12	ug/L		03/15/13 07:25	03/18/13 12:43	1
Phenanthrene	<0.17		0.80	0.17	ug/L		03/15/13 07:25	03/18/13 12:43	1
Pyrene	<0.18		0.80	0.18	ug/L		03/15/13 07:25	03/18/13 12:43	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*91*		*48 - 110*	*03/15/13 07:25*	*03/18/13 12:43*	*1*
Nitrobenzene-d5 (Surr)	*98*		*41 - 110*	*03/15/13 07:25*	*03/18/13 12:43*	*1*
Terphenyl-d14 (Surr)	*122*		*44 - 132*	*03/15/13 07:25*	*03/18/13 12:43*	*1*

Lab Sample ID: LCS 500-179991/2-A
Matrix: Water
Analysis Batch: 180138

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 179991

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Methylnaphthalene	40.0	29.6		ug/L		74	49 - 110
Acenaphthene	40.0	35.2		ug/L		88	60 - 110
Acenaphthylene	40.0	30.8		ug/L		77	62 - 110
Anthracene	40.0	36.1		ug/L		90	70 - 112
Benzo[a]anthracene	40.0	34.3		ug/L		86	74 - 115
Benzo[a]pyrene	40.0	38.7		ug/L		97	69 - 121
Benzo[b]fluoranthene	40.0	44.8		ug/L		112	66 - 121
Benzo[g,h,i]perylene	40.0	27.6	*	ug/L		69	70 - 131
Chrysene	40.0	30.3		ug/L		76	75 - 115
Dibenz(a,h)anthracene	40.0	31.0		ug/L		78	66 - 131
Fluoranthene	40.0	37.3		ug/L		93	71 - 122
Fluorene	40.0	37.0		ug/L		92	62 - 112
Indeno[1,2,3-cd]pyrene	40.0	31.0		ug/L		77	70 - 131
Naphthalene	40.0	31.5		ug/L		79	48 - 110
Phenanthrene	40.0	38.9		ug/L		97	69 - 116
Pyrene	40.0	33.7		ug/L		84	65 - 128

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl	*101*		*48 - 110*

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

Lab Sample ID: LCS 500-179991/2-A
Matrix: Water
Analysis Batch: 180138

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 179991

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Nitrobenzene-d5 (Surr)	*115*	*X*	*41 - 110*
Terphenyl-d14 (Surr)	*119*		*44 - 132*

Lab Sample ID: LCSD 500-179991/3-A
Matrix: Water
Analysis Batch: 180138

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 179991

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2-Methylnaphthalene			40.0	29.2		ug/L		73	49 - 110	1	20
Acenaphthene			40.0	38.2		ug/L		95	60 - 110	8	20
Acenaphthylene			40.0	33.9		ug/L		85	62 - 110	9	20
Anthracene			40.0	36.2		ug/L		91	70 - 112	0	20
Benzo[a]anthracene			40.0	34.8		ug/L		87	74 - 115	2	20
Benzo[a]pyrene			40.0	39.9		ug/L		100	69 - 121	3	20
Benzo[b]fluoranthene			40.0	44.5		ug/L		111	66 - 121	1	20
Benzo[g,h,i]perylene			40.0	28.9		ug/L		72	70 - 131	5	20
Chrysene			40.0	31.3		ug/L		78	75 - 115	3	20
Dibenz(a,h)anthracene			40.0	32.3		ug/L		81	66 - 131	4	20
Fluoranthene			40.0	37.9		ug/L		95	71 - 122	2	20
Fluorene			40.0	39.1		ug/L		98	62 - 112	6	20
Indeno[1,2,3-cd]pyrene			40.0	32.0		ug/L		80	70 - 131	3	20
Naphthalene			40.0	31.7		ug/L		79	48 - 110	0	20
Phenanthrene			40.0	41.7		ug/L		104	69 - 116	7	20
Pyrene			40.0	37.4		ug/L		93	65 - 128	10	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
2-Fluorobiphenyl	*108*		*48 - 110*
Nitrobenzene-d5 (Surr)	*119*	*X*	*41 - 110*
Terphenyl-d14 (Surr)	*125*		*44 - 132*

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

Lab Sample ID: LCS 500-179991/2-A
Matrix: Water
Analysis Batch: 180138

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 179991

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzo[k]fluoranthene - RA			40.0	48.8		ug/L		122	66 - 126		

Lab Sample ID: LCSD 500-179991/3-A
Matrix: Water
Analysis Batch: 180138

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 179991

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzo[k]fluoranthene - RA			40.0	55.3	*	ug/L		138	66 - 126	13	20

Lab Chronicle

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-55200-1

Client Sample ID: MW-2

Lab Sample ID: 500-55200-1

Date Collected: 03/11/13 11:25

Matrix: Water

Date Received: 03/14/13 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		10	180334	03/20/13 14:18	BDA	TAL CHI
Total/NA	Analysis	8260B	DL	100	180334	03/20/13 14:42	BDA	TAL CHI
Total/NA	Prep	3510C			179991	03/15/13 07:25	SCH	TAL CHI
Total/NA	Analysis	8270D		1	180138	03/18/13 15:29	PMF	TAL CHI
Total/NA	Prep	3510C	DL		179991	03/15/13 07:25	SCH	TAL CHI
Total/NA	Analysis	8270D	DL	100	180413	03/20/13 16:52	PMF	TAL CHI

Client Sample ID: MW-101

Lab Sample ID: 500-55200-2

Date Collected: 03/11/13 13:10

Matrix: Water

Date Received: 03/14/13 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	180640	03/22/13 10:17	BDA	TAL CHI
Total/NA	Prep	3510C			179991	03/15/13 07:25	SCH	TAL CHI
Total/NA	Analysis	8270D		1	180138	03/18/13 15:53	PMF	TAL CHI

Client Sample ID: P-120

Lab Sample ID: 500-55200-3

Date Collected: 03/13/13 09:40

Matrix: Water

Date Received: 03/14/13 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	180640	03/22/13 10:41	BDA	TAL CHI
Total/NA	Prep	3510C			179991	03/15/13 07:25	SCH	TAL CHI
Total/NA	Analysis	8270D		1	180138	03/18/13 16:17	PMF	TAL CHI

Client Sample ID: MW-117

Lab Sample ID: 500-55200-4

Date Collected: 03/13/13 10:45

Matrix: Water

Date Received: 03/14/13 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		10	180334	03/20/13 15:56	BDA	TAL CHI
Total/NA	Analysis	8260B	DL	100	180334	03/20/13 16:20	BDA	TAL CHI
Total/NA	Prep	3510C			179991	03/15/13 07:25	SCH	TAL CHI
Total/NA	Analysis	8270D		100	180413	03/20/13 17:17	PMF	TAL CHI

Client Sample ID: MW-107

Lab Sample ID: 500-55200-5

Date Collected: 03/13/13 11:35

Matrix: Water

Date Received: 03/14/13 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		20	180334	03/20/13 16:45	BDA	TAL CHI
Total/NA	Analysis	8260B	DL	200	180334	03/20/13 17:10	BDA	TAL CHI

Lab Chronicle

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201289.02

TestAmerica Job ID: 500-55200-1

Client Sample ID: MW-107

Lab Sample ID: 500-55200-5

Date Collected: 03/13/13 11:35
Matrix: Water
Date Received: 03/14/13 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			179991	03/15/13 07:25	SCH	TAL CHI
Total/NA	Analysis	8270D		10	180294	03/20/13 03:45	GES	TAL CHI
Total/NA	Prep	3510C	DL		179991	03/15/13 07:25	SCH	TAL CHI
Total/NA	Analysis	8270D	DL	100	180413	03/20/13 17:42	PMF	TAL CHI

Client Sample ID: MW-107 Dup

Lab Sample ID: 500-55200-6

Date Collected: 03/13/13 11:40
Matrix: Water
Date Received: 03/14/13 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		20	180334	03/20/13 17:34	BDA	TAL CHI
Total/NA	Analysis	8260B	DL	200	180334	03/20/13 17:59	BDA	TAL CHI
Total/NA	Prep	3510C			179991	03/15/13 07:25	SCH	TAL CHI
Total/NA	Analysis	8270D		10	180294	03/20/13 04:09	GES	TAL CHI
Total/NA	Prep	3510C	DL		179991	03/15/13 07:25	SCH	TAL CHI
Total/NA	Analysis	8270D	DL	100	180413	03/20/13 18:07	PMF	TAL CHI

Client Sample ID: Trip Blank 2

Lab Sample ID: 500-55200-7

Date Collected: 03/11/13 00:00
Matrix: Water
Date Received: 03/14/13 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	180487	03/21/13 10:44	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: 500-55200-1

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

(optional)
Report To
Contact: Mike Noel
Company: Tetra Tech
Address: 175 N. Corporate Dr Suite 100
Address: Brookfield, WI 53045
Phone: (262) 792-1282
Fax: (262) 792-1310
E-Mail:

(optional)
Bill To
Contact:
Company:
Address:
Address:
Phone:
Fax:
PO#/Reference#

Chain of Custody Record

Lab Job #: 500-55200
Chain of Custody Number:
Page ____ of ____
Temperature °C of Cooler: 2.1

Client: Tetra Tech
Client Project #: 117-2201289.02
Project Name: Beazer Oak Creek
Project Location/State: Oak Creek, WI
Lab Project #:
Sampler: Ashley A. Weimer
Lab PM:

Preservative: 1 = VOC 8260 B; 8 = PAH LV1

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

Lab ID	MS/MSD	Sample ID	2013 Sampling Date	Time	# of Containers	Matrix	1	8	Comments
1		MW-2	3-11	1125	5	W	✓	✓	
2		MW-101	↓	1310	5		✓	✓	
3		P-120	3-13	0940	5		✓	✓	
4		MW-117		1045	5		✓	✓	
5		MW-107		1135	5		✓	✓	
6		MW-107 DUP	↓	1140	5		✓	✓	
7		TRIP BLANK 2	—	—	2	↓	✓		

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 [X] 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
Ashley A. Weimer	TT	3-13-13	1700		TA	3/14/13	1020
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 = 7 day hold

Lab Comments:

TAL-4124-500 (1209)

Login Sample Receipt Checklist

Client: Tetra Tech GEO

Job Number: 500-55200-1

Login Number: 55200

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	2.1
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: 500-63022-1
Client Project/Site: Beazer Oak Creek - 117-2201

For:
Tetra Tech GEO
175 N Corporate Drive
Suite 100
Brookfield, Wisconsin 53045

Attn: Mr. Mike Noel

Sandie Fredrick

Authorized for release by:
9/30/2013 9:54:27 AM

Sandie Fredrick, Project Manager I
(920)261-1660
sandie.fredrick@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

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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Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201

TestAmerica Job ID: 500-63022-1

Job ID: 500-63022-1

Laboratory: TestAmerica Chicago

Narrative

Job Narrative
500-63022-1

Comments
No additional comments.

Receipt
The samples were received on 9/14/2013 9:25 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 3 coolers at receipt time were 2.7º C, 3.3º C and 3.7º C.

Except: Received broken 1 amber bottle for P-121, 1 remains

GC/MS VOA
No analytical or quality issues were noted.

GC/MS Semi VOA
Method(s) 8270D: Due to the level of dilution required for the following samples, surrogate recoveries are not reported: MW-107 (500-63022-19), MW-107 DUP (500-63022-20), MW-117 (500-63022-10), MW-117 DUP (500-63022-11), MW-2 (500-63022-18).

Method(s) 8270D: One surrogate failed to meet control limits for the following sample P-120 (500-63022-12). All surrogate recoveries were greater than 10%. No further action was taken.

Method(s) 8270D: The following samples were diluted due to the abundance of target and non-target analytes: MW-107 (500-63022-19), MW-107 DUP (500-63022-20), MW-117 (500-63022-10), MW-117 DUP (500-63022-11), MW-2 (500-63022-18). Elevated reporting limits (RLs) are provided.

No other analytical or quality issues were noted.

Organic Prep
Method(s) 3510C: 3510_LVI 8270

Due to the matrix, the following sample(s) could not be concentrated to the final method required volume: MW-117 (500-63022-10), MW-117 DUP (500-63022-11). The reporting limits (RLs) are elevated proportionately.

No other analytical or quality issues were noted.

Detection Summary

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201

TestAmerica Job ID: 500-63022-1

Client Sample ID: MW-111 — Lab Sample ID: 500-63022-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Anthracene	0.36	J	0.75	0.14	ug/L	1		8270D	Total/NA
Benzo[a]anthracene	0.42		0.15	0.049	ug/L	1		8270D	Total/NA
Benzo[a]pyrene	0.34		0.15	0.056	ug/L	1		8270D	Total/NA
Benzo[b]fluoranthene	0.47		0.15	0.061	ug/L	1		8270D	Total/NA
Benzo[k]fluoranthene	0.20		0.15	0.13	ug/L	1		8270D	Total/NA
Chrysene	0.48		0.37	0.070	ug/L	1		8270D	Total/NA
Fluoranthene	1.0		0.75	0.15	ug/L	1		8270D	Total/NA
Phenanthrene	0.63	J	0.75	0.16	ug/L	1		8270D	Total/NA
Pyrene	0.98		0.75	0.17	ug/L	1		8270D	Total/NA

Client Sample ID: MW-102 — Lab Sample ID: 500-63022-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	1.3		0.15	0.048	ug/L	1		8270D	Total/NA
Benzo[a]pyrene	1.4		0.15	0.056	ug/L	1		8270D	Total/NA
Benzo[b]fluoranthene	2.1		0.15	0.061	ug/L	1		8270D	Total/NA
Benzo[g,h,i]perylene	1.1		0.74	0.36	ug/L	1		8270D	Total/NA
Benzo[k]fluoranthene	0.75		0.15	0.13	ug/L	1		8270D	Total/NA
Chrysene	1.6		0.37	0.069	ug/L	1		8270D	Total/NA
Dibenz(a,h)anthracene	0.33		0.22	0.084	ug/L	1		8270D	Total/NA
Fluoranthene	1.7		0.74	0.15	ug/L	1		8270D	Total/NA
Indeno[1,2,3-cd]pyrene	0.93		0.15	0.057	ug/L	1		8270D	Total/NA
Phenanthrene	0.49	J	0.74	0.16	ug/L	1		8270D	Total/NA
Pyrene	1.8		0.74	0.17	ug/L	1		8270D	Total/NA

Client Sample ID: P-103 — Lab Sample ID: 500-63022-3

No Detections.

Client Sample ID: MW-104 — Lab Sample ID: 500-63022-4

No Detections.

Client Sample ID: MW-105 — Lab Sample ID: 500-63022-5

No Detections.

Client Sample ID: P-121 — Lab Sample ID: 500-63022-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ethylbenzene	0.36	J	0.50	0.13	ug/L	1		8260B	Total/NA
Naphthalene	7.2		1.0	0.16	ug/L	1		8260B	Total/NA
Toluene	0.33	J	0.50	0.11	ug/L	1		8260B	Total/NA
Xylenes, Total	1.2		1.0	0.068	ug/L	1		8260B	Total/NA
1-Methylnaphthalene	1.3		0.73	0.37	ug/L	1		8270D	Total/NA
2-Methylnaphthalene	1.6		0.37	0.062	ug/L	1		8270D	Total/NA
Acenaphthene	1.1		0.73	0.090	ug/L	1		8270D	Total/NA
Acenaphthylene	0.25	J	0.73	0.099	ug/L	1		8270D	Total/NA
Anthracene	1.3		0.73	0.14	ug/L	1		8270D	Total/NA
Benzo[a]anthracene	1.8		0.15	0.048	ug/L	1		8270D	Total/NA
Benzo[a]pyrene	1.1		0.15	0.055	ug/L	1		8270D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: P-121 (Continued) — Lab Sample ID: 500-63022-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[b]fluoranthene	1.5		0.15	0.060	ug/L	1		8270D	Total/NA
Benzo[g,h,i]perylene	0.47	J	0.73	0.35	ug/L	1		8270D	Total/NA
Benzo[k]fluoranthene	0.60		0.15	0.12	ug/L	1		8270D	Total/NA
Chrysene	1.9		0.37	0.068	ug/L	1		8270D	Total/NA
Dibenz(a,h)anthracene	0.15	J	0.22	0.083	ug/L	1		8270D	Total/NA
Fluoranthene	6.1		0.73	0.15	ug/L	1		8270D	Total/NA
Fluorene	1.2		0.73	0.12	ug/L	1		8270D	Total/NA
Indeno[1,2,3-cd]pyrene	0.45		0.15	0.056	ug/L	1		8270D	Total/NA
Naphthalene	5.6		0.73	0.11	ug/L	1		8270D	Total/NA
Phenanthrene	4.0		0.73	0.15	ug/L	1		8270D	Total/NA
Pyrene	5.3		0.73	0.17	ug/L	1		8270D	Total/NA

Client Sample ID: MW-108 — Lab Sample ID: 500-63022-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluoranthene	0.27	J	0.75	0.15	ug/L	1		8270D	Total/NA
Pyrene	0.24	J	0.75	0.17	ug/L	1		8270D	Total/NA

Client Sample ID: P-110 — Lab Sample ID: 500-63022-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	3.1		1.0	0.14	ug/L	1		8260B	Total/NA
1,3,5-Trimethylbenzene	0.90	J	1.0	0.18	ug/L	1		8260B	Total/NA
Benzene	0.63		0.50	0.074	ug/L	1		8260B	Total/NA
Ethylbenzene	2.5		0.50	0.13	ug/L	1		8260B	Total/NA
Toluene	2.3		0.50	0.11	ug/L	1		8260B	Total/NA
Xylenes, Total	6.5		1.0	0.068	ug/L	1		8260B	Total/NA
Naphthalene - DL	970		20	3.2	ug/L	20		8260B	Total/NA
Anthracene	0.73	J	0.74	0.14	ug/L	1		8270D	Total/NA
Benzo[a]anthracene	0.40		0.15	0.048	ug/L	1		8270D	Total/NA
Benzo[a]pyrene	0.37		0.15	0.056	ug/L	1		8270D	Total/NA
Benzo[b]fluoranthene	0.44		0.15	0.060	ug/L	1		8270D	Total/NA
Benzo[k]fluoranthene	0.26		0.15	0.12	ug/L	1		8270D	Total/NA
Chrysene	0.59		0.37	0.069	ug/L	1		8270D	Total/NA
Fluoranthene	1.2		0.74	0.15	ug/L	1		8270D	Total/NA
Indeno[1,2,3-cd]pyrene	0.17		0.15	0.057	ug/L	1		8270D	Total/NA
Naphthalene	0.40	J	0.74	0.11	ug/L	1		8270D	Total/NA
Phenanthrene	0.55	J	0.74	0.16	ug/L	1		8270D	Total/NA
Pyrene	0.96		0.74	0.17	ug/L	1		8270D	Total/NA

Client Sample ID: MW-116 — Lab Sample ID: 500-63022-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	1.1		1.0	0.16	ug/L	1		8260B	Total/NA
2-Methylnaphthalene	0.58		0.36	0.061	ug/L	1		8270D	Total/NA
Fluoranthene	0.24	J	0.73	0.15	ug/L	1		8270D	Total/NA
Naphthalene	6.1		0.73	0.11	ug/L	1		8270D	Total/NA
Pyrene	0.19	J	0.73	0.17	ug/L	1		8270D	Total/NA

Client Sample ID: MW-117 — Lab Sample ID: 500-63022-10

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-117 (Continued) — Lab Sample ID: 500-63022-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	510		10	1.4	ug/L	10		8260B	Total/NA
1,3,5-Trimethylbenzene	220		10	1.8	ug/L	10		8260B	Total/NA
Ethylbenzene	390		5.0	1.3	ug/L	10		8260B	Total/NA
Isopropylbenzene	21		10	1.4	ug/L	10		8260B	Total/NA
N-Propylbenzene	11		10	1.3	ug/L	10		8260B	Total/NA
Xylenes, Total	2500		10	0.68	ug/L	10		8260B	Total/NA
Benzene - DL	4100		50	7.4	ug/L	100		8260B	Total/NA
Toluene - DL	3800		50	11	ug/L	100		8260B	Total/NA
Naphthalene - DL2	18000		500	80	ug/L	500		8260B	Total/NA
1-Methylnaphthalene	840		300	150	ug/L	200		8270D	Total/NA
2-Methylnaphthalene	1600		150	25	ug/L	200		8270D	Total/NA
Acenaphthene	200	J	300	37	ug/L	200		8270D	Total/NA
Naphthalene	13000		300	46	ug/L	200		8270D	Total/NA
Phenanthrene	120	J	300	63	ug/L	200		8270D	Total/NA

Client Sample ID: MW-117 DUP — Lab Sample ID: 500-63022-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	530		10	1.4	ug/L	10		8260B	Total/NA
1,3,5-Trimethylbenzene	230		10	1.8	ug/L	10		8260B	Total/NA
Ethylbenzene	390		5.0	1.3	ug/L	10		8260B	Total/NA
Isopropylbenzene	23		10	1.4	ug/L	10		8260B	Total/NA
N-Propylbenzene	12		10	1.3	ug/L	10		8260B	Total/NA
Xylenes, Total	2500		10	0.68	ug/L	10		8260B	Total/NA
Benzene - DL	4900		50	7.4	ug/L	100		8260B	Total/NA
Toluene - DL	4400		50	11	ug/L	100		8260B	Total/NA
Naphthalene - DL2	17000		500	80	ug/L	500		8260B	Total/NA
1-Methylnaphthalene	850		300	150	ug/L	200		8270D	Total/NA
2-Methylnaphthalene	1700		150	25	ug/L	200		8270D	Total/NA
Acenaphthene	250	J	300	37	ug/L	200		8270D	Total/NA
Fluoranthene	110	J	300	61	ug/L	200		8270D	Total/NA
Naphthalene	12000		300	46	ug/L	200		8270D	Total/NA
Phenanthrene	260	J	300	63	ug/L	200		8270D	Total/NA
Pyrene	85	J	300	68	ug/L	200		8270D	Total/NA

Client Sample ID: P-120 — Lab Sample ID: 500-63022-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1-Methylnaphthalene	0.71	J	0.78	0.39	ug/L	1		8270D	Total/NA
2-Methylnaphthalene	1.0		0.39	0.066	ug/L	1		8270D	Total/NA
Acenaphthene	0.30	J	0.78	0.096	ug/L	1		8270D	Total/NA
Anthracene	0.23	J	0.78	0.14	ug/L	1		8270D	Total/NA
Benzo[a]anthracene	0.23		0.16	0.051	ug/L	1		8270D	Total/NA
Benzo[b]fluoranthene	0.24		0.16	0.064	ug/L	1		8270D	Total/NA
Benzo[k]fluoranthene	0.14	J	0.16	0.13	ug/L	1		8270D	Total/NA
Chrysene	0.45		0.39	0.073	ug/L	1		8270D	Total/NA
Fluoranthene	1.1		0.78	0.16	ug/L	1		8270D	Total/NA
Naphthalene	2.5		0.78	0.12	ug/L	1		8270D	Total/NA
Phenanthrene	1.2		0.78	0.17	ug/L	1		8270D	Total/NA
Pyrene	0.77	J	0.78	0.18	ug/L	1		8270D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201

TestAmerica Job ID: 500-63022-1

Client Sample ID: MW-1 — Lab Sample ID: 500-63022-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	3.7		0.75	0.12	ug/L	1		8270D	Total/NA

Client Sample ID: MW-112 — Lab Sample ID: 500-63022-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	5.8		0.76	0.12	ug/L	1		8270D	Total/NA

Client Sample ID: P-113 — Lab Sample ID: 500-63022-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	3.6		1.0	0.16	ug/L	1		8260B	Total/NA

Client Sample ID: MW-118 — Lab Sample ID: 500-63022-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	0.46		0.15	0.048	ug/L	1		8270D	Total/NA
Benzo[a]pyrene	0.56		0.15	0.056	ug/L	1		8270D	Total/NA
Benzo[b]fluoranthene	0.75		0.15	0.061	ug/L	1		8270D	Total/NA
Benzo[k]fluoranthene	0.31		0.15	0.13	ug/L	1		8270D	Total/NA
Chrysene	0.60		0.37	0.069	ug/L	1		8270D	Total/NA
Fluoranthene	0.62	J	0.74	0.15	ug/L	1		8270D	Total/NA
Indeno[1,2,3-cd]pyrene	0.28		0.15	0.057	ug/L	1		8270D	Total/NA
Naphthalene	1.5		0.74	0.11	ug/L	1		8270D	Total/NA
Pyrene	0.71	J	0.74	0.17	ug/L	1		8270D	Total/NA

Client Sample ID: MW-115 — Lab Sample ID: 500-63022-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Anthracene	0.16	J	0.74	0.14	ug/L	1		8270D	Total/NA
Benzo[a]anthracene	0.17		0.15	0.048	ug/L	1		8270D	Total/NA
Chrysene	0.22	J	0.37	0.069	ug/L	1		8270D	Total/NA
Fluoranthene	0.30	J	0.74	0.15	ug/L	1		8270D	Total/NA
Naphthalene	1.1		0.74	0.11	ug/L	1		8270D	Total/NA
Phenanthrene	0.24	J	0.74	0.16	ug/L	1		8270D	Total/NA
Pyrene	0.28	J	0.74	0.17	ug/L	1		8270D	Total/NA

Client Sample ID: MW-2 — Lab Sample ID: 500-63022-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	160		5.0	0.70	ug/L	5		8260B	Total/NA
1,3,5-Trimethylbenzene	9.2		5.0	0.90	ug/L	5		8260B	Total/NA
Benzene	100		2.5	0.37	ug/L	5		8260B	Total/NA
Ethylbenzene	130		2.5	0.65	ug/L	5		8260B	Total/NA
Isopropylbenzene	12		5.0	0.70	ug/L	5		8260B	Total/NA
N-Propylbenzene	4.3	J	5.0	0.65	ug/L	5		8260B	Total/NA
Toluene	30		2.5	0.55	ug/L	5		8260B	Total/NA
Xylenes, Total	240		5.0	0.34	ug/L	5		8260B	Total/NA
Naphthalene - DL	3300		50	8.0	ug/L	50		8260B	Total/NA
1-Methylnaphthalene	140		3.7	1.9	ug/L	5		8270D	Total/NA
2-Methylnaphthalene	5.2		1.9	0.31	ug/L	5		8270D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-2 (Continued) — Lab Sample ID: 500-63022-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	65		3.7	0.46	ug/L	5		8270D	Total/NA
Acenaphthylene	13		3.7	0.50	ug/L	5		8270D	Total/NA
Anthracene	1.5	J	3.7	0.69	ug/L	5		8270D	Total/NA
Fluoranthene	4.0		3.7	0.76	ug/L	5		8270D	Total/NA
Fluorene	20		3.7	0.62	ug/L	5		8270D	Total/NA
Phenanthrene	25		3.7	0.78	ug/L	5		8270D	Total/NA
Pyrene	2.7	J	3.7	0.84	ug/L	5		8270D	Total/NA
Naphthalene - DL	1700		74	12	ug/L	100		8270D	Total/NA

Client Sample ID: MW-107 — Lab Sample ID: 500-63022-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	340		20	2.8	ug/L	20		8260B	Total/NA
1,3,5-Trimethylbenzene	88		20	3.6	ug/L	20		8260B	Total/NA
Benzene	2900		10	1.5	ug/L	20		8260B	Total/NA
Ethylbenzene	550		10	2.6	ug/L	20		8260B	Total/NA
Isopropylbenzene	29		20	2.8	ug/L	20		8260B	Total/NA
N-Propylbenzene	13	J	20	2.6	ug/L	20		8260B	Total/NA
Toluene	91		10	2.2	ug/L	20		8260B	Total/NA
Xylenes, Total	1800		20	1.4	ug/L	20		8260B	Total/NA
Naphthalene - DL	15000		200	32	ug/L	200		8260B	Total/NA
1-Methylnaphthalene	370		18	9.2	ug/L	25		8270D	Total/NA
2-Methylnaphthalene	650		9.2	1.6	ug/L	25		8270D	Total/NA
Acenaphthene	230		18	2.3	ug/L	25		8270D	Total/NA
Anthracene	14	J	18	3.4	ug/L	25		8270D	Total/NA
Fluoranthene	14	J	18	3.8	ug/L	25		8270D	Total/NA
Fluorene	100		18	3.1	ug/L	25		8270D	Total/NA
Phenanthrene	100		18	3.9	ug/L	25		8270D	Total/NA
Pyrene	9.9	J	18	4.2	ug/L	25		8270D	Total/NA
Naphthalene - DL	6600		370	57	ug/L	500		8270D	Total/NA

Client Sample ID: MW-107 DUP — Lab Sample ID: 500-63022-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	340		20	2.8	ug/L	20		8260B	Total/NA
1,3,5-Trimethylbenzene	91		20	3.6	ug/L	20		8260B	Total/NA
Benzene	2800		10	1.5	ug/L	20		8260B	Total/NA
Ethylbenzene	570		10	2.6	ug/L	20		8260B	Total/NA
Isopropylbenzene	31		20	2.8	ug/L	20		8260B	Total/NA
N-Propylbenzene	12	J	20	2.6	ug/L	20		8260B	Total/NA
Toluene	99		10	2.2	ug/L	20		8260B	Total/NA
Xylenes, Total	1800		20	1.4	ug/L	20		8260B	Total/NA
Naphthalene - DL	14000		200	32	ug/L	200		8260B	Total/NA
1-Methylnaphthalene	380		19	9.4	ug/L	25		8270D	Total/NA
2-Methylnaphthalene	660		9.4	1.6	ug/L	25		8270D	Total/NA
Acenaphthene	230		19	2.3	ug/L	25		8270D	Total/NA
Anthracene	14	J	19	3.5	ug/L	25		8270D	Total/NA
Fluoranthene	15	J	19	3.8	ug/L	25		8270D	Total/NA
Fluorene	110		19	3.1	ug/L	25		8270D	Total/NA
Phenanthrene	100		19	4.0	ug/L	25		8270D	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201

TestAmerica Job ID: 500-63022-1

Client Sample ID: MW-107 DUP (Continued)

Lab Sample ID: 500-63022-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Pyrene	12	J	19	4.3	ug/L	25		8270D	Total/NA
Naphthalene - DL	7000		370	58	ug/L	500		8270D	Total/NA

Client Sample ID: TRIP BLANK

Lab Sample ID: 500-63022-21

No Detections.

This Detection Summary does not include radiochemical test results.

Method Summary

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201

TestAmerica Job ID: 500-63022-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL CHI
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL CHI

Protocol References:

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 - 117-2201

TestAmerica Job ID: 500-63022-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-63022-1	MW-111	Water	09/12/13 10:20	09/14/13 09:25
500-63022-2	MW-102	Water	09/12/13 11:00	09/14/13 09:25
500-63022-3	P-103	Water	09/12/13 10:40	09/14/13 09:25
500-63022-4	MW-104	Water	09/12/13 11:15	09/14/13 09:25
500-63022-5	MW-105	Water	09/12/13 11:30	09/14/13 09:25
500-63022-6	P-121	Water	09/12/13 11:50	09/14/13 09:25
500-63022-7	MW-108	Water	09/12/13 12:10	09/14/13 09:25
500-63022-8	P-110	Water	09/12/13 12:30	09/14/13 09:25
500-63022-9	MW-116	Water	09/12/13 12:45	09/14/13 09:25
500-63022-10	MW-117	Water	09/12/13 13:05	09/14/13 09:25
500-63022-11	MW-117 DUP	Water	09/12/13 13:10	09/14/13 09:25
500-63022-12	P-120	Water	09/12/13 13:25	09/14/13 09:25
500-63022-13	MW-1	Water	09/13/13 10:55	09/14/13 09:25
500-63022-14	MW-112	Water	09/13/13 11:30	09/14/13 09:25
500-63022-15	P-113	Water	09/13/13 11:45	09/14/13 09:25
500-63022-16	MW-118	Water	09/13/13 12:00	09/14/13 09:25
500-63022-17	MW-115	Water	09/13/13 12:20	09/14/13 09:25
500-63022-18	MW-2	Water	09/13/13 10:35	09/14/13 09:25
500-63022-19	MW-107	Water	09/13/13 13:45	09/14/13 09:25
500-63022-20	MW-107 DUP	Water	09/13/13 13:50	09/14/13 09:25
500-63022-21	TRIP BLANK	Water	09/12/13 00:00	09/14/13 09:25

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201

TestAmerica Job ID: 500-63022-1

Client Sample ID: MW-111
Date Collected: 09/12/13 10:20
Date Received: 09/14/13 09:25

Lab Sample ID: 500-63022-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.25		1.0	0.25	ug/L			09/20/13 01:07	1
1,1,1-Trichloroethane	<0.20		1.0	0.20	ug/L			09/20/13 01:07	1
1,1,2,2-Tetrachloroethane	<0.23		1.0	0.23	ug/L			09/20/13 01:07	1
1,1,2-Trichloroethane	<0.28		1.0	0.28	ug/L			09/20/13 01:07	1
1,1-Dichloroethane	<0.19		1.0	0.19	ug/L			09/20/13 01:07	1
1,1-Dichloroethene	<0.31		1.0	0.31	ug/L			09/20/13 01:07	1
1,1-Dichloropropene	<0.34		1.0	0.34	ug/L			09/20/13 01:07	1
1,2,3-Trichlorobenzene	<0.24		1.0	0.24	ug/L			09/20/13 01:07	1
1,2,3-Trichloropropane	<0.45		1.0	0.45	ug/L			09/20/13 01:07	1
1,2,4-Trichlorobenzene	<0.31		1.0	0.31	ug/L			09/20/13 01:07	1
1,2,4-Trimethylbenzene	<0.14		1.0	0.14	ug/L			09/20/13 01:07	1
1,2-Dibromo-3-Chloropropane	<0.87		2.0	0.87	ug/L			09/20/13 01:07	1
1,2-Dibromoethane	<0.36		1.0	0.36	ug/L			09/20/13 01:07	1
1,2-Dichlorobenzene	<0.27		1.0	0.27	ug/L			09/20/13 01:07	1
1,2-Dichloroethane	<0.28		1.0	0.28	ug/L			09/20/13 01:07	1
1,2-Dichloropropane	<0.20		1.0	0.20	ug/L			09/20/13 01:07	1
1,3,5-Trimethylbenzene	<0.18		1.0	0.18	ug/L			09/20/13 01:07	1
1,3-Dichlorobenzene	<0.15		1.0	0.15	ug/L			09/20/13 01:07	1
1,3-Dichloropropane	<0.13		1.0	0.13	ug/L			09/20/13 01:07	1
1,4-Dichlorobenzene	<0.15		1.0	0.15	ug/L			09/20/13 01:07	1
2,2-Dichloropropane	<0.32		1.0	0.32	ug/L			09/20/13 01:07	1
2-Chlorotoluene	<0.21		1.0	0.21	ug/L			09/20/13 01:07	1
4-Chlorotoluene	<0.20		1.0	0.20	ug/L			09/20/13 01:07	1
Benzene	<0.074		0.50	0.074	ug/L			09/20/13 01:07	1
Bromobenzene	<0.25		1.0	0.25	ug/L			09/20/13 01:07	1
Bromochloromethane	<0.40		1.0	0.40	ug/L			09/20/13 01:07	1
Bromodichloromethane	<0.17		1.0	0.17	ug/L			09/20/13 01:07	1
Bromoform	<0.28		1.0	0.28	ug/L			09/20/13 01:07	1
Bromomethane	<0.31		1.0	0.31	ug/L			09/20/13 01:07	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/L			09/20/13 01:07	1
Chlorobenzene	<0.14		1.0	0.14	ug/L			09/20/13 01:07	1
Chloroethane	<0.34		1.0	0.34	ug/L			09/20/13 01:07	1
Chloroform	<0.20		1.0	0.20	ug/L			09/20/13 01:07	1
Chloromethane	<0.18		1.0	0.18	ug/L			09/20/13 01:07	1
cis-1,2-Dichloroethene	<0.12		1.0	0.12	ug/L			09/20/13 01:07	1
cis-1,3-Dichloropropene	<0.18		1.0	0.18	ug/L			09/20/13 01:07	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			09/20/13 01:07	1
Dibromomethane	<0.33		1.0	0.33	ug/L			09/20/13 01:07	1
Dichlorodifluoromethane	<0.20		1.0	0.20	ug/L			09/20/13 01:07	1
Ethylbenzene	<0.13		0.50	0.13	ug/L			09/20/13 01:07	1
Hexachlorobutadiene	<0.26		1.0	0.26	ug/L			09/20/13 01:07	1
Isopropyl ether	<0.15		1.0	0.15	ug/L			09/20/13 01:07	1
Isopropylbenzene	<0.14		1.0	0.14	ug/L			09/20/13 01:07	1
Methyl tert-butyl ether	<0.24		1.0	0.24	ug/L			09/20/13 01:07	1
Methylene Chloride	<0.68		5.0	0.68	ug/L			09/20/13 01:07	1
Naphthalene	<0.16		1.0	0.16	ug/L			09/20/13 01:07	1
n-Butylbenzene	<0.13		1.0	0.13	ug/L			09/20/13 01:07	1
N-Propylbenzene	<0.13		1.0	0.13	ug/L			09/20/13 01:07	1
p-Isopropyltoluene	<0.17		1.0	0.17	ug/L			09/20/13 01:07	1

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201

TestAmerica Job ID: 500-63022-1

Client Sample ID: MW-111
Date Collected: 09/12/13 10:20
Date Received: 09/14/13 09:25

Lab Sample ID: 500-63022-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.15		1.0	0.15	ug/L			09/20/13 01:07	1
Styrene	<0.10		1.0	0.10	ug/L			09/20/13 01:07	1
tert-Butylbenzene	<0.14		1.0	0.14	ug/L			09/20/13 01:07	1
Tetrachloroethene	<0.17		1.0	0.17	ug/L			09/20/13 01:07	1
Toluene	<0.11		0.50	0.11	ug/L			09/20/13 01:07	1
trans-1,2-Dichloroethene	<0.25		1.0	0.25	ug/L			09/20/13 01:07	1
trans-1,3-Dichloropropene	<0.21		1.0	0.21	ug/L			09/20/13 01:07	1
Trichloroethene	<0.19		0.50	0.19	ug/L			09/20/13 01:07	1
Trichlorofluoromethane	<0.19		1.0	0.19	ug/L			09/20/13 01:07	1
Vinyl chloride	<0.10		0.50	0.10	ug/L			09/20/13 01:07	1
Xylenes, Total	<0.068		1.0	0.068	ug/L			09/20/13 01:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*75 - 125*		*09/20/13 01:07*	*1*
4-Bromofluorobenzene (Surr)	*100*		*75 - 120*		*09/20/13 01:07*	*1*
Dibromofluoromethane	*105*		*75 - 120*		*09/20/13 01:07*	*1*
Toluene-d8 (Surr)	*103*		*75 - 120*		*09/20/13 01:07*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.37		0.75	0.37	ug/L		09/19/13 07:54	09/23/13 10:06	1
2-Methylnaphthalene	<0.063		0.37	0.063	ug/L		09/19/13 07:54	09/23/13 10:06	1
Acenaphthene	<0.092		0.75	0.092	ug/L		09/19/13 07:54	09/23/13 10:06	1
Acenaphthylene	<0.10		0.75	0.10	ug/L		09/19/13 07:54	09/23/13 10:06	1
Anthracene	**0.36**	**J**	0.75	0.14	ug/L		09/19/13 07:54	09/23/13 10:06	1
Benzo[a]anthracene	**0.42**		0.15	0.049	ug/L		09/19/13 07:54	09/23/13 10:06	1
Benzo[a]pyrene	**0.34**		0.15	0.056	ug/L		09/19/13 07:54	09/23/13 10:06	1
Benzo[b]fluoranthene	**0.47**		0.15	0.061	ug/L		09/19/13 07:54	09/23/13 10:06	1
Benzo[g,h,i]perylene	<0.36		0.75	0.36	ug/L		09/19/13 07:54	09/23/13 10:06	1
Benzo[k]fluoranthene	**0.20**		0.15	0.13	ug/L		09/19/13 07:54	09/23/13 10:06	1
Chrysene	**0.48**		0.37	0.070	ug/L		09/19/13 07:54	09/23/13 10:06	1
Dibenz(a,h)anthracene	<0.085		0.22	0.085	ug/L		09/19/13 07:54	09/23/13 10:06	1
Fluoranthene	**1.0**		0.75	0.15	ug/L		09/19/13 07:54	09/23/13 10:06	1
Fluorene	<0.13		0.75	0.13	ug/L		09/19/13 07:54	09/23/13 10:06	1
Indeno[1,2,3-cd]pyrene	<0.057		0.15	0.057	ug/L		09/19/13 07:54	09/23/13 10:06	1
Naphthalene	<0.12		0.75	0.12	ug/L		09/19/13 07:54	09/23/13 10:06	1
Phenanthrene	**0.63**	**J**	0.75	0.16	ug/L		09/19/13 07:54	09/23/13 10:06	1
Pyrene	**0.98**		0.75	0.17	ug/L		09/19/13 07:54	09/23/13 10:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*73*		*41 - 132*	*09/19/13 07:54*	*09/23/13 10:06*	*1*
Nitrobenzene-d5 (Surr)	*78*		*47 - 134*	*09/19/13 07:54*	*09/23/13 10:06*	*1*
Terphenyl-d14 (Surr)	*86*		*59 - 150*	*09/19/13 07:54*	*09/23/13 10:06*	*1*

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201

TestAmerica Job ID: 500-63022-1

Client Sample ID: MW-102
Date Collected: 09/12/13 11:00
Date Received: 09/14/13 09:25

Lab Sample ID: 500-63022-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.25		1.0	0.25	ug/L			09/20/13 01:32	1
1,1,1-Trichloroethane	<0.20		1.0	0.20	ug/L			09/20/13 01:32	1
1,1,2,2-Tetrachloroethane	<0.23		1.0	0.23	ug/L			09/20/13 01:32	1
1,1,2-Trichloroethane	<0.28		1.0	0.28	ug/L			09/20/13 01:32	1
1,1-Dichloroethane	<0.19		1.0	0.19	ug/L			09/20/13 01:32	1
1,1-Dichloroethene	<0.31		1.0	0.31	ug/L			09/20/13 01:32	1
1,1-Dichloropropene	<0.34		1.0	0.34	ug/L			09/20/13 01:32	1
1,2,3-Trichlorobenzene	<0.24		1.0	0.24	ug/L			09/20/13 01:32	1
1,2,3-Trichloropropane	<0.45		1.0	0.45	ug/L			09/20/13 01:32	1
1,2,4-Trichlorobenzene	<0.31		1.0	0.31	ug/L			09/20/13 01:32	1
1,2,4-Trimethylbenzene	<0.14		1.0	0.14	ug/L			09/20/13 01:32	1
1,2-Dibromo-3-Chloropropane	<0.87		2.0	0.87	ug/L			09/20/13 01:32	1
1,2-Dibromoethane	<0.36		1.0	0.36	ug/L			09/20/13 01:32	1
1,2-Dichlorobenzene	<0.27		1.0	0.27	ug/L			09/20/13 01:32	1
1,2-Dichloroethane	<0.28		1.0	0.28	ug/L			09/20/13 01:32	1
1,2-Dichloropropane	<0.20		1.0	0.20	ug/L			09/20/13 01:32	1
1,3,5-Trimethylbenzene	<0.18		1.0	0.18	ug/L			09/20/13 01:32	1
1,3-Dichlorobenzene	<0.15		1.0	0.15	ug/L			09/20/13 01:32	1
1,3-Dichloropropane	<0.13		1.0	0.13	ug/L			09/20/13 01:32	1
1,4-Dichlorobenzene	<0.15		1.0	0.15	ug/L			09/20/13 01:32	1
2,2-Dichloropropane	<0.32		1.0	0.32	ug/L			09/20/13 01:32	1
2-Chlorotoluene	<0.21		1.0	0.21	ug/L			09/20/13 01:32	1
4-Chlorotoluene	<0.20		1.0	0.20	ug/L			09/20/13 01:32	1
Benzene	<0.074		0.50	0.074	ug/L			09/20/13 01:32	1
Bromobenzene	<0.25		1.0	0.25	ug/L			09/20/13 01:32	1
Bromochloromethane	<0.40		1.0	0.40	ug/L			09/20/13 01:32	1
Bromodichloromethane	<0.17		1.0	0.17	ug/L			09/20/13 01:32	1
Bromoform	<0.28		1.0	0.28	ug/L			09/20/13 01:32	1
Bromomethane	<0.31		1.0	0.31	ug/L			09/20/13 01:32	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/L			09/20/13 01:32	1
Chlorobenzene	<0.14		1.0	0.14	ug/L			09/20/13 01:32	1
Chloroethane	<0.34		1.0	0.34	ug/L			09/20/13 01:32	1
Chloroform	<0.20		1.0	0.20	ug/L			09/20/13 01:32	1
Chloromethane	<0.18		1.0	0.18	ug/L			09/20/13 01:32	1
cis-1,2-Dichloroethene	<0.12		1.0	0.12	ug/L			09/20/13 01:32	1
cis-1,3-Dichloropropene	<0.18		1.0	0.18	ug/L			09/20/13 01:32	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			09/20/13 01:32	1
Dibromomethane	<0.33		1.0	0.33	ug/L			09/20/13 01:32	1
Dichlorodifluoromethane	<0.20		1.0	0.20	ug/L			09/20/13 01:32	1
Ethylbenzene	<0.13		0.50	0.13	ug/L			09/20/13 01:32	1
Hexachlorobutadiene	<0.26		1.0	0.26	ug/L			09/20/13 01:32	1
Isopropyl ether	<0.15		1.0	0.15	ug/L			09/20/13 01:32	1
Isopropylbenzene	<0.14		1.0	0.14	ug/L			09/20/13 01:32	1
Methyl tert-butyl ether	<0.24		1.0	0.24	ug/L			09/20/13 01:32	1
Methylene Chloride	<0.68		5.0	0.68	ug/L			09/20/13 01:32	1
Naphthalene	<0.16		1.0	0.16	ug/L			09/20/13 01:32	1
n-Butylbenzene	<0.13		1.0	0.13	ug/L			09/20/13 01:32	1
N-Propylbenzene	<0.13		1.0	0.13	ug/L			09/20/13 01:32	1
p-Isopropyltoluene	<0.17		1.0	0.17	ug/L			09/20/13 01:32	1

Client Sample ID: MW-102
Date Collected: 09/12/13 11:00
Date Received: 09/14/13 09:25

Lab Sample ID: 500-63022-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.15		1.0	0.15	ug/L			09/20/13 01:32	1
Styrene	<0.10		1.0	0.10	ug/L			09/20/13 01:32	1
tert-Butylbenzene	<0.14		1.0	0.14	ug/L			09/20/13 01:32	1
Tetrachloroethene	<0.17		1.0	0.17	ug/L			09/20/13 01:32	1
Toluene	<0.11		0.50	0.11	ug/L			09/20/13 01:32	1
trans-1,2-Dichloroethene	<0.25		1.0	0.25	ug/L			09/20/13 01:32	1
trans-1,3-Dichloropropene	<0.21		1.0	0.21	ug/L			09/20/13 01:32	1
Trichloroethene	<0.19		0.50	0.19	ug/L			09/20/13 01:32	1
Trichlorofluoromethane	<0.19		1.0	0.19	ug/L			09/20/13 01:32	1
Vinyl chloride	<0.10		0.50	0.10	ug/L			09/20/13 01:32	1
Xylenes, Total	<0.068		1.0	0.068	ug/L			09/20/13 01:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*75 - 125*		*09/20/13 01:32*	*1*
4-Bromofluorobenzene (Surr)	*99*		*75 - 120*		*09/20/13 01:32*	*1*
Dibromofluoromethane	*107*		*75 - 120*		*09/20/13 01:32*	*1*
Toluene-d8 (Surr)	*101*		*75 - 120*		*09/20/13 01:32*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.37		0.74	0.37	ug/L		09/19/13 07:54	09/23/13 10:30	1
2-Methylnaphthalene	<0.062		0.37	0.062	ug/L		09/19/13 07:54	09/23/13 10:30	1
Acenaphthene	<0.091		0.74	0.091	ug/L		09/19/13 07:54	09/23/13 10:30	1
Acenaphthylene	<0.10		0.74	0.10	ug/L		09/19/13 07:54	09/23/13 10:30	1
Anthracene	<0.14		0.74	0.14	ug/L		09/19/13 07:54	09/23/13 10:30	1
Benzo[a]anthracene	**1.3**		0.15	0.048	ug/L		09/19/13 07:54	09/23/13 10:30	1
Benzo[a]pyrene	**1.4**		0.15	0.056	ug/L		09/19/13 07:54	09/23/13 10:30	1
Benzo[b]fluoranthene	**2.1**		0.15	0.061	ug/L		09/19/13 07:54	09/23/13 10:30	1
Benzo[g,h,i]perylene	**1.1**		0.74	0.36	ug/L		09/19/13 07:54	09/23/13 10:30	1
Benzo[k]fluoranthene	**0.75**		0.15	0.13	ug/L		09/19/13 07:54	09/23/13 10:30	1
Chrysene	**1.6**		0.37	0.069	ug/L		09/19/13 07:54	09/23/13 10:30	1
Dibenz(a,h)anthracene	**0.33**		0.22	0.084	ug/L		09/19/13 07:54	09/23/13 10:30	1
Fluoranthene	**1.7**		0.74	0.15	ug/L		09/19/13 07:54	09/23/13 10:30	1
Fluorene	<0.12		0.74	0.12	ug/L		09/19/13 07:54	09/23/13 10:30	1
Indeno[1,2,3-cd]pyrene	**0.93**		0.15	0.057	ug/L		09/19/13 07:54	09/23/13 10:30	1
Naphthalene	<0.11		0.74	0.11	ug/L		09/19/13 07:54	09/23/13 10:30	1
Phenanthrene	**0.49**	**J**	0.74	0.16	ug/L		09/19/13 07:54	09/23/13 10:30	1
Pyrene	**1.8**		0.74	0.17	ug/L		09/19/13 07:54	09/23/13 10:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*71*		*41 - 132*	*09/19/13 07:54*	*09/23/13 10:30*	*1*
Nitrobenzene-d5 (Surr)	*76*		*47 - 134*	*09/19/13 07:54*	*09/23/13 10:30*	*1*
Terphenyl-d14 (Surr)	*93*		*59 - 150*	*09/19/13 07:54*	*09/23/13 10:30*	*1*

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201

TestAmerica Job ID: 500-63022-1

Client Sample ID: P-103
Date Collected: 09/12/13 10:40
Date Received: 09/14/13 09:25

Lab Sample ID: 500-63022-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.25		1.0	0.25	ug/L			09/20/13 01:56	1
1,1,1-Trichloroethane	<0.20		1.0	0.20	ug/L			09/20/13 01:56	1
1,1,2,2-Tetrachloroethane	<0.23		1.0	0.23	ug/L			09/20/13 01:56	1
1,1,2-Trichloroethane	<0.28		1.0	0.28	ug/L			09/20/13 01:56	1
1,1-Dichloroethane	<0.19		1.0	0.19	ug/L			09/20/13 01:56	1
1,1-Dichloroethene	<0.31		1.0	0.31	ug/L			09/20/13 01:56	1
1,1-Dichloropropene	<0.34		1.0	0.34	ug/L			09/20/13 01:56	1
1,2,3-Trichlorobenzene	<0.24		1.0	0.24	ug/L			09/20/13 01:56	1
1,2,3-Trichloropropane	<0.45		1.0	0.45	ug/L			09/20/13 01:56	1
1,2,4-Trichlorobenzene	<0.31		1.0	0.31	ug/L			09/20/13 01:56	1
1,2,4-Trimethylbenzene	<0.14		1.0	0.14	ug/L			09/20/13 01:56	1
1,2-Dibromo-3-Chloropropane	<0.87		2.0	0.87	ug/L			09/20/13 01:56	1
1,2-Dibromoethane	<0.36		1.0	0.36	ug/L			09/20/13 01:56	1
1,2-Dichlorobenzene	<0.27		1.0	0.27	ug/L			09/20/13 01:56	1
1,2-Dichloroethane	<0.28		1.0	0.28	ug/L			09/20/13 01:56	1
1,2-Dichloropropane	<0.20		1.0	0.20	ug/L			09/20/13 01:56	1
1,3,5-Trimethylbenzene	<0.18		1.0	0.18	ug/L			09/20/13 01:56	1
1,3-Dichlorobenzene	<0.15		1.0	0.15	ug/L			09/20/13 01:56	1
1,3-Dichloropropane	<0.13		1.0	0.13	ug/L			09/20/13 01:56	1
1,4-Dichlorobenzene	<0.15		1.0	0.15	ug/L			09/20/13 01:56	1
2,2-Dichloropropane	<0.32		1.0	0.32	ug/L			09/20/13 01:56	1
2-Chlorotoluene	<0.21		1.0	0.21	ug/L			09/20/13 01:56	1
4-Chlorotoluene	<0.20		1.0	0.20	ug/L			09/20/13 01:56	1
Benzene	<0.074		0.50	0.074	ug/L			09/20/13 01:56	1
Bromobenzene	<0.25		1.0	0.25	ug/L			09/20/13 01:56	1
Bromochloromethane	<0.40		1.0	0.40	ug/L			09/20/13 01:56	1
Bromodichloromethane	<0.17		1.0	0.17	ug/L			09/20/13 01:56	1
Bromoform	<0.28		1.0	0.28	ug/L			09/20/13 01:56	1
Bromomethane	<0.31		1.0	0.31	ug/L			09/20/13 01:56	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/L			09/20/13 01:56	1
Chlorobenzene	<0.14		1.0	0.14	ug/L			09/20/13 01:56	1
Chloroethane	<0.34		1.0	0.34	ug/L			09/20/13 01:56	1
Chloroform	<0.20		1.0	0.20	ug/L			09/20/13 01:56	1
Chloromethane	<0.18		1.0	0.18	ug/L			09/20/13 01:56	1
cis-1,2-Dichloroethene	<0.12		1.0	0.12	ug/L			09/20/13 01:56	1
cis-1,3-Dichloropropene	<0.18		1.0	0.18	ug/L			09/20/13 01:56	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			09/20/13 01:56	1
Dibromomethane	<0.33		1.0	0.33	ug/L			09/20/13 01:56	1
Dichlorodifluoromethane	<0.20		1.0	0.20	ug/L			09/20/13 01:56	1
Ethylbenzene	<0.13		0.50	0.13	ug/L			09/20/13 01:56	1
Hexachlorobutadiene	<0.26		1.0	0.26	ug/L			09/20/13 01:56	1
Isopropyl ether	<0.15		1.0	0.15	ug/L			09/20/13 01:56	1
Isopropylbenzene	<0.14		1.0	0.14	ug/L			09/20/13 01:56	1
Methyl tert-butyl ether	<0.24		1.0	0.24	ug/L			09/20/13 01:56	1
Methylene Chloride	<0.68		5.0	0.68	ug/L			09/20/13 01:56	1
Naphthalene	<0.16		1.0	0.16	ug/L			09/20/13 01:56	1
n-Butylbenzene	<0.13		1.0	0.13	ug/L			09/20/13 01:56	1
N-Propylbenzene	<0.13		1.0	0.13	ug/L			09/20/13 01:56	1
p-Isopropyltoluene	<0.17		1.0	0.17	ug/L			09/20/13 01:56	1

