



June 1, 2016

Mr. David Pyle
Krausz Companies, Inc.
44 Montgomery Street, Suite 3300
San Francisco, CA 94104-4806

RE: Off-Site Ground Water Investigation Report for KE Bentley, LLC & KGC Bentley Two, LLC
Bentley Mall, Fairbanks, Alaska

Dear Mr. Pyle,

Environmental Resource Group (ERG) has prepared this Ground Water Investigation Report (Report) for Bentley Mall East Satellite, ADEC File #102.38.122 (Site) (Figure 1). This Report describes the ground water investigation performed to assess ground water flow direction and potential contaminant contributors to the ground water plume.

FIELD INVESTIGATION OF GROUND WATER FLOW AND QUALITY

In order to properly assess potential contributors to the ground water plume, a full understanding of the ground water flow direction in the immediate region is essential. ERG identified monitor wells at sites from ADEC's database of contaminated sites that would provide a proper overview of the regional gradient and ground water flow (Figure 1). ERG communicated with the contacts for each of the respective sites to gain access to the monitor wells, measure depth to water, sample the well and survey the well.

Adjacent properties that were identified for further investigation were NC Machinery, 530 Old Steese Highway, GVEA, the Letter Shop, and 229 Third Street.

NC Machinery (730 Old Steese Highway)

NC Machinery is located upgradient of the Bentley Mall and had several remedial excavations to remove underground storage tanks (USTs) as well as a dry well. This site has had historical detections of chlorinated solvents and petroleum hydrocarbons in its monitor wells since the mid-90's. All monitor wells were sampled in August 2015 by the property's consultant. Three monitor wells were sampled at this property for this effort in December 2015.

530 Old Steese Highway

530 Old Steese Highway is located adjacent to and upgradient of the Bentley Mall and is currently occupied by a Walgreens. This property removed two underground storage tanks (USTs) with diesel and hydraulic oil in 2014. In addition, the property had a detection of tetrachloroethylene (PCE) of 12.3 µg/L in a grab groundwater sample collected near the northwest corner of the property in January 2015. There is a monitor well located in the public right of way by the property, however it could not be located during this sampling event due to weather conditions.

Golden Valley Electric Association (GVEA) [DEC # 103.23.001] (Illinois Street)

GVEA is located the furthest downgradient of the Bentley Mall and has historically had diesel contamination at the property. Chlorinated solvents have been detected in monitor wells since 1992.

Based on prior years' reports, the source of chlorinated solvents is located upgradient from the GVEA site. Three monitor wells were sampled at this property.

The Letter Shop [DEC # 102.23.015]/US Travel [DEC # 102.26.046] (SE corner Old Steese Hwy. & Second St./ 230 Old Steese Hwy.)

The Letter Shop is located to the southeast of the Charles Slater Subdivision. This property operates as a printing shop under the name Graphic North. Soil samples were collected in 1992 and 1995 in order to assess contamination within the existing right of way as well as within the area that will be acquired during the proposed expansion of Old Steese Highway. Soil samples revealed concentrations of PCE in the subsurface up to approximately 5 feet below ground surface (ft bgs). PCE was also detected at 48 µg/L in ground water. Access to monitor wells was not available, however monitor wells at US Travel (230 Old Steese Hwy) are cross-gradient from the property and are approximately 200 to 400 feet away. Six monitor wells were sampled at the US Travel property.

229 Third Street [DEC # 102.38.130]/US Travel (230 Old Steese Hwy.)

229 Third Street is located to the southeast of the Charles Slater Subdivision. This property once operated as a dry cleaner in the 1960's, it is unknown how long the dry cleaners existed at this location. In 2005, PCE was detected in a soil sample collected between 8' and 10' below ground surface at the property. However, PCE was not detected above the method detection limit in ground water. Most recently, in 2015, soil samples were collected during the excavation of two UST and the building foundation. Samples revealed concentrations of PCE in soil up to 9.5' below ground surface. While no monitor wells were tested at 229 Third Street, US Travel wells were sampled per above. Monitor wells at US Travel (230 Old Steese Hwy) are downgradient from the property and are approximately 500 to 750 feet away.

Fairbanks Area-Wide Industrial Reclamation Project (FAIR)[DEC # 102.38.155]/Tesoro North (Chase Drive)

Four additional monitor wells affiliated with the Fairbanks Area-Wide Industrial Reclamation Project (FAIR) and one well from Tesoro North were also sampled in order to potentially delineate the plume as well as to understand if any other potential sites may be contributing to the contamination.

General Ground Water Flow Direction

On December 1, 2015, depth to water was measured in 30 monitor wells (Table 1) with the exception of BM-MW-8, which was measured on December 3, 2015. Depth to water was measured from the top of each well casing using an electronic water level meter. The water level measurements were recorded to the nearest 0.01 foot, consistent with surveyed elevation data.

A study from the U.S. Geological Survey (USGS) determined that, in general, ground water discharges to Noyes Slough during the winter months and is recharged by Noyes Slough in the spring snow melt and summer rainy season which alters ground water gradient and flow direction (USGS 1996). There are no gauging stations currently located on Noyes Slough and it is not known if Noyes Slough had any influence on ground water flow direction on December 1, 2015. Ground water elevation contours are shown on Figures 2 and 3, which show ground elevations with influence from Noyes Slough and without influence from Noyes Slough.

Ground Water Sampling

Ground water sampling was performed from December 1 to December 3, 2015. Eighteen monitor wells were sampled including Bentley Mall's MW-1 and MW-8. Ground water sampling generally followed ADEC's Field Sampling Guidance dated May 2010, and the ground water monitoring sample and analysis plan (SAP) and ERG's Standard Operating Procedures (SOPs) (August 2014).

Before ground water sampling, each well was purged using low-flow techniques described in the “Low-Flow (Minimal Drawdown) Ground Water Sampling Procedures” (ASTM No 6771-02, 2002). Dedicated tubing, attached to a peristaltic pump, was lowered to the mid-point of the reported screen zone. The pump was set to a rate of less than 1 liter per minute and pH, dissolved oxygen (DO), specific conductance (SC), oxidation reduction potential (ORP), depth to water (DTW) and temperature were measured in three to five minute intervals within a flow-through cell. When depth to water remained constant and parameters appeared to stabilize in three consecutive readings, the pump rate was reduced, the tube was disconnected from the flow-through cell and samples were collected directly from the dedicated tubing.

From each monitor well, laboratory-supplied sample vials for analysis of volatile organic compounds were filled with ground water and sealed with zero headspace. Sample containers were labeled and stored in a prechilled cooler and overnighed to TestAmerica Laboratories Inc., an ADEC certified analytical laboratory, following standard COC protocols for the requested analyses.

The samples were analyzed for volatile organic compounds (VOCs) by Environmental Protection Agency (EPA) Method 8260C. Copies of the chain of custody record and the analytical reports are included in Appendix A. The field data sheets are presented in Appendix B.

Ground Water Analytical Results

Ground water analytical results are summarized in Table 2, including sampling data from August and September 2015 and are compared to ADEC ground water cleanup levels released in October 2008. Figures 4 through 7 depict isoconcentration contours for tetrachloroethylene (PCE), trichloroethylene (TCE), cis-1,2-dichloroethylene (cis-1,2 DCE), and trans-1,2-DCE, respectively.

Monitor Well Survey

From December 1st to 4th, 2015, all monitor wells were surveyed by Design Alaska to a North American Vertical Datum (NAVD) 88 elevation for the top of casing and Alaska State Plane North American Datum (NAD) 83 for location. Monitor well survey elevations are provided in Appendix C.

CONCLUSIONS

The following conclusions are based on the recent ground water investigation:

- The general ground water flow direction in the 2015 winter season is towards the northwest with the direction shifting slightly more towards the west when influenced by the Noyes Slough.
- Constituents affiliated with petroleum hydrocarbons were detected primarily in monitor wells affiliated with US Travel and Tesoro North, which are both sites with former leaking USTs. These constituents were not detected above the laboratory reporting limit in Bentley Mall monitor wells.
- PCE was detected in concentrations less than 0.50µg/L in monitor wells sampled at US Travel and Tesoro North.
- PCE was not detected above the laboratory reporting limit in monitor wells sampled at NC Machinery during this sampling event. However, in August 2015, PCE was detected at 5.5J and 22 µg/L in two monitor wells at NC Machinery.

- PCE was detected in the monitor wells at GVEA with the highest concentration being in the Zehnder well, which is the furthest downgradient monitor well sampled this event.
- TCE, a breakdown product of PCE, was detected primarily in monitor wells downgradient of the East Satellite Building, which is indicative of potential degradation activity.
- Cis-1,2 DCE, also a breakdown product of PCE, was detected in monitor wells at NC Machinery in August and December 2015 that were two orders of magnitude higher than concentrations detected in any other monitor wells sampled during this event.
- The highest concentration of trans-1,2 DCE was detected in a monitor well at NC Machinery in August 2015.
- Vinyl chloride was detected at an estimated concentration of 0.12J µg/L in a monitor well sampled at US Travel.

Please call if you have any questions or comments, or if we can be of further assistance.

Sincerely,
Environmental Resource Group, Inc.