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201

TestAmerica Job ID: 500-63022-1

Client Sample ID: P-103
Date Collected: 09/12/13 10:40
Date Received: 09/14/13 09:25

Lab Sample ID: 500-63022-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.15		1.0	0.15	ug/L			09/20/13 01:56	1
Styrene	<0.10		1.0	0.10	ug/L			09/20/13 01:56	1
tert-Butylbenzene	<0.14		1.0	0.14	ug/L			09/20/13 01:56	1
Tetrachloroethene	<0.17		1.0	0.17	ug/L			09/20/13 01:56	1
Toluene	<0.11		0.50	0.11	ug/L			09/20/13 01:56	1
trans-1,2-Dichloroethene	<0.25		1.0	0.25	ug/L			09/20/13 01:56	1
trans-1,3-Dichloropropene	<0.21		1.0	0.21	ug/L			09/20/13 01:56	1
Trichloroethene	<0.19		0.50	0.19	ug/L			09/20/13 01:56	1
Trichlorofluoromethane	<0.19		1.0	0.19	ug/L			09/20/13 01:56	1
Vinyl chloride	<0.10		0.50	0.10	ug/L			09/20/13 01:56	1
Xylenes, Total	<0.068		1.0	0.068	ug/L			09/20/13 01:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*75 - 125*		*09/20/13 01:56*	*1*
4-Bromofluorobenzene (Surr)	*98*		*75 - 120*		*09/20/13 01:56*	*1*
Dibromofluoromethane	*106*		*75 - 120*		*09/20/13 01:56*	*1*
Toluene-d8 (Surr)	*99*		*75 - 120*		*09/20/13 01:56*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.36		0.73	0.36	ug/L		09/19/13 07:54	09/20/13 13:02	1
2-Methylnaphthalene	<0.061		0.36	0.061	ug/L		09/19/13 07:54	09/20/13 13:02	1
Acenaphthene	<0.090		0.73	0.090	ug/L		09/19/13 07:54	09/20/13 13:02	1
Acenaphthylene	<0.099		0.73	0.099	ug/L		09/19/13 07:54	09/20/13 13:02	1
Anthracene	<0.13		0.73	0.13	ug/L		09/19/13 07:54	09/20/13 13:02	1
Benzo[a]anthracene	<0.048		0.15	0.048	ug/L		09/19/13 07:54	09/20/13 13:02	1
Benzo[a]pyrene	<0.055		0.15	0.055	ug/L		09/19/13 07:54	09/20/13 13:02	1
Benzo[b]fluoranthene	<0.060		0.15	0.060	ug/L		09/19/13 07:54	09/20/13 13:02	1
Benzo[g,h,i]perylene	<0.35		0.73	0.35	ug/L		09/19/13 07:54	09/20/13 13:02	1
Benzo[k]fluoranthene	<0.12		0.15	0.12	ug/L		09/19/13 07:54	09/20/13 13:02	1
Chrysene	<0.068		0.36	0.068	ug/L		09/19/13 07:54	09/20/13 13:02	1
Dibenz(a,h)anthracene	<0.083		0.22	0.083	ug/L		09/19/13 07:54	09/20/13 13:02	1
Fluoranthene	<0.15		0.73	0.15	ug/L		09/19/13 07:54	09/20/13 13:02	1
Fluorene	<0.12		0.73	0.12	ug/L		09/19/13 07:54	09/20/13 13:02	1
Indeno[1,2,3-cd]pyrene	<0.056		0.15	0.056	ug/L		09/19/13 07:54	09/20/13 13:02	1
Naphthalene	<0.11		0.73	0.11	ug/L		09/19/13 07:54	09/20/13 13:02	1
Phenanthrene	<0.15		0.73	0.15	ug/L		09/19/13 07:54	09/20/13 13:02	1
Pyrene	<0.17		0.73	0.17	ug/L		09/19/13 07:54	09/20/13 13:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*69*		*41 - 132*	*09/19/13 07:54*	*09/20/13 13:02*	*1*
Nitrobenzene-d5 (Surr)	*75*		*47 - 134*	*09/19/13 07:54*	*09/20/13 13:02*	*1*
Terphenyl-d14 (Surr)	*102*		*59 - 150*	*09/19/13 07:54*	*09/20/13 13:02*	*1*

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201

TestAmerica Job ID: 500-63022-1

Client Sample ID: MW-104
Date Collected: 09/12/13 11:15
Date Received: 09/14/13 09:25

Lab Sample ID: 500-63022-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.25		1.0	0.25	ug/L			09/20/13 02:21	1
1,1,1-Trichloroethane	<0.20		1.0	0.20	ug/L			09/20/13 02:21	1
1,1,2,2-Tetrachloroethane	<0.23		1.0	0.23	ug/L			09/20/13 02:21	1
1,1,2-Trichloroethane	<0.28		1.0	0.28	ug/L			09/20/13 02:21	1
1,1-Dichloroethane	<0.19		1.0	0.19	ug/L			09/20/13 02:21	1
1,1-Dichloroethene	<0.31		1.0	0.31	ug/L			09/20/13 02:21	1
1,1-Dichloropropene	<0.34		1.0	0.34	ug/L			09/20/13 02:21	1
1,2,3-Trichlorobenzene	<0.24		1.0	0.24	ug/L			09/20/13 02:21	1
1,2,3-Trichloropropane	<0.45		1.0	0.45	ug/L			09/20/13 02:21	1
1,2,4-Trichlorobenzene	<0.31		1.0	0.31	ug/L			09/20/13 02:21	1
1,2,4-Trimethylbenzene	<0.14		1.0	0.14	ug/L			09/20/13 02:21	1
1,2-Dibromo-3-Chloropropane	<0.87		2.0	0.87	ug/L			09/20/13 02:21	1
1,2-Dibromoethane	<0.36		1.0	0.36	ug/L			09/20/13 02:21	1
1,2-Dichlorobenzene	<0.27		1.0	0.27	ug/L			09/20/13 02:21	1
1,2-Dichloroethane	<0.28		1.0	0.28	ug/L			09/20/13 02:21	1
1,2-Dichloropropane	<0.20		1.0	0.20	ug/L			09/20/13 02:21	1
1,3,5-Trimethylbenzene	<0.18		1.0	0.18	ug/L			09/20/13 02:21	1
1,3-Dichlorobenzene	<0.15		1.0	0.15	ug/L			09/20/13 02:21	1
1,3-Dichloropropane	<0.13		1.0	0.13	ug/L			09/20/13 02:21	1
1,4-Dichlorobenzene	<0.15		1.0	0.15	ug/L			09/20/13 02:21	1
2,2-Dichloropropane	<0.32		1.0	0.32	ug/L			09/20/13 02:21	1
2-Chlorotoluene	<0.21		1.0	0.21	ug/L			09/20/13 02:21	1
4-Chlorotoluene	<0.20		1.0	0.20	ug/L			09/20/13 02:21	1
Benzene	<0.074		0.50	0.074	ug/L			09/20/13 02:21	1
Bromobenzene	<0.25		1.0	0.25	ug/L			09/20/13 02:21	1
Bromochloromethane	<0.40		1.0	0.40	ug/L			09/20/13 02:21	1
Bromodichloromethane	<0.17		1.0	0.17	ug/L			09/20/13 02:21	1
Bromoform	<0.28		1.0	0.28	ug/L			09/20/13 02:21	1
Bromomethane	<0.31		1.0	0.31	ug/L			09/20/13 02:21	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/L			09/20/13 02:21	1
Chlorobenzene	<0.14		1.0	0.14	ug/L			09/20/13 02:21	1
Chloroethane	<0.34		1.0	0.34	ug/L			09/20/13 02:21	1
Chloroform	<0.20		1.0	0.20	ug/L			09/20/13 02:21	1
Chloromethane	<0.18		1.0	0.18	ug/L			09/20/13 02:21	1
cis-1,2-Dichloroethene	<0.12		1.0	0.12	ug/L			09/20/13 02:21	1
cis-1,3-Dichloropropene	<0.18		1.0	0.18	ug/L			09/20/13 02:21	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			09/20/13 02:21	1
Dibromomethane	<0.33		1.0	0.33	ug/L			09/20/13 02:21	1
Dichlorodifluoromethane	<0.20		1.0	0.20	ug/L			09/20/13 02:21	1
Ethylbenzene	<0.13		0.50	0.13	ug/L			09/20/13 02:21	1
Hexachlorobutadiene	<0.26		1.0	0.26	ug/L			09/20/13 02:21	1
Isopropyl ether	<0.15		1.0	0.15	ug/L			09/20/13 02:21	1
Isopropylbenzene	<0.14		1.0	0.14	ug/L			09/20/13 02:21	1
Methyl tert-butyl ether	<0.24		1.0	0.24	ug/L			09/20/13 02:21	1
Methylene Chloride	<0.68		5.0	0.68	ug/L			09/20/13 02:21	1
Naphthalene	<0.16		1.0	0.16	ug/L			09/20/13 02:21	1
n-Butylbenzene	<0.13		1.0	0.13	ug/L			09/20/13 02:21	1
N-Propylbenzene	<0.13		1.0	0.13	ug/L			09/20/13 02:21	1
p-Isopropyltoluene	<0.17		1.0	0.17	ug/L			09/20/13 02:21	1

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201

TestAmerica Job ID: 500-63022-1

Client Sample ID: MW-104
Date Collected: 09/12/13 11:15
Date Received: 09/14/13 09:25

Lab Sample ID: 500-63022-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.15		1.0	0.15	ug/L			09/20/13 02:21	1
Styrene	<0.10		1.0	0.10	ug/L			09/20/13 02:21	1
tert-Butylbenzene	<0.14		1.0	0.14	ug/L			09/20/13 02:21	1
Tetrachloroethene	<0.17		1.0	0.17	ug/L			09/20/13 02:21	1
Toluene	<0.11		0.50	0.11	ug/L			09/20/13 02:21	1
trans-1,2-Dichloroethene	<0.25		1.0	0.25	ug/L			09/20/13 02:21	1
trans-1,3-Dichloropropene	<0.21		1.0	0.21	ug/L			09/20/13 02:21	1
Trichloroethene	<0.19		0.50	0.19	ug/L			09/20/13 02:21	1
Trichlorofluoromethane	<0.19		1.0	0.19	ug/L			09/20/13 02:21	1
Vinyl chloride	<0.10		0.50	0.10	ug/L			09/20/13 02:21	1
Xylenes, Total	<0.068		1.0	0.068	ug/L			09/20/13 02:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*75 - 125*		*09/20/13 02:21*	*1*
4-Bromofluorobenzene (Surr)	*100*		*75 - 120*		*09/20/13 02:21*	*1*
Dibromofluoromethane	*107*		*75 - 120*		*09/20/13 02:21*	*1*
Toluene-d8 (Surr)	*101*		*75 - 120*		*09/20/13 02:21*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.38		0.75	0.38	ug/L		09/19/13 07:54	09/20/13 14:14	1
2-Methylnaphthalene	<0.063		0.38	0.063	ug/L		09/19/13 07:54	09/20/13 14:14	1
Acenaphthene	<0.093		0.75	0.093	ug/L		09/19/13 07:54	09/20/13 14:14	1
Acenaphthylene	<0.10		0.75	0.10	ug/L		09/19/13 07:54	09/20/13 14:14	1
Anthracene	<0.14		0.75	0.14	ug/L		09/19/13 07:54	09/20/13 14:14	1
Benzo[a]anthracene	<0.049		0.15	0.049	ug/L		09/19/13 07:54	09/20/13 14:14	1
Benzo[a]pyrene	<0.057		0.15	0.057	ug/L		09/19/13 07:54	09/20/13 14:14	1
Benzo[b]fluoranthene	<0.061		0.15	0.061	ug/L		09/19/13 07:54	09/20/13 14:14	1
Benzo[g,h,i]perylene	<0.36		0.75	0.36	ug/L		09/19/13 07:54	09/20/13 14:14	1
Benzo[k]fluoranthene	<0.13		0.15	0.13	ug/L		09/19/13 07:54	09/20/13 14:14	1
Chrysene	<0.070		0.38	0.070	ug/L		09/19/13 07:54	09/20/13 14:14	1
Dibenz(a,h)anthracene	<0.085		0.23	0.085	ug/L		09/19/13 07:54	09/20/13 14:14	1
Fluoranthene	<0.15		0.75	0.15	ug/L		09/19/13 07:54	09/20/13 14:14	1
Fluorene	<0.13		0.75	0.13	ug/L		09/19/13 07:54	09/20/13 14:14	1
Indeno[1,2,3-cd]pyrene	<0.058		0.15	0.058	ug/L		09/19/13 07:54	09/20/13 14:14	1
Naphthalene	<0.12		0.75	0.12	ug/L		09/19/13 07:54	09/20/13 14:14	1
Phenanthrene	<0.16		0.75	0.16	ug/L		09/19/13 07:54	09/20/13 14:14	1
Pyrene	<0.17		0.75	0.17	ug/L		09/19/13 07:54	09/20/13 14:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*78*		*41 - 132*	*09/19/13 07:54*	*09/20/13 14:14*	*1*
Nitrobenzene-d5 (Surr)	*83*		*47 - 134*	*09/19/13 07:54*	*09/20/13 14:14*	*1*
Terphenyl-d14 (Surr)	*111*		*59 - 150*	*09/19/13 07:54*	*09/20/13 14:14*	*1*

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201

TestAmerica Job ID: 500-63022-1

Client Sample ID: MW-105
Date Collected: 09/12/13 11:30
Date Received: 09/14/13 09:25

Lab Sample ID: 500-63022-5
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.25		1.0	0.25	ug/L			09/20/13 02:45	1
1,1,1-Trichloroethane	<0.20		1.0	0.20	ug/L			09/20/13 02:45	1
1,1,2,2-Tetrachloroethane	<0.23		1.0	0.23	ug/L			09/20/13 02:45	1
1,1,2-Trichloroethane	<0.28		1.0	0.28	ug/L			09/20/13 02:45	1
1,1-Dichloroethane	<0.19		1.0	0.19	ug/L			09/20/13 02:45	1
1,1-Dichloroethene	<0.31		1.0	0.31	ug/L			09/20/13 02:45	1
1,1-Dichloropropene	<0.34		1.0	0.34	ug/L			09/20/13 02:45	1
1,2,3-Trichlorobenzene	<0.24		1.0	0.24	ug/L			09/20/13 02:45	1
1,2,3-Trichloropropane	<0.45		1.0	0.45	ug/L			09/20/13 02:45	1
1,2,4-Trichlorobenzene	<0.31		1.0	0.31	ug/L			09/20/13 02:45	1
1,2,4-Trimethylbenzene	<0.14		1.0	0.14	ug/L			09/20/13 02:45	1
1,2-Dibromo-3-Chloropropane	<0.87		2.0	0.87	ug/L			09/20/13 02:45	1
1,2-Dibromoethane	<0.36		1.0	0.36	ug/L			09/20/13 02:45	1
1,2-Dichlorobenzene	<0.27		1.0	0.27	ug/L			09/20/13 02:45	1
1,2-Dichloroethane	<0.28		1.0	0.28	ug/L			09/20/13 02:45	1
1,2-Dichloropropane	<0.20		1.0	0.20	ug/L			09/20/13 02:45	1
1,3,5-Trimethylbenzene	<0.18		1.0	0.18	ug/L			09/20/13 02:45	1
1,3-Dichlorobenzene	<0.15		1.0	0.15	ug/L			09/20/13 02:45	1
1,3-Dichloropropane	<0.13		1.0	0.13	ug/L			09/20/13 02:45	1
1,4-Dichlorobenzene	<0.15		1.0	0.15	ug/L			09/20/13 02:45	1
2,2-Dichloropropane	<0.32		1.0	0.32	ug/L			09/20/13 02:45	1
2-Chlorotoluene	<0.21		1.0	0.21	ug/L			09/20/13 02:45	1
4-Chlorotoluene	<0.20		1.0	0.20	ug/L			09/20/13 02:45	1
Benzene	<0.074		0.50	0.074	ug/L			09/20/13 02:45	1
Bromobenzene	<0.25		1.0	0.25	ug/L			09/20/13 02:45	1
Bromochloromethane	<0.40		1.0	0.40	ug/L			09/20/13 02:45	1
Bromodichloromethane	<0.17		1.0	0.17	ug/L			09/20/13 02:45	1
Bromoform	<0.28		1.0	0.28	ug/L			09/20/13 02:45	1
Bromomethane	<0.31		1.0	0.31	ug/L			09/20/13 02:45	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/L			09/20/13 02:45	1
Chlorobenzene	<0.14		1.0	0.14	ug/L			09/20/13 02:45	1
Chloroethane	<0.34		1.0	0.34	ug/L			09/20/13 02:45	1
Chloroform	<0.20		1.0	0.20	ug/L			09/20/13 02:45	1
Chloromethane	<0.18		1.0	0.18	ug/L			09/20/13 02:45	1
cis-1,2-Dichloroethene	<0.12		1.0	0.12	ug/L			09/20/13 02:45	1
cis-1,3-Dichloropropene	<0.18		1.0	0.18	ug/L			09/20/13 02:45	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			09/20/13 02:45	1
Dibromomethane	<0.33		1.0	0.33	ug/L			09/20/13 02:45	1
Dichlorodifluoromethane	<0.20		1.0	0.20	ug/L			09/20/13 02:45	1
Ethylbenzene	<0.13		0.50	0.13	ug/L			09/20/13 02:45	1
Hexachlorobutadiene	<0.26		1.0	0.26	ug/L			09/20/13 02:45	1
Isopropyl ether	<0.15		1.0	0.15	ug/L			09/20/13 02:45	1
Isopropylbenzene	<0.14		1.0	0.14	ug/L			09/20/13 02:45	1
Methyl tert-butyl ether	<0.24		1.0	0.24	ug/L			09/20/13 02:45	1
Methylene Chloride	<0.68		5.0	0.68	ug/L			09/20/13 02:45	1
Naphthalene	<0.16		1.0	0.16	ug/L			09/20/13 02:45	1
n-Butylbenzene	<0.13		1.0	0.13	ug/L			09/20/13 02:45	1
N-Propylbenzene	<0.13		1.0	0.13	ug/L			09/20/13 02:45	1
p-Isopropyltoluene	<0.17		1.0	0.17	ug/L			09/20/13 02:45	1

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201

TestAmerica Job ID: 500-63022-1

Client Sample ID: MW-105
Date Collected: 09/12/13 11:30
Date Received: 09/14/13 09:25

Lab Sample ID: 500-63022-5
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.15		1.0	0.15	ug/L			09/20/13 02:45	1
Styrene	<0.10		1.0	0.10	ug/L			09/20/13 02:45	1
tert-Butylbenzene	<0.14		1.0	0.14	ug/L			09/20/13 02:45	1
Tetrachloroethene	<0.17		1.0	0.17	ug/L			09/20/13 02:45	1
Toluene	<0.11		0.50	0.11	ug/L			09/20/13 02:45	1
trans-1,2-Dichloroethene	<0.25		1.0	0.25	ug/L			09/20/13 02:45	1
trans-1,3-Dichloropropene	<0.21		1.0	0.21	ug/L			09/20/13 02:45	1
Trichloroethene	<0.19		0.50	0.19	ug/L			09/20/13 02:45	1
Trichlorofluoromethane	<0.19		1.0	0.19	ug/L			09/20/13 02:45	1
Vinyl chloride	<0.10		0.50	0.10	ug/L			09/20/13 02:45	1
Xylenes, Total	<0.068		1.0	0.068	ug/L			09/20/13 02:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*75 - 125*		*09/20/13 02:45*	*1*
4-Bromofluorobenzene (Surr)	*99*		*75 - 120*		*09/20/13 02:45*	*1*
Dibromofluoromethane	*105*		*75 - 120*		*09/20/13 02:45*	*1*
Toluene-d8 (Surr)	*101*		*75 - 120*		*09/20/13 02:45*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.38		0.76	0.38	ug/L		09/19/13 07:54	09/20/13 14:38	1
2-Methylnaphthalene	<0.064		0.38	0.064	ug/L		09/19/13 07:54	09/20/13 14:38	1
Acenaphthene	<0.093		0.76	0.093	ug/L		09/19/13 07:54	09/20/13 14:38	1
Acenaphthylene	<0.10		0.76	0.10	ug/L		09/19/13 07:54	09/20/13 14:38	1
Anthracene	<0.14		0.76	0.14	ug/L		09/19/13 07:54	09/20/13 14:38	1
Benzo[a]anthracene	<0.049		0.15	0.049	ug/L		09/19/13 07:54	09/20/13 14:38	1
Benzo[a]pyrene	<0.057		0.15	0.057	ug/L		09/19/13 07:54	09/20/13 14:38	1
Benzo[b]fluoranthene	<0.062		0.15	0.062	ug/L		09/19/13 07:54	09/20/13 14:38	1
Benzo[g,h,i]perylene	<0.37		0.76	0.37	ug/L		09/19/13 07:54	09/20/13 14:38	1
Benzo[k]fluoranthene	<0.13		0.15	0.13	ug/L		09/19/13 07:54	09/20/13 14:38	1
Chrysene	<0.071		0.38	0.071	ug/L		09/19/13 07:54	09/20/13 14:38	1
Dibenz(a,h)anthracene	<0.086		0.23	0.086	ug/L		09/19/13 07:54	09/20/13 14:38	1
Fluoranthene	<0.15		0.76	0.15	ug/L		09/19/13 07:54	09/20/13 14:38	1
Fluorene	<0.13		0.76	0.13	ug/L		09/19/13 07:54	09/20/13 14:38	1
Indeno[1,2,3-cd]pyrene	<0.058		0.15	0.058	ug/L		09/19/13 07:54	09/20/13 14:38	1
Naphthalene	<0.12		0.76	0.12	ug/L		09/19/13 07:54	09/20/13 14:38	1
Phenanthrene	<0.16		0.76	0.16	ug/L		09/19/13 07:54	09/20/13 14:38	1
Pyrene	<0.17		0.76	0.17	ug/L		09/19/13 07:54	09/20/13 14:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*69*		*41 - 132*	*09/19/13 07:54*	*09/20/13 14:38*	*1*
Nitrobenzene-d5 (Surr)	*74*		*47 - 134*	*09/19/13 07:54*	*09/20/13 14:38*	*1*
Terphenyl-d14 (Surr)	*96*		*59 - 150*	*09/19/13 07:54*	*09/20/13 14:38*	*1*

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201

TestAmerica Job ID: 500-63022-1

Client Sample ID: P-121
Date Collected: 09/12/13 11:50
Date Received: 09/14/13 09:25

Lab Sample ID: 500-63022-6
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.25		1.0	0.25	ug/L			09/20/13 03:10	1
1,1,1-Trichloroethane	<0.20		1.0	0.20	ug/L			09/20/13 03:10	1
1,1,2,2-Tetrachloroethane	<0.23		1.0	0.23	ug/L			09/20/13 03:10	1
1,1,2-Trichloroethane	<0.28		1.0	0.28	ug/L			09/20/13 03:10	1
1,1-Dichloroethane	<0.19		1.0	0.19	ug/L			09/20/13 03:10	1
1,1-Dichloroethene	<0.31		1.0	0.31	ug/L			09/20/13 03:10	1
1,1-Dichloropropene	<0.34		1.0	0.34	ug/L			09/20/13 03:10	1
1,2,3-Trichlorobenzene	<0.24		1.0	0.24	ug/L			09/20/13 03:10	1
1,2,3-Trichloropropane	<0.45		1.0	0.45	ug/L			09/20/13 03:10	1
1,2,4-Trichlorobenzene	<0.31		1.0	0.31	ug/L			09/20/13 03:10	1
1,2,4-Trimethylbenzene	<0.14		1.0	0.14	ug/L			09/20/13 03:10	1
1,2-Dibromo-3-Chloropropane	<0.87		2.0	0.87	ug/L			09/20/13 03:10	1
1,2-Dibromoethane	<0.36		1.0	0.36	ug/L			09/20/13 03:10	1
1,2-Dichlorobenzene	<0.27		1.0	0.27	ug/L			09/20/13 03:10	1
1,2-Dichloroethane	<0.28		1.0	0.28	ug/L			09/20/13 03:10	1
1,2-Dichloropropane	<0.20		1.0	0.20	ug/L			09/20/13 03:10	1
1,3,5-Trimethylbenzene	<0.18		1.0	0.18	ug/L			09/20/13 03:10	1
1,3-Dichlorobenzene	<0.15		1.0	0.15	ug/L			09/20/13 03:10	1
1,3-Dichloropropane	<0.13		1.0	0.13	ug/L			09/20/13 03:10	1
1,4-Dichlorobenzene	<0.15		1.0	0.15	ug/L			09/20/13 03:10	1
2,2-Dichloropropane	<0.32		1.0	0.32	ug/L			09/20/13 03:10	1
2-Chlorotoluene	<0.21		1.0	0.21	ug/L			09/20/13 03:10	1
4-Chlorotoluene	<0.20		1.0	0.20	ug/L			09/20/13 03:10	1
Benzene	<0.074		0.50	0.074	ug/L			09/20/13 03:10	1
Bromobenzene	<0.25		1.0	0.25	ug/L			09/20/13 03:10	1
Bromochloromethane	<0.40		1.0	0.40	ug/L			09/20/13 03:10	1
Bromodichloromethane	<0.17		1.0	0.17	ug/L			09/20/13 03:10	1
Bromoform	<0.28		1.0	0.28	ug/L			09/20/13 03:10	1
Bromomethane	<0.31		1.0	0.31	ug/L			09/20/13 03:10	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/L			09/20/13 03:10	1
Chlorobenzene	<0.14		1.0	0.14	ug/L			09/20/13 03:10	1
Chloroethane	<0.34		1.0	0.34	ug/L			09/20/13 03:10	1
Chloroform	<0.20		1.0	0.20	ug/L			09/20/13 03:10	1
Chloromethane	<0.18		1.0	0.18	ug/L			09/20/13 03:10	1
cis-1,2-Dichloroethene	<0.12		1.0	0.12	ug/L			09/20/13 03:10	1
cis-1,3-Dichloropropene	<0.18		1.0	0.18	ug/L			09/20/13 03:10	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			09/20/13 03:10	1
Dibromomethane	<0.33		1.0	0.33	ug/L			09/20/13 03:10	1
Dichlorodifluoromethane	<0.20		1.0	0.20	ug/L			09/20/13 03:10	1
Ethylbenzene	**0.36**	**J**	0.50	0.13	ug/L			09/20/13 03:10	1
Hexachlorobutadiene	<0.26		1.0	0.26	ug/L			09/20/13 03:10	1
Isopropyl ether	<0.15		1.0	0.15	ug/L			09/20/13 03:10	1
Isopropylbenzene	<0.14		1.0	0.14	ug/L			09/20/13 03:10	1
Methyl tert-butyl ether	<0.24		1.0	0.24	ug/L			09/20/13 03:10	1
Methylene Chloride	<0.68		5.0	0.68	ug/L			09/20/13 03:10	1
Naphthalene	**7.2**		1.0	0.16	ug/L			09/20/13 03:10	1
n-Butylbenzene	<0.13		1.0	0.13	ug/L			09/20/13 03:10	1
N-Propylbenzene	<0.13		1.0	0.13	ug/L			09/20/13 03:10	1
p-Isopropyltoluene	<0.17		1.0	0.17	ug/L			09/20/13 03:10	1

Client Sample ID: P-121
Date Collected: 09/12/13 11:50
Date Received: 09/14/13 09:25

Lab Sample ID: 500-63022-6
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.15		1.0	0.15	ug/L			09/20/13 03:10	1
Styrene	<0.10		1.0	0.10	ug/L			09/20/13 03:10	1
tert-Butylbenzene	<0.14		1.0	0.14	ug/L			09/20/13 03:10	1
Tetrachloroethene	<0.17		1.0	0.17	ug/L			09/20/13 03:10	1
Toluene	**0.33**	**J**	0.50	0.11	ug/L			09/20/13 03:10	1
trans-1,2-Dichloroethene	<0.25		1.0	0.25	ug/L			09/20/13 03:10	1
trans-1,3-Dichloropropene	<0.21		1.0	0.21	ug/L			09/20/13 03:10	1
Trichloroethene	<0.19		0.50	0.19	ug/L			09/20/13 03:10	1
Trichlorofluoromethane	<0.19		1.0	0.19	ug/L			09/20/13 03:10	1
Vinyl chloride	<0.10		0.50	0.10	ug/L			09/20/13 03:10	1
Xylenes, Total	**1.2**		1.0	0.068	ug/L			09/20/13 03:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*75 - 125*		*09/20/13 03:10*	*1*
4-Bromofluorobenzene (Surr)	*99*		*75 - 120*		*09/20/13 03:10*	*1*
Dibromofluoromethane	*111*		*75 - 120*		*09/20/13 03:10*	*1*
Toluene-d8 (Surr)	*102*		*75 - 120*		*09/20/13 03:10*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**1.3**		0.73	0.37	ug/L		09/19/13 07:54	09/23/13 10:55	1
2-Methylnaphthalene	**1.6**		0.37	0.062	ug/L		09/19/13 07:54	09/23/13 10:55	1
Acenaphthene	**1.1**		0.73	0.090	ug/L		09/19/13 07:54	09/23/13 10:55	1
Acenaphthylene	**0.25**	**J**	0.73	0.099	ug/L		09/19/13 07:54	09/23/13 10:55	1
Anthracene	**1.3**		0.73	0.14	ug/L		09/19/13 07:54	09/23/13 10:55	1
Benzo[a]anthracene	**1.8**		0.15	0.048	ug/L		09/19/13 07:54	09/23/13 10:55	1
Benzo[a]pyrene	**1.1**		0.15	0.055	ug/L		09/19/13 07:54	09/23/13 10:55	1
Benzo[b]fluoranthene	**1.5**		0.15	0.060	ug/L		09/19/13 07:54	09/23/13 10:55	1
Benzo[g,h,i]perylene	**0.47**	**J**	0.73	0.35	ug/L		09/19/13 07:54	09/23/13 10:55	1
Benzo[k]fluoranthene	**0.60**		0.15	0.12	ug/L		09/19/13 07:54	09/23/13 10:55	1
Chrysene	**1.9**		0.37	0.068	ug/L		09/19/13 07:54	09/23/13 10:55	1
Dibenz(a,h)anthracene	**0.15**	**J**	0.22	0.083	ug/L		09/19/13 07:54	09/23/13 10:55	1
Fluoranthene	**6.1**		0.73	0.15	ug/L		09/19/13 07:54	09/23/13 10:55	1
Fluorene	**1.2**		0.73	0.12	ug/L		09/19/13 07:54	09/23/13 10:55	1
Indeno[1,2,3-cd]pyrene	**0.45**		0.15	0.056	ug/L		09/19/13 07:54	09/23/13 10:55	1
Naphthalene	**5.6**		0.73	0.11	ug/L		09/19/13 07:54	09/23/13 10:55	1
Phenanthrene	**4.0**		0.73	0.15	ug/L		09/19/13 07:54	09/23/13 10:55	1
Pyrene	**5.3**		0.73	0.17	ug/L		09/19/13 07:54	09/23/13 10:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*64*		*41 - 132*	*09/19/13 07:54*	*09/23/13 10:55*	*1*
Nitrobenzene-d5 (Surr)	*69*		*47 - 134*	*09/19/13 07:54*	*09/23/13 10:55*	*1*
Terphenyl-d14 (Surr)	*61*		*59 - 150*	*09/19/13 07:54*	*09/23/13 10:55*	*1*

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201

TestAmerica Job ID: 500-63022-1

Client Sample ID: MW-108
Date Collected: 09/12/13 12:10
Date Received: 09/14/13 09:25

Lab Sample ID: 500-63022-7
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.25		1.0	0.25	ug/L			09/20/13 03:34	1
1,1,1-Trichloroethane	<0.20		1.0	0.20	ug/L			09/20/13 03:34	1
1,1,2,2-Tetrachloroethane	<0.23		1.0	0.23	ug/L			09/20/13 03:34	1
1,1,2-Trichloroethane	<0.28		1.0	0.28	ug/L			09/20/13 03:34	1
1,1-Dichloroethane	<0.19		1.0	0.19	ug/L			09/20/13 03:34	1
1,1-Dichloroethene	<0.31		1.0	0.31	ug/L			09/20/13 03:34	1
1,1-Dichloropropene	<0.34		1.0	0.34	ug/L			09/20/13 03:34	1
1,2,3-Trichlorobenzene	<0.24		1.0	0.24	ug/L			09/20/13 03:34	1
1,2,3-Trichloropropane	<0.45		1.0	0.45	ug/L			09/20/13 03:34	1
1,2,4-Trichlorobenzene	<0.31		1.0	0.31	ug/L			09/20/13 03:34	1
1,2,4-Trimethylbenzene	<0.14		1.0	0.14	ug/L			09/20/13 03:34	1
1,2-Dibromo-3-Chloropropane	<0.87		2.0	0.87	ug/L			09/20/13 03:34	1
1,2-Dibromoethane	<0.36		1.0	0.36	ug/L			09/20/13 03:34	1
1,2-Dichlorobenzene	<0.27		1.0	0.27	ug/L			09/20/13 03:34	1
1,2-Dichloroethane	<0.28		1.0	0.28	ug/L			09/20/13 03:34	1
1,2-Dichloropropane	<0.20		1.0	0.20	ug/L			09/20/13 03:34	1
1,3,5-Trimethylbenzene	<0.18		1.0	0.18	ug/L			09/20/13 03:34	1
1,3-Dichlorobenzene	<0.15		1.0	0.15	ug/L			09/20/13 03:34	1
1,3-Dichloropropane	<0.13		1.0	0.13	ug/L			09/20/13 03:34	1
1,4-Dichlorobenzene	<0.15		1.0	0.15	ug/L			09/20/13 03:34	1
2,2-Dichloropropane	<0.32		1.0	0.32	ug/L			09/20/13 03:34	1
2-Chlorotoluene	<0.21		1.0	0.21	ug/L			09/20/13 03:34	1
4-Chlorotoluene	<0.20		1.0	0.20	ug/L			09/20/13 03:34	1
Benzene	<0.074		0.50	0.074	ug/L			09/20/13 03:34	1
Bromobenzene	<0.25		1.0	0.25	ug/L			09/20/13 03:34	1
Bromochloromethane	<0.40		1.0	0.40	ug/L			09/20/13 03:34	1
Bromodichloromethane	<0.17		1.0	0.17	ug/L			09/20/13 03:34	1
Bromoform	<0.28		1.0	0.28	ug/L			09/20/13 03:34	1
Bromomethane	<0.31		1.0	0.31	ug/L			09/20/13 03:34	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/L			09/20/13 03:34	1
Chlorobenzene	<0.14		1.0	0.14	ug/L			09/20/13 03:34	1
Chloroethane	<0.34		1.0	0.34	ug/L			09/20/13 03:34	1
Chloroform	<0.20		1.0	0.20	ug/L			09/20/13 03:34	1
Chloromethane	<0.18		1.0	0.18	ug/L			09/20/13 03:34	1
cis-1,2-Dichloroethene	<0.12		1.0	0.12	ug/L			09/20/13 03:34	1
cis-1,3-Dichloropropene	<0.18		1.0	0.18	ug/L			09/20/13 03:34	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			09/20/13 03:34	1
Dibromomethane	<0.33		1.0	0.33	ug/L			09/20/13 03:34	1
Dichlorodifluoromethane	<0.20		1.0	0.20	ug/L			09/20/13 03:34	1
Ethylbenzene	<0.13		0.50	0.13	ug/L			09/20/13 03:34	1
Hexachlorobutadiene	<0.26		1.0	0.26	ug/L			09/20/13 03:34	1
Isopropyl ether	<0.15		1.0	0.15	ug/L			09/20/13 03:34	1
Isopropylbenzene	<0.14		1.0	0.14	ug/L			09/20/13 03:34	1
Methyl tert-butyl ether	<0.24		1.0	0.24	ug/L			09/20/13 03:34	1
Methylene Chloride	<0.68		5.0	0.68	ug/L			09/20/13 03:34	1
Naphthalene	<0.16		1.0	0.16	ug/L			09/20/13 03:34	1
n-Butylbenzene	<0.13		1.0	0.13	ug/L			09/20/13 03:34	1
N-Propylbenzene	<0.13		1.0	0.13	ug/L			09/20/13 03:34	1
p-Isopropyltoluene	<0.17		1.0	0.17	ug/L			09/20/13 03:34	1

Client Sample ID: MW-108
Date Collected: 09/12/13 12:10
Date Received: 09/14/13 09:25

Lab Sample ID: 500-63022-7
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.15		1.0	0.15	ug/L			09/20/13 03:34	1
Styrene	<0.10		1.0	0.10	ug/L			09/20/13 03:34	1
tert-Butylbenzene	<0.14		1.0	0.14	ug/L			09/20/13 03:34	1
Tetrachloroethene	<0.17		1.0	0.17	ug/L			09/20/13 03:34	1
Toluene	<0.11		0.50	0.11	ug/L			09/20/13 03:34	1
trans-1,2-Dichloroethene	<0.25		1.0	0.25	ug/L			09/20/13 03:34	1
trans-1,3-Dichloropropene	<0.21		1.0	0.21	ug/L			09/20/13 03:34	1
Trichloroethene	<0.19		0.50	0.19	ug/L			09/20/13 03:34	1
Trichlorofluoromethane	<0.19		1.0	0.19	ug/L			09/20/13 03:34	1
Vinyl chloride	<0.10		0.50	0.10	ug/L			09/20/13 03:34	1
Xylenes, Total	<0.068		1.0	0.068	ug/L			09/20/13 03:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*75 - 125*		*09/20/13 03:34*	*1*
4-Bromofluorobenzene (Surr)	*99*		*75 - 120*		*09/20/13 03:34*	*1*
Dibromofluoromethane	*115*		*75 - 120*		*09/20/13 03:34*	*1*
Toluene-d8 (Surr)	*102*		*75 - 120*		*09/20/13 03:34*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.38		0.75	0.38	ug/L		09/19/13 07:54	09/23/13 11:19	1
2-Methylnaphthalene	<0.063		0.38	0.063	ug/L		09/19/13 07:54	09/23/13 11:19	1
Acenaphthene	<0.093		0.75	0.093	ug/L		09/19/13 07:54	09/23/13 11:19	1
Acenaphthylene	<0.10		0.75	0.10	ug/L		09/19/13 07:54	09/23/13 11:19	1
Anthracene	<0.14		0.75	0.14	ug/L		09/19/13 07:54	09/23/13 11:19	1
Benzo[a]anthracene	<0.049		0.15	0.049	ug/L		09/19/13 07:54	09/23/13 11:19	1
Benzo[a]pyrene	<0.057		0.15	0.057	ug/L		09/19/13 07:54	09/23/13 11:19	1
Benzo[b]fluoranthene	<0.061		0.15	0.061	ug/L		09/19/13 07:54	09/23/13 11:19	1
Benzo[g,h,i]perylene	<0.36		0.75	0.36	ug/L		09/19/13 07:54	09/23/13 11:19	1
Benzo[k]fluoranthene	<0.13		0.15	0.13	ug/L		09/19/13 07:54	09/23/13 11:19	1
Chrysene	<0.070		0.38	0.070	ug/L		09/19/13 07:54	09/23/13 11:19	1
Dibenz(a,h)anthracene	<0.085		0.23	0.085	ug/L		09/19/13 07:54	09/23/13 11:19	1
Fluoranthene	**0.27**	**J**	0.75	0.15	ug/L		09/19/13 07:54	09/23/13 11:19	1
Fluorene	<0.13		0.75	0.13	ug/L		09/19/13 07:54	09/23/13 11:19	1
Indeno[1,2,3-cd]pyrene	<0.058		0.15	0.058	ug/L		09/19/13 07:54	09/23/13 11:19	1
Naphthalene	<0.12		0.75	0.12	ug/L		09/19/13 07:54	09/23/13 11:19	1
Phenanthrene	<0.16		0.75	0.16	ug/L		09/19/13 07:54	09/23/13 11:19	1
Pyrene	**0.24**	**J**	0.75	0.17	ug/L		09/19/13 07:54	09/23/13 11:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*76*		*41 - 132*	*09/19/13 07:54*	*09/23/13 11:19*	*1*
Nitrobenzene-d5 (Surr)	*85*		*47 - 134*	*09/19/13 07:54*	*09/23/13 11:19*	*1*
Terphenyl-d14 (Surr)	*97*		*59 - 150*	*09/19/13 07:54*	*09/23/13 11:19*	*1*

Client Sample ID: P-110
Date Collected: 09/12/13 12:30
Date Received: 09/14/13 09:25

Lab Sample ID: 500-63022-8
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.25		1.0	0.25	ug/L			09/20/13 03:59	1
1,1,1-Trichloroethane	<0.20		1.0	0.20	ug/L			09/20/13 03:59	1
1,1,2,2-Tetrachloroethane	<0.23		1.0	0.23	ug/L			09/20/13 03:59	1
1,1,2-Trichloroethane	<0.28		1.0	0.28	ug/L			09/20/13 03:59	1
1,1-Dichloroethane	<0.19		1.0	0.19	ug/L			09/20/13 03:59	1
1,1-Dichloroethene	<0.31		1.0	0.31	ug/L			09/20/13 03:59	1
1,1-Dichloropropene	<0.34		1.0	0.34	ug/L			09/20/13 03:59	1
1,2,3-Trichlorobenzene	<0.24		1.0	0.24	ug/L			09/20/13 03:59	1
1,2,3-Trichloropropane	<0.45		1.0	0.45	ug/L			09/20/13 03:59	1
1,2,4-Trichlorobenzene	<0.31		1.0	0.31	ug/L			09/20/13 03:59	1
1,2,4-Trimethylbenzene	**3.1**		1.0	0.14	ug/L			09/20/13 03:59	1
1,2-Dibromo-3-Chloropropane	<0.87		2.0	0.87	ug/L			09/20/13 03:59	1
1,2-Dibromoethane	<0.36		1.0	0.36	ug/L			09/20/13 03:59	1
1,2-Dichlorobenzene	<0.27		1.0	0.27	ug/L			09/20/13 03:59	1
1,2-Dichloroethane	<0.28		1.0	0.28	ug/L			09/20/13 03:59	1
1,2-Dichloropropane	<0.20		1.0	0.20	ug/L			09/20/13 03:59	1
1,3,5-Trimethylbenzene	**0.90**	**J**	1.0	0.18	ug/L			09/20/13 03:59	1
1,3-Dichlorobenzene	<0.15		1.0	0.15	ug/L			09/20/13 03:59	1
1,3-Dichloropropane	<0.13		1.0	0.13	ug/L			09/20/13 03:59	1
1,4-Dichlorobenzene	<0.15		1.0	0.15	ug/L			09/20/13 03:59	1
2,2-Dichloropropane	<0.32		1.0	0.32	ug/L			09/20/13 03:59	1
2-Chlorotoluene	<0.21		1.0	0.21	ug/L			09/20/13 03:59	1
4-Chlorotoluene	<0.20		1.0	0.20	ug/L			09/20/13 03:59	1
Benzene	**0.63**		0.50	0.074	ug/L			09/20/13 03:59	1
Bromobenzene	<0.25		1.0	0.25	ug/L			09/20/13 03:59	1
Bromochloromethane	<0.40		1.0	0.40	ug/L			09/20/13 03:59	1
Bromodichloromethane	<0.17		1.0	0.17	ug/L			09/20/13 03:59	1
Bromoform	<0.28		1.0	0.28	ug/L			09/20/13 03:59	1
Bromomethane	<0.31		1.0	0.31	ug/L			09/20/13 03:59	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/L			09/20/13 03:59	1
Chlorobenzene	<0.14		1.0	0.14	ug/L			09/20/13 03:59	1
Chloroethane	<0.34		1.0	0.34	ug/L			09/20/13 03:59	1
Chloroform	<0.20		1.0	0.20	ug/L			09/20/13 03:59	1
Chloromethane	<0.18		1.0	0.18	ug/L			09/20/13 03:59	1
cis-1,2-Dichloroethene	<0.12		1.0	0.12	ug/L			09/20/13 03:59	1
cis-1,3-Dichloropropene	<0.18		1.0	0.18	ug/L			09/20/13 03:59	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			09/20/13 03:59	1
Dibromomethane	<0.33		1.0	0.33	ug/L			09/20/13 03:59	1
Dichlorodifluoromethane	<0.20		1.0	0.20	ug/L			09/20/13 03:59	1
Ethylbenzene	**2.5**		0.50	0.13	ug/L			09/20/13 03:59	1
Hexachlorobutadiene	<0.26		1.0	0.26	ug/L			09/20/13 03:59	1
Isopropyl ether	<0.15		1.0	0.15	ug/L			09/20/13 03:59	1
Isopropylbenzene	<0.14		1.0	0.14	ug/L			09/20/13 03:59	1
Methyl tert-butyl ether	<0.24		1.0	0.24	ug/L			09/20/13 03:59	1
Methylene Chloride	<0.68		5.0	0.68	ug/L			09/20/13 03:59	1
n-Butylbenzene	<0.13		1.0	0.13	ug/L			09/20/13 03:59	1
N-Propylbenzene	<0.13		1.0	0.13	ug/L			09/20/13 03:59	1
p-Isopropyltoluene	<0.17		1.0	0.17	ug/L			09/20/13 03:59	1
sec-Butylbenzene	<0.15		1.0	0.15	ug/L			09/20/13 03:59	1

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201

TestAmerica Job ID: 500-63022-1

Client Sample ID: P-110
Date Collected: 09/12/13 12:30
Date Received: 09/14/13 09:25

Lab Sample ID: 500-63022-8
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	<0.10		1.0	0.10	ug/L			09/20/13 03:59	1
tert-Butylbenzene	<0.14		1.0	0.14	ug/L			09/20/13 03:59	1
Tetrachloroethene	<0.17		1.0	0.17	ug/L			09/20/13 03:59	1
Toluene	**2.3**		0.50	0.11	ug/L			09/20/13 03:59	1
trans-1,2-Dichloroethene	<0.25		1.0	0.25	ug/L			09/20/13 03:59	1
trans-1,3-Dichloropropene	<0.21		1.0	0.21	ug/L			09/20/13 03:59	1
Trichloroethene	<0.19		0.50	0.19	ug/L			09/20/13 03:59	1
Trichlorofluoromethane	<0.19		1.0	0.19	ug/L			09/20/13 03:59	1
Vinyl chloride	<0.10		0.50	0.10	ug/L			09/20/13 03:59	1
Xylenes, Total	**6.5**		1.0	0.068	ug/L			09/20/13 03:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*75 - 125*		*09/20/13 03:59*	*1*
4-Bromofluorobenzene (Surr)	*94*		*75 - 120*		*09/20/13 03:59*	*1*
Dibromofluoromethane	*113*		*75 - 120*		*09/20/13 03:59*	*1*
Toluene-d8 (Surr)	*97*		*75 - 120*		*09/20/13 03:59*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	**970**		20	3.2	ug/L			09/20/13 18:15	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*75 - 125*		*09/20/13 18:15*	*20*
4-Bromofluorobenzene (Surr)	*90*		*75 - 120*		*09/20/13 18:15*	*20*
Dibromofluoromethane	*107*		*75 - 120*		*09/20/13 18:15*	*20*
Toluene-d8 (Surr)	*98*		*75 - 120*		*09/20/13 18:15*	*20*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.37		0.74	0.37	ug/L		09/19/13 07:54	09/23/13 11:44	1
2-Methylnaphthalene	<0.062		0.37	0.062	ug/L		09/19/13 07:54	09/23/13 11:44	1
Acenaphthene	<0.091		0.74	0.091	ug/L		09/19/13 07:54	09/23/13 11:44	1
Acenaphthylene	<0.099		0.74	0.099	ug/L		09/19/13 07:54	09/23/13 11:44	1
Anthracene	**0.73**	**J**	0.74	0.14	ug/L		09/19/13 07:54	09/23/13 11:44	1
Benzo[a]anthracene	**0.40**		0.15	0.048	ug/L		09/19/13 07:54	09/23/13 11:44	1
Benzo[a]pyrene	**0.37**		0.15	0.056	ug/L		09/19/13 07:54	09/23/13 11:44	1
Benzo[b]fluoranthene	**0.44**		0.15	0.060	ug/L		09/19/13 07:54	09/23/13 11:44	1
Benzo[g,h,i]perylene	<0.36		0.74	0.36	ug/L		09/19/13 07:54	09/23/13 11:44	1
Benzo[k]fluoranthene	**0.26**		0.15	0.12	ug/L		09/19/13 07:54	09/23/13 11:44	1
Chrysene	**0.59**		0.37	0.069	ug/L		09/19/13 07:54	09/23/13 11:44	1
Dibenz(a,h)anthracene	<0.084		0.22	0.084	ug/L		09/19/13 07:54	09/23/13 11:44	1
Fluoranthene	**1.2**		0.74	0.15	ug/L		09/19/13 07:54	09/23/13 11:44	1
Fluorene	<0.12		0.74	0.12	ug/L		09/19/13 07:54	09/23/13 11:44	1
Indeno[1,2,3-cd]pyrene	**0.17**		0.15	0.057	ug/L		09/19/13 07:54	09/23/13 11:44	1
Naphthalene	**0.40**	**J**	0.74	0.11	ug/L		09/19/13 07:54	09/23/13 11:44	1
Phenanthrene	**0.55**	**J**	0.74	0.16	ug/L		09/19/13 07:54	09/23/13 11:44	1
Pyrene	**0.96**		0.74	0.17	ug/L		09/19/13 07:54	09/23/13 11:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*65*		*41 - 132*	*09/19/13 07:54*	*09/23/13 11:44*	*1*
Nitrobenzene-d5 (Surr)	*67*		*47 - 134*	*09/19/13 07:54*	*09/23/13 11:44*	*1*

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201

TestAmerica Job ID: 500-63022-1

Client Sample ID: P-110
Date Collected: 09/12/13 12:30
Date Received: 09/14/13 09:25

Lab Sample ID: 500-63022-8
Matrix: Water

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Terphenyl-d14 (Surr)	89		59 - 150	09/19/13 07:54	09/23/13 11:44	1

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201

TestAmerica Job ID: 500-63022-1

Client Sample ID: MW-116
Date Collected: 09/12/13 12:45
Date Received: 09/14/13 09:25

Lab Sample ID: 500-63022-9
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.25		1.0	0.25	ug/L			09/20/13 15:47	1
1,1,1-Trichloroethane	<0.20		1.0	0.20	ug/L			09/20/13 15:47	1
1,1,2,2-Tetrachloroethane	<0.23		1.0	0.23	ug/L			09/20/13 15:47	1
1,1,2-Trichloroethane	<0.28		1.0	0.28	ug/L			09/20/13 15:47	1
1,1-Dichloroethane	<0.19		1.0	0.19	ug/L			09/20/13 15:47	1
1,1-Dichloroethene	<0.31		1.0	0.31	ug/L			09/20/13 15:47	1
1,1-Dichloropropene	<0.34		1.0	0.34	ug/L			09/20/13 15:47	1
1,2,3-Trichlorobenzene	<0.24		1.0	0.24	ug/L			09/20/13 15:47	1
1,2,3-Trichloropropane	<0.45		1.0	0.45	ug/L			09/20/13 15:47	1
1,2,4-Trichlorobenzene	<0.31		1.0	0.31	ug/L			09/20/13 15:47	1
1,2,4-Trimethylbenzene	<0.14		1.0	0.14	ug/L			09/20/13 15:47	1
1,2-Dibromo-3-Chloropropane	<0.87		2.0	0.87	ug/L			09/20/13 15:47	1
1,2-Dibromoethane	<0.36		1.0	0.36	ug/L			09/20/13 15:47	1
1,2-Dichlorobenzene	<0.27		1.0	0.27	ug/L			09/20/13 15:47	1
1,2-Dichloroethane	<0.28		1.0	0.28	ug/L			09/20/13 15:47	1
1,2-Dichloropropane	<0.20		1.0	0.20	ug/L			09/20/13 15:47	1
1,3,5-Trimethylbenzene	<0.18		1.0	0.18	ug/L			09/20/13 15:47	1
1,3-Dichlorobenzene	<0.15		1.0	0.15	ug/L			09/20/13 15:47	1
1,3-Dichloropropane	<0.13		1.0	0.13	ug/L			09/20/13 15:47	1
1,4-Dichlorobenzene	<0.15		1.0	0.15	ug/L			09/20/13 15:47	1
2,2-Dichloropropane	<0.32		1.0	0.32	ug/L			09/20/13 15:47	1
2-Chlorotoluene	<0.21		1.0	0.21	ug/L			09/20/13 15:47	1
4-Chlorotoluene	<0.20		1.0	0.20	ug/L			09/20/13 15:47	1
Benzene	<0.074		0.50	0.074	ug/L			09/20/13 15:47	1
Bromobenzene	<0.25		1.0	0.25	ug/L			09/20/13 15:47	1
Bromochloromethane	<0.40		1.0	0.40	ug/L			09/20/13 15:47	1
Bromodichloromethane	<0.17		1.0	0.17	ug/L			09/20/13 15:47	1
Bromoform	<0.28		1.0	0.28	ug/L			09/20/13 15:47	1
Bromomethane	<0.31		1.0	0.31	ug/L			09/20/13 15:47	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/L			09/20/13 15:47	1
Chlorobenzene	<0.14		1.0	0.14	ug/L			09/20/13 15:47	1
Chloroethane	<0.34		1.0	0.34	ug/L			09/20/13 15:47	1
Chloroform	<0.20		1.0	0.20	ug/L			09/20/13 15:47	1
Chloromethane	<0.18		1.0	0.18	ug/L			09/20/13 15:47	1
cis-1,2-Dichloroethene	<0.12		1.0	0.12	ug/L			09/20/13 15:47	1
cis-1,3-Dichloropropene	<0.18		1.0	0.18	ug/L			09/20/13 15:47	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			09/20/13 15:47	1
Dibromomethane	<0.33		1.0	0.33	ug/L			09/20/13 15:47	1
Dichlorodifluoromethane	<0.20		1.0	0.20	ug/L			09/20/13 15:47	1
Ethylbenzene	<0.13		0.50	0.13	ug/L			09/20/13 15:47	1
Hexachlorobutadiene	<0.26		1.0	0.26	ug/L			09/20/13 15:47	1
Isopropyl ether	<0.15		1.0	0.15	ug/L			09/20/13 15:47	1
Isopropylbenzene	<0.14		1.0	0.14	ug/L			09/20/13 15:47	1
Methyl tert-butyl ether	<0.24		1.0	0.24	ug/L			09/20/13 15:47	1
Methylene Chloride	<0.68		5.0	0.68	ug/L			09/20/13 15:47	1
Naphthalene	**1.1**		1.0	0.16	ug/L			09/20/13 15:47	1
n-Butylbenzene	<0.13		1.0	0.13	ug/L			09/20/13 15:47	1
N-Propylbenzene	<0.13		1.0	0.13	ug/L			09/20/13 15:47	1
p-Isopropyltoluene	<0.17		1.0	0.17	ug/L			09/20/13 15:47	1

Client Sample ID: MW-116
Date Collected: 09/12/13 12:45
Date Received: 09/14/13 09:25

Lab Sample ID: 500-63022-9
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.15		1.0	0.15	ug/L			09/20/13 15:47	1
Styrene	<0.10		1.0	0.10	ug/L			09/20/13 15:47	1
tert-Butylbenzene	<0.14		1.0	0.14	ug/L			09/20/13 15:47	1
Tetrachloroethene	<0.17		1.0	0.17	ug/L			09/20/13 15:47	1
Toluene	<0.11		0.50	0.11	ug/L			09/20/13 15:47	1
trans-1,2-Dichloroethene	<0.25		1.0	0.25	ug/L			09/20/13 15:47	1
trans-1,3-Dichloropropene	<0.21		1.0	0.21	ug/L			09/20/13 15:47	1
Trichloroethene	<0.19		0.50	0.19	ug/L			09/20/13 15:47	1
Trichlorofluoromethane	<0.19		1.0	0.19	ug/L			09/20/13 15:47	1
Vinyl chloride	<0.10		0.50	0.10	ug/L			09/20/13 15:47	1
Xylenes, Total	<0.068		1.0	0.068	ug/L			09/20/13 15:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*75 - 125*		*09/20/13 15:47*	*1*
4-Bromofluorobenzene (Surr)	*91*		*75 - 120*		*09/20/13 15:47*	*1*
Dibromofluoromethane	*103*		*75 - 120*		*09/20/13 15:47*	*1*
Toluene-d8 (Surr)	*101*		*75 - 120*		*09/20/13 15:47*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.36		0.73	0.36	ug/L		09/19/13 07:54	09/23/13 12:08	1
2-Methylnaphthalene	**0.58**		0.36	0.061	ug/L		09/19/13 07:54	09/23/13 12:08	1
Acenaphthene	<0.090		0.73	0.090	ug/L		09/19/13 07:54	09/23/13 12:08	1
Acenaphthylene	<0.098		0.73	0.098	ug/L		09/19/13 07:54	09/23/13 12:08	1
Anthracene	<0.13		0.73	0.13	ug/L		09/19/13 07:54	09/23/13 12:08	1
Benzo[a]anthracene	<0.047		0.15	0.047	ug/L		09/19/13 07:54	09/23/13 12:08	1
Benzo[a]pyrene	<0.055		0.15	0.055	ug/L		09/19/13 07:54	09/23/13 12:08	1
Benzo[b]fluoranthene	<0.059		0.15	0.059	ug/L		09/19/13 07:54	09/23/13 12:08	1
Benzo[g,h,i]perylene	<0.35		0.73	0.35	ug/L		09/19/13 07:54	09/23/13 12:08	1
Benzo[k]fluoranthene	<0.12		0.15	0.12	ug/L		09/19/13 07:54	09/23/13 12:08	1
Chrysene	<0.068		0.36	0.068	ug/L		09/19/13 07:54	09/23/13 12:08	1
Dibenz(a,h)anthracene	<0.082		0.22	0.082	ug/L		09/19/13 07:54	09/23/13 12:08	1
Fluoranthene	**0.24**	**J**	0.73	0.15	ug/L		09/19/13 07:54	09/23/13 12:08	1
Fluorene	<0.12		0.73	0.12	ug/L		09/19/13 07:54	09/23/13 12:08	1
Indeno[1,2,3-cd]pyrene	<0.056		0.15	0.056	ug/L		09/19/13 07:54	09/23/13 12:08	1
Naphthalene	**6.1**		0.73	0.11	ug/L		09/19/13 07:54	09/23/13 12:08	1
Phenanthrene	<0.15		0.73	0.15	ug/L		09/19/13 07:54	09/23/13 12:08	1
Pyrene	**0.19**	**J**	0.73	0.17	ug/L		09/19/13 07:54	09/23/13 12:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*69*		*41 - 132*	*09/19/13 07:54*	*09/23/13 12:08*	*1*
Nitrobenzene-d5 (Surr)	*75*		*47 - 134*	*09/19/13 07:54*	*09/23/13 12:08*	*1*
Terphenyl-d14 (Surr)	*86*		*59 - 150*	*09/19/13 07:54*	*09/23/13 12:08*	*1*

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201

TestAmerica Job ID: 500-63022-1

Client Sample ID: MW-117
Date Collected: 09/12/13 13:05
Date Received: 09/14/13 09:25

Lab Sample ID: 500-63022-10
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<2.5		10	2.5	ug/L			09/20/13 07:15	10
1,1,1-Trichloroethane	<2.0		10	2.0	ug/L			09/20/13 07:15	10
1,1,2,2-Tetrachloroethane	<2.3		10	2.3	ug/L			09/20/13 07:15	10
1,1,2-Trichloroethane	<2.8		10	2.8	ug/L			09/20/13 07:15	10
1,1-Dichloroethane	<1.9		10	1.9	ug/L			09/20/13 07:15	10
1,1-Dichloroethene	<3.1		10	3.1	ug/L			09/20/13 07:15	10
1,1-Dichloropropene	<3.4		10	3.4	ug/L			09/20/13 07:15	10
1,2,3-Trichlorobenzene	<2.4		10	2.4	ug/L			09/20/13 07:15	10
1,2,3-Trichloropropane	<4.5		10	4.5	ug/L			09/20/13 07:15	10
1,2,4-Trichlorobenzene	<3.1		10	3.1	ug/L			09/20/13 07:15	10
1,2,4-Trimethylbenzene	**510**		10	1.4	ug/L			09/20/13 07:15	10
1,2-Dibromo-3-Chloropropane	<8.7		20	8.7	ug/L			09/20/13 07:15	10
1,2-Dibromoethane	<3.6		10	3.6	ug/L			09/20/13 07:15	10
1,2-Dichlorobenzene	<2.7		10	2.7	ug/L			09/20/13 07:15	10
1,2-Dichloroethane	<2.8		10	2.8	ug/L			09/20/13 07:15	10
1,2-Dichloropropane	<2.0		10	2.0	ug/L			09/20/13 07:15	10
1,3,5-Trimethylbenzene	**220**		10	1.8	ug/L			09/20/13 07:15	10
1,3-Dichlorobenzene	<1.5		10	1.5	ug/L			09/20/13 07:15	10
1,3-Dichloropropane	<1.3		10	1.3	ug/L			09/20/13 07:15	10
1,4-Dichlorobenzene	<1.5		10	1.5	ug/L			09/20/13 07:15	10
2,2-Dichloropropane	<3.2		10	3.2	ug/L			09/20/13 07:15	10
2-Chlorotoluene	<2.1		10	2.1	ug/L			09/20/13 07:15	10
4-Chlorotoluene	<2.0		10	2.0	ug/L			09/20/13 07:15	10
Bromobenzene	<2.5		10	2.5	ug/L			09/20/13 07:15	10
Bromochloromethane	<4.0		10	4.0	ug/L			09/20/13 07:15	10
Bromodichloromethane	<1.7		10	1.7	ug/L			09/20/13 07:15	10
Bromoform	<2.8		10	2.8	ug/L			09/20/13 07:15	10
Bromomethane	<3.1		10	3.1	ug/L			09/20/13 07:15	10
Carbon tetrachloride	<2.6		10	2.6	ug/L			09/20/13 07:15	10
Chlorobenzene	<1.4		10	1.4	ug/L			09/20/13 07:15	10
Chloroethane	<3.4		10	3.4	ug/L			09/20/13 07:15	10
Chloroform	<2.0		10	2.0	ug/L			09/20/13 07:15	10
Chloromethane	<1.8		10	1.8	ug/L			09/20/13 07:15	10
cis-1,2-Dichloroethene	<1.2		10	1.2	ug/L			09/20/13 07:15	10
cis-1,3-Dichloropropene	<1.8		10	1.8	ug/L			09/20/13 07:15	10
Dibromochloromethane	<3.2		10	3.2	ug/L			09/20/13 07:15	10
Dibromomethane	<3.3		10	3.3	ug/L			09/20/13 07:15	10
Dichlorodifluoromethane	<2.0		10	2.0	ug/L			09/20/13 07:15	10
Ethylbenzene	**390**		5.0	1.3	ug/L			09/20/13 07:15	10
Hexachlorobutadiene	<2.6		10	2.6	ug/L			09/20/13 07:15	10
Isopropyl ether	<1.5		10	1.5	ug/L			09/20/13 07:15	10
Isopropylbenzene	**21**		10	1.4	ug/L			09/20/13 07:15	10
Methyl tert-butyl ether	<2.4		10	2.4	ug/L			09/20/13 07:15	10
Methylene Chloride	<6.8		50	6.8	ug/L			09/20/13 07:15	10
n-Butylbenzene	<1.3		10	1.3	ug/L			09/20/13 07:15	10
N-Propylbenzene	**11**		10	1.3	ug/L			09/20/13 07:15	10
p-Isopropyltoluene	<1.7		10	1.7	ug/L			09/20/13 07:15	10
sec-Butylbenzene	<1.5		10	1.5	ug/L			09/20/13 07:15	10
Styrene	<1.0		10	1.0	ug/L			09/20/13 07:15	10

Client Sample ID: MW-117
Date Collected: 09/12/13 13:05
Date Received: 09/14/13 09:25

Lab Sample ID: 500-63022-10
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	<1.4		10	1.4	ug/L			09/20/13 07:15	10
Tetrachloroethene	<1.7		10	1.7	ug/L			09/20/13 07:15	10
trans-1,2-Dichloroethene	<2.5		10	2.5	ug/L			09/20/13 07:15	10
trans-1,3-Dichloropropene	<2.1		10	2.1	ug/L			09/20/13 07:15	10
Trichloroethene	<1.9		5.0	1.9	ug/L			09/20/13 07:15	10
Trichlorofluoromethane	<1.9		10	1.9	ug/L			09/20/13 07:15	10
Vinyl chloride	<1.0		5.0	1.0	ug/L			09/20/13 07:15	10
Xylenes, Total	**2500**		10	0.68	ug/L			09/20/13 07:15	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*75 - 125*		*09/20/13 07:15*	*10*
4-Bromofluorobenzene (Surr)	*93*		*75 - 120*		*09/20/13 07:15*	*10*
Dibromofluoromethane	*107*		*75 - 120*		*09/20/13 07:15*	*10*
Toluene-d8 (Surr)	*98*		*75 - 120*		*09/20/13 07:15*	*10*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**4100**		50	7.4	ug/L			09/20/13 07:40	100
Toluene	**3800**		50	11	ug/L			09/20/13 07:40	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*75 - 125*		*09/20/13 07:40*	*100*
4-Bromofluorobenzene (Surr)	*92*		*75 - 120*		*09/20/13 07:40*	*100*
Dibromofluoromethane	*106*		*75 - 120*		*09/20/13 07:40*	*100*
Toluene-d8 (Surr)	*102*		*75 - 120*		*09/20/13 07:40*	*100*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	**18000**		500	80	ug/L			09/20/13 18:39	500

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*75 - 125*		*09/20/13 18:39*	*500*
4-Bromofluorobenzene (Surr)	*92*		*75 - 120*		*09/20/13 18:39*	*500*
Dibromofluoromethane	*108*		*75 - 120*		*09/20/13 18:39*	*500*
Toluene-d8 (Surr)	*102*		*75 - 120*		*09/20/13 18:39*	*500*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**840**		300	150	ug/L		09/19/13 07:54	09/23/13 17:52	200
2-Methylnaphthalene	**1600**		150	25	ug/L		09/19/13 07:54	09/23/13 17:52	200
Acenaphthene	**200**	**J**	300	37	ug/L		09/19/13 07:54	09/23/13 17:52	200
Acenaphthylene	<40		300	40	ug/L		09/19/13 07:54	09/23/13 17:52	200
Anthracene	<55		300	55	ug/L		09/19/13 07:54	09/23/13 17:52	200
Benzo[a]anthracene	<19		59	19	ug/L		09/19/13 07:54	09/23/13 17:52	200
Benzo[a]pyrene	<22		59	22	ug/L		09/19/13 07:54	09/23/13 17:52	200
Benzo[b]fluoranthene	<24		59	24	ug/L		09/19/13 07:54	09/23/13 17:52	200
Benzo[g,h,i]perylene	<140		300	140	ug/L		09/19/13 07:54	09/23/13 17:52	200
Benzo[k]fluoranthene	<50		59	50	ug/L		09/19/13 07:54	09/23/13 17:52	200
Chrysene	<28		150	28	ug/L		09/19/13 07:54	09/23/13 17:52	200
Dibenz(a,h)anthracene	<34		89	34	ug/L		09/19/13 07:54	09/23/13 17:52	200
Fluoranthene	<60		300	60	ug/L		09/19/13 07:54	09/23/13 17:52	200

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201

TestAmerica Job ID: 500-63022-1

Client Sample ID: MW-117
Date Collected: 09/12/13 13:05
Date Received: 09/14/13 09:25

Lab Sample ID: 500-63022-10
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	<50		300	50	ug/L		09/19/13 07:54	09/23/13 17:52	200
Indeno[1,2,3-cd]pyrene	<23		59	23	ug/L		09/19/13 07:54	09/23/13 17:52	200
Naphthalene	**13000**		300	46	ug/L		09/19/13 07:54	09/23/13 17:52	200
Phenanthrene	**120**	**J**	300	63	ug/L		09/19/13 07:54	09/23/13 17:52	200
Pyrene	<67		300	67	ug/L		09/19/13 07:54	09/23/13 17:52	200

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*0*	*D*	*41 - 132*	*09/19/13 07:54*	*09/23/13 17:52*	*200*
Nitrobenzene-d5 (Surr)	*0*	*D*	*47 - 134*	*09/19/13 07:54*	*09/23/13 17:52*	*200*
Terphenyl-d14 (Surr)	*0*	*D*	*59 - 150*	*09/19/13 07:54*	*09/23/13 17:52*	*200*

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201

TestAmerica Job ID: 500-63022-1

Client Sample ID: MW-117 DUP
Date Collected: 09/12/13 13:10
Date Received: 09/14/13 09:25

Lab Sample ID: 500-63022-11
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<2.5		10	2.5	ug/L			09/20/13 08:04	10
1,1,1-Trichloroethane	<2.0		10	2.0	ug/L			09/20/13 08:04	10
1,1,2,2-Tetrachloroethane	<2.3		10	2.3	ug/L			09/20/13 08:04	10
1,1,2-Trichloroethane	<2.8		10	2.8	ug/L			09/20/13 08:04	10
1,1-Dichloroethane	<1.9		10	1.9	ug/L			09/20/13 08:04	10
1,1-Dichloroethene	<3.1		10	3.1	ug/L			09/20/13 08:04	10
1,1-Dichloropropene	<3.4		10	3.4	ug/L			09/20/13 08:04	10
1,2,3-Trichlorobenzene	<2.4		10	2.4	ug/L			09/20/13 08:04	10
1,2,3-Trichloropropane	<4.5		10	4.5	ug/L			09/20/13 08:04	10
1,2,4-Trichlorobenzene	<3.1		10	3.1	ug/L			09/20/13 08:04	10
1,2,4-Trimethylbenzene	**530**		10	1.4	ug/L			09/20/13 08:04	10
1,2-Dibromo-3-Chloropropane	<8.7		20	8.7	ug/L			09/20/13 08:04	10
1,2-Dibromoethane	<3.6		10	3.6	ug/L			09/20/13 08:04	10
1,2-Dichlorobenzene	<2.7		10	2.7	ug/L			09/20/13 08:04	10
1,2-Dichloroethane	<2.8		10	2.8	ug/L			09/20/13 08:04	10
1,2-Dichloropropane	<2.0		10	2.0	ug/L			09/20/13 08:04	10
1,3,5-Trimethylbenzene	**230**		10	1.8	ug/L			09/20/13 08:04	10
1,3-Dichlorobenzene	<1.5		10	1.5	ug/L			09/20/13 08:04	10
1,3-Dichloropropane	<1.3		10	1.3	ug/L			09/20/13 08:04	10
1,4-Dichlorobenzene	<1.5		10	1.5	ug/L			09/20/13 08:04	10
2,2-Dichloropropane	<3.2		10	3.2	ug/L			09/20/13 08:04	10
2-Chlorotoluene	<2.1		10	2.1	ug/L			09/20/13 08:04	10
4-Chlorotoluene	<2.0		10	2.0	ug/L			09/20/13 08:04	10
Bromobenzene	<2.5		10	2.5	ug/L			09/20/13 08:04	10
Bromochloromethane	<4.0		10	4.0	ug/L			09/20/13 08:04	10
Bromodichloromethane	<1.7		10	1.7	ug/L			09/20/13 08:04	10
Bromoform	<2.8		10	2.8	ug/L			09/20/13 08:04	10
Bromomethane	<3.1		10	3.1	ug/L			09/20/13 08:04	10
Carbon tetrachloride	<2.6		10	2.6	ug/L			09/20/13 08:04	10
Chlorobenzene	<1.4		10	1.4	ug/L			09/20/13 08:04	10
Chloroethane	<3.4		10	3.4	ug/L			09/20/13 08:04	10
Chloroform	<2.0		10	2.0	ug/L			09/20/13 08:04	10
Chloromethane	<1.8		10	1.8	ug/L			09/20/13 08:04	10
cis-1,2-Dichloroethene	<1.2		10	1.2	ug/L			09/20/13 08:04	10
cis-1,3-Dichloropropene	<1.8		10	1.8	ug/L			09/20/13 08:04	10
Dibromochloromethane	<3.2		10	3.2	ug/L			09/20/13 08:04	10
Dibromomethane	<3.3		10	3.3	ug/L			09/20/13 08:04	10
Dichlorodifluoromethane	<2.0		10	2.0	ug/L			09/20/13 08:04	10
Ethylbenzene	**390**		5.0	1.3	ug/L			09/20/13 08:04	10
Hexachlorobutadiene	<2.6		10	2.6	ug/L			09/20/13 08:04	10
Isopropyl ether	<1.5		10	1.5	ug/L			09/20/13 08:04	10
Isopropylbenzene	**23**		10	1.4	ug/L			09/20/13 08:04	10
Methyl tert-butyl ether	<2.4		10	2.4	ug/L			09/20/13 08:04	10
Methylene Chloride	<6.8		50	6.8	ug/L			09/20/13 08:04	10
n-Butylbenzene	<1.3		10	1.3	ug/L			09/20/13 08:04	10
N-Propylbenzene	**12**		10	1.3	ug/L			09/20/13 08:04	10
p-Isopropyltoluene	<1.7		10	1.7	ug/L			09/20/13 08:04	10
sec-Butylbenzene	<1.5		10	1.5	ug/L			09/20/13 08:04	10
Styrene	<1.0		10	1.0	ug/L			09/20/13 08:04	10

Client Sample ID: MW-117 DUP
Date Collected: 09/12/13 13:10
Date Received: 09/14/13 09:25

Lab Sample ID: 500-63022-11
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	<1.4		10	1.4	ug/L			09/20/13 08:04	10
Tetrachloroethene	<1.7		10	1.7	ug/L			09/20/13 08:04	10
trans-1,2-Dichloroethene	<2.5		10	2.5	ug/L			09/20/13 08:04	10
trans-1,3-Dichloropropene	<2.1		10	2.1	ug/L			09/20/13 08:04	10
Trichloroethene	<1.9		5.0	1.9	ug/L			09/20/13 08:04	10
Trichlorofluoromethane	<1.9		10	1.9	ug/L			09/20/13 08:04	10
Vinyl chloride	<1.0		5.0	1.0	ug/L			09/20/13 08:04	10
Xylenes, Total	**2500**		10	0.68	ug/L			09/20/13 08:04	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*75 - 125*		*09/20/13 08:04*	*10*
4-Bromofluorobenzene (Surr)	*96*		*75 - 120*		*09/20/13 08:04*	*10*
Dibromofluoromethane	*108*		*75 - 120*		*09/20/13 08:04*	*10*
Toluene-d8 (Surr)	*100*		*75 - 120*		*09/20/13 08:04*	*10*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**4900**		50	7.4	ug/L			09/20/13 08:29	100
Toluene	**4400**		50	11	ug/L			09/20/13 08:29	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*75 - 125*		*09/20/13 08:29*	*100*
4-Bromofluorobenzene (Surr)	*95*		*75 - 120*		*09/20/13 08:29*	*100*
Dibromofluoromethane	*106*		*75 - 120*		*09/20/13 08:29*	*100*
Toluene-d8 (Surr)	*98*		*75 - 120*		*09/20/13 08:29*	*100*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	**17000**		500	80	ug/L			09/20/13 19:04	500

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*75 - 125*		*09/20/13 19:04*	*500*
4-Bromofluorobenzene (Surr)	*92*		*75 - 120*		*09/20/13 19:04*	*500*
Dibromofluoromethane	*110*		*75 - 120*		*09/20/13 19:04*	*500*
Toluene-d8 (Surr)	*102*		*75 - 120*		*09/20/13 19:04*	*500*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**850**		300	150	ug/L		09/19/13 07:54	09/23/13 18:16	200
2-Methylnaphthalene	**1700**		150	25	ug/L		09/19/13 07:54	09/23/13 18:16	200
Acenaphthene	**250**	**J**	300	37	ug/L		09/19/13 07:54	09/23/13 18:16	200
Acenaphthylene	<40		300	40	ug/L		09/19/13 07:54	09/23/13 18:16	200
Anthracene	<55		300	55	ug/L		09/19/13 07:54	09/23/13 18:16	200
Benzo[a]anthracene	<19		60	19	ug/L		09/19/13 07:54	09/23/13 18:16	200
Benzo[a]pyrene	<22		60	22	ug/L		09/19/13 07:54	09/23/13 18:16	200
Benzo[b]fluoranthene	<24		60	24	ug/L		09/19/13 07:54	09/23/13 18:16	200
Benzo[g,h,i]perylene	<140		300	140	ug/L		09/19/13 07:54	09/23/13 18:16	200
Benzo[k]fluoranthene	<50		60	50	ug/L		09/19/13 07:54	09/23/13 18:16	200
Chrysene	<28		150	28	ug/L		09/19/13 07:54	09/23/13 18:16	200
Dibenz(a,h)anthracene	<34		89	34	ug/L		09/19/13 07:54	09/23/13 18:16	200
Fluoranthene	**110**	**J**	300	61	ug/L		09/19/13 07:54	09/23/13 18:16	200

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201

TestAmerica Job ID: 500-63022-1

Client Sample ID: MW-117 DUP
Date Collected: 09/12/13 13:10
Date Received: 09/14/13 09:25

Lab Sample ID: 500-63022-11
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	<50		300	50	ug/L		09/19/13 07:54	09/23/13 18:16	200
Indeno[1,2,3-cd]pyrene	<23		60	23	ug/L		09/19/13 07:54	09/23/13 18:16	200
Naphthalene	**12000**		300	46	ug/L		09/19/13 07:54	09/23/13 18:16	200
Phenanthrene	**260**	**J**	300	63	ug/L		09/19/13 07:54	09/23/13 18:16	200
Pyrene	**85**	**J**	300	68	ug/L		09/19/13 07:54	09/23/13 18:16	200

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*0*	*D*	*41 - 132*	*09/19/13 07:54*	*09/23/13 18:16*	*200*
Nitrobenzene-d5 (Surr)	*0*	*D*	*47 - 134*	*09/19/13 07:54*	*09/23/13 18:16*	*200*
Terphenyl-d14 (Surr)	*0*	*D*	*59 - 150*	*09/19/13 07:54*	*09/23/13 18:16*	*200*

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201

TestAmerica Job ID: 500-63022-1

Client Sample ID: P-120
Date Collected: 09/12/13 13:25
Date Received: 09/14/13 09:25

Lab Sample ID: 500-63022-12
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.25		1.0	0.25	ug/L			09/20/13 16:11	1
1,1,1-Trichloroethane	<0.20		1.0	0.20	ug/L			09/20/13 16:11	1
1,1,2,2-Tetrachloroethane	<0.23		1.0	0.23	ug/L			09/20/13 16:11	1
1,1,2-Trichloroethane	<0.28		1.0	0.28	ug/L			09/20/13 16:11	1
1,1-Dichloroethane	<0.19		1.0	0.19	ug/L			09/20/13 16:11	1
1,1-Dichloroethene	<0.31		1.0	0.31	ug/L			09/20/13 16:11	1
1,1-Dichloropropene	<0.34		1.0	0.34	ug/L			09/20/13 16:11	1
1,2,3-Trichlorobenzene	<0.24		1.0	0.24	ug/L			09/20/13 16:11	1
1,2,3-Trichloropropane	<0.45		1.0	0.45	ug/L			09/20/13 16:11	1
1,2,4-Trichlorobenzene	<0.31		1.0	0.31	ug/L			09/20/13 16:11	1
1,2,4-Trimethylbenzene	<0.14		1.0	0.14	ug/L			09/20/13 16:11	1
1,2-Dibromo-3-Chloropropane	<0.87		2.0	0.87	ug/L			09/20/13 16:11	1
1,2-Dibromoethane	<0.36		1.0	0.36	ug/L			09/20/13 16:11	1
1,2-Dichlorobenzene	<0.27		1.0	0.27	ug/L			09/20/13 16:11	1
1,2-Dichloroethane	<0.28		1.0	0.28	ug/L			09/20/13 16:11	1
1,2-Dichloropropane	<0.20		1.0	0.20	ug/L			09/20/13 16:11	1
1,3,5-Trimethylbenzene	<0.18		1.0	0.18	ug/L			09/20/13 16:11	1
1,3-Dichlorobenzene	<0.15		1.0	0.15	ug/L			09/20/13 16:11	1
1,3-Dichloropropane	<0.13		1.0	0.13	ug/L			09/20/13 16:11	1
1,4-Dichlorobenzene	<0.15		1.0	0.15	ug/L			09/20/13 16:11	1
2,2-Dichloropropane	<0.32		1.0	0.32	ug/L			09/20/13 16:11	1
2-Chlorotoluene	<0.21		1.0	0.21	ug/L			09/20/13 16:11	1
4-Chlorotoluene	<0.20		1.0	0.20	ug/L			09/20/13 16:11	1
Benzene	<0.074		0.50	0.074	ug/L			09/20/13 16:11	1
Bromobenzene	<0.25		1.0	0.25	ug/L			09/20/13 16:11	1
Bromochloromethane	<0.40		1.0	0.40	ug/L			09/20/13 16:11	1
Bromodichloromethane	<0.17		1.0	0.17	ug/L			09/20/13 16:11	1
Bromoform	<0.28		1.0	0.28	ug/L			09/20/13 16:11	1
Bromomethane	<0.31		1.0	0.31	ug/L			09/20/13 16:11	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/L			09/20/13 16:11	1
Chlorobenzene	<0.14		1.0	0.14	ug/L			09/20/13 16:11	1
Chloroethane	<0.34		1.0	0.34	ug/L			09/20/13 16:11	1
Chloroform	<0.20		1.0	0.20	ug/L			09/20/13 16:11	1
Chloromethane	<0.18		1.0	0.18	ug/L			09/20/13 16:11	1
cis-1,2-Dichloroethene	<0.12		1.0	0.12	ug/L			09/20/13 16:11	1
cis-1,3-Dichloropropene	<0.18		1.0	0.18	ug/L			09/20/13 16:11	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			09/20/13 16:11	1
Dibromomethane	<0.33		1.0	0.33	ug/L			09/20/13 16:11	1
Dichlorodifluoromethane	<0.20		1.0	0.20	ug/L			09/20/13 16:11	1
Ethylbenzene	<0.13		0.50	0.13	ug/L			09/20/13 16:11	1
Hexachlorobutadiene	<0.26		1.0	0.26	ug/L			09/20/13 16:11	1
Isopropyl ether	<0.15		1.0	0.15	ug/L			09/20/13 16:11	1
Isopropylbenzene	<0.14		1.0	0.14	ug/L			09/20/13 16:11	1
Methyl tert-butyl ether	<0.24		1.0	0.24	ug/L			09/20/13 16:11	1
Methylene Chloride	<0.68		5.0	0.68	ug/L			09/20/13 16:11	1
Naphthalene	<0.16		1.0	0.16	ug/L			09/20/13 16:11	1
n-Butylbenzene	<0.13		1.0	0.13	ug/L			09/20/13 16:11	1
N-Propylbenzene	<0.13		1.0	0.13	ug/L			09/20/13 16:11	1
p-Isopropyltoluene	<0.17		1.0	0.17	ug/L			09/20/13 16:11	1

Client Sample ID: P-120
Date Collected: 09/12/13 13:25
Date Received: 09/14/13 09:25

Lab Sample ID: 500-63022-12
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.15		1.0	0.15	ug/L			09/20/13 16:11	1
Styrene	<0.10		1.0	0.10	ug/L			09/20/13 16:11	1
tert-Butylbenzene	<0.14		1.0	0.14	ug/L			09/20/13 16:11	1
Tetrachloroethene	<0.17		1.0	0.17	ug/L			09/20/13 16:11	1
Toluene	<0.11		0.50	0.11	ug/L			09/20/13 16:11	1
trans-1,2-Dichloroethene	<0.25		1.0	0.25	ug/L			09/20/13 16:11	1
trans-1,3-Dichloropropene	<0.21		1.0	0.21	ug/L			09/20/13 16:11	1
Trichloroethene	<0.19		0.50	0.19	ug/L			09/20/13 16:11	1
Trichlorofluoromethane	<0.19		1.0	0.19	ug/L			09/20/13 16:11	1
Vinyl chloride	<0.10		0.50	0.10	ug/L			09/20/13 16:11	1
Xylenes, Total	<0.068		1.0	0.068	ug/L			09/20/13 16:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*75 - 125*		*09/20/13 16:11*	*1*
4-Bromofluorobenzene (Surr)	*94*		*75 - 120*		*09/20/13 16:11*	*1*
Dibromofluoromethane	*105*		*75 - 120*		*09/20/13 16:11*	*1*
Toluene-d8 (Surr)	*101*		*75 - 120*		*09/20/13 16:11*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**0.71**	**J**	0.78	0.39	ug/L		09/19/13 07:54	09/23/13 12:32	1
2-Methylnaphthalene	**1.0**		0.39	0.066	ug/L		09/19/13 07:54	09/23/13 12:32	1
Acenaphthene	**0.30**	**J**	0.78	0.096	ug/L		09/19/13 07:54	09/23/13 12:32	1
Acenaphthylene	<0.11		0.78	0.11	ug/L		09/19/13 07:54	09/23/13 12:32	1
Anthracene	**0.23**	**J**	0.78	0.14	ug/L		09/19/13 07:54	09/23/13 12:32	1
Benzo[a]anthracene	**0.23**		0.16	0.051	ug/L		09/19/13 07:54	09/23/13 12:32	1
Benzo[a]pyrene	<0.059		0.16	0.059	ug/L		09/19/13 07:54	09/23/13 12:32	1
Benzo[b]fluoranthene	**0.24**		0.16	0.064	ug/L		09/19/13 07:54	09/23/13 12:32	1
Benzo[g,h,i]perylene	<0.38		0.78	0.38	ug/L		09/19/13 07:54	09/23/13 12:32	1
Benzo[k]fluoranthene	**0.14**	**J**	0.16	0.13	ug/L		09/19/13 07:54	09/23/13 12:32	1
Chrysene	**0.45**		0.39	0.073	ug/L		09/19/13 07:54	09/23/13 12:32	1
Dibenz(a,h)anthracene	<0.089		0.23	0.089	ug/L		09/19/13 07:54	09/23/13 12:32	1
Fluoranthene	**1.1**		0.78	0.16	ug/L		09/19/13 07:54	09/23/13 12:32	1
Fluorene	<0.13		0.78	0.13	ug/L		09/19/13 07:54	09/23/13 12:32	1
Indeno[1,2,3-cd]pyrene	<0.060		0.16	0.060	ug/L		09/19/13 07:54	09/23/13 12:32	1
Naphthalene	**2.5**		0.78	0.12	ug/L		09/19/13 07:54	09/23/13 12:32	1
Phenanthrene	**1.2**		0.78	0.17	ug/L		09/19/13 07:54	09/23/13 12:32	1
Pyrene	**0.77**	**J**	0.78	0.18	ug/L		09/19/13 07:54	09/23/13 12:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*70*		*41 - 132*	*09/19/13 07:54*	*09/23/13 12:32*	*1*
Nitrobenzene-d5 (Surr)	*78*		*47 - 134*	*09/19/13 07:54*	*09/23/13 12:32*	*1*
Terphenyl-d14 (Surr)	*40*	*X*	*59 - 150*	*09/19/13 07:54*	*09/23/13 12:32*	*1*

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201

TestAmerica Job ID: 500-63022-1

Client Sample ID: MW-1
Date Collected: 09/13/13 10:55
Date Received: 09/14/13 09:25

Lab Sample ID: 500-63022-13
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.25		1.0	0.25	ug/L			09/20/13 05:13	1
1,1,1-Trichloroethane	<0.20		1.0	0.20	ug/L			09/20/13 05:13	1
1,1,2,2-Tetrachloroethane	<0.23		1.0	0.23	ug/L			09/20/13 05:13	1
1,1,2-Trichloroethane	<0.28		1.0	0.28	ug/L			09/20/13 05:13	1
1,1-Dichloroethane	<0.19		1.0	0.19	ug/L			09/20/13 05:13	1
1,1-Dichloroethene	<0.31		1.0	0.31	ug/L			09/20/13 05:13	1
1,1-Dichloropropene	<0.34		1.0	0.34	ug/L			09/20/13 05:13	1
1,2,3-Trichlorobenzene	<0.24		1.0	0.24	ug/L			09/20/13 05:13	1
1,2,3-Trichloropropane	<0.45		1.0	0.45	ug/L			09/20/13 05:13	1
1,2,4-Trichlorobenzene	<0.31		1.0	0.31	ug/L			09/20/13 05:13	1
1,2,4-Trimethylbenzene	<0.14		1.0	0.14	ug/L			09/20/13 05:13	1
1,2-Dibromo-3-Chloropropane	<0.87		2.0	0.87	ug/L			09/20/13 05:13	1
1,2-Dibromoethane	<0.36		1.0	0.36	ug/L			09/20/13 05:13	1
1,2-Dichlorobenzene	<0.27		1.0	0.27	ug/L			09/20/13 05:13	1
1,2-Dichloroethane	<0.28		1.0	0.28	ug/L			09/20/13 05:13	1
1,2-Dichloropropane	<0.20		1.0	0.20	ug/L			09/20/13 05:13	1
1,3,5-Trimethylbenzene	<0.18		1.0	0.18	ug/L			09/20/13 05:13	1
1,3-Dichlorobenzene	<0.15		1.0	0.15	ug/L			09/20/13 05:13	1
1,3-Dichloropropane	<0.13		1.0	0.13	ug/L			09/20/13 05:13	1
1,4-Dichlorobenzene	<0.15		1.0	0.15	ug/L			09/20/13 05:13	1
2,2-Dichloropropane	<0.32		1.0	0.32	ug/L			09/20/13 05:13	1
2-Chlorotoluene	<0.21		1.0	0.21	ug/L			09/20/13 05:13	1
4-Chlorotoluene	<0.20		1.0	0.20	ug/L			09/20/13 05:13	1
Benzene	<0.074		0.50	0.074	ug/L			09/20/13 05:13	1
Bromobenzene	<0.25		1.0	0.25	ug/L			09/20/13 05:13	1
Bromochloromethane	<0.40		1.0	0.40	ug/L			09/20/13 05:13	1
Bromodichloromethane	<0.17		1.0	0.17	ug/L			09/20/13 05:13	1
Bromoform	<0.28		1.0	0.28	ug/L			09/20/13 05:13	1
Bromomethane	<0.31		1.0	0.31	ug/L			09/20/13 05:13	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/L			09/20/13 05:13	1
Chlorobenzene	<0.14		1.0	0.14	ug/L			09/20/13 05:13	1
Chloroethane	<0.34		1.0	0.34	ug/L			09/20/13 05:13	1
Chloroform	<0.20		1.0	0.20	ug/L			09/20/13 05:13	1
Chloromethane	<0.18		1.0	0.18	ug/L			09/20/13 05:13	1
cis-1,2-Dichloroethene	<0.12		1.0	0.12	ug/L			09/20/13 05:13	1
cis-1,3-Dichloropropene	<0.18		1.0	0.18	ug/L			09/20/13 05:13	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			09/20/13 05:13	1
Dibromomethane	<0.33		1.0	0.33	ug/L			09/20/13 05:13	1
Dichlorodifluoromethane	<0.20		1.0	0.20	ug/L			09/20/13 05:13	1
Ethylbenzene	<0.13		0.50	0.13	ug/L			09/20/13 05:13	1
Hexachlorobutadiene	<0.26		1.0	0.26	ug/L			09/20/13 05:13	1
Isopropyl ether	<0.15		1.0	0.15	ug/L			09/20/13 05:13	1
Isopropylbenzene	<0.14		1.0	0.14	ug/L			09/20/13 05:13	1
Methyl tert-butyl ether	<0.24		1.0	0.24	ug/L			09/20/13 05:13	1
Methylene Chloride	<0.68		5.0	0.68	ug/L			09/20/13 05:13	1
Naphthalene	<0.16		1.0	0.16	ug/L			09/20/13 05:13	1
n-Butylbenzene	<0.13		1.0	0.13	ug/L			09/20/13 05:13	1
N-Propylbenzene	<0.13		1.0	0.13	ug/L			09/20/13 05:13	1
p-Isopropyltoluene	<0.17		1.0	0.17	ug/L			09/20/13 05:13	1

Client Sample ID: MW-1
Date Collected: 09/13/13 10:55
Date Received: 09/14/13 09:25

Lab Sample ID: 500-63022-13
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.15		1.0	0.15	ug/L			09/20/13 05:13	1
Styrene	<0.10		1.0	0.10	ug/L			09/20/13 05:13	1
tert-Butylbenzene	<0.14		1.0	0.14	ug/L			09/20/13 05:13	1
Tetrachloroethene	<0.17		1.0	0.17	ug/L			09/20/13 05:13	1
Toluene	<0.11		0.50	0.11	ug/L			09/20/13 05:13	1
trans-1,2-Dichloroethene	<0.25		1.0	0.25	ug/L			09/20/13 05:13	1
trans-1,3-Dichloropropene	<0.21		1.0	0.21	ug/L			09/20/13 05:13	1
Trichloroethene	<0.19		0.50	0.19	ug/L			09/20/13 05:13	1
Trichlorofluoromethane	<0.19		1.0	0.19	ug/L			09/20/13 05:13	1
Vinyl chloride	<0.10		0.50	0.10	ug/L			09/20/13 05:13	1
Xylenes, Total	<0.068		1.0	0.068	ug/L			09/20/13 05:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*75 - 125*		*09/20/13 05:13*	*1*
4-Bromofluorobenzene (Surr)	*94*		*75 - 120*		*09/20/13 05:13*	*1*
Dibromofluoromethane	*107*		*75 - 120*		*09/20/13 05:13*	*1*
Toluene-d8 (Surr)	*101*		*75 - 120*		*09/20/13 05:13*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.38		0.75	0.38	ug/L		09/19/13 07:54	09/20/13 17:03	1
2-Methylnaphthalene	<0.063		0.38	0.063	ug/L		09/19/13 07:54	09/20/13 17:03	1
Acenaphthene	<0.093		0.75	0.093	ug/L		09/19/13 07:54	09/20/13 17:03	1
Acenaphthylene	<0.10		0.75	0.10	ug/L		09/19/13 07:54	09/20/13 17:03	1
Anthracene	<0.14		0.75	0.14	ug/L		09/19/13 07:54	09/20/13 17:03	1
Benzo[a]anthracene	<0.049		0.15	0.049	ug/L		09/19/13 07:54	09/20/13 17:03	1
Benzo[a]pyrene	<0.057		0.15	0.057	ug/L		09/19/13 07:54	09/20/13 17:03	1
Benzo[b]fluoranthene	<0.061		0.15	0.061	ug/L		09/19/13 07:54	09/20/13 17:03	1
Benzo[g,h,i]perylene	<0.36		0.75	0.36	ug/L		09/19/13 07:54	09/20/13 17:03	1
Benzo[k]fluoranthene	<0.13		0.15	0.13	ug/L		09/19/13 07:54	09/20/13 17:03	1
Chrysene	<0.070		0.38	0.070	ug/L		09/19/13 07:54	09/20/13 17:03	1
Dibenz(a,h)anthracene	<0.085		0.23	0.085	ug/L		09/19/13 07:54	09/20/13 17:03	1
Fluoranthene	<0.15		0.75	0.15	ug/L		09/19/13 07:54	09/20/13 17:03	1
Fluorene	<0.13		0.75	0.13	ug/L		09/19/13 07:54	09/20/13 17:03	1
Indeno[1,2,3-cd]pyrene	<0.058		0.15	0.058	ug/L		09/19/13 07:54	09/20/13 17:03	1
Naphthalene	**3.7**		0.75	0.12	ug/L		09/19/13 07:54	09/20/13 17:03	1
Phenanthrene	<0.16		0.75	0.16	ug/L		09/19/13 07:54	09/20/13 17:03	1
Pyrene	<0.17		0.75	0.17	ug/L		09/19/13 07:54	09/20/13 17:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*80*		*41 - 132*	*09/19/13 07:54*	*09/20/13 17:03*	*1*
Nitrobenzene-d5 (Surr)	*86*		*47 - 134*	*09/19/13 07:54*	*09/20/13 17:03*	*1*
Terphenyl-d14 (Surr)	*98*		*59 - 150*	*09/19/13 07:54*	*09/20/13 17:03*	*1*

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201

TestAmerica Job ID: 500-63022-1

Client Sample ID: MW-112
Date Collected: 09/13/13 11:30
Date Received: 09/14/13 09:25

Lab Sample ID: 500-63022-14
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.25		1.0	0.25	ug/L			09/20/13 05:37	1
1,1,1-Trichloroethane	<0.20		1.0	0.20	ug/L			09/20/13 05:37	1
1,1,2,2-Tetrachloroethane	<0.23		1.0	0.23	ug/L			09/20/13 05:37	1
1,1,2-Trichloroethane	<0.28		1.0	0.28	ug/L			09/20/13 05:37	1
1,1-Dichloroethane	<0.19		1.0	0.19	ug/L			09/20/13 05:37	1
1,1-Dichloroethene	<0.31		1.0	0.31	ug/L			09/20/13 05:37	1
1,1-Dichloropropene	<0.34		1.0	0.34	ug/L			09/20/13 05:37	1
1,2,3-Trichlorobenzene	<0.24		1.0	0.24	ug/L			09/20/13 05:37	1
1,2,3-Trichloropropane	<0.45		1.0	0.45	ug/L			09/20/13 05:37	1
1,2,4-Trichlorobenzene	<0.31		1.0	0.31	ug/L			09/20/13 05:37	1
1,2,4-Trimethylbenzene	<0.14		1.0	0.14	ug/L			09/20/13 05:37	1
1,2-Dibromo-3-Chloropropane	<0.87		2.0	0.87	ug/L			09/20/13 05:37	1
1,2-Dibromoethane	<0.36		1.0	0.36	ug/L			09/20/13 05:37	1
1,2-Dichlorobenzene	<0.27		1.0	0.27	ug/L			09/20/13 05:37	1
1,2-Dichloroethane	<0.28		1.0	0.28	ug/L			09/20/13 05:37	1
1,2-Dichloropropane	<0.20		1.0	0.20	ug/L			09/20/13 05:37	1
1,3,5-Trimethylbenzene	<0.18		1.0	0.18	ug/L			09/20/13 05:37	1
1,3-Dichlorobenzene	<0.15		1.0	0.15	ug/L			09/20/13 05:37	1
1,3-Dichloropropane	<0.13		1.0	0.13	ug/L			09/20/13 05:37	1
1,4-Dichlorobenzene	<0.15		1.0	0.15	ug/L			09/20/13 05:37	1
2,2-Dichloropropane	<0.32		1.0	0.32	ug/L			09/20/13 05:37	1
2-Chlorotoluene	<0.21		1.0	0.21	ug/L			09/20/13 05:37	1
4-Chlorotoluene	<0.20		1.0	0.20	ug/L			09/20/13 05:37	1
Benzene	<0.074		0.50	0.074	ug/L			09/20/13 05:37	1
Bromobenzene	<0.25		1.0	0.25	ug/L			09/20/13 05:37	1
Bromochloromethane	<0.40		1.0	0.40	ug/L			09/20/13 05:37	1
Bromodichloromethane	<0.17		1.0	0.17	ug/L			09/20/13 05:37	1
Bromoform	<0.28		1.0	0.28	ug/L			09/20/13 05:37	1
Bromomethane	<0.31		1.0	0.31	ug/L			09/20/13 05:37	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/L			09/20/13 05:37	1
Chlorobenzene	<0.14		1.0	0.14	ug/L			09/20/13 05:37	1
Chloroethane	<0.34		1.0	0.34	ug/L			09/20/13 05:37	1
Chloroform	<0.20		1.0	0.20	ug/L			09/20/13 05:37	1
Chloromethane	<0.18		1.0	0.18	ug/L			09/20/13 05:37	1
cis-1,2-Dichloroethene	<0.12		1.0	0.12	ug/L			09/20/13 05:37	1
cis-1,3-Dichloropropene	<0.18		1.0	0.18	ug/L			09/20/13 05:37	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			09/20/13 05:37	1
Dibromomethane	<0.33		1.0	0.33	ug/L			09/20/13 05:37	1
Dichlorodifluoromethane	<0.20		1.0	0.20	ug/L			09/20/13 05:37	1
Ethylbenzene	<0.13		0.50	0.13	ug/L			09/20/13 05:37	1
Hexachlorobutadiene	<0.26		1.0	0.26	ug/L			09/20/13 05:37	1
Isopropyl ether	<0.15		1.0	0.15	ug/L			09/20/13 05:37	1
Isopropylbenzene	<0.14		1.0	0.14	ug/L			09/20/13 05:37	1
Methyl tert-butyl ether	<0.24		1.0	0.24	ug/L			09/20/13 05:37	1
Methylene Chloride	<0.68		5.0	0.68	ug/L			09/20/13 05:37	1
Naphthalene	<0.16		1.0	0.16	ug/L			09/20/13 05:37	1
n-Butylbenzene	<0.13		1.0	0.13	ug/L			09/20/13 05:37	1
N-Propylbenzene	<0.13		1.0	0.13	ug/L			09/20/13 05:37	1
p-Isopropyltoluene	<0.17		1.0	0.17	ug/L			09/20/13 05:37	1

Client Sample ID: MW-112
Date Collected: 09/13/13 11:30
Date Received: 09/14/13 09:25

Lab Sample ID: 500-63022-14
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.15		1.0	0.15	ug/L			09/20/13 05:37	1
Styrene	<0.10		1.0	0.10	ug/L			09/20/13 05:37	1
tert-Butylbenzene	<0.14		1.0	0.14	ug/L			09/20/13 05:37	1
Tetrachloroethene	<0.17		1.0	0.17	ug/L			09/20/13 05:37	1
Toluene	<0.11		0.50	0.11	ug/L			09/20/13 05:37	1
trans-1,2-Dichloroethene	<0.25		1.0	0.25	ug/L			09/20/13 05:37	1
trans-1,3-Dichloropropene	<0.21		1.0	0.21	ug/L			09/20/13 05:37	1
Trichloroethene	<0.19		0.50	0.19	ug/L			09/20/13 05:37	1
Trichlorofluoromethane	<0.19		1.0	0.19	ug/L			09/20/13 05:37	1
Vinyl chloride	<0.10		0.50	0.10	ug/L			09/20/13 05:37	1
Xylenes, Total	<0.068		1.0	0.068	ug/L			09/20/13 05:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*75 - 125*		*09/20/13 05:37*	*1*
4-Bromofluorobenzene (Surr)	*99*		*75 - 120*		*09/20/13 05:37*	*1*
Dibromofluoromethane	*110*		*75 - 120*		*09/20/13 05:37*	*1*
Toluene-d8 (Surr)	*99*		*75 - 120*		*09/20/13 05:37*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.38		0.76	0.38	ug/L		09/19/13 07:54	09/20/13 17:27	1
2-Methylnaphthalene	<0.064		0.38	0.064	ug/L		09/19/13 07:54	09/20/13 17:27	1
Acenaphthene	<0.094		0.76	0.094	ug/L		09/19/13 07:54	09/20/13 17:27	1
Acenaphthylene	<0.10		0.76	0.10	ug/L		09/19/13 07:54	09/20/13 17:27	1
Anthracene	<0.14		0.76	0.14	ug/L		09/19/13 07:54	09/20/13 17:27	1
Benzo[a]anthracene	<0.050		0.15	0.050	ug/L		09/19/13 07:54	09/20/13 17:27	1
Benzo[a]pyrene	<0.058		0.15	0.058	ug/L		09/19/13 07:54	09/20/13 17:27	1
Benzo[b]fluoranthene	<0.062		0.15	0.062	ug/L		09/19/13 07:54	09/20/13 17:27	1
Benzo[g,h,i]perylene	<0.37		0.76	0.37	ug/L		09/19/13 07:54	09/20/13 17:27	1
Benzo[k]fluoranthene	<0.13		0.15	0.13	ug/L		09/19/13 07:54	09/20/13 17:27	1
Chrysene	<0.072		0.38	0.072	ug/L		09/19/13 07:54	09/20/13 17:27	1
Dibenz(a,h)anthracene	<0.087		0.23	0.087	ug/L		09/19/13 07:54	09/20/13 17:27	1
Fluoranthene	<0.16		0.76	0.16	ug/L		09/19/13 07:54	09/20/13 17:27	1
Fluorene	<0.13		0.76	0.13	ug/L		09/19/13 07:54	09/20/13 17:27	1
Indeno[1,2,3-cd]pyrene	<0.059		0.15	0.059	ug/L		09/19/13 07:54	09/20/13 17:27	1
Naphthalene	**5.8**		0.76	0.12	ug/L		09/19/13 07:54	09/20/13 17:27	1
Phenanthrene	<0.16		0.76	0.16	ug/L		09/19/13 07:54	09/20/13 17:27	1
Pyrene	<0.17		0.76	0.17	ug/L		09/19/13 07:54	09/20/13 17:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*76*		*41 - 132*	*09/19/13 07:54*	*09/20/13 17:27*	*1*
Nitrobenzene-d5 (Surr)	*78*		*47 - 134*	*09/19/13 07:54*	*09/20/13 17:27*	*1*
Terphenyl-d14 (Surr)	*107*		*59 - 150*	*09/19/13 07:54*	*09/20/13 17:27*	*1*