Benjamin Wells
President

Tables
Figures
Appendix A: Laboratory Analytical Reports
Appendix B: Field Sheets
Appendix C: Monitor Well Survey

TABLES

Table 1
Ground Water Elevations
Fairbanks, Alaska

WELL GROUP	WELL ID	Date Collected	Top of Casing (ft msl)	Depth to Water (ft below TOC)	Total Depth (ft below TOC)	Ground Water Elevation (ft msl)
US TRAVEL	US-MW-2	12/1/2015	440.92	10.43	18.49	430.49
	US-MW-5	12/1/2015	440.90	10.42	17.33	430.48
	US-MW-7	12/1/2015	440.65	10.34	18.14	430.31
	US-MW-8	12/1/2015	444.21	13.86	18.62	430.35
	US-MW-9	12/1/2015	443.08	12.69	19.39	430.39
	US-MW-10	12/1/2015	443.90	13.5	18.75	430.40
GVEA	GVEA-MW-6	12/1/2015	444.64	15.16	22.35	429.48
	GVEA-MW-7	12/1/2015	445.38	15.91	19.41	429.47
	ZEHNDER	12/1/2015	445.62	16.27	24.27	429.35
FAIR	FAIR-2	12/1/2015	439.57	10.35	19.39	429.22
	FAIR-3	12/1/2015	442.67	12.77	19.21	429.90
	FAIR-5	12/1/2015	443.40	12.89	18.81	430.51
NC MACHINERY	NC-MW-3	12/1/2015	444.90	13.31	19.04	431.59
	NC-MW-5	12/1/2015	445.38	14.05	18.46	431.33
	NC-MW-10	12/1/2015	445.14	13.7	16.76	431.44
	NC-MW-11	12/1/2015	443.84	13.3	19.47	430.54
BENTLEY MALL	BM-MW-1	12/1/2015	446.55	15.44	19.23	431.11
	BM-MW-2	12/1/2015	446.14	15.3	18.75	430.84
	BM-MW-3	12/1/2015	445.87	15.08	45.5	430.79
	BM-MW-4	12/1/2015	444.28	13.55	18.17	430.73
	BM-MW-5	12/1/2015	447.89	17.48	29.15	430.41
	BM-MW-6	12/1/2015	447.69	17.31	20.98	430.38
	BM-MW-7	12/1/2015	449.80	19.72	24.00	430.08
	BM-MW-8	12/3/2015	441.62	11.95	19.94	429.67
	BM-MW-9	12/1/2015	441.47	11.57	20.17	429.90
	BM-MW-10	12/1/2015	442.90	12.69	19.75	430.21
	BM-MW-11	12/1/2015	441.83	11.94	19.91	429.89
	BM-MW-12	12/1/2015	445.83	15.08	20.52	430.75
	BM-MW-13	12/1/2015	446.14	15.39	20.12	430.75
Tesoro North	TSN-MW-1	12/1/2015	445.01	13.93	18.5	431.08

Notes:

ft msl: feet above mean sea level

TOC: top of casing

Table 2
Ground Water Analytical Results
Fairbanks, Alaska

WELL GROUP	WELL ID	SAMPLE DATE	TOTAL WELL DEPTH	Tetrachloroethylene	Trichloroethylene	cis-1,2 DCE	trans-1,2 DCE	Vinyl Chloride	1,1 DCE	1,2 DCA	Trichlorofluoromethane	1,2-Dichlorobenzene	1,4-Dichlorobenzene	Chloroform	Methylene Chloride	Methyl Chloride	Acetone	Benzene	Toluene	Ethylbenzene	m-Xylene & p-Xylene	o-Xylene	Hexane	Isopropylbenzene	Naphthalene	Propylbenzene	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	p-Isopropyltoluene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	
				µg/L																													
ADEC Screening Levels**			ft below toc	58	5.2	44	380	1.4	200	19	180	2660	22	7.1	390	260	2.25E+07	14	19200	30	490	490	10	890	40	2420	280	250	340	--	29	20	
TESORO NORTH	TSN-MW-1	12/1/2015	18.50	0.37J	<1	<1	<1	<1	0.34J	<1	9.8	<1	0.17J	0.21J	<2	<2	10	6.3	0.31J	0.20J	0.81J	<1	<1	<1	0.60J	0.48J	0.65J	0.75J	0.18J	<1	0.40J	1.4	
		12/1/2015	18.50	0.33J	<1	<1	<1	<1	0.38J	<1	10	<1	<1	0.20J	<2	0.31J	<5	6.1	0.30J	0.19J	0.71J	<1	<1	<1	0.58J	0.41J	0.47J	0.63J	<1	<1	0.34J	1.3	
530 Old Steese Hwy	MW-1-15	1/13/2015	15***	12.3	--	--	--	--	--	--	--	--	--	--	--	--	--	1.8	<1	<1	2.5	2.5	--	--	0.4	--	--	--	--	--	--	--	--
	MW-1-25	1/13/2015	25***	<1	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.4	<1	<1	<3	<3	--	--	<0.1	--	--	--	--	--	--	--	--
	MW-2-15	1/13/2015	15***	<1	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.4	<1	<1	<3	<3	--	--	<0.1	--	--	--	--	--	--	--	--
	MW-2-25	1/13/2015	25***	<1	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.4	<1	<1	<3	<3	--	--	<0.1	--	--	--	--	--	--	--	--

Notes:

*: method detection limit is shown
<: not reported above limit shown

420 reported above ADEC screening level
µg/L: micrograms per liter

--: not analyzed/not applicable
ft below TOC: feet below top of casing

E: Result exceeded calibration range
J: estimated value

** : ADEC Screening Levels used are for residential scenarios and are found in Appendix G of the October 2012 Vapor Intrusion Guidance for Contaminated Sites

***: Grab ground water samples. Depths are feet below ground surface

FIGURES

Figure 1
Vicinity Map of Alaska
DEC Listed Sites
Bentley Mall, Fairbanks, AK



- Bentley Mall
- NC Machinery
- Walgreens
- US Travel/Allstate
- GVEA Complex
- Tesoro North
- Potential Receptors

- Type of Contaminant**
- Petroleum Hydrocarbons
 - Petroleum Hydrocarbons & Solvents
 - Solvents

- Site Designation**
- Cleanup Complete
 - Cleanup Complete - Institutional Controls
 - Active

- Others**
- Pending
 - Ground Water Monitoring Well
 - Active USTs

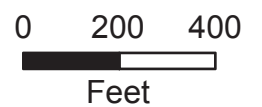
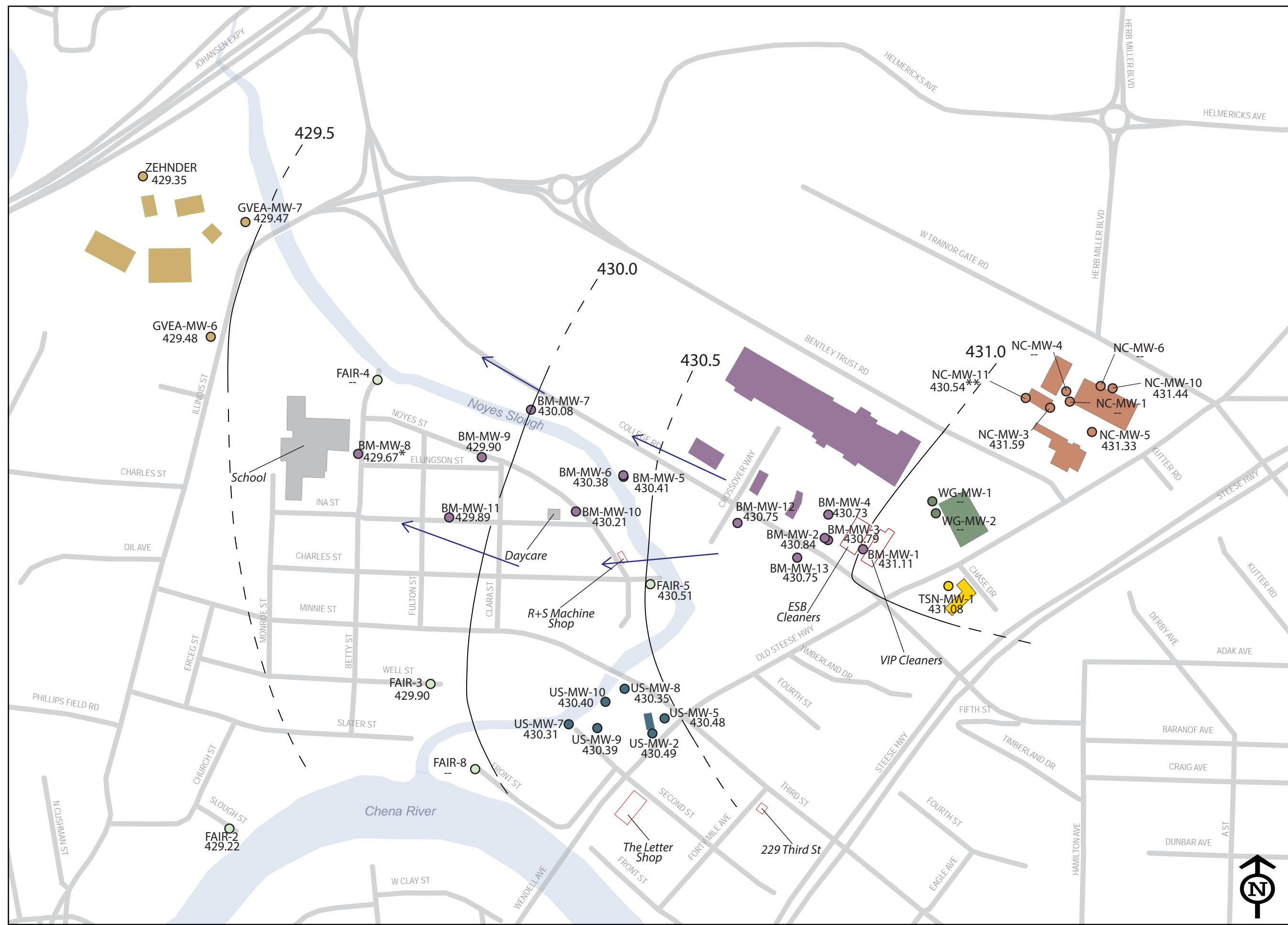