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201

TestAmerica Job ID: 500-63022-1

Client Sample ID: P-113
Date Collected: 09/13/13 11:45
Date Received: 09/14/13 09:25

Lab Sample ID: 500-63022-15
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.25		1.0	0.25	ug/L			09/20/13 06:02	1
1,1,1-Trichloroethane	<0.20		1.0	0.20	ug/L			09/20/13 06:02	1
1,1,2,2-Tetrachloroethane	<0.23		1.0	0.23	ug/L			09/20/13 06:02	1
1,1,2-Trichloroethane	<0.28		1.0	0.28	ug/L			09/20/13 06:02	1
1,1-Dichloroethane	<0.19		1.0	0.19	ug/L			09/20/13 06:02	1
1,1-Dichloroethene	<0.31		1.0	0.31	ug/L			09/20/13 06:02	1
1,1-Dichloropropene	<0.34		1.0	0.34	ug/L			09/20/13 06:02	1
1,2,3-Trichlorobenzene	<0.24		1.0	0.24	ug/L			09/20/13 06:02	1
1,2,3-Trichloropropane	<0.45		1.0	0.45	ug/L			09/20/13 06:02	1
1,2,4-Trichlorobenzene	<0.31		1.0	0.31	ug/L			09/20/13 06:02	1
1,2,4-Trimethylbenzene	<0.14		1.0	0.14	ug/L			09/20/13 06:02	1
1,2-Dibromo-3-Chloropropane	<0.87		2.0	0.87	ug/L			09/20/13 06:02	1
1,2-Dibromoethane	<0.36		1.0	0.36	ug/L			09/20/13 06:02	1
1,2-Dichlorobenzene	<0.27		1.0	0.27	ug/L			09/20/13 06:02	1
1,2-Dichloroethane	<0.28		1.0	0.28	ug/L			09/20/13 06:02	1
1,2-Dichloropropane	<0.20		1.0	0.20	ug/L			09/20/13 06:02	1
1,3,5-Trimethylbenzene	<0.18		1.0	0.18	ug/L			09/20/13 06:02	1
1,3-Dichlorobenzene	<0.15		1.0	0.15	ug/L			09/20/13 06:02	1
1,3-Dichloropropane	<0.13		1.0	0.13	ug/L			09/20/13 06:02	1
1,4-Dichlorobenzene	<0.15		1.0	0.15	ug/L			09/20/13 06:02	1
2,2-Dichloropropane	<0.32		1.0	0.32	ug/L			09/20/13 06:02	1
2-Chlorotoluene	<0.21		1.0	0.21	ug/L			09/20/13 06:02	1
4-Chlorotoluene	<0.20		1.0	0.20	ug/L			09/20/13 06:02	1
Benzene	<0.074		0.50	0.074	ug/L			09/20/13 06:02	1
Bromobenzene	<0.25		1.0	0.25	ug/L			09/20/13 06:02	1
Bromochloromethane	<0.40		1.0	0.40	ug/L			09/20/13 06:02	1
Bromodichloromethane	<0.17		1.0	0.17	ug/L			09/20/13 06:02	1
Bromoform	<0.28		1.0	0.28	ug/L			09/20/13 06:02	1
Bromomethane	<0.31		1.0	0.31	ug/L			09/20/13 06:02	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/L			09/20/13 06:02	1
Chlorobenzene	<0.14		1.0	0.14	ug/L			09/20/13 06:02	1
Chloroethane	<0.34		1.0	0.34	ug/L			09/20/13 06:02	1
Chloroform	<0.20		1.0	0.20	ug/L			09/20/13 06:02	1
Chloromethane	<0.18		1.0	0.18	ug/L			09/20/13 06:02	1
cis-1,2-Dichloroethene	<0.12		1.0	0.12	ug/L			09/20/13 06:02	1
cis-1,3-Dichloropropene	<0.18		1.0	0.18	ug/L			09/20/13 06:02	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			09/20/13 06:02	1
Dibromomethane	<0.33		1.0	0.33	ug/L			09/20/13 06:02	1
Dichlorodifluoromethane	<0.20		1.0	0.20	ug/L			09/20/13 06:02	1
Ethylbenzene	<0.13		0.50	0.13	ug/L			09/20/13 06:02	1
Hexachlorobutadiene	<0.26		1.0	0.26	ug/L			09/20/13 06:02	1
Isopropyl ether	<0.15		1.0	0.15	ug/L			09/20/13 06:02	1
Isopropylbenzene	<0.14		1.0	0.14	ug/L			09/20/13 06:02	1
Methyl tert-butyl ether	<0.24		1.0	0.24	ug/L			09/20/13 06:02	1
Methylene Chloride	<0.68		5.0	0.68	ug/L			09/20/13 06:02	1
Naphthalene	**3.6**		1.0	0.16	ug/L			09/20/13 06:02	1
n-Butylbenzene	<0.13		1.0	0.13	ug/L			09/20/13 06:02	1
N-Propylbenzene	<0.13		1.0	0.13	ug/L			09/20/13 06:02	1
p-Isopropyltoluene	<0.17		1.0	0.17	ug/L			09/20/13 06:02	1

Client Sample ID: P-113
Date Collected: 09/13/13 11:45
Date Received: 09/14/13 09:25

Lab Sample ID: 500-63022-15
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.15		1.0	0.15	ug/L			09/20/13 06:02	1
Styrene	<0.10		1.0	0.10	ug/L			09/20/13 06:02	1
tert-Butylbenzene	<0.14		1.0	0.14	ug/L			09/20/13 06:02	1
Tetrachloroethene	<0.17		1.0	0.17	ug/L			09/20/13 06:02	1
Toluene	<0.11		0.50	0.11	ug/L			09/20/13 06:02	1
trans-1,2-Dichloroethene	<0.25		1.0	0.25	ug/L			09/20/13 06:02	1
trans-1,3-Dichloropropene	<0.21		1.0	0.21	ug/L			09/20/13 06:02	1
Trichloroethene	<0.19		0.50	0.19	ug/L			09/20/13 06:02	1
Trichlorofluoromethane	<0.19		1.0	0.19	ug/L			09/20/13 06:02	1
Vinyl chloride	<0.10		0.50	0.10	ug/L			09/20/13 06:02	1
Xylenes, Total	<0.068		1.0	0.068	ug/L			09/20/13 06:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*75 - 125*		*09/20/13 06:02*	*1*
4-Bromofluorobenzene (Surr)	*96*		*75 - 120*		*09/20/13 06:02*	*1*
Dibromofluoromethane	*111*		*75 - 120*		*09/20/13 06:02*	*1*
Toluene-d8 (Surr)	*99*		*75 - 120*		*09/20/13 06:02*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.37		0.74	0.37	ug/L		09/19/13 07:54	09/20/13 17:50	1
2-Methylnaphthalene	<0.063		0.37	0.063	ug/L		09/19/13 07:54	09/20/13 17:50	1
Acenaphthene	<0.091		0.74	0.091	ug/L		09/19/13 07:54	09/20/13 17:50	1
Acenaphthylene	<0.10		0.74	0.10	ug/L		09/19/13 07:54	09/20/13 17:50	1
Anthracene	<0.14		0.74	0.14	ug/L		09/19/13 07:54	09/20/13 17:50	1
Benzo[a]anthracene	<0.048		0.15	0.048	ug/L		09/19/13 07:54	09/20/13 17:50	1
Benzo[a]pyrene	<0.056		0.15	0.056	ug/L		09/19/13 07:54	09/20/13 17:50	1
Benzo[b]fluoranthene	<0.061		0.15	0.061	ug/L		09/19/13 07:54	09/20/13 17:50	1
Benzo[g,h,i]perylene	<0.36		0.74	0.36	ug/L		09/19/13 07:54	09/20/13 17:50	1
Benzo[k]fluoranthene	<0.13		0.15	0.13	ug/L		09/19/13 07:54	09/20/13 17:50	1
Chrysene	<0.069		0.37	0.069	ug/L		09/19/13 07:54	09/20/13 17:50	1
Dibenz(a,h)anthracene	<0.084		0.22	0.084	ug/L		09/19/13 07:54	09/20/13 17:50	1
Fluoranthene	<0.15		0.74	0.15	ug/L		09/19/13 07:54	09/20/13 17:50	1
Fluorene	<0.12		0.74	0.12	ug/L		09/19/13 07:54	09/20/13 17:50	1
Indeno[1,2,3-cd]pyrene	<0.057		0.15	0.057	ug/L		09/19/13 07:54	09/20/13 17:50	1
Naphthalene	<0.12		0.74	0.12	ug/L		09/19/13 07:54	09/20/13 17:50	1
Phenanthrene	<0.16		0.74	0.16	ug/L		09/19/13 07:54	09/20/13 17:50	1
Pyrene	<0.17		0.74	0.17	ug/L		09/19/13 07:54	09/20/13 17:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*80*		*41 - 132*	*09/19/13 07:54*	*09/20/13 17:50*	*1*
Nitrobenzene-d5 (Surr)	*85*		*47 - 134*	*09/19/13 07:54*	*09/20/13 17:50*	*1*
Terphenyl-d14 (Surr)	*109*		*59 - 150*	*09/19/13 07:54*	*09/20/13 17:50*	*1*

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201

TestAmerica Job ID: 500-63022-1

Client Sample ID: MW-118
Date Collected: 09/13/13 12:00
Date Received: 09/14/13 09:25

Lab Sample ID: 500-63022-16
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.25		1.0	0.25	ug/L			09/20/13 06:26	1
1,1,1-Trichloroethane	<0.20		1.0	0.20	ug/L			09/20/13 06:26	1
1,1,2,2-Tetrachloroethane	<0.23		1.0	0.23	ug/L			09/20/13 06:26	1
1,1,2-Trichloroethane	<0.28		1.0	0.28	ug/L			09/20/13 06:26	1
1,1-Dichloroethane	<0.19		1.0	0.19	ug/L			09/20/13 06:26	1
1,1-Dichloroethene	<0.31		1.0	0.31	ug/L			09/20/13 06:26	1
1,1-Dichloropropene	<0.34		1.0	0.34	ug/L			09/20/13 06:26	1
1,2,3-Trichlorobenzene	<0.24		1.0	0.24	ug/L			09/20/13 06:26	1
1,2,3-Trichloropropane	<0.45		1.0	0.45	ug/L			09/20/13 06:26	1
1,2,4-Trichlorobenzene	<0.31		1.0	0.31	ug/L			09/20/13 06:26	1
1,2,4-Trimethylbenzene	<0.14		1.0	0.14	ug/L			09/20/13 06:26	1
1,2-Dibromo-3-Chloropropane	<0.87		2.0	0.87	ug/L			09/20/13 06:26	1
1,2-Dibromoethane	<0.36		1.0	0.36	ug/L			09/20/13 06:26	1
1,2-Dichlorobenzene	<0.27		1.0	0.27	ug/L			09/20/13 06:26	1
1,2-Dichloroethane	<0.28		1.0	0.28	ug/L			09/20/13 06:26	1
1,2-Dichloropropane	<0.20		1.0	0.20	ug/L			09/20/13 06:26	1
1,3,5-Trimethylbenzene	<0.18		1.0	0.18	ug/L			09/20/13 06:26	1
1,3-Dichlorobenzene	<0.15		1.0	0.15	ug/L			09/20/13 06:26	1
1,3-Dichloropropane	<0.13		1.0	0.13	ug/L			09/20/13 06:26	1
1,4-Dichlorobenzene	<0.15		1.0	0.15	ug/L			09/20/13 06:26	1
2,2-Dichloropropane	<0.32		1.0	0.32	ug/L			09/20/13 06:26	1
2-Chlorotoluene	<0.21		1.0	0.21	ug/L			09/20/13 06:26	1
4-Chlorotoluene	<0.20		1.0	0.20	ug/L			09/20/13 06:26	1
Benzene	<0.074		0.50	0.074	ug/L			09/20/13 06:26	1
Bromobenzene	<0.25		1.0	0.25	ug/L			09/20/13 06:26	1
Bromochloromethane	<0.40		1.0	0.40	ug/L			09/20/13 06:26	1
Bromodichloromethane	<0.17		1.0	0.17	ug/L			09/20/13 06:26	1
Bromoform	<0.28		1.0	0.28	ug/L			09/20/13 06:26	1
Bromomethane	<0.31		1.0	0.31	ug/L			09/20/13 06:26	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/L			09/20/13 06:26	1
Chlorobenzene	<0.14		1.0	0.14	ug/L			09/20/13 06:26	1
Chloroethane	<0.34		1.0	0.34	ug/L			09/20/13 06:26	1
Chloroform	<0.20		1.0	0.20	ug/L			09/20/13 06:26	1
Chloromethane	<0.18		1.0	0.18	ug/L			09/20/13 06:26	1
cis-1,2-Dichloroethene	<0.12		1.0	0.12	ug/L			09/20/13 06:26	1
cis-1,3-Dichloropropene	<0.18		1.0	0.18	ug/L			09/20/13 06:26	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			09/20/13 06:26	1
Dibromomethane	<0.33		1.0	0.33	ug/L			09/20/13 06:26	1
Dichlorodifluoromethane	<0.20		1.0	0.20	ug/L			09/20/13 06:26	1
Ethylbenzene	<0.13		0.50	0.13	ug/L			09/20/13 06:26	1
Hexachlorobutadiene	<0.26		1.0	0.26	ug/L			09/20/13 06:26	1
Isopropyl ether	<0.15		1.0	0.15	ug/L			09/20/13 06:26	1
Isopropylbenzene	<0.14		1.0	0.14	ug/L			09/20/13 06:26	1
Methyl tert-butyl ether	<0.24		1.0	0.24	ug/L			09/20/13 06:26	1
Methylene Chloride	<0.68		5.0	0.68	ug/L			09/20/13 06:26	1
Naphthalene	<0.16		1.0	0.16	ug/L			09/20/13 06:26	1
n-Butylbenzene	<0.13		1.0	0.13	ug/L			09/20/13 06:26	1
N-Propylbenzene	<0.13		1.0	0.13	ug/L			09/20/13 06:26	1
p-Isopropyltoluene	<0.17		1.0	0.17	ug/L			09/20/13 06:26	1

Client Sample ID: MW-118
Date Collected: 09/13/13 12:00
Date Received: 09/14/13 09:25

Lab Sample ID: 500-63022-16
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.15		1.0	0.15	ug/L			09/20/13 06:26	1
Styrene	<0.10		1.0	0.10	ug/L			09/20/13 06:26	1
tert-Butylbenzene	<0.14		1.0	0.14	ug/L			09/20/13 06:26	1
Tetrachloroethene	<0.17		1.0	0.17	ug/L			09/20/13 06:26	1
Toluene	<0.11		0.50	0.11	ug/L			09/20/13 06:26	1
trans-1,2-Dichloroethene	<0.25		1.0	0.25	ug/L			09/20/13 06:26	1
trans-1,3-Dichloropropene	<0.21		1.0	0.21	ug/L			09/20/13 06:26	1
Trichloroethene	<0.19		0.50	0.19	ug/L			09/20/13 06:26	1
Trichlorofluoromethane	<0.19		1.0	0.19	ug/L			09/20/13 06:26	1
Vinyl chloride	<0.10		0.50	0.10	ug/L			09/20/13 06:26	1
Xylenes, Total	<0.068		1.0	0.068	ug/L			09/20/13 06:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*75 - 125*		*09/20/13 06:26*	*1*
4-Bromofluorobenzene (Surr)	*99*		*75 - 120*		*09/20/13 06:26*	*1*
Dibromofluoromethane	*110*		*75 - 120*		*09/20/13 06:26*	*1*
Toluene-d8 (Surr)	*98*		*75 - 120*		*09/20/13 06:26*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.37		0.74	0.37	ug/L		09/19/13 07:54	09/23/13 12:57	1
2-Methylnaphthalene	<0.062		0.37	0.062	ug/L		09/19/13 07:54	09/23/13 12:57	1
Acenaphthene	<0.091		0.74	0.091	ug/L		09/19/13 07:54	09/23/13 12:57	1
Acenaphthylene	<0.10		0.74	0.10	ug/L		09/19/13 07:54	09/23/13 12:57	1
Anthracene	<0.14		0.74	0.14	ug/L		09/19/13 07:54	09/23/13 12:57	1
Benzo[a]anthracene	**0.46**		0.15	0.048	ug/L		09/19/13 07:54	09/23/13 12:57	1
Benzo[a]pyrene	**0.56**		0.15	0.056	ug/L		09/19/13 07:54	09/23/13 12:57	1
Benzo[b]fluoranthene	**0.75**		0.15	0.061	ug/L		09/19/13 07:54	09/23/13 12:57	1
Benzo[g,h,i]perylene	<0.36		0.74	0.36	ug/L		09/19/13 07:54	09/23/13 12:57	1
Benzo[k]fluoranthene	**0.31**		0.15	0.13	ug/L		09/19/13 07:54	09/23/13 12:57	1
Chrysene	**0.60**		0.37	0.069	ug/L		09/19/13 07:54	09/23/13 12:57	1
Dibenz(a,h)anthracene	<0.084		0.22	0.084	ug/L		09/19/13 07:54	09/23/13 12:57	1
Fluoranthene	**0.62**	**J**	0.74	0.15	ug/L		09/19/13 07:54	09/23/13 12:57	1
Fluorene	<0.12		0.74	0.12	ug/L		09/19/13 07:54	09/23/13 12:57	1
Indeno[1,2,3-cd]pyrene	**0.28**		0.15	0.057	ug/L		09/19/13 07:54	09/23/13 12:57	1
Naphthalene	**1.5**		0.74	0.11	ug/L		09/19/13 07:54	09/23/13 12:57	1
Phenanthrene	<0.16		0.74	0.16	ug/L		09/19/13 07:54	09/23/13 12:57	1
Pyrene	**0.71**	**J**	0.74	0.17	ug/L		09/19/13 07:54	09/23/13 12:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*60*		*41 - 132*	*09/19/13 07:54*	*09/23/13 12:57*	*1*
Nitrobenzene-d5 (Surr)	*68*		*47 - 134*	*09/19/13 07:54*	*09/23/13 12:57*	*1*
Terphenyl-d14 (Surr)	*92*		*59 - 150*	*09/19/13 07:54*	*09/23/13 12:57*	*1*

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201

TestAmerica Job ID: 500-63022-1

Client Sample ID: MW-115
Date Collected: 09/13/13 12:20
Date Received: 09/14/13 09:25

Lab Sample ID: 500-63022-17
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.25		1.0	0.25	ug/L			09/20/13 06:50	1
1,1,1-Trichloroethane	<0.20		1.0	0.20	ug/L			09/20/13 06:50	1
1,1,2,2-Tetrachloroethane	<0.23		1.0	0.23	ug/L			09/20/13 06:50	1
1,1,2-Trichloroethane	<0.28		1.0	0.28	ug/L			09/20/13 06:50	1
1,1-Dichloroethane	<0.19		1.0	0.19	ug/L			09/20/13 06:50	1
1,1-Dichloroethene	<0.31		1.0	0.31	ug/L			09/20/13 06:50	1
1,1-Dichloropropene	<0.34		1.0	0.34	ug/L			09/20/13 06:50	1
1,2,3-Trichlorobenzene	<0.24		1.0	0.24	ug/L			09/20/13 06:50	1
1,2,3-Trichloropropane	<0.45		1.0	0.45	ug/L			09/20/13 06:50	1
1,2,4-Trichlorobenzene	<0.31		1.0	0.31	ug/L			09/20/13 06:50	1
1,2,4-Trimethylbenzene	<0.14		1.0	0.14	ug/L			09/20/13 06:50	1
1,2-Dibromo-3-Chloropropane	<0.87		2.0	0.87	ug/L			09/20/13 06:50	1
1,2-Dibromoethane	<0.36		1.0	0.36	ug/L			09/20/13 06:50	1
1,2-Dichlorobenzene	<0.27		1.0	0.27	ug/L			09/20/13 06:50	1
1,2-Dichloroethane	<0.28		1.0	0.28	ug/L			09/20/13 06:50	1
1,2-Dichloropropane	<0.20		1.0	0.20	ug/L			09/20/13 06:50	1
1,3,5-Trimethylbenzene	<0.18		1.0	0.18	ug/L			09/20/13 06:50	1
1,3-Dichlorobenzene	<0.15		1.0	0.15	ug/L			09/20/13 06:50	1
1,3-Dichloropropane	<0.13		1.0	0.13	ug/L			09/20/13 06:50	1
1,4-Dichlorobenzene	<0.15		1.0	0.15	ug/L			09/20/13 06:50	1
2,2-Dichloropropane	<0.32		1.0	0.32	ug/L			09/20/13 06:50	1
2-Chlorotoluene	<0.21		1.0	0.21	ug/L			09/20/13 06:50	1
4-Chlorotoluene	<0.20		1.0	0.20	ug/L			09/20/13 06:50	1
Benzene	<0.074		0.50	0.074	ug/L			09/20/13 06:50	1
Bromobenzene	<0.25		1.0	0.25	ug/L			09/20/13 06:50	1
Bromochloromethane	<0.40		1.0	0.40	ug/L			09/20/13 06:50	1
Bromodichloromethane	<0.17		1.0	0.17	ug/L			09/20/13 06:50	1
Bromoform	<0.28		1.0	0.28	ug/L			09/20/13 06:50	1
Bromomethane	<0.31		1.0	0.31	ug/L			09/20/13 06:50	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/L			09/20/13 06:50	1
Chlorobenzene	<0.14		1.0	0.14	ug/L			09/20/13 06:50	1
Chloroethane	<0.34		1.0	0.34	ug/L			09/20/13 06:50	1
Chloroform	<0.20		1.0	0.20	ug/L			09/20/13 06:50	1
Chloromethane	<0.18		1.0	0.18	ug/L			09/20/13 06:50	1
cis-1,2-Dichloroethene	<0.12		1.0	0.12	ug/L			09/20/13 06:50	1
cis-1,3-Dichloropropene	<0.18		1.0	0.18	ug/L			09/20/13 06:50	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			09/20/13 06:50	1
Dibromomethane	<0.33		1.0	0.33	ug/L			09/20/13 06:50	1
Dichlorodifluoromethane	<0.20		1.0	0.20	ug/L			09/20/13 06:50	1
Ethylbenzene	<0.13		0.50	0.13	ug/L			09/20/13 06:50	1
Hexachlorobutadiene	<0.26		1.0	0.26	ug/L			09/20/13 06:50	1
Isopropyl ether	<0.15		1.0	0.15	ug/L			09/20/13 06:50	1
Isopropylbenzene	<0.14		1.0	0.14	ug/L			09/20/13 06:50	1
Methyl tert-butyl ether	<0.24		1.0	0.24	ug/L			09/20/13 06:50	1
Methylene Chloride	<0.68		5.0	0.68	ug/L			09/20/13 06:50	1
Naphthalene	<0.16		1.0	0.16	ug/L			09/20/13 06:50	1
n-Butylbenzene	<0.13		1.0	0.13	ug/L			09/20/13 06:50	1
N-Propylbenzene	<0.13		1.0	0.13	ug/L			09/20/13 06:50	1
p-Isopropyltoluene	<0.17		1.0	0.17	ug/L			09/20/13 06:50	1

Client Sample ID: MW-115
Date Collected: 09/13/13 12:20
Date Received: 09/14/13 09:25

Lab Sample ID: 500-63022-17
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.15		1.0	0.15	ug/L			09/20/13 06:50	1
Styrene	<0.10		1.0	0.10	ug/L			09/20/13 06:50	1
tert-Butylbenzene	<0.14		1.0	0.14	ug/L			09/20/13 06:50	1
Tetrachloroethene	<0.17		1.0	0.17	ug/L			09/20/13 06:50	1
Toluene	<0.11		0.50	0.11	ug/L			09/20/13 06:50	1
trans-1,2-Dichloroethene	<0.25		1.0	0.25	ug/L			09/20/13 06:50	1
trans-1,3-Dichloropropene	<0.21		1.0	0.21	ug/L			09/20/13 06:50	1
Trichloroethene	<0.19		0.50	0.19	ug/L			09/20/13 06:50	1
Trichlorofluoromethane	<0.19		1.0	0.19	ug/L			09/20/13 06:50	1
Vinyl chloride	<0.10		0.50	0.10	ug/L			09/20/13 06:50	1
Xylenes, Total	<0.068		1.0	0.068	ug/L			09/20/13 06:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*75 - 125*		*09/20/13 06:50*	*1*
4-Bromofluorobenzene (Surr)	*96*		*75 - 120*		*09/20/13 06:50*	*1*
Dibromofluoromethane	*110*		*75 - 120*		*09/20/13 06:50*	*1*
Toluene-d8 (Surr)	*98*		*75 - 120*		*09/20/13 06:50*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.37		0.74	0.37	ug/L		09/19/13 07:54	09/23/13 13:21	1
2-Methylnaphthalene	<0.062		0.37	0.062	ug/L		09/19/13 07:54	09/23/13 13:21	1
Acenaphthene	<0.091		0.74	0.091	ug/L		09/19/13 07:54	09/23/13 13:21	1
Acenaphthylene	<0.10		0.74	0.10	ug/L		09/19/13 07:54	09/23/13 13:21	1
Anthracene	**0.16**	**J**	0.74	0.14	ug/L		09/19/13 07:54	09/23/13 13:21	1
Benzo[a]anthracene	**0.17**		0.15	0.048	ug/L		09/19/13 07:54	09/23/13 13:21	1
Benzo[a]pyrene	<0.056		0.15	0.056	ug/L		09/19/13 07:54	09/23/13 13:21	1
Benzo[b]fluoranthene	<0.060		0.15	0.060	ug/L		09/19/13 07:54	09/23/13 13:21	1
Benzo[g,h,i]perylene	<0.36		0.74	0.36	ug/L		09/19/13 07:54	09/23/13 13:21	1
Benzo[k]fluoranthene	<0.12		0.15	0.12	ug/L		09/19/13 07:54	09/23/13 13:21	1
Chrysene	**0.22**	**J**	0.37	0.069	ug/L		09/19/13 07:54	09/23/13 13:21	1
Dibenz(a,h)anthracene	<0.084		0.22	0.084	ug/L		09/19/13 07:54	09/23/13 13:21	1
Fluoranthene	**0.30**	**J**	0.74	0.15	ug/L		09/19/13 07:54	09/23/13 13:21	1
Fluorene	<0.12		0.74	0.12	ug/L		09/19/13 07:54	09/23/13 13:21	1
Indeno[1,2,3-cd]pyrene	<0.057		0.15	0.057	ug/L		09/19/13 07:54	09/23/13 13:21	1
Naphthalene	**1.1**		0.74	0.11	ug/L		09/19/13 07:54	09/23/13 13:21	1
Phenanthrene	**0.24**	**J**	0.74	0.16	ug/L		09/19/13 07:54	09/23/13 13:21	1
Pyrene	**0.28**	**J**	0.74	0.17	ug/L		09/19/13 07:54	09/23/13 13:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*73*		*41 - 132*	*09/19/13 07:54*	*09/23/13 13:21*	*1*
Nitrobenzene-d5 (Surr)	*84*		*47 - 134*	*09/19/13 07:54*	*09/23/13 13:21*	*1*
Terphenyl-d14 (Surr)	*94*		*59 - 150*	*09/19/13 07:54*	*09/23/13 13:21*	*1*

Client Sample ID: MW-2
Date Collected: 09/13/13 10:35
Date Received: 09/14/13 09:25

Lab Sample ID: 500-63022-18
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<1.3		5.0	1.3	ug/L			09/23/13 17:00	5
1,1,1-Trichloroethane	<1.0		5.0	1.0	ug/L			09/23/13 17:00	5
1,1,2,2-Tetrachloroethane	<1.2		5.0	1.2	ug/L			09/23/13 17:00	5
1,1,2-Trichloroethane	<1.4		5.0	1.4	ug/L			09/23/13 17:00	5
1,1-Dichloroethane	<0.95		5.0	0.95	ug/L			09/23/13 17:00	5
1,1-Dichloroethene	<1.6		5.0	1.6	ug/L			09/23/13 17:00	5
1,1-Dichloropropene	<1.7		5.0	1.7	ug/L			09/23/13 17:00	5
1,2,3-Trichlorobenzene	<1.2		5.0	1.2	ug/L			09/23/13 17:00	5
1,2,3-Trichloropropane	<2.3		5.0	2.3	ug/L			09/23/13 17:00	5
1,2,4-Trichlorobenzene	<1.6		5.0	1.6	ug/L			09/23/13 17:00	5
1,2,4-Trimethylbenzene	**160**		5.0	0.70	ug/L			09/23/13 17:00	5
1,2-Dibromo-3-Chloropropane	<4.4		10	4.4	ug/L			09/23/13 17:00	5
1,2-Dibromoethane	<1.8		5.0	1.8	ug/L			09/23/13 17:00	5
1,2-Dichlorobenzene	<1.4		5.0	1.4	ug/L			09/23/13 17:00	5
1,2-Dichloroethane	<1.4		5.0	1.4	ug/L			09/23/13 17:00	5
1,2-Dichloropropane	<1.0		5.0	1.0	ug/L			09/23/13 17:00	5
1,3,5-Trimethylbenzene	**9.2**		5.0	0.90	ug/L			09/23/13 17:00	5
1,3-Dichlorobenzene	<0.75		5.0	0.75	ug/L			09/23/13 17:00	5
1,3-Dichloropropane	<0.65		5.0	0.65	ug/L			09/23/13 17:00	5
1,4-Dichlorobenzene	<0.75		5.0	0.75	ug/L			09/23/13 17:00	5
2,2-Dichloropropane	<1.6		5.0	1.6	ug/L			09/23/13 17:00	5
2-Chlorotoluene	<1.1		5.0	1.1	ug/L			09/23/13 17:00	5
4-Chlorotoluene	<1.0		5.0	1.0	ug/L			09/23/13 17:00	5
Benzene	**100**		2.5	0.37	ug/L			09/23/13 17:00	5
Bromobenzene	<1.3		5.0	1.3	ug/L			09/23/13 17:00	5
Bromochloromethane	<2.0		5.0	2.0	ug/L			09/23/13 17:00	5
Bromodichloromethane	<0.85		5.0	0.85	ug/L			09/23/13 17:00	5
Bromoform	<1.4		5.0	1.4	ug/L			09/23/13 17:00	5
Bromomethane	<1.6		5.0	1.6	ug/L			09/23/13 17:00	5
Carbon tetrachloride	<1.3		5.0	1.3	ug/L			09/23/13 17:00	5
Chlorobenzene	<0.70		5.0	0.70	ug/L			09/23/13 17:00	5
Chloroethane	<1.7		5.0	1.7	ug/L			09/23/13 17:00	5
Chloroform	<1.0		5.0	1.0	ug/L			09/23/13 17:00	5
Chloromethane	<0.90		5.0	0.90	ug/L			09/23/13 17:00	5
cis-1,2-Dichloroethene	<0.60		5.0	0.60	ug/L			09/23/13 17:00	5
cis-1,3-Dichloropropene	<0.90		5.0	0.90	ug/L			09/23/13 17:00	5
Dibromochloromethane	<1.6		5.0	1.6	ug/L			09/23/13 17:00	5
Dibromomethane	<1.7		5.0	1.7	ug/L			09/23/13 17:00	5
Dichlorodifluoromethane	<1.0		5.0	1.0	ug/L			09/23/13 17:00	5
Ethylbenzene	**130**		2.5	0.65	ug/L			09/23/13 17:00	5
Hexachlorobutadiene	<1.3		5.0	1.3	ug/L			09/23/13 17:00	5
Isopropyl ether	<0.75		5.0	0.75	ug/L			09/23/13 17:00	5
Isopropylbenzene	**12**		5.0	0.70	ug/L			09/23/13 17:00	5
Methyl tert-butyl ether	<1.2		5.0	1.2	ug/L			09/23/13 17:00	5
Methylene Chloride	<3.4		25	3.4	ug/L			09/23/13 17:00	5
n-Butylbenzene	<0.65		5.0	0.65	ug/L			09/23/13 17:00	5
N-Propylbenzene	**4.3**	**J**	5.0	0.65	ug/L			09/23/13 17:00	5
p-Isopropyltoluene	<0.85		5.0	0.85	ug/L			09/23/13 17:00	5
sec-Butylbenzene	<0.75		5.0	0.75	ug/L			09/23/13 17:00	5

Client Sample ID: MW-2
Date Collected: 09/13/13 10:35
Date Received: 09/14/13 09:25

Lab Sample ID: 500-63022-18
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	<0.50		5.0	0.50	ug/L			09/23/13 17:00	5
tert-Butylbenzene	<0.70		5.0	0.70	ug/L			09/23/13 17:00	5
Tetrachloroethene	<0.85		5.0	0.85	ug/L			09/23/13 17:00	5
Toluene	**30**		2.5	0.55	ug/L			09/23/13 17:00	5
trans-1,2-Dichloroethene	<1.3		5.0	1.3	ug/L			09/23/13 17:00	5
trans-1,3-Dichloropropene	<1.1		5.0	1.1	ug/L			09/23/13 17:00	5
Trichloroethene	<0.95		2.5	0.95	ug/L			09/23/13 17:00	5
Trichlorofluoromethane	<0.95		5.0	0.95	ug/L			09/23/13 17:00	5
Vinyl chloride	<0.50		2.5	0.50	ug/L			09/23/13 17:00	5
Xylenes, Total	**240**		5.0	0.34	ug/L			09/23/13 17:00	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*75 - 125*		*09/23/13 17:00*	*5*
4-Bromofluorobenzene (Surr)	*96*		*75 - 120*		*09/23/13 17:00*	*5*
Dibromofluoromethane	*108*		*75 - 120*		*09/23/13 17:00*	*5*
Toluene-d8 (Surr)	*97*		*75 - 120*		*09/23/13 17:00*	*5*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	**3300**		50	8.0	ug/L			09/23/13 17:25	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*75 - 125*		*09/23/13 17:25*	*50*
4-Bromofluorobenzene (Surr)	*97*		*75 - 120*		*09/23/13 17:25*	*50*
Dibromofluoromethane	*103*		*75 - 120*		*09/23/13 17:25*	*50*
Toluene-d8 (Surr)	*103*		*75 - 120*		*09/23/13 17:25*	*50*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**140**		3.7	1.9	ug/L		09/19/13 07:54	09/23/13 15:24	5
2-Methylnaphthalene	**5.2**		1.9	0.31	ug/L		09/19/13 07:54	09/23/13 15:24	5
Acenaphthene	**65**		3.7	0.46	ug/L		09/19/13 07:54	09/23/13 15:24	5
Acenaphthylene	**13**		3.7	0.50	ug/L		09/19/13 07:54	09/23/13 15:24	5
Anthracene	**1.5**	**J**	3.7	0.69	ug/L		09/19/13 07:54	09/23/13 15:24	5
Benzo[a]anthracene	<0.24		0.74	0.24	ug/L		09/19/13 07:54	09/23/13 15:24	5
Benzo[a]pyrene	<0.28		0.74	0.28	ug/L		09/19/13 07:54	09/23/13 15:24	5
Benzo[b]fluoranthene	<0.30		0.74	0.30	ug/L		09/19/13 07:54	09/23/13 15:24	5
Benzo[g,h,i]perylene	<1.8		3.7	1.8	ug/L		09/19/13 07:54	09/23/13 15:24	5
Benzo[k]fluoranthene	<0.63		0.74	0.63	ug/L		09/19/13 07:54	09/23/13 15:24	5
Chrysene	<0.35		1.9	0.35	ug/L		09/19/13 07:54	09/23/13 15:24	5
Dibenz(a,h)anthracene	<0.42		1.1	0.42	ug/L		09/19/13 07:54	09/23/13 15:24	5
Fluoranthene	**4.0**		3.7	0.76	ug/L		09/19/13 07:54	09/23/13 15:24	5
Fluorene	**20**		3.7	0.62	ug/L		09/19/13 07:54	09/23/13 15:24	5
Indeno[1,2,3-cd]pyrene	<0.28		0.74	0.28	ug/L		09/19/13 07:54	09/23/13 15:24	5
Phenanthrene	**25**		3.7	0.78	ug/L		09/19/13 07:54	09/23/13 15:24	5
Pyrene	**2.7**	**J**	3.7	0.84	ug/L		09/19/13 07:54	09/23/13 15:24	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*63*		*41 - 132*	*09/19/13 07:54*	*09/23/13 15:24*	*5*
Nitrobenzene-d5 (Surr)	*61*		*47 - 134*	*09/19/13 07:54*	*09/23/13 15:24*	*5*
Terphenyl-d14 (Surr)	*97*		*59 - 150*	*09/19/13 07:54*	*09/23/13 15:24*	*5*

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201

TestAmerica Job ID: 500-63022-1

Client Sample ID: MW-2
Date Collected: 09/13/13 10:35
Date Received: 09/14/13 09:25

Lab Sample ID: 500-63022-18
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	1700		74	12	ug/L		09/19/13 07:54	09/23/13 15:49	100

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201

TestAmerica Job ID: 500-63022-1

Client Sample ID: MW-107
Date Collected: 09/13/13 13:45
Date Received: 09/14/13 09:25

Lab Sample ID: 500-63022-19
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<5.0		20	5.0	ug/L			09/20/13 19:29	20
1,1,1-Trichloroethane	<4.0		20	4.0	ug/L			09/20/13 19:29	20
1,1,2,2-Tetrachloroethane	<4.6		20	4.6	ug/L			09/20/13 19:29	20
1,1,2-Trichloroethane	<5.6		20	5.6	ug/L			09/20/13 19:29	20
1,1-Dichloroethane	<3.8		20	3.8	ug/L			09/20/13 19:29	20
1,1-Dichloroethene	<6.2		20	6.2	ug/L			09/20/13 19:29	20
1,1-Dichloropropene	<6.8		20	6.8	ug/L			09/20/13 19:29	20
1,2,3-Trichlorobenzene	<4.8		20	4.8	ug/L			09/20/13 19:29	20
1,2,3-Trichloropropane	<9.0		20	9.0	ug/L			09/20/13 19:29	20
1,2,4-Trichlorobenzene	<6.2		20	6.2	ug/L			09/20/13 19:29	20
1,2,4-Trimethylbenzene	**340**		20	2.8	ug/L			09/20/13 19:29	20
1,2-Dibromo-3-Chloropropane	<17		40	17	ug/L			09/20/13 19:29	20
1,2-Dibromoethane	<7.2		20	7.2	ug/L			09/20/13 19:29	20
1,2-Dichlorobenzene	<5.4		20	5.4	ug/L			09/20/13 19:29	20
1,2-Dichloroethane	<5.6		20	5.6	ug/L			09/20/13 19:29	20
1,2-Dichloropropane	<4.0		20	4.0	ug/L			09/20/13 19:29	20
1,3,5-Trimethylbenzene	**88**		20	3.6	ug/L			09/20/13 19:29	20
1,3-Dichlorobenzene	<3.0		20	3.0	ug/L			09/20/13 19:29	20
1,3-Dichloropropane	<2.6		20	2.6	ug/L			09/20/13 19:29	20
1,4-Dichlorobenzene	<3.0		20	3.0	ug/L			09/20/13 19:29	20
2,2-Dichloropropane	<6.4		20	6.4	ug/L			09/20/13 19:29	20
2-Chlorotoluene	<4.2		20	4.2	ug/L			09/20/13 19:29	20
4-Chlorotoluene	<4.0		20	4.0	ug/L			09/20/13 19:29	20
Benzene	**2900**		10	1.5	ug/L			09/20/13 19:29	20
Bromobenzene	<5.0		20	5.0	ug/L			09/20/13 19:29	20
Bromochloromethane	<8.0		20	8.0	ug/L			09/20/13 19:29	20
Bromodichloromethane	<3.4		20	3.4	ug/L			09/20/13 19:29	20
Bromoform	<5.6		20	5.6	ug/L			09/20/13 19:29	20
Bromomethane	<6.2		20	6.2	ug/L			09/20/13 19:29	20
Carbon tetrachloride	<5.2		20	5.2	ug/L			09/20/13 19:29	20
Chlorobenzene	<2.8		20	2.8	ug/L			09/20/13 19:29	20
Chloroethane	<6.8		20	6.8	ug/L			09/20/13 19:29	20
Chloroform	<4.0		20	4.0	ug/L			09/20/13 19:29	20
Chloromethane	<3.6		20	3.6	ug/L			09/20/13 19:29	20
cis-1,2-Dichloroethene	<2.4		20	2.4	ug/L			09/20/13 19:29	20
cis-1,3-Dichloropropene	<3.6		20	3.6	ug/L			09/20/13 19:29	20
Dibromochloromethane	<6.4		20	6.4	ug/L			09/20/13 19:29	20
Dibromomethane	<6.6		20	6.6	ug/L			09/20/13 19:29	20
Dichlorodifluoromethane	<4.0		20	4.0	ug/L			09/20/13 19:29	20
Ethylbenzene	**550**		10	2.6	ug/L			09/20/13 19:29	20
Hexachlorobutadiene	<5.2		20	5.2	ug/L			09/20/13 19:29	20
Isopropyl ether	<3.0		20	3.0	ug/L			09/20/13 19:29	20
Isopropylbenzene	**29**		20	2.8	ug/L			09/20/13 19:29	20
Methyl tert-butyl ether	<4.8		20	4.8	ug/L			09/20/13 19:29	20
Methylene Chloride	<14		100	14	ug/L			09/20/13 19:29	20
n-Butylbenzene	<2.6		20	2.6	ug/L			09/20/13 19:29	20
N-Propylbenzene	**13**	**J**	20	2.6	ug/L			09/20/13 19:29	20
p-Isopropyltoluene	<3.4		20	3.4	ug/L			09/20/13 19:29	20
sec-Butylbenzene	<3.0		20	3.0	ug/L			09/20/13 19:29	20

Client Sample ID: MW-107
Date Collected: 09/13/13 13:45
Date Received: 09/14/13 09:25

Lab Sample ID: 500-63022-19
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	<2.0		20	2.0	ug/L			09/20/13 19:29	20
tert-Butylbenzene	<2.8		20	2.8	ug/L			09/20/13 19:29	20
Tetrachloroethene	<3.4		20	3.4	ug/L			09/20/13 19:29	20
Toluene	**91**		10	2.2	ug/L			09/20/13 19:29	20
trans-1,2-Dichloroethene	<5.0		20	5.0	ug/L			09/20/13 19:29	20
trans-1,3-Dichloropropene	<4.2		20	4.2	ug/L			09/20/13 19:29	20
Trichloroethene	<3.8		10	3.8	ug/L			09/20/13 19:29	20
Trichlorofluoromethane	<3.8		20	3.8	ug/L			09/20/13 19:29	20
Vinyl chloride	<2.0		10	2.0	ug/L			09/20/13 19:29	20
Xylenes, Total	**1800**		20	1.4	ug/L			09/20/13 19:29	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*75 - 125*		*09/20/13 19:29*	*20*
4-Bromofluorobenzene (Surr)	*90*		*75 - 120*		*09/20/13 19:29*	*20*
Dibromofluoromethane	*107*		*75 - 120*		*09/20/13 19:29*	*20*
Toluene-d8 (Surr)	*98*		*75 - 120*		*09/20/13 19:29*	*20*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	**15000**		200	32	ug/L			09/20/13 19:53	200

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*75 - 125*		*09/20/13 19:53*	*200*
4-Bromofluorobenzene (Surr)	*93*		*75 - 120*		*09/20/13 19:53*	*200*
Dibromofluoromethane	*108*		*75 - 120*		*09/20/13 19:53*	*200*
Toluene-d8 (Surr)	*100*		*75 - 120*		*09/20/13 19:53*	*200*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**370**		18	9.2	ug/L		09/19/13 07:54	09/23/13 16:13	25
2-Methylnaphthalene	**650**		9.2	1.6	ug/L		09/19/13 07:54	09/23/13 16:13	25
Acenaphthene	**230**		18	2.3	ug/L		09/19/13 07:54	09/23/13 16:13	25
Acenaphthylene	<2.5		18	2.5	ug/L		09/19/13 07:54	09/23/13 16:13	25
Anthracene	**14**	**J**	18	3.4	ug/L		09/19/13 07:54	09/23/13 16:13	25
Benzo[a]anthracene	<1.2		3.7	1.2	ug/L		09/19/13 07:54	09/23/13 16:13	25
Benzo[a]pyrene	<1.4		3.7	1.4	ug/L		09/19/13 07:54	09/23/13 16:13	25
Benzo[b]fluoranthene	<1.5		3.7	1.5	ug/L		09/19/13 07:54	09/23/13 16:13	25
Benzo[g,h,i]perylene	<8.9		18	8.9	ug/L		09/19/13 07:54	09/23/13 16:13	25
Benzo[k]fluoranthene	<3.1		3.7	3.1	ug/L		09/19/13 07:54	09/23/13 16:13	25
Chrysene	<1.7		9.2	1.7	ug/L		09/19/13 07:54	09/23/13 16:13	25
Dibenz(a,h)anthracene	<2.1		5.5	2.1	ug/L		09/19/13 07:54	09/23/13 16:13	25
Fluoranthene	**14**	**J**	18	3.8	ug/L		09/19/13 07:54	09/23/13 16:13	25
Fluorene	**100**		18	3.1	ug/L		09/19/13 07:54	09/23/13 16:13	25
Indeno[1,2,3-cd]pyrene	<1.4		3.7	1.4	ug/L		09/19/13 07:54	09/23/13 16:13	25
Phenanthrene	**100**		18	3.9	ug/L		09/19/13 07:54	09/23/13 16:13	25
Pyrene	**9.9**	**J**	18	4.2	ug/L		09/19/13 07:54	09/23/13 16:13	25

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*72*		*41 - 132*	*09/19/13 07:54*	*09/23/13 16:13*	*25*
Nitrobenzene-d5 (Surr)	*65*		*47 - 134*	*09/19/13 07:54*	*09/23/13 16:13*	*25*
Terphenyl-d14 (Surr)	*101*		*59 - 150*	*09/19/13 07:54*	*09/23/13 16:13*	*25*

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201

TestAmerica Job ID: 500-63022-1

Client Sample ID: MW-107
Date Collected: 09/13/13 13:45
Date Received: 09/14/13 09:25

Lab Sample ID: 500-63022-19
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	6600		370	57	ug/L		09/19/13 07:54	09/23/13 16:38	500

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201

TestAmerica Job ID: 500-63022-1

Client Sample ID: MW-107 DUP
Date Collected: 09/13/13 13:50
Date Received: 09/14/13 09:25

Lab Sample ID: 500-63022-20
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<5.0		20	5.0	ug/L			09/20/13 20:18	20
1,1,1-Trichloroethane	<4.0		20	4.0	ug/L			09/20/13 20:18	20
1,1,2,2-Tetrachloroethane	<4.6		20	4.6	ug/L			09/20/13 20:18	20
1,1,2-Trichloroethane	<5.6		20	5.6	ug/L			09/20/13 20:18	20
1,1-Dichloroethane	<3.8		20	3.8	ug/L			09/20/13 20:18	20
1,1-Dichloroethene	<6.2		20	6.2	ug/L			09/20/13 20:18	20
1,1-Dichloropropene	<6.8		20	6.8	ug/L			09/20/13 20:18	20
1,2,3-Trichlorobenzene	<4.8		20	4.8	ug/L			09/20/13 20:18	20
1,2,3-Trichloropropane	<9.0		20	9.0	ug/L			09/20/13 20:18	20
1,2,4-Trichlorobenzene	<6.2		20	6.2	ug/L			09/20/13 20:18	20
1,2,4-Trimethylbenzene	**340**		20	2.8	ug/L			09/20/13 20:18	20
1,2-Dibromo-3-Chloropropane	<17		40	17	ug/L			09/20/13 20:18	20
1,2-Dibromoethane	<7.2		20	7.2	ug/L			09/20/13 20:18	20
1,2-Dichlorobenzene	<5.4		20	5.4	ug/L			09/20/13 20:18	20
1,2-Dichloroethane	<5.6		20	5.6	ug/L			09/20/13 20:18	20
1,2-Dichloropropane	<4.0		20	4.0	ug/L			09/20/13 20:18	20
1,3,5-Trimethylbenzene	**91**		20	3.6	ug/L			09/20/13 20:18	20
1,3-Dichlorobenzene	<3.0		20	3.0	ug/L			09/20/13 20:18	20
1,3-Dichloropropane	<2.6		20	2.6	ug/L			09/20/13 20:18	20
1,4-Dichlorobenzene	<3.0		20	3.0	ug/L			09/20/13 20:18	20
2,2-Dichloropropane	<6.4		20	6.4	ug/L			09/20/13 20:18	20
2-Chlorotoluene	<4.2		20	4.2	ug/L			09/20/13 20:18	20
4-Chlorotoluene	<4.0		20	4.0	ug/L			09/20/13 20:18	20
Benzene	**2800**		10	1.5	ug/L			09/20/13 20:18	20
Bromobenzene	<5.0		20	5.0	ug/L			09/20/13 20:18	20
Bromochloromethane	<8.0		20	8.0	ug/L			09/20/13 20:18	20
Bromodichloromethane	<3.4		20	3.4	ug/L			09/20/13 20:18	20
Bromoform	<5.6		20	5.6	ug/L			09/20/13 20:18	20
Bromomethane	<6.2		20	6.2	ug/L			09/20/13 20:18	20
Carbon tetrachloride	<5.2		20	5.2	ug/L			09/20/13 20:18	20
Chlorobenzene	<2.8		20	2.8	ug/L			09/20/13 20:18	20
Chloroethane	<6.8		20	6.8	ug/L			09/20/13 20:18	20
Chloroform	<4.0		20	4.0	ug/L			09/20/13 20:18	20
Chloromethane	<3.6		20	3.6	ug/L			09/20/13 20:18	20
cis-1,2-Dichloroethene	<2.4		20	2.4	ug/L			09/20/13 20:18	20
cis-1,3-Dichloropropene	<3.6		20	3.6	ug/L			09/20/13 20:18	20
Dibromochloromethane	<6.4		20	6.4	ug/L			09/20/13 20:18	20
Dibromomethane	<6.6		20	6.6	ug/L			09/20/13 20:18	20
Dichlorodifluoromethane	<4.0		20	4.0	ug/L			09/20/13 20:18	20
Ethylbenzene	**570**		10	2.6	ug/L			09/20/13 20:18	20
Hexachlorobutadiene	<5.2		20	5.2	ug/L			09/20/13 20:18	20
Isopropyl ether	<3.0		20	3.0	ug/L			09/20/13 20:18	20
Isopropylbenzene	**31**		20	2.8	ug/L			09/20/13 20:18	20
Methyl tert-butyl ether	<4.8		20	4.8	ug/L			09/20/13 20:18	20
Methylene Chloride	<14		100	14	ug/L			09/20/13 20:18	20
n-Butylbenzene	<2.6		20	2.6	ug/L			09/20/13 20:18	20
N-Propylbenzene	**12**	**J**	20	2.6	ug/L			09/20/13 20:18	20
p-Isopropyltoluene	<3.4		20	3.4	ug/L			09/20/13 20:18	20
sec-Butylbenzene	<3.0		20	3.0	ug/L			09/20/13 20:18	20

Client Sample ID: MW-107 DUP
Date Collected: 09/13/13 13:50
Date Received: 09/14/13 09:25

Lab Sample ID: 500-63022-20
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	<2.0		20	2.0	ug/L			09/20/13 20:18	20
tert-Butylbenzene	<2.8		20	2.8	ug/L			09/20/13 20:18	20
Tetrachloroethene	<3.4		20	3.4	ug/L			09/20/13 20:18	20
Toluene	**99**		10	2.2	ug/L			09/20/13 20:18	20
trans-1,2-Dichloroethene	<5.0		20	5.0	ug/L			09/20/13 20:18	20
trans-1,3-Dichloropropene	<4.2		20	4.2	ug/L			09/20/13 20:18	20
Trichloroethene	<3.8		10	3.8	ug/L			09/20/13 20:18	20
Trichlorofluoromethane	<3.8		20	3.8	ug/L			09/20/13 20:18	20
Vinyl chloride	<2.0		10	2.0	ug/L			09/20/13 20:18	20
Xylenes, Total	**1800**		20	1.4	ug/L			09/20/13 20:18	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*75 - 125*		*09/20/13 20:18*	*20*
4-Bromofluorobenzene (Surr)	*97*		*75 - 120*		*09/20/13 20:18*	*20*
Dibromofluoromethane	*103*		*75 - 120*		*09/20/13 20:18*	*20*
Toluene-d8 (Surr)	*102*		*75 - 120*		*09/20/13 20:18*	*20*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	**14000**		200	32	ug/L			09/20/13 20:43	200

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*75 - 125*		*09/20/13 20:43*	*200*
4-Bromofluorobenzene (Surr)	*92*		*75 - 120*		*09/20/13 20:43*	*200*
Dibromofluoromethane	*107*		*75 - 120*		*09/20/13 20:43*	*200*
Toluene-d8 (Surr)	*98*		*75 - 120*		*09/20/13 20:43*	*200*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**380**		19	9.4	ug/L		09/19/13 07:54	09/23/13 17:02	25
2-Methylnaphthalene	**660**		9.4	1.6	ug/L		09/19/13 07:54	09/23/13 17:02	25
Acenaphthene	**230**		19	2.3	ug/L		09/19/13 07:54	09/23/13 17:02	25
Acenaphthylene	<2.5		19	2.5	ug/L		09/19/13 07:54	09/23/13 17:02	25
Anthracene	**14**	**J**	19	3.5	ug/L		09/19/13 07:54	09/23/13 17:02	25
Benzo[a]anthracene	<1.2		3.7	1.2	ug/L		09/19/13 07:54	09/23/13 17:02	25
Benzo[a]pyrene	<1.4		3.7	1.4	ug/L		09/19/13 07:54	09/23/13 17:02	25
Benzo[b]fluoranthene	<1.5		3.7	1.5	ug/L		09/19/13 07:54	09/23/13 17:02	25
Benzo[g,h,i]perylene	<9.0		19	9.0	ug/L		09/19/13 07:54	09/23/13 17:02	25
Benzo[k]fluoranthene	<3.2		3.7	3.2	ug/L		09/19/13 07:54	09/23/13 17:02	25
Chrysene	<1.8		9.4	1.8	ug/L		09/19/13 07:54	09/23/13 17:02	25
Dibenz(a,h)anthracene	<2.1		5.6	2.1	ug/L		09/19/13 07:54	09/23/13 17:02	25
Fluoranthene	**15**	**J**	19	3.8	ug/L		09/19/13 07:54	09/23/13 17:02	25
Fluorene	**110**		19	3.1	ug/L		09/19/13 07:54	09/23/13 17:02	25
Indeno[1,2,3-cd]pyrene	<1.4		3.7	1.4	ug/L		09/19/13 07:54	09/23/13 17:02	25
Phenanthrene	**100**		19	4.0	ug/L		09/19/13 07:54	09/23/13 17:02	25
Pyrene	**12**	**J**	19	4.3	ug/L		09/19/13 07:54	09/23/13 17:02	25

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*75*		*41 - 132*	*09/19/13 07:54*	*09/23/13 17:02*	*25*
Nitrobenzene-d5 (Surr)	*65*		*47 - 134*	*09/19/13 07:54*	*09/23/13 17:02*	*25*
Terphenyl-d14 (Surr)	*100*		*59 - 150*	*09/19/13 07:54*	*09/23/13 17:02*	*25*

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201

TestAmerica Job ID: 500-63022-1

Client Sample ID: MW-107 DUP
Date Collected: 09/13/13 13:50
Date Received: 09/14/13 09:25

Lab Sample ID: 500-63022-20
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	7000		370	58	ug/L		09/19/13 07:54	09/23/13 17:27	500

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201

TestAmerica Job ID: 500-63022-1

Client Sample ID: TRIP BLANK
Date Collected: 09/12/13 00:00
Date Received: 09/14/13 09:25

Lab Sample ID: 500-63022-21
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.25		1.0	0.25	ug/L			09/20/13 00:42	1
1,1,1-Trichloroethane	<0.20		1.0	0.20	ug/L			09/20/13 00:42	1
1,1,2,2-Tetrachloroethane	<0.23		1.0	0.23	ug/L			09/20/13 00:42	1
1,1,2-Trichloroethane	<0.28		1.0	0.28	ug/L			09/20/13 00:42	1
1,1-Dichloroethane	<0.19		1.0	0.19	ug/L			09/20/13 00:42	1
1,1-Dichloroethene	<0.31		1.0	0.31	ug/L			09/20/13 00:42	1
1,1-Dichloropropene	<0.34		1.0	0.34	ug/L			09/20/13 00:42	1
1,2,3-Trichlorobenzene	<0.24		1.0	0.24	ug/L			09/20/13 00:42	1
1,2,3-Trichloropropane	<0.45		1.0	0.45	ug/L			09/20/13 00:42	1
1,2,4-Trichlorobenzene	<0.31		1.0	0.31	ug/L			09/20/13 00:42	1
1,2,4-Trimethylbenzene	<0.14		1.0	0.14	ug/L			09/20/13 00:42	1
1,2-Dibromo-3-Chloropropane	<0.87		2.0	0.87	ug/L			09/20/13 00:42	1
1,2-Dibromoethane	<0.36		1.0	0.36	ug/L			09/20/13 00:42	1
1,2-Dichlorobenzene	<0.27		1.0	0.27	ug/L			09/20/13 00:42	1
1,2-Dichloroethane	<0.28		1.0	0.28	ug/L			09/20/13 00:42	1
1,2-Dichloropropane	<0.20		1.0	0.20	ug/L			09/20/13 00:42	1
1,3,5-Trimethylbenzene	<0.18		1.0	0.18	ug/L			09/20/13 00:42	1
1,3-Dichlorobenzene	<0.15		1.0	0.15	ug/L			09/20/13 00:42	1
1,3-Dichloropropane	<0.13		1.0	0.13	ug/L			09/20/13 00:42	1
1,4-Dichlorobenzene	<0.15		1.0	0.15	ug/L			09/20/13 00:42	1
2,2-Dichloropropane	<0.32		1.0	0.32	ug/L			09/20/13 00:42	1
2-Chlorotoluene	<0.21		1.0	0.21	ug/L			09/20/13 00:42	1
4-Chlorotoluene	<0.20		1.0	0.20	ug/L			09/20/13 00:42	1
Benzene	<0.074		0.50	0.074	ug/L			09/20/13 00:42	1
Bromobenzene	<0.25		1.0	0.25	ug/L			09/20/13 00:42	1
Bromochloromethane	<0.40		1.0	0.40	ug/L			09/20/13 00:42	1
Bromodichloromethane	<0.17		1.0	0.17	ug/L			09/20/13 00:42	1
Bromoform	<0.28		1.0	0.28	ug/L			09/20/13 00:42	1
Bromomethane	<0.31		1.0	0.31	ug/L			09/20/13 00:42	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/L			09/20/13 00:42	1
Chlorobenzene	<0.14		1.0	0.14	ug/L			09/20/13 00:42	1
Chloroethane	<0.34		1.0	0.34	ug/L			09/20/13 00:42	1
Chloroform	<0.20		1.0	0.20	ug/L			09/20/13 00:42	1
Chloromethane	<0.18		1.0	0.18	ug/L			09/20/13 00:42	1
cis-1,2-Dichloroethene	<0.12		1.0	0.12	ug/L			09/20/13 00:42	1
cis-1,3-Dichloropropene	<0.18		1.0	0.18	ug/L			09/20/13 00:42	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			09/20/13 00:42	1
Dibromomethane	<0.33		1.0	0.33	ug/L			09/20/13 00:42	1
Dichlorodifluoromethane	<0.20		1.0	0.20	ug/L			09/20/13 00:42	1
Ethylbenzene	<0.13		0.50	0.13	ug/L			09/20/13 00:42	1
Hexachlorobutadiene	<0.26		1.0	0.26	ug/L			09/20/13 00:42	1
Isopropyl ether	<0.15		1.0	0.15	ug/L			09/20/13 00:42	1
Isopropylbenzene	<0.14		1.0	0.14	ug/L			09/20/13 00:42	1
Methyl tert-butyl ether	<0.24		1.0	0.24	ug/L			09/20/13 00:42	1
Methylene Chloride	<0.68		5.0	0.68	ug/L			09/20/13 00:42	1
Naphthalene	<0.16		1.0	0.16	ug/L			09/20/13 00:42	1
n-Butylbenzene	<0.13		1.0	0.13	ug/L			09/20/13 00:42	1
N-Propylbenzene	<0.13		1.0	0.13	ug/L			09/20/13 00:42	1
p-Isopropyltoluene	<0.17		1.0	0.17	ug/L			09/20/13 00:42	1

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201

TestAmerica Job ID: 500-63022-1

Client Sample ID: TRIP BLANK
Date Collected: 09/12/13 00:00
Date Received: 09/14/13 09:25

Lab Sample ID: 500-63022-21
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.15		1.0	0.15	ug/L			09/20/13 00:42	1
Styrene	<0.10		1.0	0.10	ug/L			09/20/13 00:42	1
tert-Butylbenzene	<0.14		1.0	0.14	ug/L			09/20/13 00:42	1
Tetrachloroethene	<0.17		1.0	0.17	ug/L			09/20/13 00:42	1
Toluene	<0.11		0.50	0.11	ug/L			09/20/13 00:42	1
trans-1,2-Dichloroethene	<0.25		1.0	0.25	ug/L			09/20/13 00:42	1
trans-1,3-Dichloropropene	<0.21		1.0	0.21	ug/L			09/20/13 00:42	1
Trichloroethene	<0.19		0.50	0.19	ug/L			09/20/13 00:42	1
Trichlorofluoromethane	<0.19		1.0	0.19	ug/L			09/20/13 00:42	1
Vinyl chloride	<0.10		0.50	0.10	ug/L			09/20/13 00:42	1
Xylenes, Total	<0.068		1.0	0.068	ug/L			09/20/13 00:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*75 - 125*		*09/20/13 00:42*	*1*
4-Bromofluorobenzene (Surr)	*103*		*75 - 120*		*09/20/13 00:42*	*1*
Dibromofluoromethane	*106*		*75 - 120*		*09/20/13 00:42*	*1*
Toluene-d8 (Surr)	*101*		*75 - 120*		*09/20/13 00:42*	*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

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)

GC/MS VOA

Analysis Batch: 203392

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-63022-1	MW-111	Total/NA	Water	8260B	
500-63022-2	MW-102	Total/NA	Water	8260B	
500-63022-3	P-103	Total/NA	Water	8260B	
500-63022-4	MW-104	Total/NA	Water	8260B	
500-63022-5	MW-105	Total/NA	Water	8260B	
500-63022-6	P-121	Total/NA	Water	8260B	
500-63022-7	MW-108	Total/NA	Water	8260B	
500-63022-8	P-110	Total/NA	Water	8260B	
500-63022-10	MW-117	Total/NA	Water	8260B	
500-63022-10 - DL	MW-117	Total/NA	Water	8260B	
500-63022-11	MW-117 DUP	Total/NA	Water	8260B	
500-63022-11 - DL	MW-117 DUP	Total/NA	Water	8260B	
500-63022-13	MW-1	Total/NA	Water	8260B	
500-63022-14	MW-112	Total/NA	Water	8260B	
500-63022-15	P-113	Total/NA	Water	8260B	
500-63022-16	MW-118	Total/NA	Water	8260B	
500-63022-17	MW-115	Total/NA	Water	8260B	
500-63022-17 MS	MW-115	Total/NA	Water	8260B	
500-63022-17 MSD	MW-115	Total/NA	Water	8260B	
500-63022-21	TRIP BLANK	Total/NA	Water	8260B	
LCS 500-203392/4	Lab Control Sample	Total/NA	Water	8260B	
MB 500-203392/6	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 203532

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-63022-8 - DL	P-110	Total/NA	Water	8260B	
500-63022-9	MW-116	Total/NA	Water	8260B	
500-63022-10 - DL2	MW-117	Total/NA	Water	8260B	
500-63022-11 - DL2	MW-117 DUP	Total/NA	Water	8260B	
500-63022-12	P-120	Total/NA	Water	8260B	
500-63022-19	MW-107	Total/NA	Water	8260B	
500-63022-19 - DL	MW-107	Total/NA	Water	8260B	
500-63022-20	MW-107 DUP	Total/NA	Water	8260B	
500-63022-20 - DL	MW-107 DUP	Total/NA	Water	8260B	
LCS 500-203532/4	Lab Control Sample	Total/NA	Water	8260B	
MB 500-203532/6	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 203761

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-63022-18	MW-2	Total/NA	Water	8260B	
500-63022-18 - DL	MW-2	Total/NA	Water	8260B	
LCS 500-203761/4	Lab Control Sample	Total/NA	Water	8260B	
MB 500-203761/6	Method Blank	Total/NA	Water	8260B	

GC/MS Semi VOA

Prep Batch: 203278

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-63022-1	MW-111	Total/NA	Water	3510C	
500-63022-2	MW-102	Total/NA	Water	3510C	

GC/MS Semi VOA (Continued)

Prep Batch: 203278 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-63022-3	P-103	Total/NA	Water	3510C	
500-63022-4	MW-104	Total/NA	Water	3510C	
500-63022-5	MW-105	Total/NA	Water	3510C	
500-63022-6	P-121	Total/NA	Water	3510C	
500-63022-7	MW-108	Total/NA	Water	3510C	
500-63022-8	P-110	Total/NA	Water	3510C	
500-63022-9	MW-116	Total/NA	Water	3510C	
500-63022-10	MW-117	Total/NA	Water	3510C	
500-63022-11	MW-117 DUP	Total/NA	Water	3510C	
500-63022-12	P-120	Total/NA	Water	3510C	
500-63022-13	MW-1	Total/NA	Water	3510C	
500-63022-14	MW-112	Total/NA	Water	3510C	
500-63022-15	P-113	Total/NA	Water	3510C	
500-63022-16	MW-118	Total/NA	Water	3510C	
500-63022-17	MW-115	Total/NA	Water	3510C	
500-63022-18 - DL	MW-2	Total/NA	Water	3510C	
500-63022-18	MW-2	Total/NA	Water	3510C	
500-63022-19	MW-107	Total/NA	Water	3510C	
500-63022-19 - DL	MW-107	Total/NA	Water	3510C	
500-63022-20	MW-107 DUP	Total/NA	Water	3510C	
500-63022-20 - DL	MW-107 DUP	Total/NA	Water	3510C	
LCS 500-203278/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 500-203278/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
MB 500-203278/1-A	Method Blank	Total/NA	Water	3510C	

Analysis Batch: 203489

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-63022-3	P-103	Total/NA	Water	8270D	203278
500-63022-4	MW-104	Total/NA	Water	8270D	203278
500-63022-5	MW-105	Total/NA	Water	8270D	203278
500-63022-13	MW-1	Total/NA	Water	8270D	203278
500-63022-14	MW-112	Total/NA	Water	8270D	203278
500-63022-15	P-113	Total/NA	Water	8270D	203278
LCS 500-203278/2-A	Lab Control Sample	Total/NA	Water	8270D	203278
LCSD 500-203278/3-A	Lab Control Sample Dup	Total/NA	Water	8270D	203278
MB 500-203278/1-A	Method Blank	Total/NA	Water	8270D	203278

Analysis Batch: 203739

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-63022-1	MW-111	Total/NA	Water	8270D	203278
500-63022-2	MW-102	Total/NA	Water	8270D	203278
500-63022-6	P-121	Total/NA	Water	8270D	203278
500-63022-7	MW-108	Total/NA	Water	8270D	203278
500-63022-8	P-110	Total/NA	Water	8270D	203278
500-63022-9	MW-116	Total/NA	Water	8270D	203278
500-63022-10	MW-117	Total/NA	Water	8270D	203278
500-63022-11	MW-117 DUP	Total/NA	Water	8270D	203278
500-63022-12	P-120	Total/NA	Water	8270D	203278
500-63022-16	MW-118	Total/NA	Water	8270D	203278
500-63022-17	MW-115	Total/NA	Water	8270D	203278
500-63022-18	MW-2	Total/NA	Water	8270D	203278

GC/MS Semi VOA (Continued)

Analysis Batch: 203739 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-63022-18 - DL	MW-2	Total/NA	Water	8270D	203278
500-63022-19	MW-107	Total/NA	Water	8270D	203278
500-63022-19 - DL	MW-107	Total/NA	Water	8270D	203278
500-63022-20	MW-107 DUP	Total/NA	Water	8270D	203278
500-63022-20 - DL	MW-107 DUP	Total/NA	Water	8270D	203278

Surrogate Summary

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201

TestAmerica Job ID: 500-63022-1

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

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		12DCE	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(75-125)	(75-120)	(75-120)	(75-120)
500-63022-1	MW-111	102	100	105	103
500-63022-2	MW-102	103	99	107	101
500-63022-3	P-103	107	98	106	99
500-63022-4	MW-104	104	100	107	101
500-63022-5	MW-105	102	99	105	101
500-63022-6	P-121	109	99	111	102
500-63022-7	MW-108	106	99	115	102
500-63022-8	P-110	109	94	113	97
500-63022-8 - DL	P-110	109	90	107	98
500-63022-9	MW-116	102	91	103	101
500-63022-10	MW-117	102	93	107	98
500-63022-10 - DL	MW-117	106	92	106	102
500-63022-10 - DL2	MW-117	106	92	108	102
500-63022-11	MW-117 DUP	105	96	108	100
500-63022-11 - DL	MW-117 DUP	102	95	106	98
500-63022-11 - DL2	MW-117 DUP	105	92	110	102
500-63022-12	P-120	102	94	105	101
500-63022-13	MW-1	106	94	107	101
500-63022-14	MW-112	108	99	110	99
500-63022-15	P-113	109	96	111	99
500-63022-16	MW-118	107	99	110	98
500-63022-17	MW-115	109	96	110	98
500-63022-17 MS	MW-115	103	98	109	102
500-63022-17 MSD	MW-115	103	98	105	102
500-63022-18	MW-2	103	96	108	97
500-63022-18 - DL	MW-2	101	97	103	103
500-63022-19	MW-107	102	90	107	98
500-63022-19 - DL	MW-107	106	93	108	100
500-63022-20	MW-107 DUP	101	97	103	102
500-63022-20 - DL	MW-107 DUP	104	92	107	98
500-63022-21	TRIP BLANK	108	103	106	101
LCS 500-203392/4	Lab Control Sample	100	98	104	101
LCS 500-203532/4	Lab Control Sample	101	95	104	101
LCS 500-203761/4	Lab Control Sample	96	99	103	102
MB 500-203392/6	Method Blank	103	103	106	102
MB 500-203532/6	Method Blank	104	95	103	98
MB 500-203761/6	Method Blank	101	93	107	99

Surrogate Legend

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

BFB = 4-Bromofluorobenzene (Surr)

DBFM = Dibromofluoromethane

TOL = Toluene-d8 (Surr)

Surrogate Summary

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201

TestAmerica Job ID: 500-63022-1

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

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)								
		FBP	NBZ	TPH						
Lab Sample ID	Client Sample ID	(41-132)	(47-134)	(59-150)						
500-63022-1	MW-111	73	78	86						
500-63022-2	MW-102	71	76	93						
500-63022-3	P-103	69	75	102						
500-63022-4	MW-104	78	83	111						
500-63022-5	MW-105	69	74	96						
500-63022-6	P-121	64	69	61						
500-63022-7	MW-108	76	85	97						
500-63022-8	P-110	65	67	89						
500-63022-9	MW-116	69	75	86						
500-63022-10	MW-117	0 D	0 D	0 D						
500-63022-11	MW-117 DUP	0 D	0 D	0 D						
500-63022-12	P-120	70	78	40 X						
500-63022-13	MW-1	80	86	98						
500-63022-14	MW-112	76	78	107						
500-63022-15	P-113	80	85	109						
500-63022-16	MW-118	60	68	92						
500-63022-17	MW-115	73	84	94						
500-63022-18	MW-2	63	61	97						
500-63022-18 - DL	MW-2	0 D	0 D	0 D						
500-63022-19	MW-107	72	65	101						
500-63022-19 - DL	MW-107	0 D	0 D	0 D						
500-63022-20	MW-107 DUP	75	65	100						
500-63022-20 - DL	MW-107 DUP	0 D	0 D	0 D						
LCS 500-203278/2-A	Lab Control Sample	82	83	95						
LCSD 500-203278/3-A	Lab Control Sample Dup	77	79	91						
MB 500-203278/1-A	Method Blank	76	82	87						

Surrogate Legend

FBP = 2-Fluorobiphenyl

NBZ = Nitrobenzene-d5 (Surr)

TPH = Terphenyl-d14 (Surr)

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

Lab Sample ID: MB 500-203392/6
Matrix: Water
Analysis Batch: 203392

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	<0.25		1.0	0.25	ug/L			09/20/13 00:17	1
1,1,1-Trichloroethane	<0.20		1.0	0.20	ug/L			09/20/13 00:17	1
1,1,2,2-Tetrachloroethane	<0.23		1.0	0.23	ug/L			09/20/13 00:17	1
1,1,2-Trichloroethane	<0.28		1.0	0.28	ug/L			09/20/13 00:17	1
1,1-Dichloroethane	<0.19		1.0	0.19	ug/L			09/20/13 00:17	1
1,1-Dichloroethene	<0.31		1.0	0.31	ug/L			09/20/13 00:17	1
1,1-Dichloropropene	<0.34		1.0	0.34	ug/L			09/20/13 00:17	1
1,2,3-Trichlorobenzene	<0.24		1.0	0.24	ug/L			09/20/13 00:17	1
1,2,3-Trichloropropane	<0.45		1.0	0.45	ug/L			09/20/13 00:17	1
1,2,4-Trichlorobenzene	<0.31		1.0	0.31	ug/L			09/20/13 00:17	1
1,2,4-Trimethylbenzene	<0.14		1.0	0.14	ug/L			09/20/13 00:17	1
1,2-Dibromo-3-Chloropropane	<0.87		2.0	0.87	ug/L			09/20/13 00:17	1
1,2-Dibromoethane	<0.36		1.0	0.36	ug/L			09/20/13 00:17	1
1,2-Dichlorobenzene	<0.27		1.0	0.27	ug/L			09/20/13 00:17	1
1,2-Dichloroethane	<0.28		1.0	0.28	ug/L			09/20/13 00:17	1
1,2-Dichloropropane	<0.20		1.0	0.20	ug/L			09/20/13 00:17	1
1,3,5-Trimethylbenzene	<0.18		1.0	0.18	ug/L			09/20/13 00:17	1
1,3-Dichlorobenzene	<0.15		1.0	0.15	ug/L			09/20/13 00:17	1
1,3-Dichloropropane	<0.13		1.0	0.13	ug/L			09/20/13 00:17	1
1,4-Dichlorobenzene	<0.15		1.0	0.15	ug/L			09/20/13 00:17	1
2,2-Dichloropropane	<0.32		1.0	0.32	ug/L			09/20/13 00:17	1
2-Chlorotoluene	<0.21		1.0	0.21	ug/L			09/20/13 00:17	1
4-Chlorotoluene	<0.20		1.0	0.20	ug/L			09/20/13 00:17	1
Benzene	<0.074		0.50	0.074	ug/L			09/20/13 00:17	1
Bromobenzene	<0.25		1.0	0.25	ug/L			09/20/13 00:17	1
Bromochloromethane	<0.40		1.0	0.40	ug/L			09/20/13 00:17	1
Bromodichloromethane	<0.17		1.0	0.17	ug/L			09/20/13 00:17	1
Bromoform	<0.28		1.0	0.28	ug/L			09/20/13 00:17	1
Bromomethane	<0.31		1.0	0.31	ug/L			09/20/13 00:17	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/L			09/20/13 00:17	1
Chlorobenzene	<0.14		1.0	0.14	ug/L			09/20/13 00:17	1
Chloroethane	<0.34		1.0	0.34	ug/L			09/20/13 00:17	1
Chloroform	<0.20		1.0	0.20	ug/L			09/20/13 00:17	1
Chloromethane	<0.18		1.0	0.18	ug/L			09/20/13 00:17	1
cis-1,2-Dichloroethene	<0.12		1.0	0.12	ug/L			09/20/13 00:17	1
cis-1,3-Dichloropropene	<0.18		1.0	0.18	ug/L			09/20/13 00:17	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			09/20/13 00:17	1
Dibromomethane	<0.33		1.0	0.33	ug/L			09/20/13 00:17	1
Dichlorodifluoromethane	<0.20		1.0	0.20	ug/L			09/20/13 00:17	1
Ethylbenzene	<0.13		0.50	0.13	ug/L			09/20/13 00:17	1
Hexachlorobutadiene	<0.26		1.0	0.26	ug/L			09/20/13 00:17	1
Isopropyl ether	<0.15		1.0	0.15	ug/L			09/20/13 00:17	1
Isopropylbenzene	<0.14		1.0	0.14	ug/L			09/20/13 00:17	1
Methyl tert-butyl ether	<0.24		1.0	0.24	ug/L			09/20/13 00:17	1
Methylene Chloride	<0.68		5.0	0.68	ug/L			09/20/13 00:17	1
Naphthalene	<0.16		1.0	0.16	ug/L			09/20/13 00:17	1
n-Butylbenzene	<0.13		1.0	0.13	ug/L			09/20/13 00:17	1
N-Propylbenzene	<0.13		1.0	0.13	ug/L			09/20/13 00:17	1

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

Lab Sample ID: MB 500-203392/6
Matrix: Water
Analysis Batch: 203392

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
p-Isopropyltoluene	<0.17		1.0	0.17	ug/L			09/20/13 00:17	1
sec-Butylbenzene	<0.15		1.0	0.15	ug/L			09/20/13 00:17	1
Styrene	<0.10		1.0	0.10	ug/L			09/20/13 00:17	1
tert-Butylbenzene	<0.14		1.0	0.14	ug/L			09/20/13 00:17	1
Tetrachloroethene	<0.17		1.0	0.17	ug/L			09/20/13 00:17	1
Toluene	<0.11		0.50	0.11	ug/L			09/20/13 00:17	1
trans-1,2-Dichloroethene	<0.25		1.0	0.25	ug/L			09/20/13 00:17	1
trans-1,3-Dichloropropene	<0.21		1.0	0.21	ug/L			09/20/13 00:17	1
Trichloroethene	<0.19		0.50	0.19	ug/L			09/20/13 00:17	1
Trichlorofluoromethane	<0.19		1.0	0.19	ug/L			09/20/13 00:17	1
Vinyl chloride	<0.10		0.50	0.10	ug/L			09/20/13 00:17	1
Xylenes, Total	<0.068		1.0	0.068	ug/L			09/20/13 00:17	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*75 - 125*		*09/20/13 00:17*	*1*
4-Bromofluorobenzene (Surr)	*103*		*75 - 120*		*09/20/13 00:17*	*1*
Dibromofluoromethane	*106*		*75 - 120*		*09/20/13 00:17*	*1*
Toluene-d8 (Surr)	*102*		*75 - 120*		*09/20/13 00:17*	*1*

Lab Sample ID: LCS 500-203392/4
Matrix: Water
Analysis Batch: 203392

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	60.0		ug/L		120	75 - 120
1,1,1-Trichloroethane	50.0	49.0		ug/L		98	70 - 123
1,1,2,2-Tetrachloroethane	50.0	55.3		ug/L		111	70 - 128
1,1,2-Trichloroethane	50.0	53.0		ug/L		106	69 - 120
1,1-Dichloroethane	50.0	50.9		ug/L		102	68 - 121
1,1-Dichloroethene	50.0	43.8		ug/L		88	58 - 122
1,1-Dichloropropene	50.0	48.2		ug/L		96	70 - 120
1,2,3-Trichlorobenzene	50.0	54.3		ug/L		109	56 - 137
1,2,3-Trichloropropane	50.0	53.1		ug/L		106	70 - 120
1,2,4-Trichlorobenzene	50.0	49.0		ug/L		98	65 - 121
1,2,4-Trimethylbenzene	50.0	55.2		ug/L		110	75 - 121
1,2-Dibromo-3-Chloropropane	50.0	59.9		ug/L		120	60 - 121
1,2-Dibromoethane	50.0	53.2		ug/L		106	70 - 120
1,2-Dichlorobenzene	50.0	53.5		ug/L		107	75 - 120
1,2-Dichloroethane	50.0	51.5		ug/L		103	69 - 120
1,2-Dichloropropane	50.0	49.4		ug/L		99	70 - 120
1,3,5-Trimethylbenzene	50.0	54.4		ug/L		109	75 - 123
1,3-Dichlorobenzene	50.0	51.9		ug/L		104	70 - 120
1,3-Dichloropropane	50.0	51.5		ug/L		103	70 - 120
1,4-Dichlorobenzene	50.0	52.4		ug/L		105	75 - 120
2,2-Dichloropropane	50.0	49.0		ug/L		98	67 - 125
2-Chlorotoluene	50.0	53.0		ug/L		106	70 - 120
4-Chlorotoluene	50.0	53.3		ug/L		107	70 - 120
Benzene	50.0	49.6		ug/L		99	70 - 120

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

Lab Sample ID: LCS 500-203392/4
Matrix: Water
Analysis Batch: 203392

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromobenzene	50.0	54.1		ug/L		108	70 - 120
Bromochloromethane	50.0	51.0		ug/L		102	67 - 122
Bromodichloromethane	50.0	50.4		ug/L		101	70 - 120
Bromoform	50.0	58.3		ug/L		117	70 - 125
Bromomethane	50.0	41.1		ug/L		82	50 - 150
Carbon tetrachloride	50.0	48.0		ug/L		96	70 - 125
Chlorobenzene	50.0	51.9		ug/L		104	70 - 120
Chloroethane	50.0	40.1		ug/L		80	50 - 150
Chloroform	50.0	53.9		ug/L		108	70 - 120
Chloromethane	50.0	40.4		ug/L		81	50 - 134
cis-1,2-Dichloroethene	50.0	50.1		ug/L		100	70 - 120
cis-1,3-Dichloropropene	50.0	51.0		ug/L		102	70 - 120
Dibromochloromethane	50.0	55.6		ug/L		111	70 - 120
Dibromomethane	50.0	50.6		ug/L		101	70 - 120
Dichlorodifluoromethane	50.0	32.8		ug/L		66	40 - 140
Ethylbenzene	50.0	52.4		ug/L		105	75 - 120
Hexachlorobutadiene	50.0	53.4		ug/L		107	65 - 135
Isopropylbenzene	50.0	53.6		ug/L		107	70 - 120
Methyl tert-butyl ether	50.0	50.4		ug/L		101	58 - 122
Methylene Chloride	50.0	47.9		ug/L		96	65 - 125
Naphthalene	50.0	52.7		ug/L		105	55 - 132
n-Butylbenzene	50.0	52.6		ug/L		105	75 - 120
N-Propylbenzene	50.0	53.8		ug/L		108	70 - 120
p-Isopropyltoluene	50.0	53.3		ug/L		107	70 - 120
sec-Butylbenzene	50.0	54.2		ug/L		108	70 - 120
Styrene	50.0	56.0		ug/L		112	75 - 120
tert-Butylbenzene	50.0	54.9		ug/L		110	70 - 120
Tetrachloroethene	50.0	48.8		ug/L		98	70 - 123
Toluene	50.0	51.7		ug/L		103	70 - 120
trans-1,2-Dichloroethene	50.0	48.9		ug/L		98	70 - 124
trans-1,3-Dichloropropene	50.0	52.7		ug/L		105	70 - 120
Trichloroethene	50.0	49.7		ug/L		99	70 - 120
Trichlorofluoromethane	50.0	39.5		ug/L		79	63 - 134
Vinyl chloride	50.0	41.9		ug/L		84	62 - 138
Xylenes, Total	100	111		ug/L		111	70 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*75 - 125*
4-Bromofluorobenzene (Surr)	*98*		*75 - 120*
Dibromofluoromethane	*104*		*75 - 120*
Toluene-d8 (Surr)	*101*		*75 - 120*

Lab Sample ID: 500-63022-17 MS
Matrix: Water
Analysis Batch: 203392

Client Sample ID: MW-115
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	<0.25		50.0	52.7		ug/L		105	75 - 120

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

Lab Sample ID: 500-63022-17 MS
Matrix: Water
Analysis Batch: 203392

Client Sample ID: MW-115
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	<0.20		50.0	46.3		ug/L		93	70 - 123
1,1,2,2-Tetrachloroethane	<0.23		50.0	53.0		ug/L		106	70 - 128
1,1,2-Trichloroethane	<0.28		50.0	48.3		ug/L		97	69 - 120
1,1-Dichloroethane	<0.19		50.0	49.1		ug/L		98	68 - 121
1,1-Dichloroethene	<0.31		50.0	42.1		ug/L		84	58 - 122
1,1-Dichloropropene	<0.34		50.0	46.6		ug/L		93	70 - 120
1,2,3-Trichlorobenzene	<0.24		50.0	47.6		ug/L		95	56 - 137
1,2,3-Trichloropropane	<0.45		50.0	48.4		ug/L		97	70 - 120
1,2,4-Trichlorobenzene	<0.31		50.0	40.3		ug/L		81	65 - 121
1,2,4-Trimethylbenzene	<0.14		50.0	50.7		ug/L		101	75 - 121
1,2-Dibromo-3-Chloropropane	<0.87		50.0	54.7		ug/L		109	60 - 121
1,2-Dibromoethane	<0.36		50.0	49.4		ug/L		99	70 - 120
1,2-Dichlorobenzene	<0.27		50.0	49.0		ug/L		98	75 - 120
1,2-Dichloroethane	<0.28		50.0	50.4		ug/L		101	69 - 120
1,2-Dichloropropane	<0.20		50.0	47.5		ug/L		95	70 - 120
1,3,5-Trimethylbenzene	<0.18		50.0	50.6		ug/L		101	75 - 123
1,3-Dichlorobenzene	<0.15		50.0	47.7		ug/L		95	70 - 120
1,3-Dichloropropane	<0.13		50.0	49.2		ug/L		98	70 - 120
1,4-Dichlorobenzene	<0.15		50.0	46.9		ug/L		94	75 - 120
2,2-Dichloropropane	<0.32		50.0	45.9		ug/L		92	67 - 125
2-Chlorotoluene	<0.21		50.0	49.4		ug/L		99	70 - 120
4-Chlorotoluene	<0.20		50.0	49.0		ug/L		98	70 - 120
Benzene	<0.074		50.0	47.7		ug/L		95	70 - 120
Bromobenzene	<0.25		50.0	51.6		ug/L		103	70 - 120
Bromochloromethane	<0.40		50.0	47.7		ug/L		95	67 - 122
Bromodichloromethane	<0.17		50.0	48.4		ug/L		97	70 - 120
Bromoform	<0.28		50.0	52.7		ug/L		105	70 - 125
Bromomethane	<0.31		50.0	44.0		ug/L		88	50 - 150
Carbon tetrachloride	<0.26		50.0	46.2		ug/L		92	70 - 125
Chlorobenzene	<0.14		50.0	47.8		ug/L		96	70 - 120
Chloroethane	<0.34		50.0	41.6		ug/L		83	50 - 150
Chloroform	<0.20		50.0	48.6		ug/L		97	70 - 120
Chloromethane	<0.18		50.0	42.4		ug/L		85	50 - 134
cis-1,2-Dichloroethene	<0.12		50.0	48.5		ug/L		97	70 - 120
cis-1,3-Dichloropropene	<0.18		50.0	48.8		ug/L		98	70 - 120
Dibromochloromethane	<0.32		50.0	52.5		ug/L		105	70 - 120
Dibromomethane	<0.33		50.0	47.9		ug/L		96	70 - 120
Dichlorodifluoromethane	<0.20		50.0	34.5		ug/L		69	40 - 140
Ethylbenzene	<0.13		50.0	47.4		ug/L		95	75 - 120
Hexachlorobutadiene	<0.26		50.0	48.6		ug/L		97	65 - 135
Isopropylbenzene	<0.14		50.0	51.9		ug/L		104	70 - 120
Methyl tert-butyl ether	<0.24		50.0	46.5		ug/L		93	58 - 122
Methylene Chloride	<0.68		50.0	45.4		ug/L		91	65 - 125
Naphthalene	<0.16		50.0	55.5		ug/L		111	55 - 132
n-Butylbenzene	<0.13		50.0	45.7		ug/L		91	75 - 120
N-Propylbenzene	<0.13		50.0	50.4		ug/L		101	70 - 120
p-Isopropyltoluene	<0.17		50.0	48.6		ug/L		97	70 - 120
sec-Butylbenzene	<0.15		50.0	51.2		ug/L		102	70 - 120

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

Lab Sample ID: 500-63022-17 MS
Matrix: Water
Analysis Batch: 203392

Client Sample ID: MW-115
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Styrene	<0.10		50.0	49.8		ug/L		100	75 - 120
tert-Butylbenzene	<0.14		50.0	53.1		ug/L		106	70 - 120
Tetrachloroethene	<0.17		50.0	45.6		ug/L		91	70 - 123
Toluene	<0.11		50.0	49.3		ug/L		99	70 - 120
trans-1,2-Dichloroethene	<0.25		50.0	46.2		ug/L		92	70 - 124
trans-1,3-Dichloropropene	<0.21		50.0	49.3		ug/L		99	70 - 120
Trichloroethene	<0.19		50.0	46.5		ug/L		93	70 - 120
Trichlorofluoromethane	<0.19		50.0	42.0		ug/L		84	63 - 134
Vinyl chloride	<0.10		50.0	42.4		ug/L		85	62 - 138
Xylenes, Total	<0.068		100	99.9		ug/L		100	70 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*75 - 125*
4-Bromofluorobenzene (Surr)	*98*		*75 - 120*
Dibromofluoromethane	*109*		*75 - 120*
Toluene-d8 (Surr)	*102*		*75 - 120*

Lab Sample ID: 500-63022-17 MSD
Matrix: Water
Analysis Batch: 203392

Client Sample ID: MW-115
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	<0.25		50.0	50.8		ug/L		102	75 - 120	4	20
1,1,1-Trichloroethane	<0.20		50.0	44.0		ug/L		88	70 - 123	5	20
1,1,2,2-Tetrachloroethane	<0.23		50.0	50.3		ug/L		101	70 - 128	5	20
1,1,2-Trichloroethane	<0.28		50.0	46.4		ug/L		93	69 - 120	4	20
1,1-Dichloroethane	<0.19		50.0	45.2		ug/L		90	68 - 121	8	20
1,1-Dichloroethene	<0.31		50.0	37.8		ug/L		76	58 - 122	11	20
1,1-Dichloropropene	<0.34		50.0	44.6		ug/L		89	70 - 120	4	20
1,2,3-Trichlorobenzene	<0.24		50.0	45.9		ug/L		92	56 - 137	4	20
1,2,3-Trichloropropane	<0.45		50.0	48.1		ug/L		96	70 - 120	1	20
1,2,4-Trichlorobenzene	<0.31		50.0	40.6		ug/L		81	65 - 121	1	20
1,2,4-Trimethylbenzene	<0.14		50.0	47.4		ug/L		95	75 - 121	7	20
1,2-Dibromo-3-Chloropropane	<0.87		50.0	51.5		ug/L		103	60 - 121	6	20
1,2-Dibromoethane	<0.36		50.0	47.3		ug/L		95	70 - 120	4	20
1,2-Dichlorobenzene	<0.27		50.0	45.7		ug/L		91	75 - 120	7	20
1,2-Dichloroethane	<0.28		50.0	46.7		ug/L		93	69 - 120	8	20
1,2-Dichloropropane	<0.20		50.0	44.0		ug/L		88	70 - 120	8	20
1,3,5-Trimethylbenzene	<0.18		50.0	47.4		ug/L		95	75 - 123	7	20
1,3-Dichlorobenzene	<0.15		50.0	44.5		ug/L		89	70 - 120	7	20
1,3-Dichloropropane	<0.13		50.0	45.4		ug/L		91	70 - 120	8	20
1,4-Dichlorobenzene	<0.15		50.0	44.8		ug/L		90	75 - 120	4	20
2,2-Dichloropropane	<0.32		50.0	42.7		ug/L		85	67 - 125	7	20
2-Chlorotoluene	<0.21		50.0	46.9		ug/L		94	70 - 120	5	20
4-Chlorotoluene	<0.20		50.0	46.5		ug/L		93	70 - 120	5	20
Benzene	<0.074		50.0	44.1		ug/L		88	70 - 120	8	20
Bromobenzene	<0.25		50.0	47.3		ug/L		95	70 - 120	9	20
Bromochloromethane	<0.40		50.0	44.9		ug/L		90	67 - 122	6	20

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

Lab Sample ID: 500-63022-17 MSD
Matrix: Water
Analysis Batch: 203392

Client Sample ID: MW-115
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Bromodichloromethane	<0.17		50.0	44.2		ug/L		88	70 - 120	9	20
Bromoform	<0.28		50.0	50.0		ug/L		100	70 - 125	5	20
Bromomethane	<0.31		50.0	43.7		ug/L		87	50 - 150	1	20
Carbon tetrachloride	<0.26		50.0	43.7		ug/L		87	70 - 125	6	20
Chlorobenzene	<0.14		50.0	45.8		ug/L		92	70 - 120	4	20
Chloroethane	<0.34		50.0	43.7		ug/L		87	50 - 150	5	20
Chloroform	<0.20		50.0	46.1		ug/L		92	70 - 120	5	20
Chloromethane	<0.18		50.0	39.7		ug/L		79	50 - 134	7	20
cis-1,2-Dichloroethene	<0.12		50.0	45.6		ug/L		91	70 - 120	6	20
cis-1,3-Dichloropropene	<0.18		50.0	45.6		ug/L		91	70 - 120	7	20
Dibromochloromethane	<0.32		50.0	48.3		ug/L		97	70 - 120	8	20
Dibromomethane	<0.33		50.0	43.7		ug/L		87	70 - 120	9	20
Dichlorodifluoromethane	<0.20		50.0	32.8		ug/L		66	40 - 140	5	20
Ethylbenzene	<0.13		50.0	46.1		ug/L		92	75 - 120	3	20
Hexachlorobutadiene	<0.26		50.0	45.6		ug/L		91	65 - 135	6	20
Isopropylbenzene	<0.14		50.0	48.2		ug/L		96	70 - 120	7	20
Methyl tert-butyl ether	<0.24		50.0	43.7		ug/L		87	58 - 122	6	20
Methylene Chloride	<0.68		50.0	42.6		ug/L		85	65 - 125	6	20
Naphthalene	<0.16		50.0	51.1		ug/L		102	55 - 132	8	20
n-Butylbenzene	<0.13		50.0	43.3		ug/L		87	75 - 120	5	20
N-Propylbenzene	<0.13		50.0	47.3		ug/L		95	70 - 120	6	20
p-Isopropyltoluene	<0.17		50.0	46.2		ug/L		92	70 - 120	5	20
sec-Butylbenzene	<0.15		50.0	47.8		ug/L		96	70 - 120	7	20
Styrene	<0.10		50.0	48.3		ug/L		97	75 - 120	3	20
tert-Butylbenzene	<0.14		50.0	48.5		ug/L		97	70 - 120	9	20
Tetrachloroethene	<0.17		50.0	43.4		ug/L		87	70 - 123	5	20
Toluene	<0.11		50.0	47.3		ug/L		95	70 - 120	4	20
trans-1,2-Dichloroethene	<0.25		50.0	43.9		ug/L		88	70 - 124	5	20
trans-1,3-Dichloropropene	<0.21		50.0	46.5		ug/L		93	70 - 120	6	20
Trichloroethene	<0.19		50.0	43.7		ug/L		87	70 - 120	6	20
Trichlorofluoromethane	<0.19		50.0	41.3		ug/L		83	63 - 134	2	20
Vinyl chloride	<0.10		50.0	41.9		ug/L		84	62 - 138	1	20
Xylenes, Total	<0.068		100	96.1		ug/L		96	70 - 120	4	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*75 - 125*
4-Bromofluorobenzene (Surr)	*98*		*75 - 120*
Dibromofluoromethane	*105*		*75 - 120*
Toluene-d8 (Surr)	*102*		*75 - 120*

Lab Sample ID: MB 500-203532/6
Matrix: Water
Analysis Batch: 203532

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	<0.25		1.0	0.25	ug/L			09/20/13 12:29	1
1,1,1-Trichloroethane	<0.20		1.0	0.20	ug/L			09/20/13 12:29	1
1,1,2,2-Tetrachloroethane	<0.23		1.0	0.23	ug/L			09/20/13 12:29	1

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

Lab Sample ID: MB 500-203532/6
Matrix: Water
Analysis Batch: 203532

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	<0.28		1.0	0.28	ug/L			09/20/13 12:29	1
1,1-Dichloroethane	<0.19		1.0	0.19	ug/L			09/20/13 12:29	1
1,1-Dichloroethene	<0.31		1.0	0.31	ug/L			09/20/13 12:29	1
1,1-Dichloropropene	<0.34		1.0	0.34	ug/L			09/20/13 12:29	1
1,2,3-Trichlorobenzene	<0.24		1.0	0.24	ug/L			09/20/13 12:29	1
1,2,3-Trichloropropane	<0.45		1.0	0.45	ug/L			09/20/13 12:29	1
1,2,4-Trichlorobenzene	<0.31		1.0	0.31	ug/L			09/20/13 12:29	1
1,2,4-Trimethylbenzene	<0.14		1.0	0.14	ug/L			09/20/13 12:29	1
1,2-Dibromo-3-Chloropropane	<0.87		2.0	0.87	ug/L			09/20/13 12:29	1
1,2-Dibromoethane	<0.36		1.0	0.36	ug/L			09/20/13 12:29	1
1,2-Dichlorobenzene	<0.27		1.0	0.27	ug/L			09/20/13 12:29	1
1,2-Dichloroethane	<0.28		1.0	0.28	ug/L			09/20/13 12:29	1
1,2-Dichloropropane	<0.20		1.0	0.20	ug/L			09/20/13 12:29	1
1,3,5-Trimethylbenzene	<0.18		1.0	0.18	ug/L			09/20/13 12:29	1
1,3-Dichlorobenzene	<0.15		1.0	0.15	ug/L			09/20/13 12:29	1
1,3-Dichloropropane	<0.13		1.0	0.13	ug/L			09/20/13 12:29	1
1,4-Dichlorobenzene	<0.15		1.0	0.15	ug/L			09/20/13 12:29	1
2,2-Dichloropropane	<0.32		1.0	0.32	ug/L			09/20/13 12:29	1
2-Chlorotoluene	<0.21		1.0	0.21	ug/L			09/20/13 12:29	1
4-Chlorotoluene	<0.20		1.0	0.20	ug/L			09/20/13 12:29	1
Benzene	<0.074		0.50	0.074	ug/L			09/20/13 12:29	1
Bromobenzene	<0.25		1.0	0.25	ug/L			09/20/13 12:29	1
Bromochloromethane	<0.40		1.0	0.40	ug/L			09/20/13 12:29	1
Bromodichloromethane	<0.17		1.0	0.17	ug/L			09/20/13 12:29	1
Bromoform	<0.28		1.0	0.28	ug/L			09/20/13 12:29	1
Bromomethane	<0.31		1.0	0.31	ug/L			09/20/13 12:29	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/L			09/20/13 12:29	1
Chlorobenzene	<0.14		1.0	0.14	ug/L			09/20/13 12:29	1
Chloroethane	<0.34		1.0	0.34	ug/L			09/20/13 12:29	1
Chloroform	<0.20		1.0	0.20	ug/L			09/20/13 12:29	1
Chloromethane	<0.18		1.0	0.18	ug/L			09/20/13 12:29	1
cis-1,2-Dichloroethene	<0.12		1.0	0.12	ug/L			09/20/13 12:29	1
cis-1,3-Dichloropropene	<0.18		1.0	0.18	ug/L			09/20/13 12:29	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			09/20/13 12:29	1
Dibromomethane	<0.33		1.0	0.33	ug/L			09/20/13 12:29	1
Dichlorodifluoromethane	<0.20		1.0	0.20	ug/L			09/20/13 12:29	1
Ethylbenzene	<0.13		0.50	0.13	ug/L			09/20/13 12:29	1
Hexachlorobutadiene	<0.26		1.0	0.26	ug/L			09/20/13 12:29	1
Isopropyl ether	<0.15		1.0	0.15	ug/L			09/20/13 12:29	1
Isopropylbenzene	<0.14		1.0	0.14	ug/L			09/20/13 12:29	1
Methyl tert-butyl ether	<0.24		1.0	0.24	ug/L			09/20/13 12:29	1
Methylene Chloride	<0.68		5.0	0.68	ug/L			09/20/13 12:29	1
Naphthalene	<0.16		1.0	0.16	ug/L			09/20/13 12:29	1
n-Butylbenzene	<0.13		1.0	0.13	ug/L			09/20/13 12:29	1
N-Propylbenzene	<0.13		1.0	0.13	ug/L			09/20/13 12:29	1
p-Isopropyltoluene	<0.17		1.0	0.17	ug/L			09/20/13 12:29	1
sec-Butylbenzene	<0.15		1.0	0.15	ug/L			09/20/13 12:29	1
Styrene	<0.10		1.0	0.10	ug/L			09/20/13 12:29	1

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

Lab Sample ID: MB 500-203532/6
Matrix: Water
Analysis Batch: 203532

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/L			09/20/13 12:29	1
Tetrachloroethene	<0.17		1.0	0.17	ug/L			09/20/13 12:29	1
Toluene	<0.11		0.50	0.11	ug/L			09/20/13 12:29	1
trans-1,2-Dichloroethene	<0.25		1.0	0.25	ug/L			09/20/13 12:29	1
trans-1,3-Dichloropropene	<0.21		1.0	0.21	ug/L			09/20/13 12:29	1
Trichloroethene	<0.19		0.50	0.19	ug/L			09/20/13 12:29	1
Trichlorofluoromethane	<0.19		1.0	0.19	ug/L			09/20/13 12:29	1
Vinyl chloride	<0.10		0.50	0.10	ug/L			09/20/13 12:29	1
Xylenes, Total	<0.068		1.0	0.068	ug/L			09/20/13 12:29	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*75 - 125*		*09/20/13 12:29*	*1*
4-Bromofluorobenzene (Surr)	*95*		*75 - 120*		*09/20/13 12:29*	*1*
Dibromofluoromethane	*103*		*75 - 120*		*09/20/13 12:29*	*1*
Toluene-d8 (Surr)	*98*		*75 - 120*		*09/20/13 12:29*	*1*

Lab Sample ID: LCS 500-203532/4
Matrix: Water
Analysis Batch: 203532

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	58.8		ug/L		118	75 - 120
1,1,1-Trichloroethane	50.0	52.7		ug/L		105	70 - 123
1,1,2,2-Tetrachloroethane	50.0	53.5		ug/L		107	70 - 128
1,1,2-Trichloroethane	50.0	51.4		ug/L		103	69 - 120
1,1-Dichloroethane	50.0	53.0		ug/L		106	68 - 121
1,1-Dichloroethene	50.0	51.1		ug/L		102	58 - 122
1,1-Dichloropropene	50.0	51.7		ug/L		103	70 - 120
1,2,3-Trichlorobenzene	50.0	53.0		ug/L		106	56 - 137
1,2,3-Trichloropropane	50.0	53.4		ug/L		107	70 - 120
1,2,4-Trichlorobenzene	50.0	49.3		ug/L		99	65 - 121
1,2,4-Trimethylbenzene	50.0	55.7		ug/L		111	75 - 121
1,2-Dibromo-3-Chloropropane	50.0	59.4		ug/L		119	60 - 121
1,2-Dibromoethane	50.0	53.9		ug/L		108	70 - 120
1,2-Dichlorobenzene	50.0	52.0		ug/L		104	75 - 120
1,2-Dichloroethane	50.0	51.6		ug/L		103	69 - 120
1,2-Dichloropropane	50.0	50.1		ug/L		100	70 - 120
1,3,5-Trimethylbenzene	50.0	54.8		ug/L		110	75 - 123
1,3-Dichlorobenzene	50.0	52.5		ug/L		105	70 - 120
1,3-Dichloropropane	50.0	52.0		ug/L		104	70 - 120
1,4-Dichlorobenzene	50.0	52.0		ug/L		104	75 - 120
2,2-Dichloropropane	50.0	56.1		ug/L		112	67 - 125
2-Chlorotoluene	50.0	53.7		ug/L		107	70 - 120
4-Chlorotoluene	50.0	54.1		ug/L		108	70 - 120
Benzene	50.0	50.2		ug/L		100	70 - 120
Bromobenzene	50.0	52.0		ug/L		104	70 - 120
Bromochloromethane	50.0	51.7		ug/L		103	67 - 122
Bromodichloromethane	50.0	50.7		ug/L		101	70 - 120