Figure 2
Groundwater Elevation
with No Influence from
the Noyes Slough
 Bentley Mall, Fairbanks, AK



- Bentley Mall
- NC Machinery
- Walgreens
- US Travel/Allstate
- GVEA Complex
- FAIR Wells
- Tesoro North
- Potential Receptors
- WELL ID 431.44
- Groundwater elevation (ft; NAVD 88)
- Groundwater elevation contours
- Not Measured
- Collected: Dec 3, 2015
- Interpreted as 431.54
- General ground water flow direction

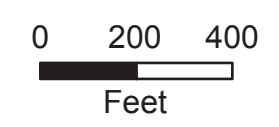
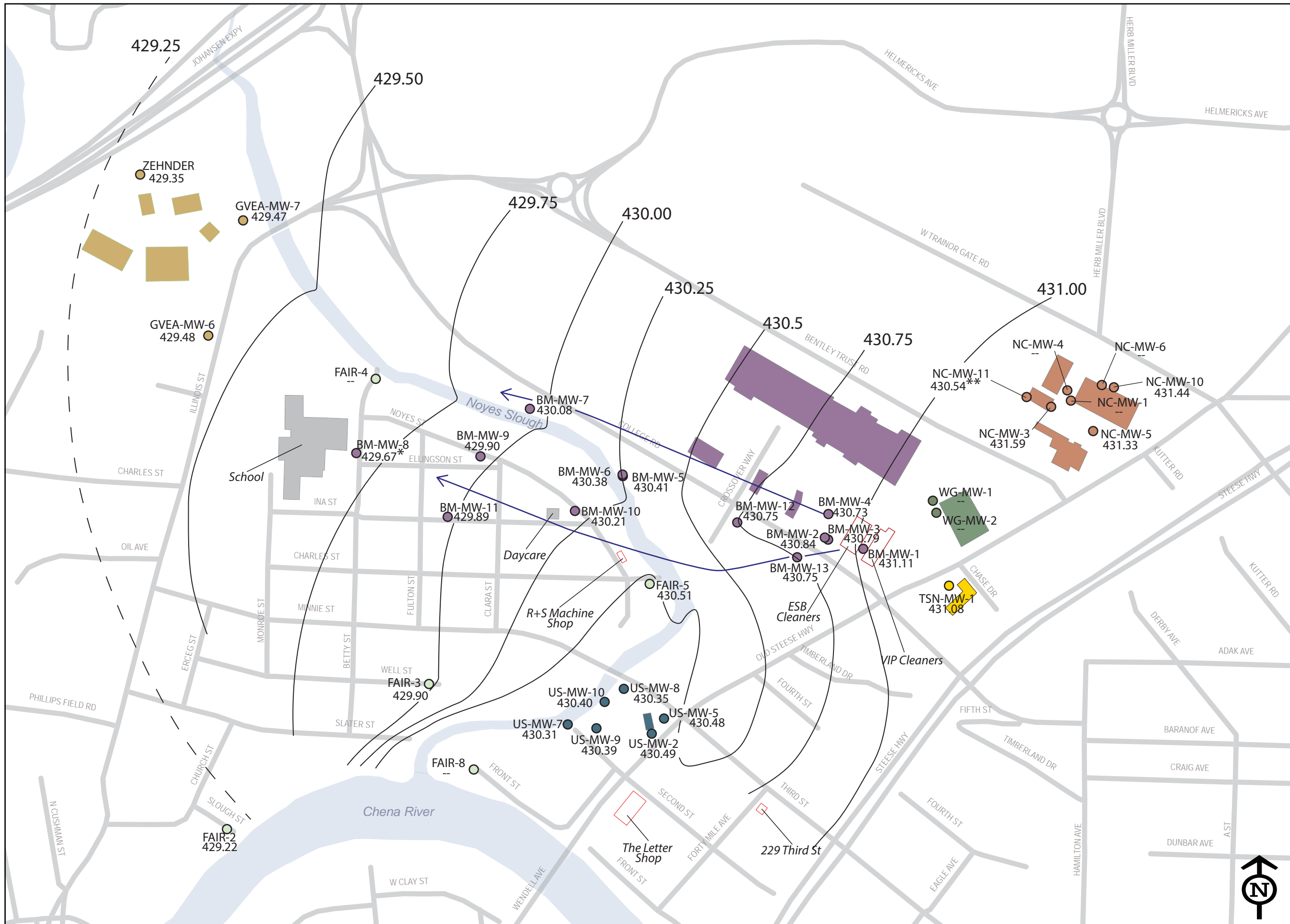


Figure 3
Groundwater Elevation with Influence from the Noyes Slough
 Bentley Mall, Fairbanks, AK



- Bentley Mall
- NC Machinery
- Walgreens
- US Travel/Allstate
- GVEA Complex
- FAIR Wells
- Tesoro North
- Potential Receptors
- WELL ID 431.44
- Groundwater elevation (ft; NAVD 88)
- Groundwater elevation contours
- Not Measured
- * Collected: Dec 3, 2015
- ** Interpreted as 431.54
- General ground water flow direction

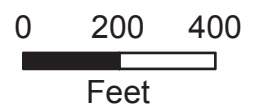
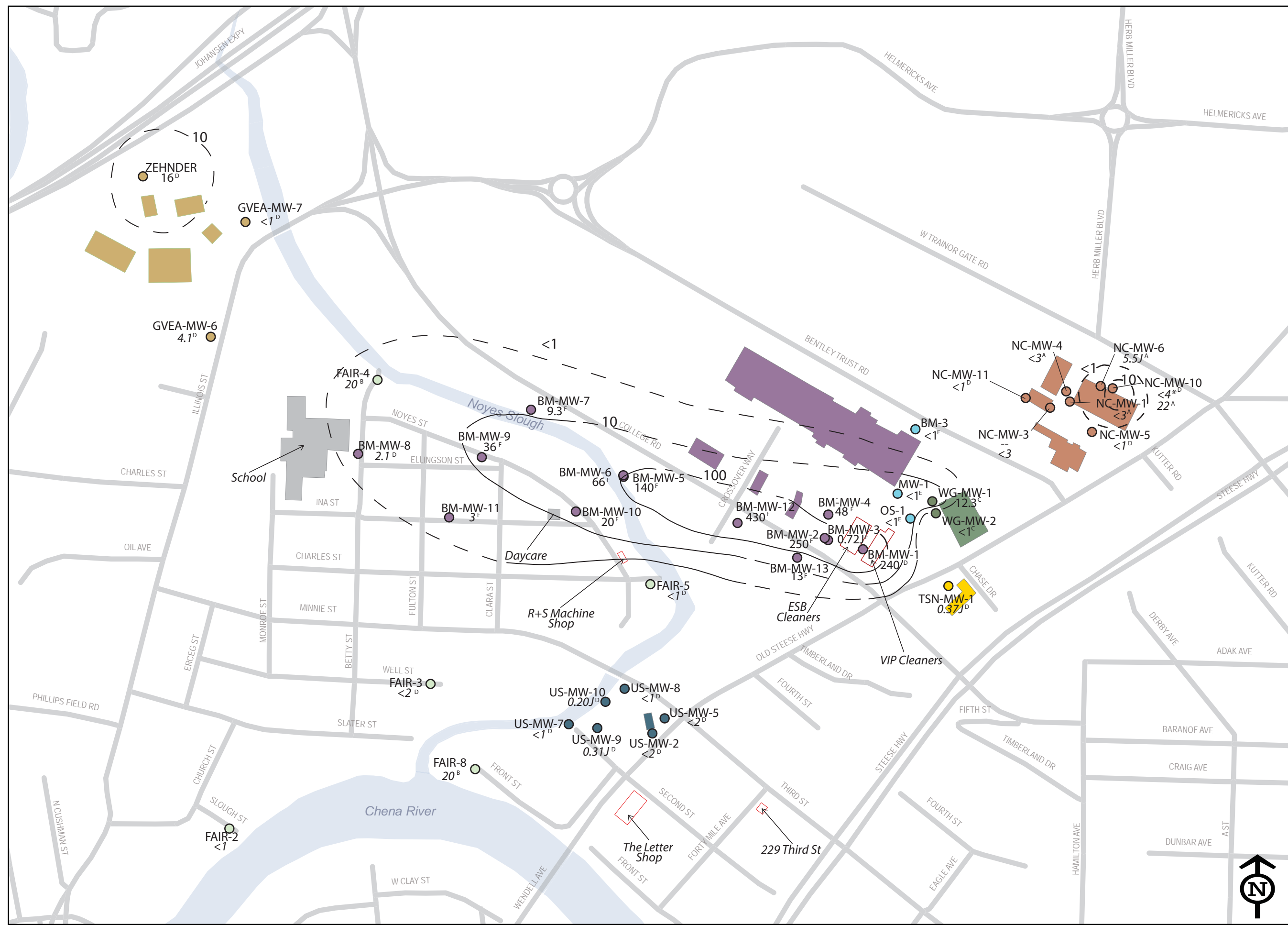


Figure 4
Tetrachloroethene
Isoconcentrations
 Bentley Mall, Fairbanks, AK



- Bentley Mall
- NC Machinery
- Walgreens
- US Travel/Allstate
- GVEA Complex
- Tesoro North
- Office Max
- Potential Receptors
- WELL ID 48
- Tetrachloroethene concentration (µg/L)
- J Estimated value
- * Method detection limit shown
- Tetrachloroethylene isoconcentrations
- Not Analyzed

Superscripts

- A Sampled 8/2015
- B Sampled 2002, not used to contour
- C Sampled at 15bgs 1/2015
- D Sampled 12/2015
- E Sampled 3/2003, not used to contour
- F Sampled 9/2015

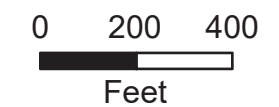
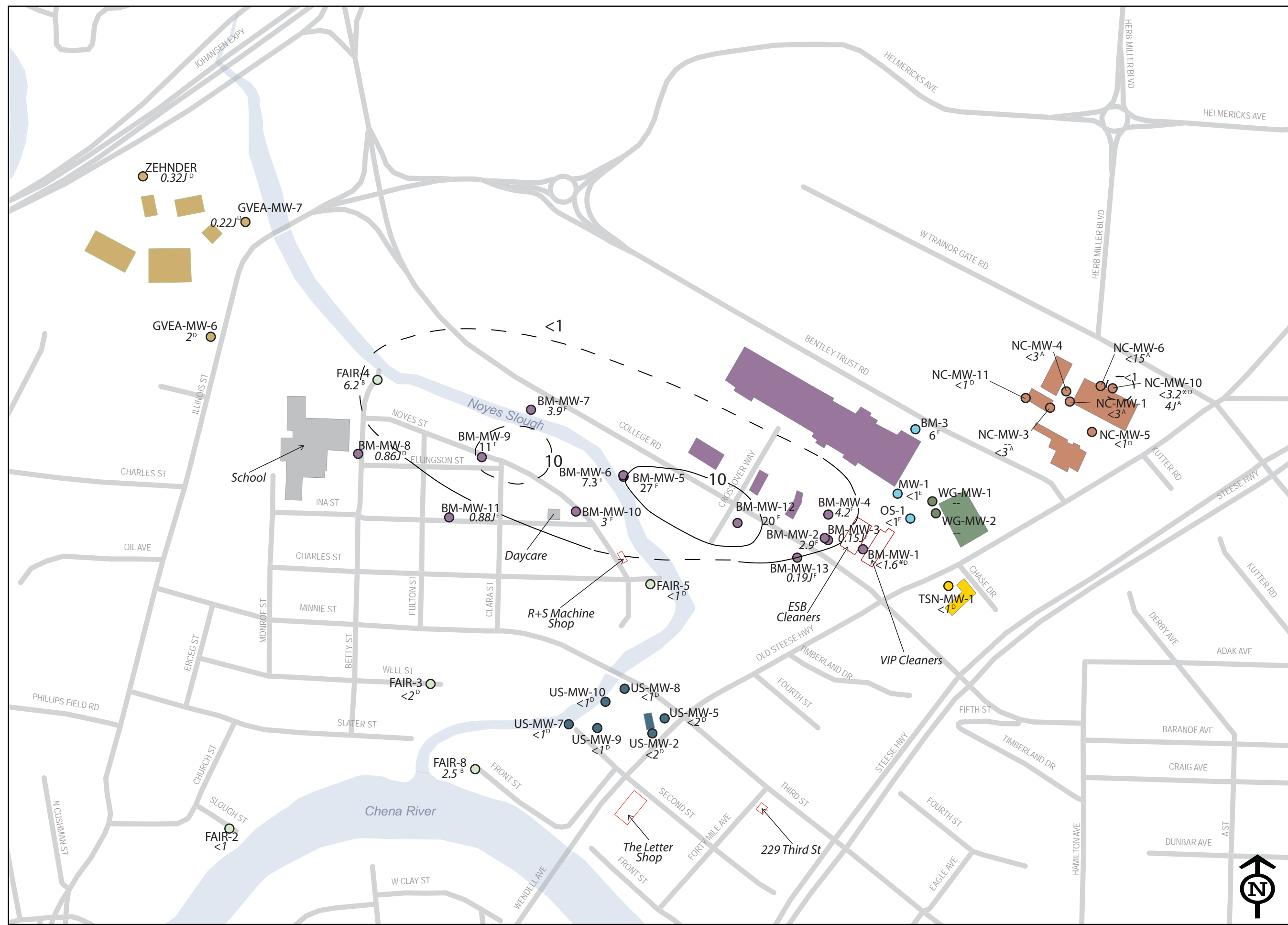


Figure 5
Trichloroethene
Isoconcentrations
 Bentley Mall, Fairbanks, AK



- Bentley Mall
 - NC Machinery
 - Walgreens
 - US Travel/Allstate
 - GVEA Complex
 - Tesoro North
 - Office Max
 - Potential Receptors
 - Trichloroethene concentration (µg/L)
 - J Estimated value
 - * Method detection limit shown
 - Trichloroethylene isoconcentrations
 - Not Analyzed
- Superscripts**
- A Sampled 8/2015
 - B Sampled 2002, not used to contour
 - C Sampled at 15bgs 1/2015
 - D Sampled 12/2015
 - E Sampled 3/2003, not used to contour
 - F Sampled 9/2015

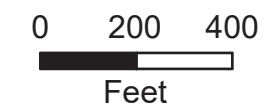
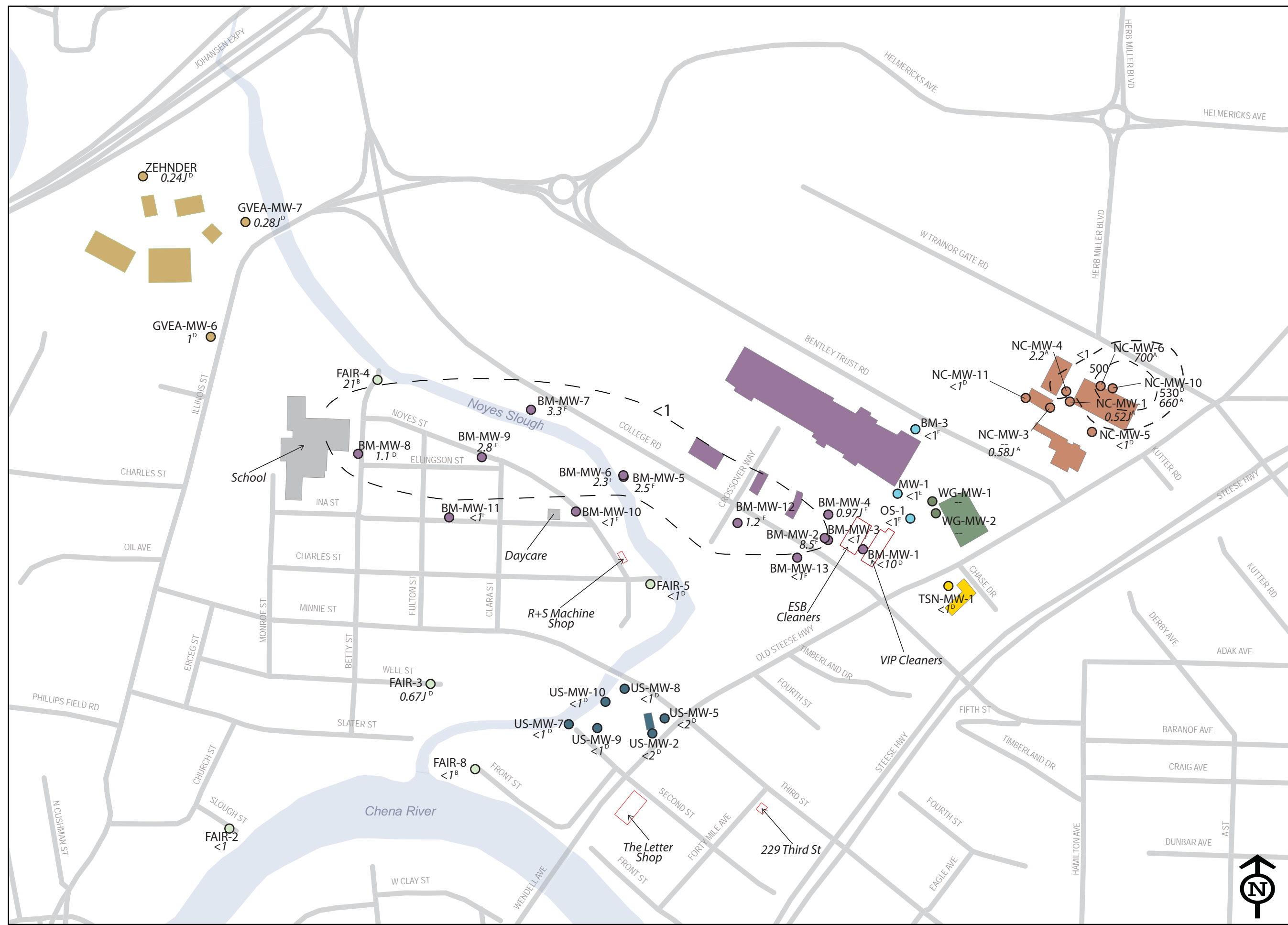