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

Lab Sample ID: LCS 500-203532/4
Matrix: Water
Analysis Batch: 203532

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	59.5		ug/L		119	70 - 125
Bromomethane	50.0	48.6		ug/L		97	50 - 150
Carbon tetrachloride	50.0	51.0		ug/L		102	70 - 125
Chlorobenzene	50.0	53.0		ug/L		106	70 - 120
Chloroethane	50.0	46.0		ug/L		92	50 - 150
Chloroform	50.0	53.4		ug/L		107	70 - 120
Chloromethane	50.0	47.3		ug/L		95	50 - 134
cis-1,2-Dichloroethene	50.0	51.9		ug/L		104	70 - 120
cis-1,3-Dichloropropene	50.0	52.5		ug/L		105	70 - 120
Dibromochloromethane	50.0	55.0		ug/L		110	70 - 120
Dibromomethane	50.0	50.4		ug/L		101	70 - 120
Dichlorodifluoromethane	50.0	41.5		ug/L		83	40 - 140
Ethylbenzene	50.0	53.6		ug/L		107	75 - 120
Hexachlorobutadiene	50.0	53.4		ug/L		107	65 - 135
Isopropylbenzene	50.0	54.6		ug/L		109	70 - 120
Methyl tert-butyl ether	50.0	49.5		ug/L		99	58 - 122
Methylene Chloride	50.0	50.4		ug/L		101	65 - 125
Naphthalene	50.0	50.8		ug/L		102	55 - 132
n-Butylbenzene	50.0	54.5		ug/L		109	75 - 120
N-Propylbenzene	50.0	55.3		ug/L		111	70 - 120
p-Isopropyltoluene	50.0	55.1		ug/L		110	70 - 120
sec-Butylbenzene	50.0	55.4		ug/L		111	70 - 120
Styrene	50.0	56.5		ug/L		113	75 - 120
tert-Butylbenzene	50.0	55.4		ug/L		111	70 - 120
Tetrachloroethene	50.0	51.5		ug/L		103	70 - 123
Toluene	50.0	53.7		ug/L		107	70 - 120
trans-1,2-Dichloroethene	50.0	52.7		ug/L		105	70 - 124
trans-1,3-Dichloropropene	50.0	53.6		ug/L		107	70 - 120
Trichloroethene	50.0	49.8		ug/L		100	70 - 120
Trichlorofluoromethane	50.0	46.8		ug/L		94	63 - 134
Vinyl chloride	50.0	48.1		ug/L		96	62 - 138
Xylenes, Total	100	114		ug/L		114	70 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*75 - 125*
4-Bromofluorobenzene (Surr)	*95*		*75 - 120*
Dibromofluoromethane	*104*		*75 - 120*
Toluene-d8 (Surr)	*101*		*75 - 120*

Lab Sample ID: MB 500-203761/6
Matrix: Water
Analysis Batch: 203761

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	<0.25		1.0	0.25	ug/L			09/23/13 13:43	1
1,1,1-Trichloroethane	<0.20		1.0	0.20	ug/L			09/23/13 13:43	1
1,1,2,2-Tetrachloroethane	<0.23		1.0	0.23	ug/L			09/23/13 13:43	1
1,1,2-Trichloroethane	<0.28		1.0	0.28	ug/L			09/23/13 13:43	1

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

Lab Sample ID: MB 500-203761/6
Matrix: Water
Analysis Batch: 203761

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	<0.19		1.0	0.19	ug/L			09/23/13 13:43	1
1,1-Dichloroethene	<0.31		1.0	0.31	ug/L			09/23/13 13:43	1
1,1-Dichloropropene	<0.34		1.0	0.34	ug/L			09/23/13 13:43	1
1,2,3-Trichlorobenzene	<0.24		1.0	0.24	ug/L			09/23/13 13:43	1
1,2,3-Trichloropropane	<0.45		1.0	0.45	ug/L			09/23/13 13:43	1
1,2,4-Trichlorobenzene	<0.31		1.0	0.31	ug/L			09/23/13 13:43	1
1,2,4-Trimethylbenzene	<0.14		1.0	0.14	ug/L			09/23/13 13:43	1
1,2-Dibromo-3-Chloropropane	<0.87		2.0	0.87	ug/L			09/23/13 13:43	1
1,2-Dibromoethane	<0.36		1.0	0.36	ug/L			09/23/13 13:43	1
1,2-Dichlorobenzene	<0.27		1.0	0.27	ug/L			09/23/13 13:43	1
1,2-Dichloroethane	<0.28		1.0	0.28	ug/L			09/23/13 13:43	1
1,2-Dichloropropane	<0.20		1.0	0.20	ug/L			09/23/13 13:43	1
1,3,5-Trimethylbenzene	<0.18		1.0	0.18	ug/L			09/23/13 13:43	1
1,3-Dichlorobenzene	<0.15		1.0	0.15	ug/L			09/23/13 13:43	1
1,3-Dichloropropane	<0.13		1.0	0.13	ug/L			09/23/13 13:43	1
1,4-Dichlorobenzene	<0.15		1.0	0.15	ug/L			09/23/13 13:43	1
2,2-Dichloropropane	<0.32		1.0	0.32	ug/L			09/23/13 13:43	1
2-Chlorotoluene	<0.21		1.0	0.21	ug/L			09/23/13 13:43	1
4-Chlorotoluene	<0.20		1.0	0.20	ug/L			09/23/13 13:43	1
Benzene	<0.074		0.50	0.074	ug/L			09/23/13 13:43	1
Bromobenzene	<0.25		1.0	0.25	ug/L			09/23/13 13:43	1
Bromochloromethane	<0.40		1.0	0.40	ug/L			09/23/13 13:43	1
Bromodichloromethane	<0.17		1.0	0.17	ug/L			09/23/13 13:43	1
Bromoform	<0.28		1.0	0.28	ug/L			09/23/13 13:43	1
Bromomethane	<0.31		1.0	0.31	ug/L			09/23/13 13:43	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/L			09/23/13 13:43	1
Chlorobenzene	<0.14		1.0	0.14	ug/L			09/23/13 13:43	1
Chloroethane	<0.34		1.0	0.34	ug/L			09/23/13 13:43	1
Chloroform	<0.20		1.0	0.20	ug/L			09/23/13 13:43	1
Chloromethane	<0.18		1.0	0.18	ug/L			09/23/13 13:43	1
cis-1,2-Dichloroethene	<0.12		1.0	0.12	ug/L			09/23/13 13:43	1
cis-1,3-Dichloropropene	<0.18		1.0	0.18	ug/L			09/23/13 13:43	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			09/23/13 13:43	1
Dibromomethane	<0.33		1.0	0.33	ug/L			09/23/13 13:43	1
Dichlorodifluoromethane	<0.20		1.0	0.20	ug/L			09/23/13 13:43	1
Ethylbenzene	<0.13		0.50	0.13	ug/L			09/23/13 13:43	1
Hexachlorobutadiene	<0.26		1.0	0.26	ug/L			09/23/13 13:43	1
Isopropyl ether	<0.15		1.0	0.15	ug/L			09/23/13 13:43	1
Isopropylbenzene	<0.14		1.0	0.14	ug/L			09/23/13 13:43	1
Methyl tert-butyl ether	<0.24		1.0	0.24	ug/L			09/23/13 13:43	1
Methylene Chloride	<0.68		5.0	0.68	ug/L			09/23/13 13:43	1
Naphthalene	<0.16		1.0	0.16	ug/L			09/23/13 13:43	1
n-Butylbenzene	<0.13		1.0	0.13	ug/L			09/23/13 13:43	1
N-Propylbenzene	<0.13		1.0	0.13	ug/L			09/23/13 13:43	1
p-Isopropyltoluene	<0.17		1.0	0.17	ug/L			09/23/13 13:43	1
sec-Butylbenzene	<0.15		1.0	0.15	ug/L			09/23/13 13:43	1
Styrene	<0.10		1.0	0.10	ug/L			09/23/13 13:43	1
tert-Butylbenzene	<0.14		1.0	0.14	ug/L			09/23/13 13:43	1

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

Lab Sample ID: MB 500-203761/6
Matrix: Water
Analysis Batch: 203761

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/L			09/23/13 13:43	1
Toluene	<0.11		0.50	0.11	ug/L			09/23/13 13:43	1
trans-1,2-Dichloroethene	<0.25		1.0	0.25	ug/L			09/23/13 13:43	1
trans-1,3-Dichloropropene	<0.21		1.0	0.21	ug/L			09/23/13 13:43	1
Trichloroethene	<0.19		0.50	0.19	ug/L			09/23/13 13:43	1
Trichlorofluoromethane	<0.19		1.0	0.19	ug/L			09/23/13 13:43	1
Vinyl chloride	<0.10		0.50	0.10	ug/L			09/23/13 13:43	1
Xylenes, Total	<0.068		1.0	0.068	ug/L			09/23/13 13:43	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*75 - 125*		*09/23/13 13:43*	*1*
4-Bromofluorobenzene (Surr)	*93*		*75 - 120*		*09/23/13 13:43*	*1*
Dibromofluoromethane	*107*		*75 - 120*		*09/23/13 13:43*	*1*
Toluene-d8 (Surr)	*99*		*75 - 120*		*09/23/13 13:43*	*1*

Lab Sample ID: LCS 500-203761/4
Matrix: Water
Analysis Batch: 203761

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	53.9		ug/L		108	75 - 120
1,1,1-Trichloroethane	50.0	47.2		ug/L		94	70 - 123
1,1,2,2-Tetrachloroethane	50.0	52.6		ug/L		105	70 - 128
1,1,2-Trichloroethane	50.0	51.1		ug/L		102	69 - 120
1,1-Dichloroethane	50.0	49.6		ug/L		99	68 - 121
1,1-Dichloroethene	50.0	45.5		ug/L		91	58 - 122
1,1-Dichloropropene	50.0	50.2		ug/L		100	70 - 120
1,2,3-Trichlorobenzene	50.0	50.8		ug/L		102	56 - 137
1,2,3-Trichloropropane	50.0	49.9		ug/L		100	70 - 120
1,2,4-Trichlorobenzene	50.0	47.5		ug/L		95	65 - 121
1,2,4-Trimethylbenzene	50.0	53.0		ug/L		106	75 - 121
1,2-Dibromo-3-Chloropropane	50.0	48.9		ug/L		98	60 - 121
1,2-Dibromoethane	50.0	50.8		ug/L		102	70 - 120
1,2-Dichlorobenzene	50.0	50.5		ug/L		101	75 - 120
1,2-Dichloroethane	50.0	49.5		ug/L		99	69 - 120
1,2-Dichloropropane	50.0	49.5		ug/L		99	70 - 120
1,3,5-Trimethylbenzene	50.0	52.4		ug/L		105	75 - 123
1,3-Dichlorobenzene	50.0	51.5		ug/L		103	70 - 120
1,3-Dichloropropane	50.0	50.3		ug/L		101	70 - 120
1,4-Dichlorobenzene	50.0	50.8		ug/L		102	75 - 120
2,2-Dichloropropane	50.0	50.0		ug/L		100	67 - 125
2-Chlorotoluene	50.0	51.6		ug/L		103	70 - 120
4-Chlorotoluene	50.0	51.9		ug/L		104	70 - 120
Benzene	50.0	48.6		ug/L		97	70 - 120
Bromobenzene	50.0	51.2		ug/L		102	70 - 120
Bromochloromethane	50.0	47.5		ug/L		95	67 - 122
Bromodichloromethane	50.0	48.4		ug/L		97	70 - 120
Bromoform	50.0	55.5		ug/L		111	70 - 125

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

Lab Sample ID: LCS 500-203761/4
Matrix: Water
Analysis Batch: 203761

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	44.5		ug/L		89	50 - 150
Carbon tetrachloride	50.0	47.6		ug/L		95	70 - 125
Chlorobenzene	50.0	49.9		ug/L		100	70 - 120
Chloroethane	50.0	42.8		ug/L		86	50 - 150
Chloroform	50.0	49.6		ug/L		99	70 - 120
Chloromethane	50.0	48.2		ug/L		96	50 - 134
cis-1,2-Dichloroethene	50.0	49.0		ug/L		98	70 - 120
cis-1,3-Dichloropropene	50.0	51.6		ug/L		103	70 - 120
Dibromochloromethane	50.0	54.1		ug/L		108	70 - 120
Dibromomethane	50.0	47.3		ug/L		95	70 - 120
Dichlorodifluoromethane	50.0	38.2		ug/L		76	40 - 140
Ethylbenzene	50.0	49.9		ug/L		100	75 - 120
Hexachlorobutadiene	50.0	50.5		ug/L		101	65 - 135
Isopropylbenzene	50.0	52.5		ug/L		105	70 - 120
Methyl tert-butyl ether	50.0	46.8		ug/L		94	58 - 122
Methylene Chloride	50.0	45.0		ug/L		90	65 - 125
Naphthalene	50.0	48.5		ug/L		97	55 - 132
n-Butylbenzene	50.0	51.7		ug/L		103	75 - 120
N-Propylbenzene	50.0	52.9		ug/L		106	70 - 120
p-Isopropyltoluene	50.0	52.0		ug/L		104	70 - 120
sec-Butylbenzene	50.0	51.9		ug/L		104	70 - 120
Styrene	50.0	53.3		ug/L		107	75 - 120
tert-Butylbenzene	50.0	53.4		ug/L		107	70 - 120
Tetrachloroethene	50.0	49.3		ug/L		99	70 - 123
Toluene	50.0	51.2		ug/L		102	70 - 120
trans-1,2-Dichloroethene	50.0	48.6		ug/L		97	70 - 124
trans-1,3-Dichloropropene	50.0	53.7		ug/L		107	70 - 120
Trichloroethene	50.0	49.2		ug/L		98	70 - 120
Trichlorofluoromethane	50.0	47.6		ug/L		95	63 - 134
Vinyl chloride	50.0	47.9		ug/L		96	62 - 138
Xylenes, Total	100	105		ug/L		105	70 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*96*		*75 - 125*
4-Bromofluorobenzene (Surr)	*99*		*75 - 120*
Dibromofluoromethane	*103*		*75 - 120*
Toluene-d8 (Surr)	*102*		*75 - 120*

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

Lab Sample ID: MB 500-203278/1-A
Matrix: Water
Analysis Batch: 203489

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 203278

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.40		0.80	0.40	ug/L		09/19/13 07:54	09/20/13 09:26	1
2-Methylnaphthalene	<0.067		0.40	0.067	ug/L		09/19/13 07:54	09/20/13 09:26	1
Acenaphthene	<0.099		0.80	0.099	ug/L		09/19/13 07:54	09/20/13 09:26	1

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

Lab Sample ID: MB 500-203278/1-A
Matrix: Water
Analysis Batch: 203489

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 203278

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthylene	<0.11		0.80	0.11	ug/L		09/19/13 07:54	09/20/13 09:26	1
Anthracene	<0.15		0.80	0.15	ug/L		09/19/13 07:54	09/20/13 09:26	1
Benzo[a]anthracene	<0.052		0.16	0.052	ug/L		09/19/13 07:54	09/20/13 09:26	1
Benzo[a]pyrene	<0.061		0.16	0.061	ug/L		09/19/13 07:54	09/20/13 09:26	1
Benzo[b]fluoranthene	<0.065		0.16	0.065	ug/L		09/19/13 07:54	09/20/13 09:26	1
Benzo[g,h,i]perylene	<0.39		0.80	0.39	ug/L		09/19/13 07:54	09/20/13 09:26	1
Benzo[k]fluoranthene	<0.14		0.16	0.14	ug/L		09/19/13 07:54	09/20/13 09:26	1
Chrysene	<0.075		0.40	0.075	ug/L		09/19/13 07:54	09/20/13 09:26	1
Dibenz(a,h)anthracene	<0.091		0.24	0.091	ug/L		09/19/13 07:54	09/20/13 09:26	1
Fluoranthene	<0.16		0.80	0.16	ug/L		09/19/13 07:54	09/20/13 09:26	1
Fluorene	<0.13		0.80	0.13	ug/L		09/19/13 07:54	09/20/13 09:26	1
Indeno[1,2,3-cd]pyrene	<0.061		0.16	0.061	ug/L		09/19/13 07:54	09/20/13 09:26	1
Naphthalene	<0.12		0.80	0.12	ug/L		09/19/13 07:54	09/20/13 09:26	1
Phenanthrene	<0.17		0.80	0.17	ug/L		09/19/13 07:54	09/20/13 09:26	1
Pyrene	<0.18		0.80	0.18	ug/L		09/19/13 07:54	09/20/13 09:26	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*76*		*41 - 132*	*09/19/13 07:54*	*09/20/13 09:26*	*1*
Nitrobenzene-d5 (Surr)	*82*		*47 - 134*	*09/19/13 07:54*	*09/20/13 09:26*	*1*
Terphenyl-d14 (Surr)	*87*		*59 - 150*	*09/19/13 07:54*	*09/20/13 09:26*	*1*

Lab Sample ID: LCS 500-203278/2-A
Matrix: Water
Analysis Batch: 203489

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 203278

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Methylnaphthalene	32.0	19.9		ug/L		62	42 - 110
Acenaphthene	32.0	20.4		ug/L		64	44 - 110
Acenaphthylene	32.0	21.6		ug/L		67	48 - 114
Anthracene	32.0	23.7		ug/L		74	58 - 127
Benzo[a]anthracene	32.0	25.5		ug/L		80	64 - 119
Benzo[a]pyrene	32.0	26.3		ug/L		82	70 - 119
Benzo[b]fluoranthene	32.0	29.8		ug/L		93	68 - 130
Benzo[g,h,i]perylene	32.0	26.4		ug/L		82	48 - 140
Benzo[k]fluoranthene	32.0	22.3		ug/L		70	60 - 133
Chrysene	32.0	24.1		ug/L		75	57 - 122
Dibenz(a,h)anthracene	32.0	25.0		ug/L		78	59 - 132
Fluoranthene	32.0	27.9		ug/L		87	57 - 135
Fluorene	32.0	21.3		ug/L		67	50 - 121
Indeno[1,2,3-cd]pyrene	32.0	25.1		ug/L		78	58 - 138
Naphthalene	32.0	19.9		ug/L		62	38 - 110
Phenanthrene	32.0	26.0		ug/L		81	56 - 131
Pyrene	32.0	25.9		ug/L		81	67 - 116

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl	*82*		*41 - 132*
Nitrobenzene-d5 (Surr)	*83*		*47 - 134*

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

Lab Sample ID: LCS 500-203278/2-A
Matrix: Water
Analysis Batch: 203489

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 203278

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Terphenyl-d14 (Surr)	*95*		*59 - 150*

Lab Sample ID: LCSD 500-203278/3-A
Matrix: Water
Analysis Batch: 203489

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 203278

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2-Methylnaphthalene			32.0	18.9		ug/L		59	42 - 110	5	20
Acenaphthene			32.0	19.2		ug/L		60	44 - 110	6	20
Acenaphthylene			32.0	20.1		ug/L		63	48 - 114	7	20
Anthracene			32.0	23.1		ug/L		72	58 - 127	3	20
Benzo[a]anthracene			32.0	24.8		ug/L		77	64 - 119	3	20
Benzo[a]pyrene			32.0	25.4		ug/L		79	70 - 119	3	20
Benzo[b]fluoranthene			32.0	28.9		ug/L		90	68 - 130	3	20
Benzo[g,h,i]perylene			32.0	25.7		ug/L		80	48 - 140	3	20
Benzo[k]fluoranthene			32.0	21.9		ug/L		69	60 - 133	2	20
Chrysene			32.0	24.0		ug/L		75	57 - 122	1	20
Dibenz(a,h)anthracene			32.0	24.5		ug/L		77	59 - 132	2	20
Fluoranthene			32.0	27.4		ug/L		86	57 - 135	2	20
Fluorene			32.0	20.1		ug/L		63	50 - 121	6	20
Indeno[1,2,3-cd]pyrene			32.0	24.5		ug/L		77	58 - 138	2	20
Naphthalene			32.0	18.6		ug/L		58	38 - 110	7	20
Phenanthrene			32.0	25.3		ug/L		79	56 - 131	3	20
Pyrene			32.0	25.1		ug/L		79	67 - 116	3	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
2-Fluorobiphenyl	*77*		*41 - 132*
Nitrobenzene-d5 (Surr)	*79*		*47 - 134*
Terphenyl-d14 (Surr)	*91*		*59 - 150*

Lab Chronicle

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201

TestAmerica Job ID: 500-63022-1

Client Sample ID: MW-111

Lab Sample ID: 500-63022-1

Date Collected: 09/12/13 10:20

Matrix: Water

Date Received: 09/14/13 09:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	203392	09/20/13 01:07	EMA	TAL CHI
Total/NA	Prep	3510C			203278	09/19/13 07:54	AAS	TAL CHI
Total/NA	Analysis	8270D		1	203739	09/23/13 10:06	WDS	TAL CHI

Client Sample ID: MW-102

Lab Sample ID: 500-63022-2

Date Collected: 09/12/13 11:00

Matrix: Water

Date Received: 09/14/13 09:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	203392	09/20/13 01:32	EMA	TAL CHI
Total/NA	Prep	3510C			203278	09/19/13 07:54	AAS	TAL CHI
Total/NA	Analysis	8270D		1	203739	09/23/13 10:30	WDS	TAL CHI

Client Sample ID: P-103

Lab Sample ID: 500-63022-3

Date Collected: 09/12/13 10:40

Matrix: Water

Date Received: 09/14/13 09:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	203392	09/20/13 01:56	EMA	TAL CHI
Total/NA	Prep	3510C			203278	09/19/13 07:54	AAS	TAL CHI
Total/NA	Analysis	8270D		1	203489	09/20/13 13:02	WDS	TAL CHI

Client Sample ID: MW-104

Lab Sample ID: 500-63022-4

Date Collected: 09/12/13 11:15

Matrix: Water

Date Received: 09/14/13 09:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	203392	09/20/13 02:21	EMA	TAL CHI
Total/NA	Prep	3510C			203278	09/19/13 07:54	AAS	TAL CHI
Total/NA	Analysis	8270D		1	203489	09/20/13 14:14	WDS	TAL CHI

Client Sample ID: MW-105

Lab Sample ID: 500-63022-5

Date Collected: 09/12/13 11:30

Matrix: Water

Date Received: 09/14/13 09:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	203392	09/20/13 02:45	EMA	TAL CHI
Total/NA	Prep	3510C			203278	09/19/13 07:54	AAS	TAL CHI
Total/NA	Analysis	8270D		1	203489	09/20/13 14:38	WDS	TAL CHI

Lab Chronicle

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201

TestAmerica Job ID: 500-63022-1

Client Sample ID: P-121

Lab Sample ID: 500-63022-6

Date Collected: 09/12/13 11:50
Matrix: Water
Date Received: 09/14/13 09:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	203392	09/20/13 03:10	EMA	TAL CHI
Total/NA	Prep	3510C			203278	09/19/13 07:54	AAS	TAL CHI
Total/NA	Analysis	8270D		1	203739	09/23/13 10:55	WDS	TAL CHI

Client Sample ID: MW-108

Lab Sample ID: 500-63022-7

Date Collected: 09/12/13 12:10
Matrix: Water
Date Received: 09/14/13 09:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	203392	09/20/13 03:34	EMA	TAL CHI
Total/NA	Prep	3510C			203278	09/19/13 07:54	AAS	TAL CHI
Total/NA	Analysis	8270D		1	203739	09/23/13 11:19	WDS	TAL CHI

Client Sample ID: P-110

Lab Sample ID: 500-63022-8

Date Collected: 09/12/13 12:30
Matrix: Water
Date Received: 09/14/13 09:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	203392	09/20/13 03:59	EMA	TAL CHI
Total/NA	Analysis	8260B	DL	20	203532	09/20/13 18:15	EMA	TAL CHI
Total/NA	Prep	3510C			203278	09/19/13 07:54	AAS	TAL CHI
Total/NA	Analysis	8270D		1	203739	09/23/13 11:44	WDS	TAL CHI

Client Sample ID: MW-116

Lab Sample ID: 500-63022-9

Date Collected: 09/12/13 12:45
Matrix: Water
Date Received: 09/14/13 09:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	203532	09/20/13 15:47	EMA	TAL CHI
Total/NA	Prep	3510C			203278	09/19/13 07:54	AAS	TAL CHI
Total/NA	Analysis	8270D		1	203739	09/23/13 12:08	WDS	TAL CHI

Client Sample ID: MW-117

Lab Sample ID: 500-63022-10

Date Collected: 09/12/13 13:05
Matrix: Water
Date Received: 09/14/13 09:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		10	203392	09/20/13 07:15	EMA	TAL CHI
Total/NA	Analysis	8260B	DL	100	203392	09/20/13 07:40	EMA	TAL CHI
Total/NA	Analysis	8260B	DL2	500	203532	09/20/13 18:39	EMA	TAL CHI
Total/NA	Prep	3510C			203278	09/19/13 07:54	AAS	TAL CHI
Total/NA	Analysis	8270D		200	203739	09/23/13 17:52	WDS	TAL CHI

Client Sample ID: MW-117 DUP

Lab Sample ID: 500-63022-11

Date Collected: 09/12/13 13:10

Matrix: Water

Date Received: 09/14/13 09:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		10	203392	09/20/13 08:04	EMA	TAL CHI
Total/NA	Analysis	8260B	DL	100	203392	09/20/13 08:29	EMA	TAL CHI
Total/NA	Analysis	8260B	DL2	500	203532	09/20/13 19:04	EMA	TAL CHI
Total/NA	Prep	3510C			203278	09/19/13 07:54	AAS	TAL CHI
Total/NA	Analysis	8270D		200	203739	09/23/13 18:16	WDS	TAL CHI

Client Sample ID: P-120

Lab Sample ID: 500-63022-12

Date Collected: 09/12/13 13:25

Matrix: Water

Date Received: 09/14/13 09:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	203532	09/20/13 16:11	EMA	TAL CHI
Total/NA	Prep	3510C			203278	09/19/13 07:54	AAS	TAL CHI
Total/NA	Analysis	8270D		1	203739	09/23/13 12:32	WDS	TAL CHI

Client Sample ID: MW-1

Lab Sample ID: 500-63022-13

Date Collected: 09/13/13 10:55

Matrix: Water

Date Received: 09/14/13 09:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	203392	09/20/13 05:13	EMA	TAL CHI
Total/NA	Prep	3510C			203278	09/19/13 07:54	AAS	TAL CHI
Total/NA	Analysis	8270D		1	203489	09/20/13 17:03	WDS	TAL CHI

Client Sample ID: MW-112

Lab Sample ID: 500-63022-14

Date Collected: 09/13/13 11:30

Matrix: Water

Date Received: 09/14/13 09:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	203392	09/20/13 05:37	EMA	TAL CHI
Total/NA	Prep	3510C			203278	09/19/13 07:54	AAS	TAL CHI
Total/NA	Analysis	8270D		1	203489	09/20/13 17:27	WDS	TAL CHI

Client Sample ID: P-113

Lab Sample ID: 500-63022-15

Date Collected: 09/13/13 11:45

Matrix: Water

Date Received: 09/14/13 09:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	203392	09/20/13 06:02	EMA	TAL CHI
Total/NA	Prep	3510C			203278	09/19/13 07:54	AAS	TAL CHI
Total/NA	Analysis	8270D		1	203489	09/20/13 17:50	WDS	TAL CHI

Client Sample ID: MW-118

Lab Sample ID: 500-63022-16

Date Collected: 09/13/13 12:00

Matrix: Water

Date Received: 09/14/13 09:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	203392	09/20/13 06:26	EMA	TAL CHI
Total/NA	Prep	3510C			203278	09/19/13 07:54	AAS	TAL CHI
Total/NA	Analysis	8270D		1	203739	09/23/13 12:57	WDS	TAL CHI

Client Sample ID: MW-115

Lab Sample ID: 500-63022-17

Date Collected: 09/13/13 12:20

Matrix: Water

Date Received: 09/14/13 09:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	203392	09/20/13 06:50	EMA	TAL CHI
Total/NA	Prep	3510C			203278	09/19/13 07:54	AAS	TAL CHI
Total/NA	Analysis	8270D		1	203739	09/23/13 13:21	WDS	TAL CHI

Client Sample ID: MW-2

Lab Sample ID: 500-63022-18

Date Collected: 09/13/13 10:35

Matrix: Water

Date Received: 09/14/13 09:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		5	203761	09/23/13 17:00	EMA	TAL CHI
Total/NA	Analysis	8260B	DL	50	203761	09/23/13 17:25	EMA	TAL CHI
Total/NA	Prep	3510C			203278	09/19/13 07:54	AAS	TAL CHI
Total/NA	Analysis	8270D		5	203739	09/23/13 15:24	WDS	TAL CHI
Total/NA	Prep	3510C	DL		203278	09/19/13 07:54	AAS	TAL CHI
Total/NA	Analysis	8270D	DL	100	203739	09/23/13 15:49	WDS	TAL CHI

Client Sample ID: MW-107

Lab Sample ID: 500-63022-19

Date Collected: 09/13/13 13:45

Matrix: Water

Date Received: 09/14/13 09:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		20	203532	09/20/13 19:29	EMA	TAL CHI
Total/NA	Analysis	8260B	DL	200	203532	09/20/13 19:53	EMA	TAL CHI
Total/NA	Prep	3510C			203278	09/19/13 07:54	AAS	TAL CHI
Total/NA	Analysis	8270D		25	203739	09/23/13 16:13	WDS	TAL CHI
Total/NA	Prep	3510C	DL		203278	09/19/13 07:54	AAS	TAL CHI
Total/NA	Analysis	8270D	DL	500	203739	09/23/13 16:38	WDS	TAL CHI

Lab Chronicle

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201

TestAmerica Job ID: 500-63022-1

Client Sample ID: MW-107 DUP

Lab Sample ID: 500-63022-20

Date Collected: 09/13/13 13:50
Matrix: Water
Date Received: 09/14/13 09:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		20	203532	09/20/13 20:18	EMA	TAL CHI
Total/NA	Analysis	8260B	DL	200	203532	09/20/13 20:43	EMA	TAL CHI
Total/NA	Prep	3510C			203278	09/19/13 07:54	AAS	TAL CHI
Total/NA	Analysis	8270D		25	203739	09/23/13 17:02	WDS	TAL CHI
Total/NA	Prep	3510C	DL		203278	09/19/13 07:54	AAS	TAL CHI
Total/NA	Analysis	8270D	DL	500	203739	09/23/13 17:27	WDS	TAL CHI

Client Sample ID: TRIP BLANK

Lab Sample ID: 500-63022-21

Date Collected: 09/12/13 00:00
Matrix: Water
Date Received: 09/14/13 09:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	203392	09/20/13 00:42	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 - 117-2201

TestAmerica Job ID: 500-63022-1

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	10-30-13 *
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

THE LEADER IN ENVIRONMENTAL

2417 Bond Street, University Park, IL 604
Phone: 708.534.5200 Fax: 708.534.

500-63022 COC

Chain of Custody Record

Lab Job #: 500-63022

Chain of Custody Number:

Page 1 of 3

Temperature °C of Cooler: (3.7) (2.7) (3.3)

Report To (optional)		Bill To (optional)	
Contact:	Mike Noel	Contact:	
Company:	TetraTech	Company:	
Address:	175 N. Corporate Dr. Suite 100	Address:	
Address:	Brookfield, WI	Address:	
Phone:	(262) 792-1282	Phone:	
Fax:	(262) 792-1310	Fax:	
E-Mail:		PO#/Reference#	

Client: TetraTech
Client Project #: 117-2201
Project Name: Beazer - Oak Creek
Project Location/State: Oak Creek, WI
Lab Project #:
Sampler: Ashley A. Weimer
Lab PM:

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

Lab ID	MS/MSD	Sample ID	2013 Sampling Date	Time	# of Containers	Matrix	Parameter: VOCs 8260B	Parameter: PAH	Comments
1		MW-111	9-12	1020	5	W	3	2	
2		MW-102		1100			3	2	
3		P-103		1040			3	2	
4		MW-104		1115			3	2	
5		MW-105		1130			3	2	
6		P-121		1150			3	2	
7		MW-108		1210			3	2	
8		P-110		1230			3	2	
9		MW-116		1245			3	2	
10		MW-117		1305			3	2	

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 [X] 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
Ashley A. Weimer	TetraTech	9-13-13	1700				
Relinquished By	Company	Date	Time	Received By	Company	Date	Time
						9/14/13	0925
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

Lab Comments:

TAL-4124-556 (1209)

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

2417 Bond Street, University Park, IL 60484
Phone: 708.534.5200 Fax: 708.534.5211

Chain of Custody Record

Lab Job #: 500-63022

Chain of Custody Number:

Page 2 of 3

Temperature °C of Cooler:

(optional) Report To		(optional) Bill To	
Contact:	Mike Noel	Contact:	
Company:	Tetra Tech	Company:	
Address:	175 N. Corporate Dr Suite 100	Address:	
Address:	Brookfield, WI 53045	Address:	
Phone:	(262) 792-1282	Phone:	
Fax:	(262) 792-1310	Fax:	
E-Mail:		PO#/Reference#	

Client	Client Project #	Preservative
Tetra Tech	117-2201	
Project Name		Parameter
Beazer-Oak Creek		
Project Location/State	Lab Project #	
Oak Creek, WI		
Sampler	Lab PM	
Ashley A. Weimer		

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

Lab ID	MS/MSD	Sample ID	2013 Sampling Date	Time	# of Containers	Matrix	VOCs 8260B	PAH							Comments
11		MW-117 Dup	9-12	1310	5	W	3	2							
12		P-120	9-12	1325			3	2							
13		MW-1	9-13	1055			3	2							
14		MW-112		1130			3	2							
15		P-113		1145			3	2							
16		MW-118		1200			3	2							
17		MW-115		1220			3	2							
18		MW-2		1035			3	2							
19		MW-107		1345			3	2							
20		MW-107 Dup		1350			3	2							

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 [X] 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
Ashley A. Weimer	Tetra Tech	9-13-13	1700				
Relinquished By	Company	Date	Time	Received By	Company	Date	Time
					TA	9/14/13	0925
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

Lab Comments:

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

2417 Bond Street, University Park, IL 60484
Phone: 708.534.5200 Fax: 708.534.5211

Chain of Custody Record

Lab Job #: 500-63702
3022

Chain of Custody Number:

Page 3 of 3

Temperature °C of Cooler:

(optional) Report To		(optional) Bill To	
Contact:	Mike Noel	Contact:	
Company:	Tetra Tech	Company:	
Address:	175 N. Corporate Dr, Suite 100	Address:	
Address:	Brookfield, WI 53045	Address:	
Phone:	(262) 792-1388	Phone:	
Fax:	(262) 792-1310	Fax:	
E-Mail:		PO#/Reference#	

Client: Tetra Tech
Client Project #: 117-2201
Project Name: Beazer - Oak Creek
Project Location/State: Oak Creek, WI
Lab Project #:
Sampler: Ashley A. Weimer
Lab PM:

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

Lab ID	MS/MSD	Sample ID	Sampling Date	Sampling Time	# of Containers	Matrix	Preservative	Parameter									Comments
								VOCs 8260 B	PAH								
21		TRIP BLANK	—	—	2	W		2									Lab prepared

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 [X] 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
Ashley A. Weimer	Tetra Tech	9-13-13	1700	[signature]	TA	9/14/13	0925
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:

Lab Comments:

Login Sample Receipt Checklist

Client: Tetra Tech GEO

Job Number: 500-63022-1

Login Number: 63022

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	3.7,2.7,3.3
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.	False	
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: 500-63756-1
Client Project/Site: Beazer Oak Creek

For:
Tetra Tech GEO
175 N Corporate Drive
Suite 100
Brookfield, Wisconsin 53045

Attn: Mr. Mike Noel

Sandie Fredrick

Authorized for release by:
10/9/2013 3:24:10 PM

Sandie Fredrick, Project Manager I
(920)261-1660
sandie.fredrick@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

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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Job ID: 500-63756-1

Laboratory: TestAmerica Chicago

Narrative

Job Narrative
500-63756-1

Comments
No additional comments.

Receipt
The samples were received on 9/26/2013 9:40 AM; the samples arrived in good condition, properly preserved and, where required, on ice.
The temperature of the cooler at receipt was 2.1° C.

GC/MS VOA
No analytical or quality issues were noted.

GC/MS Semi VOA
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

TestAmerica Job ID: 500-63756-1

Client Sample ID: MW-101 — Lab Sample ID: 500-63756-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Xylenes, Total	0.41	J	1.0	0.068	ug/L	1		8260B	Total/NA

Client Sample ID: Trip Blank — Lab Sample ID: 500-63756-2

No Detections.

This Detection Summary does not include radiochemical test results.

Method Summary

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek

TestAmerica Job ID: 500-63756-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL CHI
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL CHI

Protocol References:

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

TestAmerica Job ID: 500-63756-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-63756-1	MW-101	Water	09/23/13 14:30	09/26/13 09:40
500-63756-2	Trip Blank	Water	09/23/13 00:00	09/26/13 09:40

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek

TestAmerica Job ID: 500-63756-1

Client Sample ID: MW-101
Date Collected: 09/23/13 14:30
Date Received: 09/26/13 09:40

Lab Sample ID: 500-63756-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.25		1.0	0.25	ug/L			10/01/13 13:11	1
1,1,1-Trichloroethane	<0.20		1.0	0.20	ug/L			10/01/13 13:11	1
1,1,2,2-Tetrachloroethane	<0.23		1.0	0.23	ug/L			10/01/13 13:11	1
1,1,2-Trichloroethane	<0.28		1.0	0.28	ug/L			10/01/13 13:11	1
1,1-Dichloroethane	<0.19		1.0	0.19	ug/L			10/01/13 13:11	1
1,1-Dichloroethene	<0.31		1.0	0.31	ug/L			10/01/13 13:11	1
1,1-Dichloropropene	<0.34		1.0	0.34	ug/L			10/01/13 13:11	1
1,2,3-Trichlorobenzene	<0.24		1.0	0.24	ug/L			10/01/13 13:11	1
1,2,3-Trichloropropane	<0.45		1.0	0.45	ug/L			10/01/13 13:11	1
1,2,4-Trichlorobenzene	<0.31		1.0	0.31	ug/L			10/01/13 13:11	1
1,2,4-Trimethylbenzene	<0.14		1.0	0.14	ug/L			10/01/13 13:11	1
1,2-Dibromo-3-Chloropropane	<0.87		2.0	0.87	ug/L			10/01/13 13:11	1
1,2-Dibromoethane	<0.36		1.0	0.36	ug/L			10/01/13 13:11	1
1,2-Dichlorobenzene	<0.27		1.0	0.27	ug/L			10/01/13 13:11	1
1,2-Dichloroethane	<0.28		1.0	0.28	ug/L			10/01/13 13:11	1
1,2-Dichloropropane	<0.20		1.0	0.20	ug/L			10/01/13 13:11	1
1,3,5-Trimethylbenzene	<0.18		1.0	0.18	ug/L			10/01/13 13:11	1
1,3-Dichlorobenzene	<0.15		1.0	0.15	ug/L			10/01/13 13:11	1
1,3-Dichloropropane	<0.13		1.0	0.13	ug/L			10/01/13 13:11	1
1,4-Dichlorobenzene	<0.15		1.0	0.15	ug/L			10/01/13 13:11	1
2,2-Dichloropropane	<0.32		1.0	0.32	ug/L			10/01/13 13:11	1
2-Chlorotoluene	<0.21		1.0	0.21	ug/L			10/01/13 13:11	1
4-Chlorotoluene	<0.20		1.0	0.20	ug/L			10/01/13 13:11	1
Benzene	<0.074		0.50	0.074	ug/L			10/01/13 13:11	1
Bromobenzene	<0.25		1.0	0.25	ug/L			10/01/13 13:11	1
Bromochloromethane	<0.40		1.0	0.40	ug/L			10/01/13 13:11	1
Bromodichloromethane	<0.17		1.0	0.17	ug/L			10/01/13 13:11	1
Bromoform	<0.28		1.0	0.28	ug/L			10/01/13 13:11	1
Bromomethane	<0.31		1.0	0.31	ug/L			10/01/13 13:11	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/L			10/01/13 13:11	1
Chlorobenzene	<0.14		1.0	0.14	ug/L			10/01/13 13:11	1
Chloroethane	<0.34		1.0	0.34	ug/L			10/01/13 13:11	1
Chloroform	<0.20		1.0	0.20	ug/L			10/01/13 13:11	1
Chloromethane	<0.18		1.0	0.18	ug/L			10/01/13 13:11	1
cis-1,2-Dichloroethene	<0.12		1.0	0.12	ug/L			10/01/13 13:11	1
cis-1,3-Dichloropropene	<0.18		1.0	0.18	ug/L			10/01/13 13:11	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			10/01/13 13:11	1
Dibromomethane	<0.33		1.0	0.33	ug/L			10/01/13 13:11	1
Dichlorodifluoromethane	<0.20		1.0	0.20	ug/L			10/01/13 13:11	1
Ethylbenzene	<0.13		0.50	0.13	ug/L			10/01/13 13:11	1
Hexachlorobutadiene	<0.26		1.0	0.26	ug/L			10/01/13 13:11	1
Isopropyl ether	<0.15		1.0	0.15	ug/L			10/01/13 13:11	1
Isopropylbenzene	<0.14		1.0	0.14	ug/L			10/01/13 13:11	1
Methyl tert-butyl ether	<0.24		1.0	0.24	ug/L			10/01/13 13:11	1
Methylene Chloride	<0.68		5.0	0.68	ug/L			10/01/13 13:11	1
Naphthalene	<0.16		1.0	0.16	ug/L			10/01/13 13:11	1
n-Butylbenzene	<0.13		1.0	0.13	ug/L			10/01/13 13:11	1
N-Propylbenzene	<0.13		1.0	0.13	ug/L			10/01/13 13:11	1
p-Isopropyltoluene	<0.17		1.0	0.17	ug/L			10/01/13 13:11	1

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek

TestAmerica Job ID: 500-63756-1

Client Sample ID: MW-101
Date Collected: 09/23/13 14:30
Date Received: 09/26/13 09:40

Lab Sample ID: 500-63756-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.15		1.0	0.15	ug/L			10/01/13 13:11	1
Styrene	<0.10		1.0	0.10	ug/L			10/01/13 13:11	1
tert-Butylbenzene	<0.14		1.0	0.14	ug/L			10/01/13 13:11	1
Tetrachloroethene	<0.17		1.0	0.17	ug/L			10/01/13 13:11	1
Toluene	<0.11		0.50	0.11	ug/L			10/01/13 13:11	1
trans-1,2-Dichloroethene	<0.25		1.0	0.25	ug/L			10/01/13 13:11	1
trans-1,3-Dichloropropene	<0.21		1.0	0.21	ug/L			10/01/13 13:11	1
Trichloroethene	<0.19		0.50	0.19	ug/L			10/01/13 13:11	1
Trichlorofluoromethane	<0.19		1.0	0.19	ug/L			10/01/13 13:11	1
Vinyl chloride	<0.10		0.50	0.10	ug/L			10/01/13 13:11	1
Xylenes, Total	**0.41**	**J**	1.0	0.068	ug/L			10/01/13 13:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*75 - 125*		*10/01/13 13:11*	*1*
4-Bromofluorobenzene (Surr)	*93*		*75 - 120*		*10/01/13 13:11*	*1*
Dibromofluoromethane	*105*		*75 - 120*		*10/01/13 13:11*	*1*
Toluene-d8 (Surr)	*104*		*75 - 120*		*10/01/13 13:11*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.38		0.75	0.38	ug/L		09/26/13 20:49	09/30/13 17:06	1
2-Methylnaphthalene	<0.063		0.38	0.063	ug/L		09/26/13 20:49	09/30/13 17:06	1
Acenaphthene	<0.093		0.75	0.093	ug/L		09/26/13 20:49	09/30/13 17:06	1
Acenaphthylene	<0.10		0.75	0.10	ug/L		09/26/13 20:49	09/30/13 17:06	1
Anthracene	<0.14		0.75	0.14	ug/L		09/26/13 20:49	09/30/13 17:06	1
Benzo[a]anthracene	<0.049		0.15	0.049	ug/L		09/26/13 20:49	09/30/13 17:06	1
Benzo[a]pyrene	<0.057		0.15	0.057	ug/L		09/26/13 20:49	09/30/13 17:06	1
Benzo[b]fluoranthene	<0.061		0.15	0.061	ug/L		09/26/13 20:49	09/30/13 17:06	1
Benzo[g,h,i]perylene	<0.36		0.75	0.36	ug/L		09/26/13 20:49	09/30/13 17:06	1
Benzo[k]fluoranthene	<0.13		0.15	0.13	ug/L		09/26/13 20:49	09/30/13 17:06	1
Chrysene	<0.070		0.38	0.070	ug/L		09/26/13 20:49	09/30/13 17:06	1
Dibenz(a,h)anthracene	<0.085		0.23	0.085	ug/L		09/26/13 20:49	09/30/13 17:06	1
Fluoranthene	<0.15		0.75	0.15	ug/L		09/26/13 20:49	09/30/13 17:06	1
Fluorene	<0.13		0.75	0.13	ug/L		09/26/13 20:49	09/30/13 17:06	1
Indeno[1,2,3-cd]pyrene	<0.058		0.15	0.058	ug/L		09/26/13 20:49	09/30/13 17:06	1
Naphthalene	<0.12		0.75	0.12	ug/L		09/26/13 20:49	09/30/13 17:06	1
Phenanthrene	<0.16		0.75	0.16	ug/L		09/26/13 20:49	09/30/13 17:06	1
Pyrene	<0.17		0.75	0.17	ug/L		09/26/13 20:49	09/30/13 17:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*66*		*41 - 132*	*09/26/13 20:49*	*09/30/13 17:06*	*1*
Nitrobenzene-d5 (Surr)	*61*		*47 - 134*	*09/26/13 20:49*	*09/30/13 17:06*	*1*
Terphenyl-d14 (Surr)	*106*		*59 - 150*	*09/26/13 20:49*	*09/30/13 17:06*	*1*

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek

TestAmerica Job ID: 500-63756-1

Client Sample ID: Trip Blank
Date Collected: 09/23/13 00:00
Date Received: 09/26/13 09:40

Lab Sample ID: 500-63756-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.25		1.0	0.25	ug/L			10/01/13 13:40	1
1,1,1-Trichloroethane	<0.20		1.0	0.20	ug/L			10/01/13 13:40	1
1,1,2,2-Tetrachloroethane	<0.23		1.0	0.23	ug/L			10/01/13 13:40	1
1,1,2-Trichloroethane	<0.28		1.0	0.28	ug/L			10/01/13 13:40	1
1,1-Dichloroethane	<0.19		1.0	0.19	ug/L			10/01/13 13:40	1
1,1-Dichloroethene	<0.31		1.0	0.31	ug/L			10/01/13 13:40	1
1,1-Dichloropropene	<0.34		1.0	0.34	ug/L			10/01/13 13:40	1
1,2,3-Trichlorobenzene	<0.24		1.0	0.24	ug/L			10/01/13 13:40	1
1,2,3-Trichloropropane	<0.45		1.0	0.45	ug/L			10/01/13 13:40	1
1,2,4-Trichlorobenzene	<0.31		1.0	0.31	ug/L			10/01/13 13:40	1
1,2,4-Trimethylbenzene	<0.14		1.0	0.14	ug/L			10/01/13 13:40	1
1,2-Dibromo-3-Chloropropane	<0.87		2.0	0.87	ug/L			10/01/13 13:40	1
1,2-Dibromoethane	<0.36		1.0	0.36	ug/L			10/01/13 13:40	1
1,2-Dichlorobenzene	<0.27		1.0	0.27	ug/L			10/01/13 13:40	1
1,2-Dichloroethane	<0.28		1.0	0.28	ug/L			10/01/13 13:40	1
1,2-Dichloropropane	<0.20		1.0	0.20	ug/L			10/01/13 13:40	1
1,3,5-Trimethylbenzene	<0.18		1.0	0.18	ug/L			10/01/13 13:40	1
1,3-Dichlorobenzene	<0.15		1.0	0.15	ug/L			10/01/13 13:40	1
1,3-Dichloropropane	<0.13		1.0	0.13	ug/L			10/01/13 13:40	1
1,4-Dichlorobenzene	<0.15		1.0	0.15	ug/L			10/01/13 13:40	1
2,2-Dichloropropane	<0.32		1.0	0.32	ug/L			10/01/13 13:40	1
2-Chlorotoluene	<0.21		1.0	0.21	ug/L			10/01/13 13:40	1
4-Chlorotoluene	<0.20		1.0	0.20	ug/L			10/01/13 13:40	1
Benzene	<0.074		0.50	0.074	ug/L			10/01/13 13:40	1
Bromobenzene	<0.25		1.0	0.25	ug/L			10/01/13 13:40	1
Bromochloromethane	<0.40		1.0	0.40	ug/L			10/01/13 13:40	1
Bromodichloromethane	<0.17		1.0	0.17	ug/L			10/01/13 13:40	1
Bromoform	<0.28		1.0	0.28	ug/L			10/01/13 13:40	1
Bromomethane	<0.31		1.0	0.31	ug/L			10/01/13 13:40	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/L			10/01/13 13:40	1
Chlorobenzene	<0.14		1.0	0.14	ug/L			10/01/13 13:40	1
Chloroethane	<0.34		1.0	0.34	ug/L			10/01/13 13:40	1
Chloroform	<0.20		1.0	0.20	ug/L			10/01/13 13:40	1
Chloromethane	<0.18		1.0	0.18	ug/L			10/01/13 13:40	1
cis-1,2-Dichloroethene	<0.12		1.0	0.12	ug/L			10/01/13 13:40	1
cis-1,3-Dichloropropene	<0.18		1.0	0.18	ug/L			10/01/13 13:40	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			10/01/13 13:40	1
Dibromomethane	<0.33		1.0	0.33	ug/L			10/01/13 13:40	1
Dichlorodifluoromethane	<0.20		1.0	0.20	ug/L			10/01/13 13:40	1
Ethylbenzene	<0.13		0.50	0.13	ug/L			10/01/13 13:40	1
Hexachlorobutadiene	<0.26		1.0	0.26	ug/L			10/01/13 13:40	1
Isopropyl ether	<0.15		1.0	0.15	ug/L			10/01/13 13:40	1
Isopropylbenzene	<0.14		1.0	0.14	ug/L			10/01/13 13:40	1
Methyl tert-butyl ether	<0.24		1.0	0.24	ug/L			10/01/13 13:40	1
Methylene Chloride	<0.68		5.0	0.68	ug/L			10/01/13 13:40	1
Naphthalene	<0.16		1.0	0.16	ug/L			10/01/13 13:40	1
n-Butylbenzene	<0.13		1.0	0.13	ug/L			10/01/13 13:40	1
N-Propylbenzene	<0.13		1.0	0.13	ug/L			10/01/13 13:40	1
p-Isopropyltoluene	<0.17		1.0	0.17	ug/L			10/01/13 13:40	1

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek

TestAmerica Job ID: 500-63756-1

Client Sample ID: Trip Blank
Date Collected: 09/23/13 00:00
Date Received: 09/26/13 09:40

Lab Sample ID: 500-63756-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.15		1.0	0.15	ug/L			10/01/13 13:40	1
Styrene	<0.10		1.0	0.10	ug/L			10/01/13 13:40	1
tert-Butylbenzene	<0.14		1.0	0.14	ug/L			10/01/13 13:40	1
Tetrachloroethene	<0.17		1.0	0.17	ug/L			10/01/13 13:40	1
Toluene	<0.11		0.50	0.11	ug/L			10/01/13 13:40	1
trans-1,2-Dichloroethene	<0.25		1.0	0.25	ug/L			10/01/13 13:40	1
trans-1,3-Dichloropropene	<0.21		1.0	0.21	ug/L			10/01/13 13:40	1
Trichloroethene	<0.19		0.50	0.19	ug/L			10/01/13 13:40	1
Trichlorofluoromethane	<0.19		1.0	0.19	ug/L			10/01/13 13:40	1
Vinyl chloride	<0.10		0.50	0.10	ug/L			10/01/13 13:40	1
Xylenes, Total	<0.068		1.0	0.068	ug/L			10/01/13 13:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*75 - 125*		*10/01/13 13:40*	*1*
4-Bromofluorobenzene (Surr)	*91*		*75 - 120*		*10/01/13 13:40*	*1*
Dibromofluoromethane	*106*		*75 - 120*		*10/01/13 13:40*	*1*
Toluene-d8 (Surr)	*106*		*75 - 120*		*10/01/13 13:40*	*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.