Figure 6
cis-1,2 DCE
Isoconcentrations
Bentley Mall, Fairbanks, AK



- Bentley Mall
 - NC Machinery
 - Walgreens
 - US Travel/Allstate
 - GVEA Complex
 - Tesoro North
 - Office Max
 - Potential Receptors
 - cis-1,2 DCE concentration (µg/L)
 - J Estimated value
 - * Method detection limit shown
 - cis-1,2 DCE isoconcentrations
 - Not Analyzed
- Superscripts
- A Sampled 8/2015
 - B Sampled 2002, not used to contour
 - C Sampled at 15bgs 1/2015
 - D Sampled 12/2015
 - E Sampled 3/2003, not used to contour
 - F Sampled 9/2015

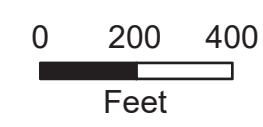
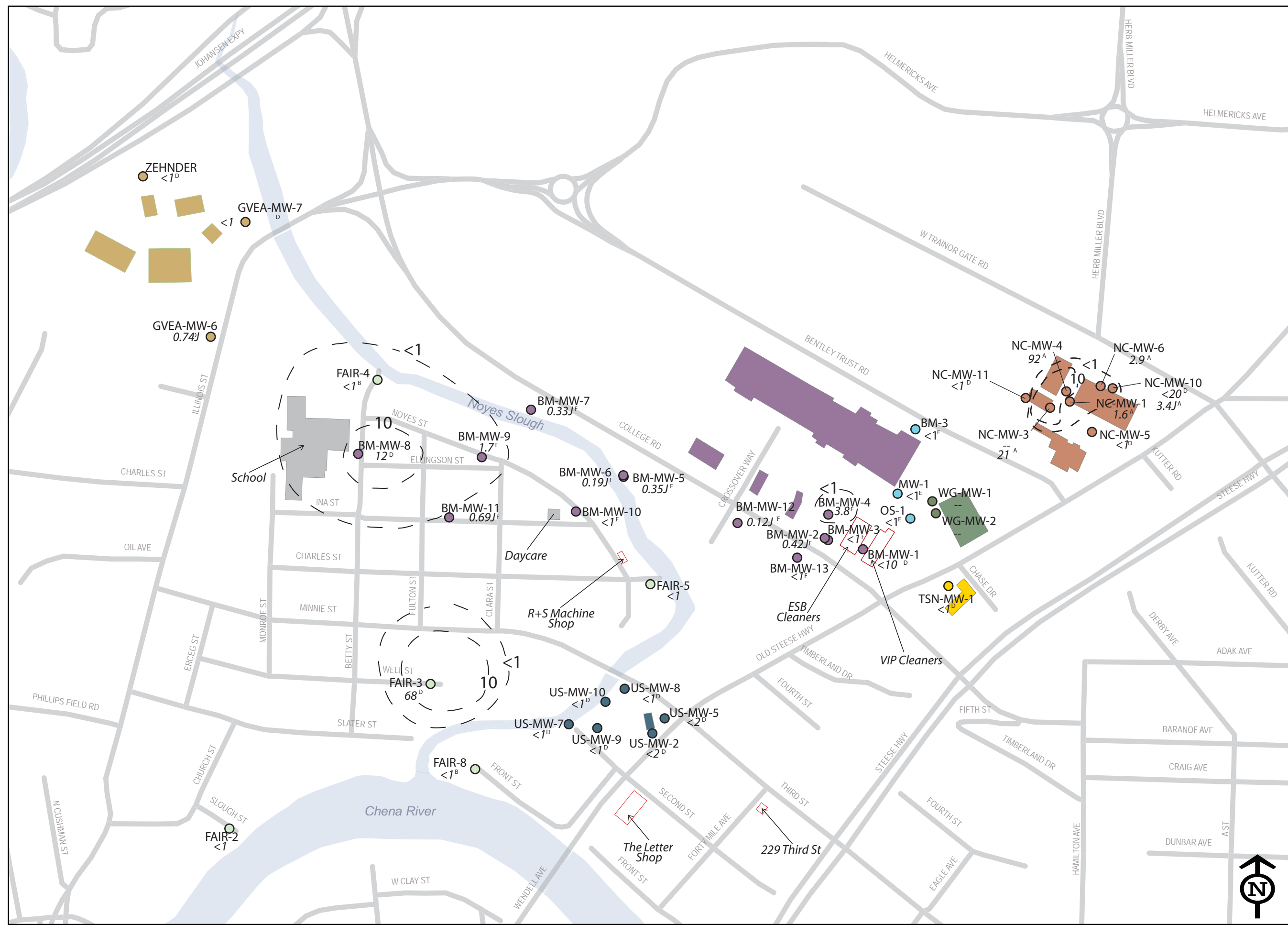
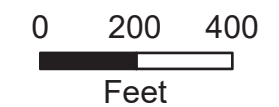


Figure 7
trans-1,2 DCE
Isoconcentrations
 Bentley Mall, Fairbanks, AK



- Bentley Mall
 - NC Machinery
 - Walgreens
 - US Travel/Allstate
 - GVEA Complex
 - Tesoro North
 - Office Max
 - Potential Receptors
 - WELL ID
 - trans-1,2 DCE concentration (µg/L)
 - J Estimated value
 - * Method detection limit shown
 - trans-1,2 DCE isoconcentrations
 - Not Analyzed
- Superscripts**
- A Sampled 8/2015
 - B Sampled 2002, not used to contour
 - C Sampled at 15bgs 1/2015
 - D Sampled 12/2015
 - E Sampled 3/2003, not used to contour
 - F Sampled 9/2015



APPENDIX A: LABORATORY ANALYTICAL RESULTS

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Sacramento
880 Riverside Parkway
West Sacramento, CA 95605
Tel: (916)373-5600

TestAmerica Job ID: 320-16330-1
Client Project/Site: Bentley Mall, Fairbanks - Soil Vapor & G
Revision: 1

For:
Environmental Resource Group, Inc.
1038 Redwood Highway, Suite 1
Mill Valley, California 94941

Attn: Ben Wells



Authorized for release by:
1/6/2016 2:03:17 PM

Jill Kellmann, Manager of Project Management
(916)374-4402
jill.kellmann@testamericainc.com

LINKS

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results through
TotalAccess

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www.testamericainc.com

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

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

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

- 1
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Definitions/Glossary

Client: Environmental Resource Group, Inc.
Project/Site: Bentley Mall, Fairbanks - Soil Vapor & G

TestAmerica Job ID: 320-16330-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
E	Result exceeded calibration range.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
*	LCS or LCSD is outside acceptance limits.
F1	MS and/or MSD Recovery is outside acceptance limits.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
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)

Case Narrative

Client: Environmental Resource Group, Inc.
Project/Site: Bentley Mall, Fairbanks - Soil Vapor & G

TestAmerica Job ID: 320-16330-1

Job ID: 320-16330-1

Laboratory: TestAmerica Sacramento

Narrative

Revision - January 6, 2015

Revision created to report additional analytes in the Method 8260 analysis.

Receipt

The samples were received on 12/5/2015 9:45 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 0.9° C.

Receipt Exceptions

One of three VOA vials for the following sample was received broken on 12/5/15. US-MW-10 (320-16330-6).

GC/MS VOA

Method(s) 8260B:

The following samples in batch 307591 required dilution due to the abundance of non-target analytes: US-MW-2 (320-16330-1) and US-MW-5 (320-16330-2). Elevated reporting limits (RLs) are provided.

Due to excessive foaming, the associated samples in batch 307591 required between 1uL - 5uL of anti-foam to be added prior to purging to protect the equipment. The associated method blank (MB) also had anti-foam added to it to indicate there was no contamination added from the use of the anti-foam. US-MW-2 (320-16330-1), US-MW-5 (320-16330-2), US-MW-10 (320-16330-6), TSN-MW1 (320-16330-7), GVEA-MW-7 (320-16330-9), ZEHNDER (320-16330-10), FAIR-2 (320-16330-11), FAIR-5 (320-16330-13), NC-MW-10 (320-16330-15) and DUP1 (320-16330-19)

Added - January 6, 2016

The associated samples have target compounds that were reported with "E" flags due to high analyte levels above the calibration range. These compounds were added after the samples holding time had expired. .

US-MW-2 (320-16330-1)

1,2,4-Trimethylbenzene @ 160ug/L
1,3,5-Trimethylbenzene @ 315ug/L
m-Xylene & p-Xylene @ 275ug/L
Ethylbenzene @ 80ug/L
o-Xylene @ 190ug/L

US-MW-5 (320-16330-2)

1,2,4-Trimethylbenzene @ 105ug/L
1,3,5-Trimethylbenzene @ 90ug/L
m-Xylene & p-Xylene @ 225ug/L
Ethylbenzene @ 90ug/L
Hexane @ 115ug/L

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Detection Summary

Client: Environmental Resource Group, Inc.
 Project/Site: Bentley Mall, Fairbanks - Soil Vapor & G

TestAmerica Job ID: 320-16330-1

Client Sample ID: US-MW-2

Lab Sample ID: 320-16330-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	2.3		2.0	0.32	ug/L	1		8260B	Total/NA
Chloromethane	0.67	J	4.0	0.60	ug/L	1		8260B	Total/NA
Ethylbenzene	160	E	2.0	0.32	ug/L	1		8260B	Total/NA
Hexane	34		4.0	0.84	ug/L	1		8260B	Total/NA
Isopropylbenzene	25		2.0	0.38	ug/L	1		8260B	Total/NA
m-Xylene & p-Xylene	550	E	4.0	0.68	ug/L	1		8260B	Total/NA
Naphthalene	99		2.0	0.44	ug/L	1		8260B	Total/NA
n-Butylbenzene	27		2.0	0.64	ug/L	1		8260B	Total/NA
o-Xylene	380	E	2.0	0.38	ug/L	1		8260B	Total/NA
p-Isopropyltoluene	2.1		2.0	0.40	ug/L	1		8260B	Total/NA
sec-Butylbenzene	9.8		2.0	0.34	ug/L	1		8260B	Total/NA
Toluene	5.9		2.0	0.34	ug/L	1		8260B	Total/NA
Trichlorofluoromethane	5.1		4.0	0.58	ug/L	1		8260B	Total/NA
1,2,4-Trimethylbenzene	320	E	2.0	0.30	ug/L	1		8260B	Total/NA
1,3,5-Trimethylbenzene	630	E	2.0	0.32	ug/L	1		8260B	Total/NA

Client Sample ID: US-MW-5

Lab Sample ID: 320-16330-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	60		2.0	0.32	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	1.3	J	2.0	0.46	ug/L	1		8260B	Total/NA
Ethylbenzene	180	E	2.0	0.32	ug/L	1		8260B	Total/NA
Hexane	230	E	4.0	0.84	ug/L	1		8260B	Total/NA
Isopropylbenzene	8.0		2.0	0.38	ug/L	1		8260B	Total/NA
m-Xylene & p-Xylene	450	E	4.0	0.68	ug/L	1		8260B	Total/NA
Naphthalene	53		2.0	0.44	ug/L	1		8260B	Total/NA
n-Butylbenzene	15		2.0	0.64	ug/L	1		8260B	Total/NA
o-Xylene	24		2.0	0.38	ug/L	1		8260B	Total/NA
p-Isopropyltoluene	3.3		2.0	0.40	ug/L	1		8260B	Total/NA
Propylbenzene	20		2.0	0.32	ug/L	1		8260B	Total/NA
sec-Butylbenzene	8.5		2.0	0.34	ug/L	1		8260B	Total/NA
Toluene	75		2.0	0.34	ug/L	1		8260B	Total/NA
1,2,4-Trimethylbenzene	210	E	2.0	0.30	ug/L	1		8260B	Total/NA
1,3,5-Trimethylbenzene	180	E	2.0	0.32	ug/L	1		8260B	Total/NA

Client Sample ID: US-MW-7

Lab Sample ID: 320-16330-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	2.5	J	10	1.9	ug/L	1		8260B	Total/NA
Trichlorofluoromethane	1.1	J	2.0	0.29	ug/L	1		8260B	Total/NA

Client Sample ID: US-MW-8

Lab Sample ID: 320-16330-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	2.4		1.0	0.16	ug/L	1		8260B	Total/NA
Chloroform	0.21	J	1.0	0.16	ug/L	1		8260B	Total/NA
1,2-Dichloroethane	0.24	J	1.0	0.13	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	0.25	J	1.0	0.23	ug/L	1		8260B	Total/NA
Methylene Chloride	0.41	J	2.0	0.32	ug/L	1		8260B	Total/NA
Vinyl chloride	0.12	J	1.0	0.10	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Sacramento

Detection Summary

Client: Environmental Resource Group, Inc.
 Project/Site: Bentley Mall, Fairbanks - Soil Vapor & G

TestAmerica Job ID: 320-16330-1

Client Sample ID: US-MW-9

Lab Sample ID: 320-16330-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.32	J	1.0	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene	0.31	J	1.0	0.20	ug/L	1		8260B	Total/NA

Client Sample ID: US-MW-10

Lab Sample ID: 320-16330-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	18		10	1.9	ug/L	1		8260B	Total/NA
Benzene	0.26	J	1.0	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene	0.20	J	1.0	0.20	ug/L	1		8260B	Total/NA
Trichlorofluoromethane	3.2		2.0	0.29	ug/L	1		8260B	Total/NA

Client Sample ID: TSN-MW1

Lab Sample ID: 320-16330-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	10		10	1.9	ug/L	1		8260B	Total/NA
Benzene	6.3		1.0	0.16	ug/L	1		8260B	Total/NA
Chloroform	0.21	J	1.0	0.16	ug/L	1		8260B	Total/NA
1,4-Dichlorobenzene	0.17	J	1.0	0.16	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	0.34	J	1.0	0.23	ug/L	1		8260B	Total/NA
Ethylbenzene	0.20	J	1.0	0.16	ug/L	1		8260B	Total/NA
m-Xylene & p-Xylene	0.81	J	2.0	0.34	ug/L	1		8260B	Total/NA
Naphthalene	0.60	J	1.0	0.22	ug/L	1		8260B	Total/NA
n-Butylbenzene	0.65	J	1.0	0.32	ug/L	1		8260B	Total/NA
Propylbenzene	0.48	J	1.0	0.16	ug/L	1		8260B	Total/NA
sec-Butylbenzene	0.75	J	1.0	0.17	ug/L	1		8260B	Total/NA
tert-Butylbenzene	0.18	J	1.0	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene	0.37	J	1.0	0.20	ug/L	1		8260B	Total/NA
Toluene	0.31	J	1.0	0.17	ug/L	1		8260B	Total/NA
Trichlorofluoromethane	9.8		2.0	0.29	ug/L	1		8260B	Total/NA
1,2,4-Trimethylbenzene	0.40	J	1.0	0.15	ug/L	1		8260B	Total/NA
1,3,5-Trimethylbenzene	1.4		1.0	0.16	ug/L	1		8260B	Total/NA

Client Sample ID: GVEA-MW-6

Lab Sample ID: 320-16330-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.0		1.0	0.15	ug/L	1		8260B	Total/NA
1,4-Dichlorobenzene	0.18	J	1.0	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene	4.1		1.0	0.20	ug/L	1		8260B	Total/NA
1,2-Trans-dichloroethene	0.74	J	1.0	0.15	ug/L	1		8260B	Total/NA
Trichloroethene	2.0		1.0	0.16	ug/L	1		8260B	Total/NA
Trichlorofluoromethane	11		2.0	0.29	ug/L	1		8260B	Total/NA

Client Sample ID: GVEA-MW-7

Lab Sample ID: 320-16330-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.28	J	1.0	0.15	ug/L	1		8260B	Total/NA
Trichloroethene	0.22	J	1.0	0.16	ug/L	1		8260B	Total/NA

Client Sample ID: ZEHNDER

Lab Sample ID: 320-16330-10

This Detection Summary does not include radiochemical test results.

TestAmerica Sacramento

Detection Summary

Client: Environmental Resource Group, Inc.
 Project/Site: Bentley Mall, Fairbanks - Soil Vapor & G

TestAmerica Job ID: 320-16330-1

Client Sample ID: ZEHNDER (Continued)

Lab Sample ID: 320-16330-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.24	J	1.0	0.15	ug/L	1		8260B	Total/NA
Tetrachloroethene	16		1.0	0.20	ug/L	1		8260B	Total/NA
Trichloroethene	0.32	J	1.0	0.16	ug/L	1		8260B	Total/NA
Trichlorofluoromethane	3.3		2.0	0.29	ug/L	1		8260B	Total/NA

Client Sample ID: FAIR-2

Lab Sample ID: 320-16330-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichlorofluoromethane	0.94	J	2.0	0.29	ug/L	1		8260B	Total/NA

Client Sample ID: FAIR-3

Lab Sample ID: 320-16330-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.67	J	2.0	0.30	ug/L	1		8260B	Total/NA
1,2-Trans-dichloroethene	68		2.0	0.30	ug/L	1		8260B	Total/NA

Client Sample ID: FAIR-5

Lab Sample ID: 320-16330-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	13		10	1.9	ug/L	1		8260B	Total/NA
m-Xylene & p-Xylene	0.34	J	2.0	0.34	ug/L	1		8260B	Total/NA
1,2,4-Trimethylbenzene	0.30	J	1.0	0.15	ug/L	1		8260B	Total/NA
1,3,5-Trimethylbenzene	0.42	J	1.0	0.16	ug/L	1		8260B	Total/NA

Client Sample ID: NC-MW-5

Lab Sample ID: 320-16330-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	6.3	J	10	1.9	ug/L	1		8260B	Total/NA
Chloroform	0.47	J	1.0	0.16	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	0.27	J	1.0	0.23	ug/L	1		8260B	Total/NA
Naphthalene	0.51	J	1.0	0.22	ug/L	1		8260B	Total/NA
Trichlorofluoromethane	36		2.0	0.29	ug/L	1		8260B	Total/NA

Client Sample ID: NC-MW-10

Lab Sample ID: 320-16330-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	530		20	3.0	ug/L	1		8260B	Total/NA
Methylene Chloride	8.5	J	40	6.4	ug/L	1		8260B	Total/NA
1,3,5-Trimethylbenzene	3.5	J	20	3.2	ug/L	1		8260B	Total/NA

Client Sample ID: NC-MW-11

Lab Sample ID: 320-16330-16

No Detections.