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

TestAmerica Job ID: 500-63756-1

GC/MS VOA

Analysis Batch: 204968

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-63756-1	MW-101	Total/NA	Water	8260B	
500-63756-2	Trip Blank	Total/NA	Water	8260B	
LCS 500-204968/4	Lab Control Sample	Total/NA	Water	8260B	
MB 500-204968/6	Method Blank	Total/NA	Water	8260B	

GC/MS Semi VOA

Prep Batch: 204483

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-63756-1	MW-101	Total/NA	Water	3510C	
LCS 500-204483/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 500-204483/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
MB 500-204483/1-A	Method Blank	Total/NA	Water	3510C	

Analysis Batch: 204837

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-63756-1	MW-101	Total/NA	Water	8270D	204483
LCS 500-204483/2-A	Lab Control Sample	Total/NA	Water	8270D	204483
LCSD 500-204483/3-A	Lab Control Sample Dup	Total/NA	Water	8270D	204483
MB 500-204483/1-A	Method Blank	Total/NA	Water	8270D	204483

Surrogate Summary

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek

TestAmerica Job ID: 500-63756-1

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

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		12DCE	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(75-125)	(75-120)	(75-120)	(75-120)
500-63756-1	MW-101	110	93	105	104
500-63756-2	Trip Blank	109	91	106	106
LCS 500-204968/4	Lab Control Sample	101	99	100	102
MB 500-204968/6	Method Blank	105	94	100	104

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: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		FBP	NBZ	TPH
Lab Sample ID	Client Sample ID	(41-132)	(47-134)	(59-150)
500-63756-1	MW-101	66	61	106
LCS 500-204483/2-A	Lab Control Sample	75	73	97
LCSD 500-204483/3-A	Lab Control Sample Dup	83	82	95
MB 500-204483/1-A	Method Blank	86	91	111

Surrogate Legend

FBP = 2-Fluorobiphenyl
NBZ = Nitrobenzene-d5 (Surr)
TPH = Terphenyl-d14 (Surr)

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek

TestAmerica Job ID: 500-63756-1

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

Lab Sample ID: MB 500-204968/6
Matrix: Water
Analysis Batch: 204968

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	<0.25		1.0	0.25	ug/L			10/01/13 10:01	1
1,1,1-Trichloroethane	<0.20		1.0	0.20	ug/L			10/01/13 10:01	1
1,1,2,2-Tetrachloroethane	<0.23		1.0	0.23	ug/L			10/01/13 10:01	1
1,1,2-Trichloroethane	<0.28		1.0	0.28	ug/L			10/01/13 10:01	1
1,1-Dichloroethane	<0.19		1.0	0.19	ug/L			10/01/13 10:01	1
1,1-Dichloroethene	<0.31		1.0	0.31	ug/L			10/01/13 10:01	1
1,1-Dichloropropene	<0.34		1.0	0.34	ug/L			10/01/13 10:01	1
1,2,3-Trichlorobenzene	<0.24		1.0	0.24	ug/L			10/01/13 10:01	1
1,2,3-Trichloropropane	<0.45		1.0	0.45	ug/L			10/01/13 10:01	1
1,2,4-Trichlorobenzene	<0.31		1.0	0.31	ug/L			10/01/13 10:01	1
1,2,4-Trimethylbenzene	<0.14		1.0	0.14	ug/L			10/01/13 10:01	1
1,2-Dibromo-3-Chloropropane	<0.87		2.0	0.87	ug/L			10/01/13 10:01	1
1,2-Dibromoethane	<0.36		1.0	0.36	ug/L			10/01/13 10:01	1
1,2-Dichlorobenzene	<0.27		1.0	0.27	ug/L			10/01/13 10:01	1
1,2-Dichloroethane	<0.28		1.0	0.28	ug/L			10/01/13 10:01	1
1,2-Dichloropropane	<0.20		1.0	0.20	ug/L			10/01/13 10:01	1
1,3,5-Trimethylbenzene	<0.18		1.0	0.18	ug/L			10/01/13 10:01	1
1,3-Dichlorobenzene	<0.15		1.0	0.15	ug/L			10/01/13 10:01	1
1,3-Dichloropropane	<0.13		1.0	0.13	ug/L			10/01/13 10:01	1
1,4-Dichlorobenzene	<0.15		1.0	0.15	ug/L			10/01/13 10:01	1
2,2-Dichloropropane	<0.32		1.0	0.32	ug/L			10/01/13 10:01	1
2-Chlorotoluene	<0.21		1.0	0.21	ug/L			10/01/13 10:01	1
4-Chlorotoluene	<0.20		1.0	0.20	ug/L			10/01/13 10:01	1
Benzene	<0.074		0.50	0.074	ug/L			10/01/13 10:01	1
Bromobenzene	<0.25		1.0	0.25	ug/L			10/01/13 10:01	1
Bromochloromethane	<0.40		1.0	0.40	ug/L			10/01/13 10:01	1
Bromodichloromethane	<0.17		1.0	0.17	ug/L			10/01/13 10:01	1
Bromoform	<0.28		1.0	0.28	ug/L			10/01/13 10:01	1
Bromomethane	<0.31		1.0	0.31	ug/L			10/01/13 10:01	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/L			10/01/13 10:01	1
Chlorobenzene	<0.14		1.0	0.14	ug/L			10/01/13 10:01	1
Chloroethane	<0.34		1.0	0.34	ug/L			10/01/13 10:01	1
Chloroform	<0.20		1.0	0.20	ug/L			10/01/13 10:01	1
Chloromethane	<0.18		1.0	0.18	ug/L			10/01/13 10:01	1
cis-1,2-Dichloroethene	<0.12		1.0	0.12	ug/L			10/01/13 10:01	1
cis-1,3-Dichloropropene	<0.18		1.0	0.18	ug/L			10/01/13 10:01	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			10/01/13 10:01	1
Dibromomethane	<0.33		1.0	0.33	ug/L			10/01/13 10:01	1
Dichlorodifluoromethane	<0.20		1.0	0.20	ug/L			10/01/13 10:01	1
Ethylbenzene	<0.13		0.50	0.13	ug/L			10/01/13 10:01	1
Hexachlorobutadiene	<0.26		1.0	0.26	ug/L			10/01/13 10:01	1
Isopropyl ether	<0.15		1.0	0.15	ug/L			10/01/13 10:01	1
Isopropylbenzene	<0.14		1.0	0.14	ug/L			10/01/13 10:01	1
Methyl tert-butyl ether	<0.24		1.0	0.24	ug/L			10/01/13 10:01	1
Methylene Chloride	<0.68		5.0	0.68	ug/L			10/01/13 10:01	1
Naphthalene	<0.16		1.0	0.16	ug/L			10/01/13 10:01	1
n-Butylbenzene	<0.13		1.0	0.13	ug/L			10/01/13 10:01	1
N-Propylbenzene	<0.13		1.0	0.13	ug/L			10/01/13 10:01	1

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

Lab Sample ID: MB 500-204968/6
Matrix: Water
Analysis Batch: 204968

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
p-Isopropyltoluene	<0.17		1.0	0.17	ug/L			10/01/13 10:01	1
sec-Butylbenzene	<0.15		1.0	0.15	ug/L			10/01/13 10:01	1
Styrene	<0.10		1.0	0.10	ug/L			10/01/13 10:01	1
tert-Butylbenzene	<0.14		1.0	0.14	ug/L			10/01/13 10:01	1
Tetrachloroethene	<0.17		1.0	0.17	ug/L			10/01/13 10:01	1
Toluene	<0.11		0.50	0.11	ug/L			10/01/13 10:01	1
trans-1,2-Dichloroethene	<0.25		1.0	0.25	ug/L			10/01/13 10:01	1
trans-1,3-Dichloropropene	<0.21		1.0	0.21	ug/L			10/01/13 10:01	1
Trichloroethene	<0.19		0.50	0.19	ug/L			10/01/13 10:01	1
Trichlorofluoromethane	<0.19		1.0	0.19	ug/L			10/01/13 10:01	1
Vinyl chloride	<0.10		0.50	0.10	ug/L			10/01/13 10:01	1
Xylenes, Total	<0.068		1.0	0.068	ug/L			10/01/13 10:01	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*75 - 125*		*10/01/13 10:01*	*1*
4-Bromofluorobenzene (Surr)	*94*		*75 - 120*		*10/01/13 10:01*	*1*
Dibromofluoromethane	*100*		*75 - 120*		*10/01/13 10:01*	*1*
Toluene-d8 (Surr)	*104*		*75 - 120*		*10/01/13 10:01*	*1*

Lab Sample ID: LCS 500-204968/4
Matrix: Water
Analysis Batch: 204968

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	54.1		ug/L		108	75 - 120
1,1,1-Trichloroethane	50.0	53.9		ug/L		108	70 - 123
1,1,2,2-Tetrachloroethane	50.0	48.1		ug/L		96	70 - 128
1,1,2-Trichloroethane	50.0	50.9		ug/L		102	69 - 120
1,1-Dichloroethane	50.0	49.0		ug/L		98	68 - 121
1,1-Dichloroethene	50.0	49.3		ug/L		99	58 - 122
1,1-Dichloropropene	50.0	49.2		ug/L		98	70 - 120
1,2,3-Trichlorobenzene	50.0	47.3		ug/L		95	56 - 137
1,2,3-Trichloropropane	50.0	52.3		ug/L		105	70 - 120
1,2,4-Trichlorobenzene	50.0	47.3		ug/L		95	65 - 121
1,2,4-Trimethylbenzene	50.0	53.8		ug/L		108	75 - 121
1,2-Dibromo-3-Chloropropane	50.0	48.3		ug/L		97	60 - 121
1,2-Dibromoethane	50.0	49.2		ug/L		98	70 - 120
1,2-Dichlorobenzene	50.0	51.9		ug/L		104	75 - 120
1,2-Dichloroethane	50.0	50.3		ug/L		101	69 - 120
1,2-Dichloropropane	50.0	48.1		ug/L		96	70 - 120
1,3,5-Trimethylbenzene	50.0	53.2		ug/L		106	75 - 123
1,3-Dichlorobenzene	50.0	51.0		ug/L		102	70 - 120
1,3-Dichloropropane	50.0	49.2		ug/L		98	70 - 120
1,4-Dichlorobenzene	50.0	50.6		ug/L		101	75 - 120
2,2-Dichloropropane	50.0	54.1		ug/L		108	67 - 125
2-Chlorotoluene	50.0	51.4		ug/L		103	70 - 120
4-Chlorotoluene	50.0	53.0		ug/L		106	70 - 120
Benzene	50.0	49.8		ug/L		100	70 - 120

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

Lab Sample ID: LCS 500-204968/4
Matrix: Water
Analysis Batch: 204968

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromobenzene	50.0	52.7		ug/L		105	70 - 120
Bromochloromethane	50.0	47.9		ug/L		96	67 - 122
Bromodichloromethane	50.0	52.4		ug/L		105	70 - 120
Bromoform	50.0	52.3		ug/L		105	70 - 125
Bromomethane	50.0	72.3		ug/L		145	50 - 150
Carbon tetrachloride	50.0	52.5		ug/L		105	70 - 125
Chlorobenzene	50.0	49.7		ug/L		99	70 - 120
Chloroethane	50.0	61.9		ug/L		124	50 - 150
Chloroform	50.0	49.4		ug/L		99	70 - 120
Chloromethane	50.0	57.0		ug/L		114	50 - 134
cis-1,2-Dichloroethene	50.0	48.5		ug/L		97	70 - 120
cis-1,3-Dichloropropene	50.0	52.6		ug/L		105	70 - 120
Dibromochloromethane	50.0	51.0		ug/L		102	70 - 120
Dibromomethane	50.0	47.4		ug/L		95	70 - 120
Dichlorodifluoromethane	50.0	64.4		ug/L		129	40 - 140
Ethylbenzene	50.0	52.0		ug/L		104	75 - 120
Hexachlorobutadiene	50.0	53.9		ug/L		108	65 - 135
Isopropylbenzene	50.0	52.9		ug/L		106	70 - 120
Methyl tert-butyl ether	50.0	47.8		ug/L		96	58 - 122
Methylene Chloride	50.0	46.6		ug/L		93	65 - 125
Naphthalene	50.0	45.4		ug/L		91	55 - 132
n-Butylbenzene	50.0	52.0		ug/L		104	75 - 120
N-Propylbenzene	50.0	52.5		ug/L		105	70 - 120
p-Isopropyltoluene	50.0	53.4		ug/L		107	70 - 120
sec-Butylbenzene	50.0	53.4		ug/L		107	70 - 120
Styrene	50.0	53.2		ug/L		106	75 - 120
tert-Butylbenzene	50.0	54.2		ug/L		108	70 - 120
Tetrachloroethene	50.0	50.8		ug/L		102	70 - 123
Toluene	50.0	49.8		ug/L		100	70 - 120
trans-1,2-Dichloroethene	50.0	49.6		ug/L		99	70 - 124
trans-1,3-Dichloropropene	50.0	50.9		ug/L		102	70 - 120
Trichloroethene	50.0	50.0		ug/L		100	70 - 120
Trichlorofluoromethane	50.0	58.8		ug/L		118	63 - 134
Vinyl chloride	50.0	56.1		ug/L		112	62 - 138
Xylenes, Total	100	105		ug/L		105	70 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*75 - 125*
4-Bromofluorobenzene (Surr)	*99*		*75 - 120*
Dibromofluoromethane	*100*		*75 - 120*
Toluene-d8 (Surr)	*102*		*75 - 120*

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

Lab Sample ID: MB 500-204483/1-A
Matrix: Water
Analysis Batch: 204837

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 204483

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.40		0.80	0.40	ug/L		09/26/13 20:49	09/30/13 13:00	1
2-Methylnaphthalene	<0.067		0.40	0.067	ug/L		09/26/13 20:49	09/30/13 13:00	1
Acenaphthene	<0.099		0.80	0.099	ug/L		09/26/13 20:49	09/30/13 13:00	1
Acenaphthylene	<0.11		0.80	0.11	ug/L		09/26/13 20:49	09/30/13 13:00	1
Anthracene	<0.15		0.80	0.15	ug/L		09/26/13 20:49	09/30/13 13:00	1
Benzo[a]anthracene	<0.052		0.16	0.052	ug/L		09/26/13 20:49	09/30/13 13:00	1
Benzo[a]pyrene	<0.061		0.16	0.061	ug/L		09/26/13 20:49	09/30/13 13:00	1
Benzo[b]fluoranthene	<0.065		0.16	0.065	ug/L		09/26/13 20:49	09/30/13 13:00	1
Benzo[g,h,i]perylene	<0.39		0.80	0.39	ug/L		09/26/13 20:49	09/30/13 13:00	1
Benzo[k]fluoranthene	<0.14		0.16	0.14	ug/L		09/26/13 20:49	09/30/13 13:00	1
Chrysene	<0.075		0.40	0.075	ug/L		09/26/13 20:49	09/30/13 13:00	1
Dibenz(a,h)anthracene	<0.091		0.24	0.091	ug/L		09/26/13 20:49	09/30/13 13:00	1
Fluoranthene	<0.16		0.80	0.16	ug/L		09/26/13 20:49	09/30/13 13:00	1
Fluorene	<0.13		0.80	0.13	ug/L		09/26/13 20:49	09/30/13 13:00	1
Indeno[1,2,3-cd]pyrene	<0.061		0.16	0.061	ug/L		09/26/13 20:49	09/30/13 13:00	1
Naphthalene	<0.12		0.80	0.12	ug/L		09/26/13 20:49	09/30/13 13:00	1
Phenanthrene	<0.17		0.80	0.17	ug/L		09/26/13 20:49	09/30/13 13:00	1
Pyrene	<0.18		0.80	0.18	ug/L		09/26/13 20:49	09/30/13 13:00	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*86*		*41 - 132*	*09/26/13 20:49*	*09/30/13 13:00*	*1*
Nitrobenzene-d5 (Surr)	*91*		*47 - 134*	*09/26/13 20:49*	*09/30/13 13:00*	*1*
Terphenyl-d14 (Surr)	*111*		*59 - 150*	*09/26/13 20:49*	*09/30/13 13:00*	*1*

Lab Sample ID: LCS 500-204483/2-A
Matrix: Water
Analysis Batch: 204837

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 204483

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Methylnaphthalene	32.0	19.7		ug/L		62	42 - 110
Acenaphthene	32.0	21.5		ug/L		67	44 - 110
Acenaphthylene	32.0	20.7		ug/L		65	48 - 114
Anthracene	32.0	27.1		ug/L		85	58 - 127
Benzo[a]anthracene	32.0	27.9		ug/L		87	64 - 119
Benzo[a]pyrene	32.0	28.9		ug/L		90	70 - 119
Benzo[b]fluoranthene	32.0	30.8		ug/L		96	68 - 130
Benzo[g,h,i]perylene	32.0	34.8		ug/L		109	48 - 140
Benzo[k]fluoranthene	32.0	28.6		ug/L		89	60 - 133
Chrysene	32.0	26.0		ug/L		81	57 - 122
Dibenz(a,h)anthracene	32.0	33.0		ug/L		103	59 - 132
Fluoranthene	32.0	28.1		ug/L		88	57 - 135
Fluorene	32.0	25.7		ug/L		80	50 - 121
Indeno[1,2,3-cd]pyrene	32.0	33.8		ug/L		106	58 - 138
Naphthalene	32.0	19.2		ug/L		60	38 - 110
Phenanthrene	32.0	26.4		ug/L		82	56 - 131
Pyrene	32.0	26.9		ug/L		84	67 - 116

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

Lab Sample ID: LCS 500-204483/2-A
Matrix: Water
Analysis Batch: 204837

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 204483

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorobiphenyl	75		41 - 132
Nitrobenzene-d5 (Surr)	73		47 - 134
Terphenyl-d14 (Surr)	97		59 - 150

Lab Sample ID: LCSD 500-204483/3-A
Matrix: Water
Analysis Batch: 204837

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 204483

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2-Methylnaphthalene			32.0	21.8		ug/L		68	42 - 110	10	20
Acenaphthene			32.0	22.8		ug/L		71	44 - 110	6	20
Acenaphthylene			32.0	21.6		ug/L		67	48 - 114	4	20
Anthracene			32.0	27.3		ug/L		85	58 - 127	0	20
Benzo[a]anthracene			32.0	27.6		ug/L		86	64 - 119	1	20
Benzo[a]pyrene			32.0	28.8		ug/L		90	70 - 119	0	20
Benzo[b]fluoranthene			32.0	30.1		ug/L		94	68 - 130	2	20
Benzo[g,h,i]perylene			32.0	34.0		ug/L		106	48 - 140	2	20
Benzo[k]fluoranthene			32.0	28.8		ug/L		90	60 - 133	1	20
Chrysene			32.0	25.9		ug/L		81	57 - 122	0	20
Dibenz(a,h)anthracene			32.0	32.7		ug/L		102	59 - 132	1	20
Fluoranthene			32.0	28.3		ug/L		88	57 - 135	0	20
Fluorene			32.0	26.2		ug/L		82	50 - 121	2	20
Indeno[1,2,3-cd]pyrene			32.0	33.5		ug/L		105	58 - 138	1	20
Naphthalene			32.0	21.5		ug/L		67	38 - 110	11	20
Phenanthrene			32.0	26.2		ug/L		82	56 - 131	1	20
Pyrene			32.0	26.6		ug/L		83	67 - 116	1	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
2-Fluorobiphenyl	83		41 - 132
Nitrobenzene-d5 (Surr)	82		47 - 134
Terphenyl-d14 (Surr)	95		59 - 150

Lab Chronicle

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek

TestAmerica Job ID: 500-63756-1

Client Sample ID: MW-101

Lab Sample ID: 500-63756-1

Date Collected: 09/23/13 14:30

Matrix: Water

Date Received: 09/26/13 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	204968	10/01/13 13:11	BDA	TAL CHI
Total/NA	Prep	3510C			204483	09/26/13 20:49	JP1	TAL CHI
Total/NA	Analysis	8270D		1	204837	09/30/13 17:06	PMF	TAL CHI

Client Sample ID: Trip Blank

Lab Sample ID: 500-63756-2

Date Collected: 09/23/13 00:00

Matrix: Water

Date Received: 09/26/13 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	204968	10/01/13 13:40	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

TestAmerica Job ID: 500-63756-1

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	10-30-13 *
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

THE LEADER IN ENVIRONMENTAL

2417 Bond Street, University Park, IL 60
Phone: 708.534.5200 Fax: 708.534

500-63756 COC

Chain of Custody Record

Lab Job #: 500-63256

Chain of Custody Number:

Page _____ of _____

Temperature °C of Cooler: 2.1

Report To (optional)		Bill To (optional)	
Contact:	Mike Noel	Contact:	
Company:	Tetra Tech	Company:	
Address:	175 N. Corporate Dr Suite 100	Address:	
Address:	Brookfield, WI 53045	Address:	
Phone:	(262) 792-1282	Phone:	
Fax:	(262) 792-1310	Fax:	
E-Mail:		PO#/Reference#	

Client	Tetra Tech
Project Name	Beazer - Oak Creek
Project Location/State	Oak Creek, WI
Sampler	Ashley A. Weimer
Client Project #	
Lab Project #	
Lab PM	

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

Lab ID	MS/MSD	Sample ID	Sampling Date	Sampling Time	# of Containers	Matrix	Preservative	Parameter: VOCs 8260B	Parameter: PAH	Comments
1		MW-101	9-23	1430	5	GW	3	2		
2		TRIP BLANK	—	—	1		1			Lab prepared

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 [X] 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
1	Ashley A. Weimer	TT	9-25-13	1700	Sheri Scott	TA-CHI	9/26/13	0940
2								
3								

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:

Login Sample Receipt Checklist

Client: Tetra Tech GEO

Job Number: 500-63756-1

Login Number: 63756

List Source: TestAmerica Chicago

List Number: 1

Creator: Scott, Sherri L

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	2.1
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

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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: 500-64332-1
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:
10/17/2013 9:06:17 AM
Bonnie Stadelmann, Project Manager II
bonnie.stadelmann@testamericainc.com

Designee for

Sandie Fredrick, Project Manager I
(920)261-1660
sandie.fredrick@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

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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Job ID: 500-64332-1

Laboratory: TestAmerica Chicago

Narrative

Job Narrative
500-64332-1

Comments
No additional comments.

Receipt
The samples were received on 10/4/2013 8:50 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.3º C.

Except:

Received 1 VOA vial broken for sample 3

GC/MS VOA
Method(s) 8260B: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW- 125 (500-64332-1), MW-122 (500-64332-3), MW-123 (500-64332-2). 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 due to the abundance of target and non-target analytes: MW- 125 (500-64332-1), MW-122 (500-64332-3), MW-123 (500-64332-2). Elevated reporting limits (RLs) are provided.

Method(s) 8270D: The method blank for preparation batch 206040 contained Naphthalene above the reporting limit (RL). The associated samples contained detects for this analyte at concentrations greater than 10X the value found in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.MW- 125 (500-64332-1), MW-123 (500-64332-2)

Method(s) 8270D: Due to the level of dilution required for the following samples(500-64332-1DL; -2DL; and -3DL), surrogate recoveries are not reported: MW- 125 (500-64332-1), MW-122 (500-64332-3), MW-123 (500-64332-2).

Method(s) 8270D: MB 500-206040/1-A had Terphenyl-d14 at 163% (44%-132%). All other surrogates were within limits. No further action was required.MW- 125 (500-64332-1), MW-123 (500-64332-2)

Method(s) 8270D: 500-64332-2 had Nitrobenzene-d5 at 147% (41%-110%). The other surrogates werre within limits. No further action was required.MW-123 (500-64332-2)

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: Beazer Oak Creek - 117-2201313.03

TestAmerica Job ID: 500-64332-1

Client Sample ID: MW- 125 — Lab Sample ID: 500-64332-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	180		10	1.4	ug/L	10		8260B	Total/NA
1,3,5-Trimethylbenzene	97		10	1.8	ug/L	10		8260B	Total/NA
Benzene	460		5.0	0.74	ug/L	10		8260B	Total/NA
Ethylbenzene	190		5.0	1.3	ug/L	10		8260B	Total/NA
Isopropylbenzene	9.7	J	10	1.4	ug/L	10		8260B	Total/NA
Toluene	620		5.0	1.1	ug/L	10		8260B	Total/NA
Xylenes, Total	1100		10	0.68	ug/L	10		8260B	Total/NA
Naphthalene - DL	16000		100	16	ug/L	100		8260B	Total/NA
1-Methylnaphthalene	470		10	10	ug/L	10		8270D	Total/NA
Acenaphthene	220		10	3.8	ug/L	10		8270D	Total/NA
Acenaphthylene	49		10	3.3	ug/L	10		8270D	Total/NA
Anthracene	13		10	3.3	ug/L	10		8270D	Total/NA
Benzo[a]anthracene	5.0		2.1	0.46	ug/L	10		8270D	Total/NA
Benzo[a]pyrene	2.8		2.1	0.59	ug/L	10		8270D	Total/NA
Benzo[b]fluoranthene	3.4		2.1	0.61	ug/L	10		8270D	Total/NA
Benzo[k]fluoranthene	1.6	J	2.1	0.77	ug/L	10		8270D	Total/NA
Chrysene	4.2	J	5.2	1.5	ug/L	10		8270D	Total/NA
Fluoranthene	19		10	3.3	ug/L	10		8270D	Total/NA
Fluorene	110		10	4.0	ug/L	10		8270D	Total/NA
Indeno[1,2,3-cd]pyrene	1.5	J	2.1	0.88	ug/L	10		8270D	Total/NA
Phenanthrene	100		10	3.7	ug/L	10		8270D	Total/NA
Pyrene	16		10	5.0	ug/L	10		8270D	Total/NA
2-Methylnaphthalene - DL	680		100	27	ug/L	200		8270D	Total/NA
Naphthalene - DL	7500	B	210	63	ug/L	200		8270D	Total/NA

Client Sample ID: MW-123 — Lab Sample ID: 500-64332-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	430		10	1.4	ug/L	10		8260B	Total/NA
1,3,5-Trimethylbenzene	240		10	1.8	ug/L	10		8260B	Total/NA
Benzene	760		5.0	0.74	ug/L	10		8260B	Total/NA
Ethylbenzene	250		5.0	1.3	ug/L	10		8260B	Total/NA
Isopropylbenzene	34		10	1.4	ug/L	10		8260B	Total/NA
N-Propylbenzene	18		10	1.3	ug/L	10		8260B	Total/NA
Toluene	700		5.0	1.1	ug/L	10		8260B	Total/NA
Xylenes, Total	1000		10	0.68	ug/L	10		8260B	Total/NA
Naphthalene - DL	17000		500	80	ug/L	500		8260B	Total/NA
Acenaphthene	450		9.6	3.5	ug/L	10		8270D	Total/NA
Acenaphthylene	31		9.6	3.1	ug/L	10		8270D	Total/NA
Anthracene	49		9.6	3.1	ug/L	10		8270D	Total/NA
Benzo[a]anthracene	30		1.9	0.42	ug/L	10		8270D	Total/NA
Benzo[a]pyrene	20		1.9	0.54	ug/L	10		8270D	Total/NA
Benzo[b]fluoranthene	23		1.9	0.56	ug/L	10		8270D	Total/NA
Benzo[g,h,i]perylene	10		9.6	4.0	ug/L	10		8270D	Total/NA
Benzo[k]fluoranthene	17		1.9	0.71	ug/L	10		8270D	Total/NA
Chrysene	29		4.8	1.3	ug/L	10		8270D	Total/NA
Dibenz(a,h)anthracene	3.8		2.9	0.62	ug/L	10		8270D	Total/NA
Fluoranthene	96		9.6	3.1	ug/L	10		8270D	Total/NA
Fluorene	250		9.6	3.7	ug/L	10		8270D	Total/NA
Indeno[1,2,3-cd]pyrene	9.0		1.9	0.81	ug/L	10		8270D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-123 (Continued) — Lab Sample ID: 500-64332-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Phenanthrene	330		9.6	3.4	ug/L	10		8270D	Total/NA
Pyrene	74		9.6	4.6	ug/L	10		8270D	Total/NA
1-Methylnaphthalene - DL	1000		480	480	ug/L	500		8270D	Total/NA
2-Methylnaphthalene - DL	2000		240	63	ug/L	500		8270D	Total/NA
Naphthalene - DL	21000	B	480	140	ug/L	500		8270D	Total/NA

Client Sample ID: MW-122 — Lab Sample ID: 500-64332-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	91		10	1.4	ug/L	10		8260B	Total/NA
1,3,5-Trimethylbenzene	38		10	1.8	ug/L	10		8260B	Total/NA
Benzene	36		5.0	0.74	ug/L	10		8260B	Total/NA
Ethylbenzene	200		5.0	1.3	ug/L	10		8260B	Total/NA
Isopropylbenzene	30		10	1.4	ug/L	10		8260B	Total/NA
Toluene	22		5.0	1.1	ug/L	10		8260B	Total/NA
Xylenes, Total	260		10	0.68	ug/L	10		8260B	Total/NA
Naphthalene - DL	16000		100	16	ug/L	100		8260B	Total/NA
1-Methylnaphthalene	340		7.7	3.8	ug/L	10		8270D	Total/NA
Acenaphthene	200		7.7	0.95	ug/L	10		8270D	Total/NA
Anthracene	13		7.7	1.4	ug/L	10		8270D	Total/NA
Fluoranthene	9.7		7.7	1.6	ug/L	10		8270D	Total/NA
Fluorene	80		7.7	1.3	ug/L	10		8270D	Total/NA
Phenanthrene	67		7.7	1.6	ug/L	10		8270D	Total/NA
Pyrene	5.9	J	7.7	1.7	ug/L	10		8270D	Total/NA
2-Methylnaphthalene - DL	320		77	13	ug/L	200		8270D	Total/NA
Naphthalene - DL	8100		150	24	ug/L	200		8270D	Total/NA

Client Sample ID: Trip Blank — Lab Sample ID: 500-64332-4

No Detections.

This Detection Summary does not include radiochemical test results.

Method Summary

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201313.03

TestAmerica Job ID: 500-64332-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL CHI
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL CHI

Protocol References:

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: 500-64332-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-64332-1	MW- 125	Ground Water	10/03/13 08:10	10/04/13 08:50
500-64332-2	MW-123	Ground Water	10/03/13 08:30	10/04/13 08:50
500-64332-3	MW-122	Ground Water	10/03/13 09:00	10/04/13 08:50
500-64332-4	Trip Blank	Water	10/03/13 00:00	10/04/13 08:50

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201313.03

TestAmerica Job ID: 500-64332-1

Client Sample ID: MW- 125
Date Collected: 10/03/13 08:10
Date Received: 10/04/13 08:50

Lab Sample ID: 500-64332-1
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<2.5		10	2.5	ug/L			10/09/13 17:21	10
1,1,1-Trichloroethane	<2.0		10	2.0	ug/L			10/09/13 17:21	10
1,1,2,2-Tetrachloroethane	<2.3		10	2.3	ug/L			10/09/13 17:21	10
1,1,2-Trichloroethane	<2.8		10	2.8	ug/L			10/09/13 17:21	10
1,1-Dichloroethane	<1.9		10	1.9	ug/L			10/09/13 17:21	10
1,1-Dichloroethene	<3.1		10	3.1	ug/L			10/09/13 17:21	10
1,1-Dichloropropene	<3.4		10	3.4	ug/L			10/09/13 17:21	10
1,2,3-Trichlorobenzene	<2.4		10	2.4	ug/L			10/09/13 17:21	10
1,2,3-Trichloropropane	<4.5		10	4.5	ug/L			10/09/13 17:21	10
1,2,4-Trichlorobenzene	<3.1		10	3.1	ug/L			10/09/13 17:21	10
1,2,4-Trimethylbenzene	**180**		10	1.4	ug/L			10/09/13 17:21	10
1,2-Dibromo-3-Chloropropane	<8.7		20	8.7	ug/L			10/09/13 17:21	10
1,2-Dibromoethane	<3.6		10	3.6	ug/L			10/09/13 17:21	10
1,2-Dichlorobenzene	<2.7		10	2.7	ug/L			10/09/13 17:21	10
1,2-Dichloroethane	<2.8		10	2.8	ug/L			10/09/13 17:21	10
1,2-Dichloropropane	<2.0		10	2.0	ug/L			10/09/13 17:21	10
1,3,5-Trimethylbenzene	**97**		10	1.8	ug/L			10/09/13 17:21	10
1,3-Dichlorobenzene	<1.5		10	1.5	ug/L			10/09/13 17:21	10
1,3-Dichloropropane	<1.3		10	1.3	ug/L			10/09/13 17:21	10
1,4-Dichlorobenzene	<1.5		10	1.5	ug/L			10/09/13 17:21	10
2,2-Dichloropropane	<3.2		10	3.2	ug/L			10/09/13 17:21	10
2-Chlorotoluene	<2.1		10	2.1	ug/L			10/09/13 17:21	10
4-Chlorotoluene	<2.0		10	2.0	ug/L			10/09/13 17:21	10
Benzene	**460**		5.0	0.74	ug/L			10/09/13 17:21	10
Bromobenzene	<2.5		10	2.5	ug/L			10/09/13 17:21	10
Bromochloromethane	<4.0		10	4.0	ug/L			10/09/13 17:21	10
Bromodichloromethane	<1.7		10	1.7	ug/L			10/09/13 17:21	10
Bromoform	<2.8		10	2.8	ug/L			10/09/13 17:21	10
Bromomethane	<3.1		10	3.1	ug/L			10/09/13 17:21	10
Carbon tetrachloride	<2.6		10	2.6	ug/L			10/09/13 17:21	10
Chlorobenzene	<1.4		10	1.4	ug/L			10/09/13 17:21	10
Chloroethane	<3.4		10	3.4	ug/L			10/09/13 17:21	10
Chloroform	<2.0		10	2.0	ug/L			10/09/13 17:21	10
Chloromethane	<1.8		10	1.8	ug/L			10/09/13 17:21	10
cis-1,2-Dichloroethene	<1.2		10	1.2	ug/L			10/09/13 17:21	10
cis-1,3-Dichloropropene	<1.8		10	1.8	ug/L			10/09/13 17:21	10
Dibromochloromethane	<3.2		10	3.2	ug/L			10/09/13 17:21	10
Dibromomethane	<3.3		10	3.3	ug/L			10/09/13 17:21	10
Dichlorodifluoromethane	<2.0		10	2.0	ug/L			10/09/13 17:21	10
Ethylbenzene	**190**		5.0	1.3	ug/L			10/09/13 17:21	10
Hexachlorobutadiene	<2.6		10	2.6	ug/L			10/09/13 17:21	10
Isopropyl ether	<1.5		10	1.5	ug/L			10/09/13 17:21	10
Isopropylbenzene	**9.7**	**J**	10	1.4	ug/L			10/09/13 17:21	10
Methyl tert-butyl ether	<2.4		10	2.4	ug/L			10/09/13 17:21	10
Methylene Chloride	<6.8		50	6.8	ug/L			10/09/13 17:21	10
n-Butylbenzene	<1.3		10	1.3	ug/L			10/09/13 17:21	10
N-Propylbenzene	<1.3		10	1.3	ug/L			10/09/13 17:21	10
p-Isopropyltoluene	<1.7		10	1.7	ug/L			10/09/13 17:21	10
sec-Butylbenzene	<1.5		10	1.5	ug/L			10/09/13 17:21	10

Client Sample ID: MW- 125
Date Collected: 10/03/13 08:10
Date Received: 10/04/13 08:50

Lab Sample ID: 500-64332-1
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	<1.0		10	1.0	ug/L			10/09/13 17:21	10
tert-Butylbenzene	<1.4		10	1.4	ug/L			10/09/13 17:21	10
Tetrachloroethene	<1.7		10	1.7	ug/L			10/09/13 17:21	10
Toluene	**620**		5.0	1.1	ug/L			10/09/13 17:21	10
trans-1,2-Dichloroethene	<2.5		10	2.5	ug/L			10/09/13 17:21	10
trans-1,3-Dichloropropene	<2.1		10	2.1	ug/L			10/09/13 17:21	10
Trichloroethene	<1.9		5.0	1.9	ug/L			10/09/13 17:21	10
Trichlorofluoromethane	<1.9		10	1.9	ug/L			10/09/13 17:21	10
Vinyl chloride	<1.0		5.0	1.0	ug/L			10/09/13 17:21	10
Xylenes, Total	**1100**		10	0.68	ug/L			10/09/13 17:21	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*75 - 125*		*10/09/13 17:21*	*10*
4-Bromofluorobenzene (Surr)	*91*		*75 - 120*		*10/09/13 17:21*	*10*
Dibromofluoromethane	*100*		*75 - 120*		*10/09/13 17:21*	*10*
Toluene-d8 (Surr)	*93*		*75 - 120*		*10/09/13 17:21*	*10*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	**16000**		100	16	ug/L			10/09/13 17:45	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*75 - 125*		*10/09/13 17:45*	*100*
4-Bromofluorobenzene (Surr)	*95*		*75 - 120*		*10/09/13 17:45*	*100*
Dibromofluoromethane	*100*		*75 - 120*		*10/09/13 17:45*	*100*
Toluene-d8 (Surr)	*91*		*75 - 120*		*10/09/13 17:45*	*100*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**470**		10	10	ug/L		10/08/13 08:16	10/10/13 16:01	10
Acenaphthene	**220**		10	3.8	ug/L		10/08/13 08:16	10/10/13 16:01	10
Acenaphthylene	**49**		10	3.3	ug/L		10/08/13 08:16	10/10/13 16:01	10
Anthracene	**13**		10	3.3	ug/L		10/08/13 08:16	10/10/13 16:01	10
Benzo[a]anthracene	**5.0**		2.1	0.46	ug/L		10/08/13 08:16	10/10/13 16:01	10
Benzo[a]pyrene	**2.8**		2.1	0.59	ug/L		10/08/13 08:16	10/10/13 16:01	10
Benzo[b]fluoranthene	**3.4**		2.1	0.61	ug/L		10/08/13 08:16	10/10/13 16:01	10
Benzo[g,h,i]perylene	<4.4		10	4.4	ug/L		10/08/13 08:16	10/10/13 16:01	10
Benzo[k]fluoranthene	**1.6**	**J**	2.1	0.77	ug/L		10/08/13 08:16	10/10/13 16:01	10
Chrysene	**4.2**	**J**	5.2	1.5	ug/L		10/08/13 08:16	10/10/13 16:01	10
Dibenz(a,h)anthracene	<0.67		3.1	0.67	ug/L		10/08/13 08:16	10/10/13 16:01	10
Fluoranthene	**19**		10	3.3	ug/L		10/08/13 08:16	10/10/13 16:01	10
Fluorene	**110**		10	4.0	ug/L		10/08/13 08:16	10/10/13 16:01	10
Indeno[1,2,3-cd]pyrene	**1.5**	**J**	2.1	0.88	ug/L		10/08/13 08:16	10/10/13 16:01	10
Phenanthrene	**100**		10	3.7	ug/L		10/08/13 08:16	10/10/13 16:01	10
Pyrene	**16**		10	5.0	ug/L		10/08/13 08:16	10/10/13 16:01	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*102*		*41 - 110*	*10/08/13 08:16*	*10/10/13 16:01*	*10*
Terphenyl-d14 (Surr)	*86*		*44 - 132*	*10/08/13 08:16*	*10/10/13 16:01*	*10*
2-Fluorobiphenyl	*86*		*48 - 110*	*10/08/13 08:16*	*10/10/13 16:01*	*10*

Client Sample ID: MW- 125

Lab Sample ID: 500-64332-1

Date Collected: 10/03/13 08:10

Matrix: Ground Water

Date Received: 10/04/13 08:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	**680**		100	27	ug/L		10/08/13 08:16	10/11/13 14:29	200
Naphthalene	**7500**	**B**	210	63	ug/L		10/08/13 08:16	10/11/13 14:29	200

Client Sample ID: MW-123

Lab Sample ID: 500-64332-2

Date Collected: 10/03/13 08:30

Matrix: Ground Water

Date Received: 10/04/13 08:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<2.5		10	2.5	ug/L			10/09/13 18:09	10
1,1,1-Trichloroethane	<2.0		10	2.0	ug/L			10/09/13 18:09	10
1,1,2,2-Tetrachloroethane	<2.3		10	2.3	ug/L			10/09/13 18:09	10
1,1,2-Trichloroethane	<2.8		10	2.8	ug/L			10/09/13 18:09	10
1,1-Dichloroethane	<1.9		10	1.9	ug/L			10/09/13 18:09	10
1,1-Dichloroethene	<3.1		10	3.1	ug/L			10/09/13 18:09	10
1,1-Dichloropropene	<3.4		10	3.4	ug/L			10/09/13 18:09	10
1,2,3-Trichlorobenzene	<2.4		10	2.4	ug/L			10/09/13 18:09	10
1,2,3-Trichloropropane	<4.5		10	4.5	ug/L			10/09/13 18:09	10
1,2,4-Trichlorobenzene	<3.1		10	3.1	ug/L			10/09/13 18:09	10
1,2,4-Trimethylbenzene	**430**		10	1.4	ug/L			10/09/13 18:09	10
1,2-Dibromo-3-Chloropropane	<8.7		20	8.7	ug/L			10/09/13 18:09	10
1,2-Dibromoethane	<3.6		10	3.6	ug/L			10/09/13 18:09	10
1,2-Dichlorobenzene	<2.7		10	2.7	ug/L			10/09/13 18:09	10
1,2-Dichloroethane	<2.8		10	2.8	ug/L			10/09/13 18:09	10
1,2-Dichloropropane	<2.0		10	2.0	ug/L			10/09/13 18:09	10
1,3,5-Trimethylbenzene	**240**		10	1.8	ug/L			10/09/13 18:09	10
1,3-Dichlorobenzene	<1.5		10	1.5	ug/L			10/09/13 18:09	10
1,3-Dichloropropane	<1.3		10	1.3	ug/L			10/09/13 18:09	10
1,4-Dichlorobenzene	<1.5		10	1.5	ug/L			10/09/13 18:09	10
2,2-Dichloropropane	<3.2		10	3.2	ug/L			10/09/13 18:09	10
2-Chlorotoluene	<2.1		10	2.1	ug/L			10/09/13 18:09	10
4-Chlorotoluene	<2.0		10	2.0	ug/L			10/09/13 18:09	10
Benzene	**760**		5.0	0.74	ug/L			10/09/13 18:09	10
Bromobenzene	<2.5		10	2.5	ug/L			10/09/13 18:09	10
Bromochloromethane	<4.0		10	4.0	ug/L			10/09/13 18:09	10
Bromodichloromethane	<1.7		10	1.7	ug/L			10/09/13 18:09	10
Bromoform	<2.8		10	2.8	ug/L			10/09/13 18:09	10
Bromomethane	<3.1		10	3.1	ug/L			10/09/13 18:09	10
Carbon tetrachloride	<2.6		10	2.6	ug/L			10/09/13 18:09	10
Chlorobenzene	<1.4		10	1.4	ug/L			10/09/13 18:09	10
Chloroethane	<3.4		10	3.4	ug/L			10/09/13 18:09	10
Chloroform	<2.0		10	2.0	ug/L			10/09/13 18:09	10
Chloromethane	<1.8		10	1.8	ug/L			10/09/13 18:09	10
cis-1,2-Dichloroethene	<1.2		10	1.2	ug/L			10/09/13 18:09	10
cis-1,3-Dichloropropene	<1.8		10	1.8	ug/L			10/09/13 18:09	10
Dibromochloromethane	<3.2		10	3.2	ug/L			10/09/13 18:09	10
Dibromomethane	<3.3		10	3.3	ug/L			10/09/13 18:09	10
Dichlorodifluoromethane	<2.0		10	2.0	ug/L			10/09/13 18:09	10
Ethylbenzene	**250**		5.0	1.3	ug/L			10/09/13 18:09	10
Hexachlorobutadiene	<2.6		10	2.6	ug/L			10/09/13 18:09	10

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201313.03

TestAmerica Job ID: 500-64332-1

Client Sample ID: MW-123
Date Collected: 10/03/13 08:30
Date Received: 10/04/13 08:50

Lab Sample ID: 500-64332-2
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropyl ether	<1.5		10	1.5	ug/L			10/09/13 18:09	10
Isopropylbenzene	**34**		10	1.4	ug/L			10/09/13 18:09	10
Methyl tert-butyl ether	<2.4		10	2.4	ug/L			10/09/13 18:09	10
Methylene Chloride	<6.8		50	6.8	ug/L			10/09/13 18:09	10
n-Butylbenzene	<1.3		10	1.3	ug/L			10/09/13 18:09	10
N-Propylbenzene	**18**		10	1.3	ug/L			10/09/13 18:09	10
p-Isopropyltoluene	<1.7		10	1.7	ug/L			10/09/13 18:09	10
sec-Butylbenzene	<1.5		10	1.5	ug/L			10/09/13 18:09	10
Styrene	<1.0		10	1.0	ug/L			10/09/13 18:09	10
tert-Butylbenzene	<1.4		10	1.4	ug/L			10/09/13 18:09	10
Tetrachloroethene	<1.7		10	1.7	ug/L			10/09/13 18:09	10
Toluene	**700**		5.0	1.1	ug/L			10/09/13 18:09	10
trans-1,2-Dichloroethene	<2.5		10	2.5	ug/L			10/09/13 18:09	10
trans-1,3-Dichloropropene	<2.1		10	2.1	ug/L			10/09/13 18:09	10
Trichloroethene	<1.9		5.0	1.9	ug/L			10/09/13 18:09	10
Trichlorofluoromethane	<1.9		10	1.9	ug/L			10/09/13 18:09	10
Vinyl chloride	<1.0		5.0	1.0	ug/L			10/09/13 18:09	10
Xylenes, Total	**1000**		10	0.68	ug/L			10/09/13 18:09	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*75 - 125*		*10/09/13 18:09*	*10*
4-Bromofluorobenzene (Surr)	*91*		*75 - 120*		*10/09/13 18:09*	*10*
Dibromofluoromethane	*100*		*75 - 120*		*10/09/13 18:09*	*10*
Toluene-d8 (Surr)	*93*		*75 - 120*		*10/09/13 18:09*	*10*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	**17000**		500	80	ug/L			10/10/13 20:00	500

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*75 - 125*		*10/10/13 20:00*	*500*
4-Bromofluorobenzene (Surr)	*97*		*75 - 120*		*10/10/13 20:00*	*500*
Dibromofluoromethane	*103*		*75 - 120*		*10/10/13 20:00*	*500*
Toluene-d8 (Surr)	*94*		*75 - 120*		*10/10/13 20:00*	*500*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**450**		9.6	3.5	ug/L		10/08/13 08:16	10/10/13 16:19	10
Acenaphthylene	**31**		9.6	3.1	ug/L		10/08/13 08:16	10/10/13 16:19	10
Anthracene	**49**		9.6	3.1	ug/L		10/08/13 08:16	10/10/13 16:19	10
Benzo[a]anthracene	**30**		1.9	0.42	ug/L		10/08/13 08:16	10/10/13 16:19	10
Benzo[a]pyrene	**20**		1.9	0.54	ug/L		10/08/13 08:16	10/10/13 16:19	10
Benzo[b]fluoranthene	**23**		1.9	0.56	ug/L		10/08/13 08:16	10/10/13 16:19	10
Benzo[g,h,i]perylene	**10**		9.6	4.0	ug/L		10/08/13 08:16	10/10/13 16:19	10
Benzo[k]fluoranthene	**17**		1.9	0.71	ug/L		10/08/13 08:16	10/10/13 16:19	10
Chrysene	**29**		4.8	1.3	ug/L		10/08/13 08:16	10/10/13 16:19	10
Dibenz(a,h)anthracene	**3.8**		2.9	0.62	ug/L		10/08/13 08:16	10/10/13 16:19	10
Fluoranthene	**96**		9.6	3.1	ug/L		10/08/13 08:16	10/10/13 16:19	10
Fluorene	**250**		9.6	3.7	ug/L		10/08/13 08:16	10/10/13 16:19	10
Indeno[1,2,3-cd]pyrene	**9.0**		1.9	0.81	ug/L		10/08/13 08:16	10/10/13 16:19	10

Client Sample ID: MW-123

Date Collected: 10/03/13 08:30
Date Received: 10/04/13 08:50

Lab Sample ID: 500-64332-2
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	330		9.6	3.4	ug/L		10/08/13 08:16	10/10/13 16:19	10
Pyrene	74		9.6	4.6	ug/L		10/08/13 08:16	10/10/13 16:19	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*147*	*X*	*41 - 110*	*10/08/13 08:16*	*10/10/13 16:19*	*10*
Terphenyl-d14 (Surr)	*85*		*44 - 132*	*10/08/13 08:16*	*10/10/13 16:19*	*10*
2-Fluorobiphenyl	*79*		*48 - 110*	*10/08/13 08:16*	*10/10/13 16:19*	*10*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	1000		480	480	ug/L		10/08/13 08:16	10/11/13 14:53	500
2-Methylnaphthalene	2000		240	63	ug/L		10/08/13 08:16	10/11/13 14:53	500
Naphthalene	21000	B	480	140	ug/L		10/08/13 08:16	10/11/13 14:53	500

Client Sample ID: MW-122

Date Collected: 10/03/13 09:00
Date Received: 10/04/13 08:50

Lab Sample ID: 500-64332-3
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<2.5		10	2.5	ug/L			10/09/13 18:59	10
1,1,1-Trichloroethane	<2.0		10	2.0	ug/L			10/09/13 18:59	10
1,1,2,2-Tetrachloroethane	<2.3		10	2.3	ug/L			10/09/13 18:59	10
1,1,2-Trichloroethane	<2.8		10	2.8	ug/L			10/09/13 18:59	10
1,1-Dichloroethane	<1.9		10	1.9	ug/L			10/09/13 18:59	10
1,1-Dichloroethene	<3.1		10	3.1	ug/L			10/09/13 18:59	10
1,1-Dichloropropene	<3.4		10	3.4	ug/L			10/09/13 18:59	10
1,2,3-Trichlorobenzene	<2.4		10	2.4	ug/L			10/09/13 18:59	10
1,2,3-Trichloropropane	<4.5		10	4.5	ug/L			10/09/13 18:59	10
1,2,4-Trichlorobenzene	<3.1		10	3.1	ug/L			10/09/13 18:59	10
1,2,4-Trimethylbenzene	91		10	1.4	ug/L			10/09/13 18:59	10
1,2-Dibromo-3-Chloropropane	<8.7		20	8.7	ug/L			10/09/13 18:59	10
1,2-Dibromoethane	<3.6		10	3.6	ug/L			10/09/13 18:59	10
1,2-Dichlorobenzene	<2.7		10	2.7	ug/L			10/09/13 18:59	10
1,2-Dichloroethane	<2.8		10	2.8	ug/L			10/09/13 18:59	10
1,2-Dichloropropane	<2.0		10	2.0	ug/L			10/09/13 18:59	10
1,3,5-Trimethylbenzene	38		10	1.8	ug/L			10/09/13 18:59	10
1,3-Dichlorobenzene	<1.5		10	1.5	ug/L			10/09/13 18:59	10
1,3-Dichloropropane	<1.3		10	1.3	ug/L			10/09/13 18:59	10
1,4-Dichlorobenzene	<1.5		10	1.5	ug/L			10/09/13 18:59	10
2,2-Dichloropropane	<3.2		10	3.2	ug/L			10/09/13 18:59	10
2-Chlorotoluene	<2.1		10	2.1	ug/L			10/09/13 18:59	10
4-Chlorotoluene	<2.0		10	2.0	ug/L			10/09/13 18:59	10
Benzene	36		5.0	0.74	ug/L			10/09/13 18:59	10
Bromobenzene	<2.5		10	2.5	ug/L			10/09/13 18:59	10
Bromochloromethane	<4.0		10	4.0	ug/L			10/09/13 18:59	10
Bromodichloromethane	<1.7		10	1.7	ug/L			10/09/13 18:59	10
Bromoform	<2.8		10	2.8	ug/L			10/09/13 18:59	10
Bromomethane	<3.1		10	3.1	ug/L			10/09/13 18:59	10
Carbon tetrachloride	<2.6		10	2.6	ug/L			10/09/13 18:59	10

Client Sample ID: MW-122
Date Collected: 10/03/13 09:00
Date Received: 10/04/13 08:50

Lab Sample ID: 500-64332-3
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	<1.4		10	1.4	ug/L			10/09/13 18:59	10
Chloroethane	<3.4		10	3.4	ug/L			10/09/13 18:59	10
Chloroform	<2.0		10	2.0	ug/L			10/09/13 18:59	10
Chloromethane	<1.8		10	1.8	ug/L			10/09/13 18:59	10
cis-1,2-Dichloroethene	<1.2		10	1.2	ug/L			10/09/13 18:59	10
cis-1,3-Dichloropropene	<1.8		10	1.8	ug/L			10/09/13 18:59	10
Dibromochloromethane	<3.2		10	3.2	ug/L			10/09/13 18:59	10
Dibromomethane	<3.3		10	3.3	ug/L			10/09/13 18:59	10
Dichlorodifluoromethane	<2.0		10	2.0	ug/L			10/09/13 18:59	10
Ethylbenzene	**200**		5.0	1.3	ug/L			10/09/13 18:59	10
Hexachlorobutadiene	<2.6		10	2.6	ug/L			10/09/13 18:59	10
Isopropyl ether	<1.5		10	1.5	ug/L			10/09/13 18:59	10
Isopropylbenzene	**30**		10	1.4	ug/L			10/09/13 18:59	10
Methyl tert-butyl ether	<2.4		10	2.4	ug/L			10/09/13 18:59	10
Methylene Chloride	<6.8		50	6.8	ug/L			10/09/13 18:59	10
n-Butylbenzene	<1.3		10	1.3	ug/L			10/09/13 18:59	10
N-Propylbenzene	<1.3		10	1.3	ug/L			10/09/13 18:59	10
p-Isopropyltoluene	<1.7		10	1.7	ug/L			10/09/13 18:59	10
sec-Butylbenzene	<1.5		10	1.5	ug/L			10/09/13 18:59	10
Styrene	<1.0		10	1.0	ug/L			10/09/13 18:59	10
tert-Butylbenzene	<1.4		10	1.4	ug/L			10/09/13 18:59	10
Tetrachloroethene	<1.7		10	1.7	ug/L			10/09/13 18:59	10
Toluene	**22**		5.0	1.1	ug/L			10/09/13 18:59	10
trans-1,2-Dichloroethene	<2.5		10	2.5	ug/L			10/09/13 18:59	10
trans-1,3-Dichloropropene	<2.1		10	2.1	ug/L			10/09/13 18:59	10
Trichloroethene	<1.9		5.0	1.9	ug/L			10/09/13 18:59	10
Trichlorofluoromethane	<1.9		10	1.9	ug/L			10/09/13 18:59	10
Vinyl chloride	<1.0		5.0	1.0	ug/L			10/09/13 18:59	10
Xylenes, Total	**260**		10	0.68	ug/L			10/09/13 18:59	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*75 - 125*		*10/09/13 18:59*	*10*
4-Bromofluorobenzene (Surr)	*91*		*75 - 120*		*10/09/13 18:59*	*10*
Dibromofluoromethane	*101*		*75 - 120*		*10/09/13 18:59*	*10*
Toluene-d8 (Surr)	*91*		*75 - 120*		*10/09/13 18:59*	*10*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	**16000**		100	16	ug/L			10/09/13 19:23	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*75 - 125*		*10/09/13 19:23*	*100*
4-Bromofluorobenzene (Surr)	*90*		*75 - 120*		*10/09/13 19:23*	*100*
Dibromofluoromethane	*99*		*75 - 120*		*10/09/13 19:23*	*100*
Toluene-d8 (Surr)	*95*		*75 - 120*		*10/09/13 19:23*	*100*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**340**		7.7	3.8	ug/L		10/04/13 18:00	10/09/13 19:26	10
Acenaphthene	**200**		7.7	0.95	ug/L		10/04/13 18:00	10/09/13 19:26	10