Client Sample ID: BM-MW-1

Lab Sample ID: 320-16330-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	10		10	1.6	ug/L	1		8260B	Total/NA
Tetrachloroethene	240		10	2.0	ug/L	1		8260B	Total/NA
Trichlorofluoromethane	30		20	2.9	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Sacramento

Detection Summary

Client: Environmental Resource Group, Inc.
Project/Site: Bentley Mall, Fairbanks - Soil Vapor & G

TestAmerica Job ID: 320-16330-1

Client Sample ID: BM-MW-8

Lab Sample ID: 320-16330-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.50	J	1.0	0.16	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	1.1		1.0	0.15	ug/L	1		8260B	Total/NA
Tetrachloroethene	2.1		1.0	0.20	ug/L	1		8260B	Total/NA
1,2-Trans-dichloroethene	12		1.0	0.15	ug/L	1		8260B	Total/NA
Trichloroethene	0.86	J	1.0	0.16	ug/L	1		8260B	Total/NA

Client Sample ID: DUP1

Lab Sample ID: 320-16330-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	6.1		1.0	0.16	ug/L	1		8260B	Total/NA
Chloroform	0.20	J	1.0	0.16	ug/L	1		8260B	Total/NA
Chloromethane	0.31	J	2.0	0.30	ug/L	1		8260B	Total/NA
1,1-Dichloroethene	0.38	J	1.0	0.23	ug/L	1		8260B	Total/NA
Ethylbenzene	0.19	J	1.0	0.16	ug/L	1		8260B	Total/NA
m-Xylene & p-Xylene	0.71	J	2.0	0.34	ug/L	1		8260B	Total/NA
Naphthalene	0.58	J	1.0	0.22	ug/L	1		8260B	Total/NA
n-Butylbenzene	0.47	J	1.0	0.32	ug/L	1		8260B	Total/NA
Propylbenzene	0.41	J	1.0	0.16	ug/L	1		8260B	Total/NA
sec-Butylbenzene	0.63	J	1.0	0.17	ug/L	1		8260B	Total/NA
Tetrachloroethene	0.33	J	1.0	0.20	ug/L	1		8260B	Total/NA
Toluene	0.30	J	1.0	0.17	ug/L	1		8260B	Total/NA
Trichlorofluoromethane	10		2.0	0.29	ug/L	1		8260B	Total/NA
1,2,4-Trimethylbenzene	0.34	J	1.0	0.15	ug/L	1		8260B	Total/NA
1,3,5-Trimethylbenzene	1.3		1.0	0.16	ug/L	1		8260B	Total/NA

Client Sample ID: DUP2

Lab Sample ID: 320-16330-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloromethane	0.34	J	2.0	0.30	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	1.0		1.0	0.15	ug/L	1		8260B	Total/NA
Tetrachloroethene	4.0		1.0	0.20	ug/L	1		8260B	Total/NA
1,2-Trans-dichloroethene	0.73	J	1.0	0.15	ug/L	1		8260B	Total/NA
Trichloroethene	1.9		1.0	0.16	ug/L	1		8260B	Total/NA
Trichlorofluoromethane	10		2.0	0.29	ug/L	1		8260B	Total/NA

Client Sample ID: TRIP BLANK

Lab Sample ID: 320-16330-21

No Detections.

This Detection Summary does not include radiochemical test results.

TestAmerica Sacramento

Client Sample Results

Client: Environmental Resource Group, Inc.
 Project/Site: Bentley Mall, Fairbanks - Soil Vapor & G

TestAmerica Job ID: 320-16330-1

Client Sample ID: US-MW-2

Date Collected: 12/02/15 15:37

Date Received: 12/05/15 09:45

Lab Sample ID: 320-16330-1

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		20	3.8	ug/L			12/14/15 17:11	1
Benzene	2.3		2.0	0.32	ug/L			12/14/15 17:11	1
Bromobenzene	ND		2.0	0.34	ug/L			12/14/15 17:11	1
Bromochloromethane	ND		2.0	0.20	ug/L			12/14/15 17:11	1
Bromodichloromethane	ND		2.0	0.34	ug/L			12/14/15 17:11	1
Bromoform	ND		2.0	0.38	ug/L			12/14/15 17:11	1
Bromomethane	ND		4.0	0.42	ug/L			12/14/15 17:11	1
2-Butanone (MEK)	ND		12	4.0	ug/L			12/14/15 17:11	1
Carbon disulfide	ND		4.0	0.90	ug/L			12/14/15 17:11	1
Carbon tetrachloride	ND		2.0	0.38	ug/L			12/14/15 17:11	1
Chlorobenzene	ND		2.0	0.34	ug/L			12/14/15 17:11	1
Chloroethane	ND		4.0	0.82	ug/L			12/14/15 17:11	1
Chloroform	ND		2.0	0.32	ug/L			12/14/15 17:11	1
Chloromethane	0.67	J	4.0	0.60	ug/L			12/14/15 17:11	1
2-Chlorotoluene	ND		2.0	0.34	ug/L			12/14/15 17:11	1
4-Chlorotoluene	ND		2.0	0.42	ug/L			12/14/15 17:11	1
cis-1,2-Dichloroethene	ND		2.0	0.30	ug/L			12/14/15 17:11	1
cis-1,3-Dichloropropene	ND		2.0	0.32	ug/L			12/14/15 17:11	1
Dibromochloromethane	ND		2.0	0.34	ug/L			12/14/15 17:11	1
1,2-Dibromo-3-Chloropropane	ND		10	0.94	ug/L			12/14/15 17:11	1
1,2-Dibromoethane	ND		2.0	0.36	ug/L			12/14/15 17:11	1
Dibromomethane	ND		2.0	0.34	ug/L			12/14/15 17:11	1
1,3-Dichlorobenzene	ND		2.0	0.26	ug/L			12/14/15 17:11	1
1,2-Dichlorobenzene	ND		2.0	0.30	ug/L			12/14/15 17:11	1
1,4-Dichlorobenzene	ND		2.0	0.32	ug/L			12/14/15 17:11	1
1,1-Dichloroethane	ND		2.0	0.44	ug/L			12/14/15 17:11	1
1,2-Dichloroethane	ND		2.0	0.26	ug/L			12/14/15 17:11	1
1,1-Dichloroethene	ND		2.0	0.46	ug/L			12/14/15 17:11	1
1,2-Dichloropropane	ND		2.0	0.36	ug/L			12/14/15 17:11	1
2,2-Dichloropropane	ND		2.0	0.36	ug/L			12/14/15 17:11	1
1,3-Dichloropropane	ND		2.0	0.44	ug/L			12/14/15 17:11	1
1,1-Dichloropropene	ND		2.0	0.38	ug/L			12/14/15 17:11	1
Ethylbenzene	160	E	2.0	0.32	ug/L			12/14/15 17:11	1
Freon 12	ND		4.0	0.62	ug/L			12/14/15 17:11	1
Freon-113	ND		6.0	0.84	ug/L			12/14/15 17:11	1
Hexachlorobutadiene	ND		2.0	0.72	ug/L			12/14/15 17:11	1
Hexane	34		4.0	0.84	ug/L			12/14/15 17:11	1
2-Hexanone	ND		10	3.4	ug/L			12/14/15 17:11	1
Isopropylbenzene	25		2.0	0.38	ug/L			12/14/15 17:11	1
Methylene Chloride	ND		4.0	0.64	ug/L			12/14/15 17:11	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.0	ug/L			12/14/15 17:11	1
Methyl tert-butyl ether	ND		10	0.50	ug/L			12/14/15 17:11	1
m-Xylene & p-Xylene	550	E	4.0	0.68	ug/L			12/14/15 17:11	1
Naphthalene	99		2.0	0.44	ug/L			12/14/15 17:11	1
n-Butylbenzene	27		2.0	0.64	ug/L			12/14/15 17:11	1
o-Xylene	380	E	2.0	0.38	ug/L			12/14/15 17:11	1
p-Isopropyltoluene	2.1		2.0	0.40	ug/L			12/14/15 17:11	1
Propylbenzene	ND		2.0	0.32	ug/L			12/14/15 17:11	1
sec-Butylbenzene	9.8		2.0	0.34	ug/L			12/14/15 17:11	1

TestAmerica Sacramento

Client Sample Results

Client: Environmental Resource Group, Inc.
Project/Site: Bentley Mall, Fairbanks - Soil Vapor & G

TestAmerica Job ID: 320-16330-1

Client Sample ID: US-MW-2

Lab Sample ID: 320-16330-1

Date Collected: 12/02/15 15:37

Matrix: Water

Date Received: 12/05/15 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND	*	2.0	0.34	ug/L			12/14/15 17:11	1
tert-Butylbenzene	ND		2.0	0.32	ug/L			12/14/15 17:11	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ug/L			12/14/15 17:11	1
1,1,1,2-Tetrachloroethane	ND		2.0	0.42	ug/L			12/14/15 17:11	1
Tetrachloroethene	ND		2.0	0.40	ug/L			12/14/15 17:11	1
Toluene	5.9		2.0	0.34	ug/L			12/14/15 17:11	1
1,2-Trans-dichloroethene	ND		2.0	0.30	ug/L			12/14/15 17:11	1
trans-1,3-Dichloropropene	ND		6.0	0.38	ug/L			12/14/15 17:11	1
1,2,4-Trichlorobenzene	ND		2.0	0.42	ug/L			12/14/15 17:11	1
1,2,3-Trichlorobenzene	ND		2.0	0.42	ug/L			12/14/15 17:11	1
1,1,1-Trichloroethane	ND		2.0	0.32	ug/L			12/14/15 17:11	1
1,1,2-Trichloroethane	ND		2.0	0.54	ug/L			12/14/15 17:11	1
Trichloroethene	ND		2.0	0.32	ug/L			12/14/15 17:11	1
Trichlorofluoromethane	5.1		4.0	0.58	ug/L			12/14/15 17:11	1
1,2,3-Trichloropropane	ND		5.0	0.66	ug/L			12/14/15 17:11	1
1,2,4-Trimethylbenzene	320 E		2.0	0.30	ug/L			12/14/15 17:11	1
1,3,5-Trimethylbenzene	630 E		2.0	0.32	ug/L			12/14/15 17:11	1
Vinyl acetate	ND		6.0	1.9	ug/L			12/14/15 17:11	1
Vinyl chloride	ND		2.0	0.20	ug/L			12/14/15 17:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		78 - 120		12/14/15 17:11	1
Dibromofluoromethane (Surr)	97		77 - 120		12/14/15 17:11	1
1,2-Dichloroethane-d4 (Surr)	100		70 - 127		12/14/15 17:11	1
Toluene-d8 (Surr)	98		80 - 125		12/14/15 17:11	1