Client Sample ID: MW-122

Lab Sample ID: 500-64332-3

Date Collected: 10/03/13 09:00

Matrix: Ground Water

Date Received: 10/04/13 08:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthylene	<1.0		7.7	1.0	ug/L		10/04/13 18:00	10/09/13 19:26	10
Anthracene	**13**		7.7	1.4	ug/L		10/04/13 18:00	10/09/13 19:26	10
Benzo[a]anthracene	<0.50		1.5	0.50	ug/L		10/04/13 18:00	10/09/13 19:26	10
Benzo[a]pyrene	<0.58		1.5	0.58	ug/L		10/04/13 18:00	10/09/13 19:26	10
Benzo[b]fluoranthene	<0.63		1.5	0.63	ug/L		10/04/13 18:00	10/09/13 19:26	10
Benzo[g,h,i]perylene	<3.7		7.7	3.7	ug/L		10/04/13 18:00	10/09/13 19:26	10
Benzo[k]fluoranthene	<1.3		1.5	1.3	ug/L		10/04/13 18:00	10/09/13 19:26	10
Chrysene	<0.72		3.8	0.72	ug/L		10/04/13 18:00	10/09/13 19:26	10
Dibenz(a,h)anthracene	<0.87		2.3	0.87	ug/L		10/04/13 18:00	10/09/13 19:26	10
Fluoranthene	**9.7**		7.7	1.6	ug/L		10/04/13 18:00	10/09/13 19:26	10
Fluorene	**80**		7.7	1.3	ug/L		10/04/13 18:00	10/09/13 19:26	10
Indeno[1,2,3-cd]pyrene	<0.59		1.5	0.59	ug/L		10/04/13 18:00	10/09/13 19:26	10
Phenanthrene	**67**		7.7	1.6	ug/L		10/04/13 18:00	10/09/13 19:26	10
Pyrene	**5.9**	**J**	7.7	1.7	ug/L		10/04/13 18:00	10/09/13 19:26	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*117*		*41 - 132*	*10/04/13 18:00*	*10/09/13 19:26*	*10*
Nitrobenzene-d5 (Surr)	*127*		*47 - 134*	*10/04/13 18:00*	*10/09/13 19:26*	*10*
Terphenyl-d14 (Surr)	*117*		*59 - 150*	*10/04/13 18:00*	*10/09/13 19:26*	*10*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	**320**		77	13	ug/L		10/04/13 18:00	10/16/13 11:59	200
Naphthalene	**8100**		150	24	ug/L		10/04/13 18:00	10/16/13 11:59	200

Client Sample ID: Trip Blank

Lab Sample ID: 500-64332-4

Date Collected: 10/03/13 00:00

Matrix: Water

Date Received: 10/04/13 08:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.25		1.0	0.25	ug/L			10/09/13 15:42	1
1,1,1-Trichloroethane	<0.20		1.0	0.20	ug/L			10/09/13 15:42	1
1,1,2,2-Tetrachloroethane	<0.23		1.0	0.23	ug/L			10/09/13 15:42	1
1,1,2-Trichloroethane	<0.28		1.0	0.28	ug/L			10/09/13 15:42	1
1,1-Dichloroethane	<0.19		1.0	0.19	ug/L			10/09/13 15:42	1
1,1-Dichloroethene	<0.31		1.0	0.31	ug/L			10/09/13 15:42	1
1,1-Dichloropropene	<0.34		1.0	0.34	ug/L			10/09/13 15:42	1
1,2,3-Trichlorobenzene	<0.24		1.0	0.24	ug/L			10/09/13 15:42	1
1,2,3-Trichloropropane	<0.45		1.0	0.45	ug/L			10/09/13 15:42	1
1,2,4-Trichlorobenzene	<0.31		1.0	0.31	ug/L			10/09/13 15:42	1
1,2,4-Trimethylbenzene	<0.14		1.0	0.14	ug/L			10/09/13 15:42	1
1,2-Dibromo-3-Chloropropane	<0.87		2.0	0.87	ug/L			10/09/13 15:42	1
1,2-Dibromoethane	<0.36		1.0	0.36	ug/L			10/09/13 15:42	1
1,2-Dichlorobenzene	<0.27		1.0	0.27	ug/L			10/09/13 15:42	1
1,2-Dichloroethane	<0.28		1.0	0.28	ug/L			10/09/13 15:42	1
1,2-Dichloropropane	<0.20		1.0	0.20	ug/L			10/09/13 15:42	1
1,3,5-Trimethylbenzene	<0.18		1.0	0.18	ug/L			10/09/13 15:42	1
1,3-Dichlorobenzene	<0.15		1.0	0.15	ug/L			10/09/13 15:42	1
1,3-Dichloropropane	<0.13		1.0	0.13	ug/L			10/09/13 15:42	1

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201313.03

TestAmerica Job ID: 500-64332-1

Client Sample ID: Trip Blank
Date Collected: 10/03/13 00:00
Date Received: 10/04/13 08:50

Lab Sample ID: 500-64332-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	<0.15		1.0	0.15	ug/L			10/09/13 15:42	1
2,2-Dichloropropane	<0.32		1.0	0.32	ug/L			10/09/13 15:42	1
2-Chlorotoluene	<0.21		1.0	0.21	ug/L			10/09/13 15:42	1
4-Chlorotoluene	<0.20		1.0	0.20	ug/L			10/09/13 15:42	1
Benzene	<0.074		0.50	0.074	ug/L			10/09/13 15:42	1
Bromobenzene	<0.25		1.0	0.25	ug/L			10/09/13 15:42	1
Bromochloromethane	<0.40		1.0	0.40	ug/L			10/09/13 15:42	1
Bromodichloromethane	<0.17		1.0	0.17	ug/L			10/09/13 15:42	1
Bromoform	<0.28		1.0	0.28	ug/L			10/09/13 15:42	1
Bromomethane	<0.31		1.0	0.31	ug/L			10/09/13 15:42	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/L			10/09/13 15:42	1
Chlorobenzene	<0.14		1.0	0.14	ug/L			10/09/13 15:42	1
Chloroethane	<0.34		1.0	0.34	ug/L			10/09/13 15:42	1
Chloroform	<0.20		1.0	0.20	ug/L			10/09/13 15:42	1
Chloromethane	<0.18		1.0	0.18	ug/L			10/09/13 15:42	1
cis-1,2-Dichloroethene	<0.12		1.0	0.12	ug/L			10/09/13 15:42	1
cis-1,3-Dichloropropene	<0.18		1.0	0.18	ug/L			10/09/13 15:42	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			10/09/13 15:42	1
Dibromomethane	<0.33		1.0	0.33	ug/L			10/09/13 15:42	1
Dichlorodifluoromethane	<0.20		1.0	0.20	ug/L			10/09/13 15:42	1
Ethylbenzene	<0.13		0.50	0.13	ug/L			10/09/13 15:42	1
Hexachlorobutadiene	<0.26		1.0	0.26	ug/L			10/09/13 15:42	1
Isopropyl ether	<0.15		1.0	0.15	ug/L			10/09/13 15:42	1
Isopropylbenzene	<0.14		1.0	0.14	ug/L			10/09/13 15:42	1
Methyl tert-butyl ether	<0.24		1.0	0.24	ug/L			10/09/13 15:42	1
Methylene Chloride	<0.68		5.0	0.68	ug/L			10/09/13 15:42	1
Naphthalene	<0.16		1.0	0.16	ug/L			10/09/13 15:42	1
n-Butylbenzene	<0.13		1.0	0.13	ug/L			10/09/13 15:42	1
N-Propylbenzene	<0.13		1.0	0.13	ug/L			10/09/13 15:42	1
p-Isopropyltoluene	<0.17		1.0	0.17	ug/L			10/09/13 15:42	1
sec-Butylbenzene	<0.15		1.0	0.15	ug/L			10/09/13 15:42	1
Styrene	<0.10		1.0	0.10	ug/L			10/09/13 15:42	1
tert-Butylbenzene	<0.14		1.0	0.14	ug/L			10/09/13 15:42	1
Tetrachloroethene	<0.17		1.0	0.17	ug/L			10/09/13 15:42	1
Toluene	<0.11		0.50	0.11	ug/L			10/09/13 15:42	1
trans-1,2-Dichloroethene	<0.25		1.0	0.25	ug/L			10/09/13 15:42	1
trans-1,3-Dichloropropene	<0.21		1.0	0.21	ug/L			10/09/13 15:42	1
Trichloroethene	<0.19		0.50	0.19	ug/L			10/09/13 15:42	1
Trichlorofluoromethane	<0.19		1.0	0.19	ug/L			10/09/13 15:42	1
Vinyl chloride	<0.10		0.50	0.10	ug/L			10/09/13 15:42	1
Xylenes, Total	<0.068		1.0	0.068	ug/L			10/09/13 15:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*75 - 125*		*10/09/13 15:42*	*1*
4-Bromofluorobenzene (Surr)	*97*		*75 - 120*		*10/09/13 15:42*	*1*
Dibromofluoromethane	*100*		*75 - 120*		*10/09/13 15:42*	*1*
Toluene-d8 (Surr)	*91*		*75 - 120*		*10/09/13 15:42*	*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.
B	Compound was found in the blank and sample.
X	Surrogate is outside control limits
*	ISTD response or retention time outside acceptable 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)

GC/MS VOA

Analysis Batch: 206317

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-64332-1	MW- 125	Total/NA	Ground Water	8260B	
500-64332-1 - DL	MW- 125	Total/NA	Ground Water	8260B	
500-64332-2	MW-123	Total/NA	Ground Water	8260B	
500-64332-3	MW-122	Total/NA	Ground Water	8260B	
500-64332-3 - DL	MW-122	Total/NA	Ground Water	8260B	
500-64332-4	Trip Blank	Total/NA	Water	8260B	
LCS 500-206317/4	Lab Control Sample	Total/NA	Water	8260B	
MB 500-206317/7	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 206496

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-64332-2 - DL	MW-123	Total/NA	Ground Water	8260B	
LCS 500-206496/6	Lab Control Sample	Total/NA	Water	8260B	
MB 500-206496/8	Method Blank	Total/NA	Water	8260B	

GC/MS Semi VOA

Prep Batch: 205721

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-64332-3 - DL	MW-122	Total/NA	Ground Water	3510C	
500-64332-3	MW-122	Total/NA	Ground Water	3510C	
LCS 500-205721/2-A	Lab Control Sample	Total/NA	Water	3510C	
MB 500-205721/1-A	Method Blank	Total/NA	Water	3510C	

Prep Batch: 206040

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-64332-1 - DL	MW- 125	Total/NA	Ground Water	3510C	
500-64332-1	MW- 125	Total/NA	Ground Water	3510C	
500-64332-2 - DL	MW-123	Total/NA	Ground Water	3510C	
500-64332-2	MW-123	Total/NA	Ground Water	3510C	
LCS 500-206040/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 500-206040/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
MB 500-206040/1-A	Method Blank	Total/NA	Water	3510C	

Analysis Batch: 206246

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-64332-3	MW-122	Total/NA	Ground Water	8270D	205721
LCS 500-205721/2-A	Lab Control Sample	Total/NA	Water	8270D	205721
MB 500-205721/1-A	Method Blank	Total/NA	Water	8270D	205721

Analysis Batch: 206445

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-64332-1	MW- 125	Total/NA	Ground Water	8270D	206040
500-64332-2	MW-123	Total/NA	Ground Water	8270D	206040
LCS 500-206040/2-A	Lab Control Sample	Total/NA	Water	8270D	206040
LCSD 500-206040/3-A	Lab Control Sample Dup	Total/NA	Water	8270D	206040
MB 500-206040/1-A	Method Blank	Total/NA	Water	8270D	206040

GC/MS Semi VOA (Continued)

Analysis Batch: 206626

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-64332-1 - DL	MW- 125	Total/NA	Ground Water	8270D	206040
500-64332-2 - DL	MW-123	Total/NA	Ground Water	8270D	206040

Analysis Batch: 207251

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-64332-3 - DL	MW-122	Total/NA	Ground Water	8270D	205721

Surrogate Summary

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201313.03

TestAmerica Job ID: 500-64332-1

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

Matrix: Ground Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		12DCE	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(75-125)	(75-120)	(75-120)	(75-120)
500-64332-1	MW- 125	97	91	100	93
500-64332-1 - DL	MW- 125	95	95	100	91
500-64332-2	MW-123	96	91	100	93
500-64332-2 - DL	MW-123	100	97	103	94
500-64332-3	MW-122	99	91	101	91
500-64332-3 - DL	MW-122	99	90	99	95

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane
TOL = Toluene-d8 (Surr)

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

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		12DCE	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(75-125)	(75-120)	(75-120)	(75-120)
500-64332-4	Trip Blank	98	97	100	91
LCS 500-206317/4	Lab Control Sample	95	93	99	94
LCS 500-206496/6	Lab Control Sample	97	91	95	97
MB 500-206317/7	Method Blank	94	96	98	92
MB 500-206496/8	Method Blank	92	100	95	94

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: Ground Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		NBZ	TPH	FBP
Lab Sample ID	Client Sample ID	(41-110)	(44-132)	(48-110)
500-64332-1	MW- 125	102	86	86
500-64332-1 - DL	MW- 125	0 D	0 D	0 D
500-64332-2	MW-123	147 X	85	79
500-64332-2 - DL	MW-123	0 D	0 D	0 D

Surrogate Legend

NBZ = Nitrobenzene-d5 (Surr)
TPH = Terphenyl-d14 (Surr)
FBP = 2-Fluorobiphenyl

Surrogate Summary

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201313.03

TestAmerica Job ID: 500-64332-1

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

Matrix: Ground Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		FBP	NBZ	TPH
Lab Sample ID	Client Sample ID	(41-132)	(47-134)	(59-150)
500-64332-3	MW-122	117	127	117
500-64332-3 - DL	MW-122	0 D	0 D	0 D

Surrogate Legend

FBP = 2-Fluorobiphenyl
NBZ = Nitrobenzene-d5 (Surr)
TPH = Terphenyl-d14 (Surr)

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

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		FBP	NBZ	TPH
Lab Sample ID	Client Sample ID	(41-132)	(47-134)	(59-150)
LCS 500-205721/2-A	Lab Control Sample	100	109	113
MB 500-205721/1-A	Method Blank	78	93	113

Surrogate Legend

FBP = 2-Fluorobiphenyl
NBZ = Nitrobenzene-d5 (Surr)
TPH = Terphenyl-d14 (Surr)

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

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		FBP	NBZ	TPH
Lab Sample ID	Client Sample ID	(48-110)	(41-110)	(44-132)
LCS 500-206040/2-A	Lab Control Sample	82	75	96
LCSD 500-206040/3-A	Lab Control Sample Dup	78	72	105
MB 500-206040/1-A	Method Blank	79	84	163 X *

Surrogate Legend

FBP = 2-Fluorobiphenyl
NBZ = Nitrobenzene-d5 (Surr)
TPH = Terphenyl-d14 (Surr)

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201313.03

TestAmerica Job ID: 500-64332-1

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

Lab Sample ID: MB 500-206317/7
Matrix: Water
Analysis Batch: 206317

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	<0.25		1.0	0.25	ug/L			10/09/13 15:17	1
1,1,1-Trichloroethane	<0.20		1.0	0.20	ug/L			10/09/13 15:17	1
1,1,2,2-Tetrachloroethane	<0.23		1.0	0.23	ug/L			10/09/13 15:17	1
1,1,2-Trichloroethane	<0.28		1.0	0.28	ug/L			10/09/13 15:17	1
1,1-Dichloroethane	<0.19		1.0	0.19	ug/L			10/09/13 15:17	1
1,1-Dichloroethene	<0.31		1.0	0.31	ug/L			10/09/13 15:17	1
1,1-Dichloropropene	<0.34		1.0	0.34	ug/L			10/09/13 15:17	1
1,2,3-Trichlorobenzene	<0.24		1.0	0.24	ug/L			10/09/13 15:17	1
1,2,3-Trichloropropane	<0.45		1.0	0.45	ug/L			10/09/13 15:17	1
1,2,4-Trichlorobenzene	<0.31		1.0	0.31	ug/L			10/09/13 15:17	1
1,2,4-Trimethylbenzene	<0.14		1.0	0.14	ug/L			10/09/13 15:17	1
1,2-Dibromo-3-Chloropropane	<0.87		2.0	0.87	ug/L			10/09/13 15:17	1
1,2-Dibromoethane	<0.36		1.0	0.36	ug/L			10/09/13 15:17	1
1,2-Dichlorobenzene	<0.27		1.0	0.27	ug/L			10/09/13 15:17	1
1,2-Dichloroethane	<0.28		1.0	0.28	ug/L			10/09/13 15:17	1
1,2-Dichloropropane	<0.20		1.0	0.20	ug/L			10/09/13 15:17	1
1,3,5-Trimethylbenzene	<0.18		1.0	0.18	ug/L			10/09/13 15:17	1
1,3-Dichlorobenzene	<0.15		1.0	0.15	ug/L			10/09/13 15:17	1
1,3-Dichloropropane	<0.13		1.0	0.13	ug/L			10/09/13 15:17	1
1,4-Dichlorobenzene	<0.15		1.0	0.15	ug/L			10/09/13 15:17	1
2,2-Dichloropropane	<0.32		1.0	0.32	ug/L			10/09/13 15:17	1
2-Chlorotoluene	<0.21		1.0	0.21	ug/L			10/09/13 15:17	1
4-Chlorotoluene	<0.20		1.0	0.20	ug/L			10/09/13 15:17	1
Benzene	<0.074		0.50	0.074	ug/L			10/09/13 15:17	1
Bromobenzene	<0.25		1.0	0.25	ug/L			10/09/13 15:17	1
Bromochloromethane	<0.40		1.0	0.40	ug/L			10/09/13 15:17	1
Bromodichloromethane	<0.17		1.0	0.17	ug/L			10/09/13 15:17	1
Bromoform	<0.28		1.0	0.28	ug/L			10/09/13 15:17	1
Bromomethane	<0.31		1.0	0.31	ug/L			10/09/13 15:17	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/L			10/09/13 15:17	1
Chlorobenzene	<0.14		1.0	0.14	ug/L			10/09/13 15:17	1
Chloroethane	<0.34		1.0	0.34	ug/L			10/09/13 15:17	1
Chloroform	<0.20		1.0	0.20	ug/L			10/09/13 15:17	1
Chloromethane	<0.18		1.0	0.18	ug/L			10/09/13 15:17	1
cis-1,2-Dichloroethene	<0.12		1.0	0.12	ug/L			10/09/13 15:17	1
cis-1,3-Dichloropropene	<0.18		1.0	0.18	ug/L			10/09/13 15:17	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			10/09/13 15:17	1
Dibromomethane	<0.33		1.0	0.33	ug/L			10/09/13 15:17	1
Dichlorodifluoromethane	<0.20		1.0	0.20	ug/L			10/09/13 15:17	1
Ethylbenzene	<0.13		0.50	0.13	ug/L			10/09/13 15:17	1
Hexachlorobutadiene	<0.26		1.0	0.26	ug/L			10/09/13 15:17	1
Isopropyl ether	<0.15		1.0	0.15	ug/L			10/09/13 15:17	1
Isopropylbenzene	<0.14		1.0	0.14	ug/L			10/09/13 15:17	1
Methyl tert-butyl ether	<0.24		1.0	0.24	ug/L			10/09/13 15:17	1
Methylene Chloride	<0.68		5.0	0.68	ug/L			10/09/13 15:17	1
Naphthalene	<0.16		1.0	0.16	ug/L			10/09/13 15:17	1
n-Butylbenzene	<0.13		1.0	0.13	ug/L			10/09/13 15:17	1
N-Propylbenzene	<0.13		1.0	0.13	ug/L			10/09/13 15:17	1

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

Lab Sample ID: MB 500-206317/7
Matrix: Water
Analysis Batch: 206317

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
p-Isopropyltoluene	<0.17		1.0	0.17	ug/L			10/09/13 15:17	1
sec-Butylbenzene	<0.15		1.0	0.15	ug/L			10/09/13 15:17	1
Styrene	<0.10		1.0	0.10	ug/L			10/09/13 15:17	1
tert-Butylbenzene	<0.14		1.0	0.14	ug/L			10/09/13 15:17	1
Tetrachloroethene	<0.17		1.0	0.17	ug/L			10/09/13 15:17	1
Toluene	<0.11		0.50	0.11	ug/L			10/09/13 15:17	1
trans-1,2-Dichloroethene	<0.25		1.0	0.25	ug/L			10/09/13 15:17	1
trans-1,3-Dichloropropene	<0.21		1.0	0.21	ug/L			10/09/13 15:17	1
Trichloroethene	<0.19		0.50	0.19	ug/L			10/09/13 15:17	1
Trichlorofluoromethane	<0.19		1.0	0.19	ug/L			10/09/13 15:17	1
Vinyl chloride	<0.10		0.50	0.10	ug/L			10/09/13 15:17	1
Xylenes, Total	<0.068		1.0	0.068	ug/L			10/09/13 15:17	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*75 - 125*		*10/09/13 15:17*	*1*
4-Bromofluorobenzene (Surr)	*96*		*75 - 120*		*10/09/13 15:17*	*1*
Dibromofluoromethane	*98*		*75 - 120*		*10/09/13 15:17*	*1*
Toluene-d8 (Surr)	*92*		*75 - 120*		*10/09/13 15:17*	*1*

Lab Sample ID: LCS 500-206317/4
Matrix: Water
Analysis Batch: 206317

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	50.1		ug/L		100	75 - 120
1,1,1-Trichloroethane	50.0	48.6		ug/L		97	70 - 123
1,1,2,2-Tetrachloroethane	50.0	48.8		ug/L		98	70 - 128
1,1,2-Trichloroethane	50.0	48.8		ug/L		98	69 - 120
1,1-Dichloroethane	50.0	53.2		ug/L		106	68 - 121
1,1-Dichloroethene	50.0	49.0		ug/L		98	58 - 122
1,1-Dichloropropene	50.0	49.9		ug/L		100	70 - 120
1,2,3-Trichlorobenzene	50.0	45.8		ug/L		92	56 - 137
1,2,3-Trichloropropane	50.0	47.2		ug/L		94	70 - 120
1,2,4-Trichlorobenzene	50.0	48.6		ug/L		97	65 - 121
1,2,4-Trimethylbenzene	50.0	48.6		ug/L		97	75 - 121
1,2-Dibromo-3-Chloropropane	50.0	48.6		ug/L		97	60 - 121
1,2-Dibromoethane	50.0	48.7		ug/L		97	70 - 120
1,2-Dichlorobenzene	50.0	48.5		ug/L		97	75 - 120
1,2-Dichloroethane	50.0	49.6		ug/L		99	69 - 120
1,2-Dichloropropane	50.0	50.0		ug/L		100	70 - 120
1,3,5-Trimethylbenzene	50.0	48.2		ug/L		96	75 - 123
1,3-Dichlorobenzene	50.0	47.9		ug/L		96	70 - 120
1,3-Dichloropropane	50.0	48.1		ug/L		96	70 - 120
1,4-Dichlorobenzene	50.0	48.3		ug/L		97	75 - 120
2,2-Dichloropropane	50.0	45.9		ug/L		92	67 - 125
2-Chlorotoluene	50.0	47.0		ug/L		94	70 - 120
4-Chlorotoluene	50.0	48.1		ug/L		96	70 - 120
Benzene	50.0	48.9		ug/L		98	70 - 120

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

Lab Sample ID: LCS 500-206317/4
Matrix: Water
Analysis Batch: 206317

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromobenzene	50.0	49.0		ug/L		98	70 - 120
Bromochloromethane	50.0	49.0		ug/L		98	67 - 122
Bromodichloromethane	50.0	45.3		ug/L		91	70 - 120
Bromoform	50.0	50.3		ug/L		101	70 - 125
Bromomethane	50.0	44.6		ug/L		89	50 - 150
Carbon tetrachloride	50.0	49.3		ug/L		99	70 - 125
Chlorobenzene	50.0	48.2		ug/L		96	70 - 120
Chloroethane	50.0	44.8		ug/L		90	50 - 150
Chloroform	50.0	49.8		ug/L		100	70 - 120
Chloromethane	50.0	50.9		ug/L		102	50 - 134
cis-1,2-Dichloroethene	50.0	52.8		ug/L		106	70 - 120
cis-1,3-Dichloropropene	50.0	45.1		ug/L		90	70 - 120
Dibromochloromethane	50.0	46.2		ug/L		92	70 - 120
Dibromomethane	50.0	50.3		ug/L		101	70 - 120
Dichlorodifluoromethane	50.0	42.3		ug/L		85	40 - 140
Ethylbenzene	50.0	47.6		ug/L		95	75 - 120
Hexachlorobutadiene	50.0	47.6		ug/L		95	65 - 135
Isopropylbenzene	50.0	47.7		ug/L		95	70 - 120
Methyl tert-butyl ether	50.0	51.8		ug/L		104	58 - 122
Methylene Chloride	50.0	52.3		ug/L		105	65 - 125
Naphthalene	50.0	50.1		ug/L		100	55 - 132
n-Butylbenzene	50.0	49.4		ug/L		99	75 - 120
N-Propylbenzene	50.0	48.3		ug/L		97	70 - 120
p-Isopropyltoluene	50.0	48.7		ug/L		97	70 - 120
sec-Butylbenzene	50.0	48.8		ug/L		98	70 - 120
Styrene	50.0	52.6		ug/L		105	75 - 120
tert-Butylbenzene	50.0	48.0		ug/L		96	70 - 120
Tetrachloroethene	50.0	47.5		ug/L		95	70 - 123
Toluene	50.0	48.7		ug/L		97	70 - 120
trans-1,2-Dichloroethene	50.0	51.0		ug/L		102	70 - 124
trans-1,3-Dichloropropene	50.0	45.2		ug/L		90	70 - 120
Trichloroethene	50.0	46.8		ug/L		94	70 - 120
Trichlorofluoromethane	50.0	45.3		ug/L		91	63 - 134
Vinyl chloride	50.0	48.6		ug/L		97	62 - 138
Xylenes, Total	100	98.6		ug/L		99	70 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*95*		*75 - 125*
4-Bromofluorobenzene (Surr)	*93*		*75 - 120*
Dibromofluoromethane	*99*		*75 - 120*
Toluene-d8 (Surr)	*94*		*75 - 120*

Lab Sample ID: MB 500-206496/8
Matrix: Water
Analysis Batch: 206496

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	<0.25		1.0	0.25	ug/L			10/10/13 15:05	1

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

Lab Sample ID: MB 500-206496/8
Matrix: Water
Analysis Batch: 206496

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.20		1.0	0.20	ug/L			10/10/13 15:05	1
1,1,2,2-Tetrachloroethane	<0.23		1.0	0.23	ug/L			10/10/13 15:05	1
1,1,2-Trichloroethane	<0.28		1.0	0.28	ug/L			10/10/13 15:05	1
1,1-Dichloroethane	<0.19		1.0	0.19	ug/L			10/10/13 15:05	1
1,1-Dichloroethene	<0.31		1.0	0.31	ug/L			10/10/13 15:05	1
1,1-Dichloropropene	<0.34		1.0	0.34	ug/L			10/10/13 15:05	1
1,2,3-Trichlorobenzene	<0.24		1.0	0.24	ug/L			10/10/13 15:05	1
1,2,3-Trichloropropane	<0.45		1.0	0.45	ug/L			10/10/13 15:05	1
1,2,4-Trichlorobenzene	<0.31		1.0	0.31	ug/L			10/10/13 15:05	1
1,2,4-Trimethylbenzene	<0.14		1.0	0.14	ug/L			10/10/13 15:05	1
1,2-Dibromo-3-Chloropropane	<0.87		2.0	0.87	ug/L			10/10/13 15:05	1
1,2-Dibromoethane	<0.36		1.0	0.36	ug/L			10/10/13 15:05	1
1,2-Dichlorobenzene	<0.27		1.0	0.27	ug/L			10/10/13 15:05	1
1,2-Dichloroethane	<0.28		1.0	0.28	ug/L			10/10/13 15:05	1
1,2-Dichloropropane	<0.20		1.0	0.20	ug/L			10/10/13 15:05	1
1,3,5-Trimethylbenzene	<0.18		1.0	0.18	ug/L			10/10/13 15:05	1
1,3-Dichlorobenzene	<0.15		1.0	0.15	ug/L			10/10/13 15:05	1
1,3-Dichloropropane	<0.13		1.0	0.13	ug/L			10/10/13 15:05	1
1,4-Dichlorobenzene	<0.15		1.0	0.15	ug/L			10/10/13 15:05	1
2,2-Dichloropropane	<0.32		1.0	0.32	ug/L			10/10/13 15:05	1
2-Chlorotoluene	<0.21		1.0	0.21	ug/L			10/10/13 15:05	1
4-Chlorotoluene	<0.20		1.0	0.20	ug/L			10/10/13 15:05	1
Benzene	<0.074		0.50	0.074	ug/L			10/10/13 15:05	1
Bromobenzene	<0.25		1.0	0.25	ug/L			10/10/13 15:05	1
Bromochloromethane	<0.40		1.0	0.40	ug/L			10/10/13 15:05	1
Bromodichloromethane	<0.17		1.0	0.17	ug/L			10/10/13 15:05	1
Bromoform	<0.28		1.0	0.28	ug/L			10/10/13 15:05	1
Bromomethane	<0.31		1.0	0.31	ug/L			10/10/13 15:05	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/L			10/10/13 15:05	1
Chlorobenzene	<0.14		1.0	0.14	ug/L			10/10/13 15:05	1
Chloroethane	<0.34		1.0	0.34	ug/L			10/10/13 15:05	1
Chloroform	<0.20		1.0	0.20	ug/L			10/10/13 15:05	1
Chloromethane	<0.18		1.0	0.18	ug/L			10/10/13 15:05	1
cis-1,2-Dichloroethene	<0.12		1.0	0.12	ug/L			10/10/13 15:05	1
cis-1,3-Dichloropropene	<0.18		1.0	0.18	ug/L			10/10/13 15:05	1
Dibromochloromethane	<0.32		1.0	0.32	ug/L			10/10/13 15:05	1
Dibromomethane	<0.33		1.0	0.33	ug/L			10/10/13 15:05	1
Dichlorodifluoromethane	<0.20		1.0	0.20	ug/L			10/10/13 15:05	1
Ethylbenzene	<0.13		0.50	0.13	ug/L			10/10/13 15:05	1
Hexachlorobutadiene	<0.26		1.0	0.26	ug/L			10/10/13 15:05	1
Isopropyl ether	<0.15		1.0	0.15	ug/L			10/10/13 15:05	1
Isopropylbenzene	<0.14		1.0	0.14	ug/L			10/10/13 15:05	1
Methyl tert-butyl ether	<0.24		1.0	0.24	ug/L			10/10/13 15:05	1
Methylene Chloride	<0.68		5.0	0.68	ug/L			10/10/13 15:05	1
Naphthalene	<0.16		1.0	0.16	ug/L			10/10/13 15:05	1
n-Butylbenzene	<0.13		1.0	0.13	ug/L			10/10/13 15:05	1
N-Propylbenzene	<0.13		1.0	0.13	ug/L			10/10/13 15:05	1
p-Isopropyltoluene	<0.17		1.0	0.17	ug/L			10/10/13 15:05	1

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

Lab Sample ID: MB 500-206496/8
Matrix: Water
Analysis Batch: 206496

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.15		1.0	0.15	ug/L			10/10/13 15:05	1
Styrene	<0.10		1.0	0.10	ug/L			10/10/13 15:05	1
tert-Butylbenzene	<0.14		1.0	0.14	ug/L			10/10/13 15:05	1
Tetrachloroethene	<0.17		1.0	0.17	ug/L			10/10/13 15:05	1
Toluene	<0.11		0.50	0.11	ug/L			10/10/13 15:05	1
trans-1,2-Dichloroethene	<0.25		1.0	0.25	ug/L			10/10/13 15:05	1
trans-1,3-Dichloropropene	<0.21		1.0	0.21	ug/L			10/10/13 15:05	1
Trichloroethene	<0.19		0.50	0.19	ug/L			10/10/13 15:05	1
Trichlorofluoromethane	<0.19		1.0	0.19	ug/L			10/10/13 15:05	1
Vinyl chloride	<0.10		0.50	0.10	ug/L			10/10/13 15:05	1
Xylenes, Total	<0.068		1.0	0.068	ug/L			10/10/13 15:05	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*75 - 125*		*10/10/13 15:05*	*1*
4-Bromofluorobenzene (Surr)	*100*		*75 - 120*		*10/10/13 15:05*	*1*
Dibromofluoromethane	*95*		*75 - 120*		*10/10/13 15:05*	*1*
Toluene-d8 (Surr)	*94*		*75 - 120*		*10/10/13 15:05*	*1*

Lab Sample ID: LCS 500-206496/6
Matrix: Water
Analysis Batch: 206496

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/L		90	75 - 120
1,1,1-Trichloroethane	50.0	43.7		ug/L		87	70 - 123
1,1,2,2-Tetrachloroethane	50.0	45.0		ug/L		90	70 - 128
1,1,2-Trichloroethane	50.0	46.7		ug/L		93	69 - 120
1,1-Dichloroethane	50.0	47.9		ug/L		96	68 - 121
1,1-Dichloroethene	50.0	42.4		ug/L		85	58 - 122
1,1-Dichloropropene	50.0	46.0		ug/L		92	70 - 120
1,2,3-Trichlorobenzene	50.0	43.8		ug/L		88	56 - 137
1,2,3-Trichloropropane	50.0	42.3		ug/L		85	70 - 120
1,2,4-Trichlorobenzene	50.0	45.0		ug/L		90	65 - 121
1,2,4-Trimethylbenzene	50.0	44.8		ug/L		90	75 - 121
1,2-Dibromo-3-Chloropropane	50.0	42.0		ug/L		84	60 - 121
1,2-Dibromoethane	50.0	47.5		ug/L		95	70 - 120
1,2-Dichlorobenzene	50.0	44.7		ug/L		89	75 - 120
1,2-Dichloroethane	50.0	46.3		ug/L		93	69 - 120
1,2-Dichloropropane	50.0	46.7		ug/L		93	70 - 120
1,3,5-Trimethylbenzene	50.0	45.3		ug/L		91	75 - 123
1,3-Dichlorobenzene	50.0	44.8		ug/L		90	70 - 120
1,3-Dichloropropane	50.0	45.5		ug/L		91	70 - 120
1,4-Dichlorobenzene	50.0	45.2		ug/L		90	75 - 120
2,2-Dichloropropane	50.0	42.3		ug/L		85	67 - 125
2-Chlorotoluene	50.0	43.8		ug/L		88	70 - 120
4-Chlorotoluene	50.0	44.5		ug/L		89	70 - 120
Benzene	50.0	45.2		ug/L		90	70 - 120
Bromobenzene	50.0	46.3		ug/L		93	70 - 120

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

Lab Sample ID: LCS 500-206496/6
Matrix: Water
Analysis Batch: 206496

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	44.6		ug/L		89	67 - 122
Bromodichloromethane	50.0	42.0		ug/L		84	70 - 120
Bromoform	50.0	45.2		ug/L		90	70 - 125
Bromomethane	50.0	48.7		ug/L		97	50 - 150
Carbon tetrachloride	50.0	43.7		ug/L		87	70 - 125
Chlorobenzene	50.0	45.6		ug/L		91	70 - 120
Chloroethane	50.0	47.3		ug/L		95	50 - 150
Chloroform	50.0	44.9		ug/L		90	70 - 120
Chloromethane	50.0	52.9		ug/L		106	50 - 134
cis-1,2-Dichloroethene	50.0	46.3		ug/L		93	70 - 120
cis-1,3-Dichloropropene	50.0	43.4		ug/L		87	70 - 120
Dibromochloromethane	50.0	43.5		ug/L		87	70 - 120
Dibromomethane	50.0	45.6		ug/L		91	70 - 120
Dichlorodifluoromethane	50.0	41.7		ug/L		83	40 - 140
Ethylbenzene	50.0	45.2		ug/L		90	75 - 120
Hexachlorobutadiene	50.0	45.7		ug/L		91	65 - 135
Isopropylbenzene	50.0	44.9		ug/L		90	70 - 120
Methyl tert-butyl ether	50.0	46.1		ug/L		92	58 - 122
Methylene Chloride	50.0	46.0		ug/L		92	65 - 125
Naphthalene	50.0	46.3		ug/L		93	55 - 132
n-Butylbenzene	50.0	45.5		ug/L		91	75 - 120
N-Propylbenzene	50.0	45.5		ug/L		91	70 - 120
p-Isopropyltoluene	50.0	45.4		ug/L		91	70 - 120
sec-Butylbenzene	50.0	45.9		ug/L		92	70 - 120
Styrene	50.0	47.5		ug/L		95	75 - 120
tert-Butylbenzene	50.0	45.1		ug/L		90	70 - 120
Tetrachloroethene	50.0	45.6		ug/L		91	70 - 123
Toluene	50.0	46.7		ug/L		93	70 - 120
trans-1,2-Dichloroethene	50.0	45.9		ug/L		92	70 - 124
trans-1,3-Dichloropropene	50.0	43.6		ug/L		87	70 - 120
Trichloroethene	50.0	45.8		ug/L		92	70 - 120
Trichlorofluoromethane	50.0	49.7		ug/L		99	63 - 134
Vinyl chloride	50.0	50.5		ug/L		101	62 - 138
Xylenes, Total	100	90.7		ug/L		91	70 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*75 - 125*
4-Bromofluorobenzene (Surr)	*91*		*75 - 120*
Dibromofluoromethane	*95*		*75 - 120*
Toluene-d8 (Surr)	*97*		*75 - 120*

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

Lab Sample ID: MB 500-205721/1-A
Matrix: Water
Analysis Batch: 206246

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 205721

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.40		0.80	0.40	ug/L		10/04/13 18:00	10/09/13 13:55	1
2-Methylnaphthalene	<0.067		0.40	0.067	ug/L		10/04/13 18:00	10/09/13 13:55	1
Acenaphthene	<0.099		0.80	0.099	ug/L		10/04/13 18:00	10/09/13 13:55	1
Acenaphthylene	<0.11		0.80	0.11	ug/L		10/04/13 18:00	10/09/13 13:55	1
Anthracene	<0.15		0.80	0.15	ug/L		10/04/13 18:00	10/09/13 13:55	1
Benzo[a]anthracene	<0.052		0.16	0.052	ug/L		10/04/13 18:00	10/09/13 13:55	1
Benzo[a]pyrene	<0.061		0.16	0.061	ug/L		10/04/13 18:00	10/09/13 13:55	1
Benzo[b]fluoranthene	<0.065		0.16	0.065	ug/L		10/04/13 18:00	10/09/13 13:55	1
Benzo[g,h,i]perylene	<0.39		0.80	0.39	ug/L		10/04/13 18:00	10/09/13 13:55	1
Benzo[k]fluoranthene	<0.14		0.16	0.14	ug/L		10/04/13 18:00	10/09/13 13:55	1
Chrysene	<0.075		0.40	0.075	ug/L		10/04/13 18:00	10/09/13 13:55	1
Dibenz(a,h)anthracene	<0.091		0.24	0.091	ug/L		10/04/13 18:00	10/09/13 13:55	1
Fluoranthene	<0.16		0.80	0.16	ug/L		10/04/13 18:00	10/09/13 13:55	1
Fluorene	<0.13		0.80	0.13	ug/L		10/04/13 18:00	10/09/13 13:55	1
Indeno[1,2,3-cd]pyrene	<0.061		0.16	0.061	ug/L		10/04/13 18:00	10/09/13 13:55	1
Naphthalene	<0.12		0.80	0.12	ug/L		10/04/13 18:00	10/09/13 13:55	1
Phenanthrene	<0.17		0.80	0.17	ug/L		10/04/13 18:00	10/09/13 13:55	1
Pyrene	<0.18		0.80	0.18	ug/L		10/04/13 18:00	10/09/13 13:55	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*78*		*41 - 132*	*10/04/13 18:00*	*10/09/13 13:55*	*1*
Nitrobenzene-d5 (Surr)	*93*		*47 - 134*	*10/04/13 18:00*	*10/09/13 13:55*	*1*
Terphenyl-d14 (Surr)	*113*		*59 - 150*	*10/04/13 18:00*	*10/09/13 13:55*	*1*

Lab Sample ID: LCS 500-205721/2-A
Matrix: Water
Analysis Batch: 206246

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 205721

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Methylnaphthalene	32.0	26.1		ug/L		82	42 - 110
Acenaphthene	32.0	30.3		ug/L		95	44 - 110
Acenaphthylene	32.0	29.2		ug/L		91	48 - 114
Anthracene	32.0	30.1		ug/L		94	58 - 127
Benzo[a]anthracene	32.0	29.8		ug/L		93	64 - 119
Benzo[a]pyrene	32.0	31.0		ug/L		97	70 - 119
Benzo[b]fluoranthene	32.0	33.4		ug/L		104	68 - 130
Benzo[g,h,i]perylene	32.0	31.9		ug/L		100	48 - 140
Benzo[k]fluoranthene	32.0	31.2		ug/L		98	60 - 133
Chrysene	32.0	33.4		ug/L		104	57 - 122
Dibenz(a,h)anthracene	32.0	32.2		ug/L		101	59 - 132
Fluoranthene	32.0	31.8		ug/L		99	57 - 135
Fluorene	32.0	31.7		ug/L		99	50 - 121
Indeno[1,2,3-cd]pyrene	32.0	33.6		ug/L		105	58 - 138
Naphthalene	32.0	26.6		ug/L		83	38 - 110
Phenanthrene	32.0	29.4		ug/L		92	56 - 131
Pyrene	32.0	30.5		ug/L		95	67 - 116

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

Lab Sample ID: LCS 500-205721/2-A
Matrix: Water
Analysis Batch: 206246

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 205721

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorobiphenyl	*100*		*41 - 132*
Nitrobenzene-d5 (Surr)	*109*		*47 - 134*
Terphenyl-d14 (Surr)	*113*		*59 - 150*

Lab Sample ID: MB 500-206040/1-A
Matrix: Water
Analysis Batch: 206445

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 206040

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<1.0		1.0	1.0	ug/L		10/08/13 08:16	10/10/13 11:41	1
2-Methylnaphthalene	<0.13		0.50	0.13	ug/L		10/08/13 08:16	10/10/13 11:41	1
Acenaphthene	<0.36		1.0	0.36	ug/L		10/08/13 08:16	10/10/13 11:41	1
Acenaphthylene	<0.32		1.0	0.32	ug/L		10/08/13 08:16	10/10/13 11:41	1
Anthracene	<0.32		1.0	0.32	ug/L		10/08/13 08:16	10/10/13 11:41	1
Benzo[a]anthracene	<0.044		0.20	0.044	ug/L		10/08/13 08:16	10/10/13 11:41	1
Benzo[a]pyrene	<0.056		0.20	0.056	ug/L		10/08/13 08:16	10/10/13 11:41	1
Benzo[b]fluoranthene	<0.058		0.20	0.058	ug/L		10/08/13 08:16	10/10/13 11:41	1
Benzo[g,h,i]perylene	<0.42		1.0	0.42	ug/L		10/08/13 08:16	10/10/13 11:41	1
Benzo[k]fluoranthene	<0.074		0.20	0.074	ug/L		10/08/13 08:16	10/10/13 11:41	1
Chrysene	<0.14		0.50	0.14	ug/L		10/08/13 08:16	10/10/13 11:41	1
Dibenz(a,h)anthracene	<0.064		0.30	0.064	ug/L		10/08/13 08:16	10/10/13 11:41	1
Fluoranthene	<0.32		1.0	0.32	ug/L		10/08/13 08:16	10/10/13 11:41	1
Fluorene	<0.38		1.0	0.38	ug/L		10/08/13 08:16	10/10/13 11:41	1
Indeno[1,2,3-cd]pyrene	<0.084		0.20	0.084	ug/L		10/08/13 08:16	10/10/13 11:41	1
Naphthalene	1.46		1.0	0.30	ug/L		10/08/13 08:16	10/10/13 11:41	1
Phenanthrene	<0.35		1.0	0.35	ug/L		10/08/13 08:16	10/10/13 11:41	1
Pyrene	<0.48		1.0	0.48	ug/L		10/08/13 08:16	10/10/13 11:41	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	*79*		*48 - 110*	*10/08/13 08:16*	*10/10/13 11:41*	*1*
Nitrobenzene-d5 (Surr)	*84*		*41 - 110*	*10/08/13 08:16*	*10/10/13 11:41*	*1*
Terphenyl-d14 (Surr)	*163*	*X **	*44 - 132*	*10/08/13 08:16*	*10/10/13 11:41*	*1*

Lab Sample ID: LCS 500-206040/2-A
Matrix: Water
Analysis Batch: 206445

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 206040

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Methylnaphthalene	40.0	27.6		ug/L		69	39 - 110
Acenaphthene	40.0	29.1		ug/L		73	53 - 110
Acenaphthylene	40.0	31.3		ug/L		78	56 - 110
Anthracene	40.0	33.9		ug/L		85	58 - 110
Benzo[a]anthracene	40.0	32.5		ug/L		81	62 - 110
Benzo[a]pyrene	40.0	32.6		ug/L		81	63 - 110
Benzo[b]fluoranthene	40.0	32.9		ug/L		82	60 - 111
Benzo[g,h,i]perylene	40.0	34.6		ug/L		87	56 - 123
Benzo[k]fluoranthene	40.0	34.6		ug/L		87	59 - 116
Chrysene	40.0	35.5		ug/L		89	62 - 111

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

Lab Sample ID: LCS 500-206040/2-A
Matrix: Water
Analysis Batch: 206445

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 206040

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Dibenz(a,h)anthracene			40.0	34.5		ug/L		86	59 - 120		
Fluoranthene			40.0	36.6		ug/L		91	62 - 112		
Fluorene			40.0	34.0		ug/L		85	53 - 110		
Indeno[1,2,3-cd]pyrene			40.0	33.9		ug/L		85	61 - 117		
Naphthalene			40.0	29.4		ug/L		73	39 - 110		
Phenanthrene			40.0	36.0		ug/L		90	59 - 110		
Pyrene			40.0	32.5		ug/L		81	58 - 115		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl	*82*		*48 - 110*
Nitrobenzene-d5 (Surr)	*75*		*41 - 110*
Terphenyl-d14 (Surr)	*96*		*44 - 132*

Lab Sample ID: LCSD 500-206040/3-A
Matrix: Water
Analysis Batch: 206445

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 206040

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2-Methylnaphthalene			40.0	26.0		ug/L		65	39 - 110	6	20
Acenaphthene			40.0	28.0		ug/L		70	53 - 110	4	20
Acenaphthylene			40.0	30.0		ug/L		75	56 - 110	4	20
Anthracene			40.0	35.8		ug/L		90	58 - 110	5	20
Benzo[a]anthracene			40.0	34.9		ug/L		87	62 - 110	7	20
Benzo[a]pyrene			40.0	33.8		ug/L		85	63 - 110	4	20
Benzo[b]fluoranthene			40.0	34.2		ug/L		86	60 - 111	4	20
Benzo[g,h,i]perylene			40.0	35.4		ug/L		88	56 - 123	2	20
Benzo[k]fluoranthene			40.0	36.7		ug/L		92	59 - 116	6	20
Chrysene			40.0	37.0		ug/L		92	62 - 111	4	20
Dibenz(a,h)anthracene			40.0	35.6		ug/L		89	59 - 120	3	20
Fluoranthene			40.0	39.8		ug/L		100	62 - 112	8	20
Fluorene			40.0	33.4		ug/L		84	53 - 110	2	20
Indeno[1,2,3-cd]pyrene			40.0	35.0		ug/L		88	61 - 117	3	20
Naphthalene			40.0	28.0		ug/L		70	39 - 110	5	20
Phenanthrene			40.0	36.8		ug/L		92	59 - 110	2	20
Pyrene			40.0	35.6		ug/L		89	58 - 115	9	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2-Fluorobiphenyl	*78*		*48 - 110*
Nitrobenzene-d5 (Surr)	*72*		*41 - 110*
Terphenyl-d14 (Surr)	*105*		*44 - 132*

Lab Chronicle

Client: Tetra Tech GEO
Project/Site: Beazer Oak Creek - 117-2201313.03

TestAmerica Job ID: 500-64332-1

Client Sample ID: MW- 125

Lab Sample ID: 500-64332-1

Date Collected: 10/03/13 08:10

Matrix: Ground Water

Date Received: 10/04/13 08:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		10	206317	10/09/13 17:21	EMA	TAL CHI
Total/NA	Analysis	8260B	DL	100	206317	10/09/13 17:45	EMA	TAL CHI
Total/NA	Prep	3510C			206040	10/08/13 08:16	DAK	TAL CHI
Total/NA	Analysis	8270D		10	206445	10/10/13 16:01	WDS	TAL CHI
Total/NA	Prep	3510C	DL		206040	10/08/13 08:16	DAK	TAL CHI
Total/NA	Analysis	8270D	DL	200	206626	10/11/13 14:29	PMF	TAL CHI

Client Sample ID: MW-123

Lab Sample ID: 500-64332-2

Date Collected: 10/03/13 08:30

Matrix: Ground Water

Date Received: 10/04/13 08:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		10	206317	10/09/13 18:09	EMA	TAL CHI
Total/NA	Analysis	8260B	DL	500	206496	10/10/13 20:00	EMA	TAL CHI
Total/NA	Prep	3510C			206040	10/08/13 08:16	DAK	TAL CHI
Total/NA	Analysis	8270D		10	206445	10/10/13 16:19	WDS	TAL CHI
Total/NA	Prep	3510C	DL		206040	10/08/13 08:16	DAK	TAL CHI
Total/NA	Analysis	8270D	DL	500	206626	10/11/13 14:53	PMF	TAL CHI

Client Sample ID: MW-122

Lab Sample ID: 500-64332-3

Date Collected: 10/03/13 09:00

Matrix: Ground Water

Date Received: 10/04/13 08:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		10	206317	10/09/13 18:59	EMA	TAL CHI
Total/NA	Analysis	8260B	DL	100	206317	10/09/13 19:23	EMA	TAL CHI
Total/NA	Prep	3510C			205721	10/04/13 18:00	JP1	TAL CHI
Total/NA	Analysis	8270D		10	206246	10/09/13 19:26	PMF	TAL CHI
Total/NA	Prep	3510C	DL		205721	10/04/13 18:00	JP1	TAL CHI
Total/NA	Analysis	8270D	DL	200	207251	10/16/13 11:59	PMF	TAL CHI

Client Sample ID: Trip Blank

Lab Sample ID: 500-64332-4

Date Collected: 10/03/13 00:00

Matrix: Water

Date Received: 10/04/13 08:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	206317	10/09/13 15:42	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 - 117-2201313.03

TestAmerica Job ID: 500-64332-1

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	10-30-13 *
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

THE LEADER IN ENVIRONMENTAL T

2417 Bond Street, University Park, IL 6048
Phone: 708.534.5200 Fax: 708.534.5

500-64332 COC

(optional)

Report To
Contact: MICHAEL NOEL
Company: TETRA TECH
Address: 175 N. CORPORATE DR SUITE 100
Address: BROOKFIELD, WI 53045
Phone: (262) 792-1282
Fax: (262) 792-1310
E-Mail:

(optional)

Bill To
Contact: SAME AS REPORT TO:
Company:
Address:
Address:
Phone:
Fax:
PO#/Reference#

Chain of Custody Record

Lab Job #: 500-64332
Chain of Custody Number:
Page 1 of 1
Temperature °C of Cooler: 3.3

OLD

Client: TETRA TECH
Client Project #: 117-220289.02
NEW: 117-220313.03
Project Name: BEAZER-OAK CREEK
Project Location/State: OAK CREEK, WI
Lab Project #:
Sampler: TODD M. THOMSON
Lab PM: SANDIE FREDRICK

Lab ID	MS/MSD	Sample ID	Sampling Date	Sampling Time	# of Containers	Matrix	Preservative	1	8							Comments
							Parameter	VOCs 8260	PAHs 8270							
1		MW-125	10-3	08:10	4	GW		✓	✓							
2		MW-123	10-3	08:30	4	GW		✓	✓							
3		MW-122 *	10-3	09:00	5	GW		✓	✓							
4		TRIP BLANK	—	—	1	DI		✓								LAB PREPARED

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

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
[signature]	TETRA TECH	10-3-13	17:00	[signature]	TA-CHS	10/4/13	0850
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: * MW-122 DRY, SO SECOND BOTTLE COULD NOT BE FILLED *

Lab Comments:

Login Sample Receipt Checklist

Client: Tetra Tech GEO

Job Number: 500-64332-1

Login Number: 64332

List Source: TestAmerica Chicago

List Number: 1

Creator: Scott, Sherri L

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	3.3
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.	False	
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	