Client Sample ID: US-MW-5

Lab Sample ID: 320-16330-2

Date Collected: 12/02/15 14:41

Matrix: Water

Date Received: 12/05/15 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		20	3.8	ug/L			12/14/15 17:32	1
Benzene	60		2.0	0.32	ug/L			12/14/15 17:32	1
Bromobenzene	ND		2.0	0.34	ug/L			12/14/15 17:32	1
Bromochloromethane	ND		2.0	0.20	ug/L			12/14/15 17:32	1
Bromodichloromethane	ND		2.0	0.34	ug/L			12/14/15 17:32	1
Bromoform	ND		2.0	0.38	ug/L			12/14/15 17:32	1
Bromomethane	ND		4.0	0.42	ug/L			12/14/15 17:32	1
2-Butanone (MEK)	ND		12	4.0	ug/L			12/14/15 17:32	1
Carbon disulfide	ND		4.0	0.90	ug/L			12/14/15 17:32	1
Carbon tetrachloride	ND		2.0	0.38	ug/L			12/14/15 17:32	1
Chlorobenzene	ND		2.0	0.34	ug/L			12/14/15 17:32	1
Chloroethane	ND		4.0	0.82	ug/L			12/14/15 17:32	1
Chloroform	ND		2.0	0.32	ug/L			12/14/15 17:32	1
Chloromethane	ND		4.0	0.60	ug/L			12/14/15 17:32	1
2-Chlorotoluene	ND		2.0	0.34	ug/L			12/14/15 17:32	1
4-Chlorotoluene	ND		2.0	0.42	ug/L			12/14/15 17:32	1
cis-1,2-Dichloroethene	ND		2.0	0.30	ug/L			12/14/15 17:32	1
cis-1,3-Dichloropropene	ND		2.0	0.32	ug/L			12/14/15 17:32	1

TestAmerica Sacramento

Client Sample Results

Client: Environmental Resource Group, Inc.
 Project/Site: Bentley Mall, Fairbanks - Soil Vapor & G

TestAmerica Job ID: 320-16330-1

Client Sample ID: US-MW-5

Lab Sample ID: 320-16330-2

Date Collected: 12/02/15 14:41

Matrix: Water

Date Received: 12/05/15 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromochloromethane	ND		2.0	0.34	ug/L			12/14/15 17:32	1
1,2-Dibromo-3-Chloropropane	ND		10	0.94	ug/L			12/14/15 17:32	1
1,2-Dibromoethane	ND		2.0	0.36	ug/L			12/14/15 17:32	1
Dibromomethane	ND		2.0	0.34	ug/L			12/14/15 17:32	1
1,3-Dichlorobenzene	ND		2.0	0.26	ug/L			12/14/15 17:32	1
1,2-Dichlorobenzene	ND		2.0	0.30	ug/L			12/14/15 17:32	1
1,4-Dichlorobenzene	ND		2.0	0.32	ug/L			12/14/15 17:32	1
1,1-Dichloroethane	ND		2.0	0.44	ug/L			12/14/15 17:32	1
1,2-Dichloroethane	ND		2.0	0.26	ug/L			12/14/15 17:32	1
1,1-Dichloroethene	1.3	J	2.0	0.46	ug/L			12/14/15 17:32	1
1,2-Dichloropropane	ND		2.0	0.36	ug/L			12/14/15 17:32	1
2,2-Dichloropropane	ND		2.0	0.36	ug/L			12/14/15 17:32	1
1,3-Dichloropropane	ND		2.0	0.44	ug/L			12/14/15 17:32	1
1,1-Dichloropropene	ND		2.0	0.38	ug/L			12/14/15 17:32	1
Ethylbenzene	180	E	2.0	0.32	ug/L			12/14/15 17:32	1
Freon 12	ND		4.0	0.62	ug/L			12/14/15 17:32	1
Freon-113	ND		6.0	0.84	ug/L			12/14/15 17:32	1
Hexachlorobutadiene	ND		2.0	0.72	ug/L			12/14/15 17:32	1
Hexane	230	E	4.0	0.84	ug/L			12/14/15 17:32	1
2-Hexanone	ND		10	3.4	ug/L			12/14/15 17:32	1
Isopropylbenzene	8.0		2.0	0.38	ug/L			12/14/15 17:32	1
Methylene Chloride	ND		4.0	0.64	ug/L			12/14/15 17:32	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.0	ug/L			12/14/15 17:32	1
Methyl tert-butyl ether	ND		10	0.50	ug/L			12/14/15 17:32	1
m-Xylene & p-Xylene	450	E	4.0	0.68	ug/L			12/14/15 17:32	1
Naphthalene	53		2.0	0.44	ug/L			12/14/15 17:32	1
n-Butylbenzene	15		2.0	0.64	ug/L			12/14/15 17:32	1
o-Xylene	24		2.0	0.38	ug/L			12/14/15 17:32	1
p-Isopropyltoluene	3.3		2.0	0.40	ug/L			12/14/15 17:32	1
Propylbenzene	20		2.0	0.32	ug/L			12/14/15 17:32	1
sec-Butylbenzene	8.5		2.0	0.34	ug/L			12/14/15 17:32	1
Styrene	ND *		2.0	0.34	ug/L			12/14/15 17:32	1
tert-Butylbenzene	ND		2.0	0.32	ug/L			12/14/15 17:32	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ug/L			12/14/15 17:32	1
1,1,1,2-Tetrachloroethane	ND		2.0	0.42	ug/L			12/14/15 17:32	1
Tetrachloroethene	ND		2.0	0.40	ug/L			12/14/15 17:32	1
Toluene	75		2.0	0.34	ug/L			12/14/15 17:32	1
1,2-Trans-dichloroethene	ND		2.0	0.30	ug/L			12/14/15 17:32	1
trans-1,3-Dichloropropene	ND		6.0	0.38	ug/L			12/14/15 17:32	1
1,2,4-Trichlorobenzene	ND		2.0	0.42	ug/L			12/14/15 17:32	1
1,2,3-Trichlorobenzene	ND		2.0	0.42	ug/L			12/14/15 17:32	1
1,1,1-Trichloroethane	ND		2.0	0.32	ug/L			12/14/15 17:32	1
1,1,2-Trichloroethane	ND		2.0	0.54	ug/L			12/14/15 17:32	1
Trichloroethene	ND		2.0	0.32	ug/L			12/14/15 17:32	1
Trichlorofluoromethane	ND		4.0	0.58	ug/L			12/14/15 17:32	1
1,2,3-Trichloropropane	ND		5.0	0.66	ug/L			12/14/15 17:32	1
1,2,4-Trimethylbenzene	210	E	2.0	0.30	ug/L			12/14/15 17:32	1
1,3,5-Trimethylbenzene	180	E	2.0	0.32	ug/L			12/14/15 17:32	1
Vinyl acetate	ND		6.0	1.9	ug/L			12/14/15 17:32	1

TestAmerica Sacramento

Client Sample Results

Client: Environmental Resource Group, Inc.
 Project/Site: Bentley Mall, Fairbanks - Soil Vapor & G

TestAmerica Job ID: 320-16330-1

Client Sample ID: US-MW-5

Lab Sample ID: 320-16330-2

Date Collected: 12/02/15 14:41

Matrix: Water

Date Received: 12/05/15 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	ND		2.0	0.20	ug/L			12/14/15 17:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		78 - 120					12/14/15 17:32	1
Dibromofluoromethane (Surr)	94		77 - 120					12/14/15 17:32	1
1,2-Dichloroethane-d4 (Surr)	101		70 - 127					12/14/15 17:32	1
Toluene-d8 (Surr)	98		80 - 125					12/14/15 17:32	1

Client Sample ID: US-MW-7

Lab Sample ID: 320-16330-3

Date Collected: 12/02/15 13:14

Matrix: Water

Date Received: 12/05/15 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	2.5	J	10	1.9	ug/L			12/14/15 10:56	1
Benzene	ND		1.0	0.16	ug/L			12/14/15 10:56	1
Bromobenzene	ND		1.0	0.17	ug/L			12/14/15 10:56	1
Bromochloromethane	ND		1.0	0.10	ug/L			12/14/15 10:56	1
Bromodichloromethane	ND		1.0	0.17	ug/L			12/14/15 10:56	1
Bromoform	ND		1.0	0.19	ug/L			12/14/15 10:56	1
Bromomethane	ND		2.0	0.21	ug/L			12/14/15 10:56	1
2-Butanone (MEK)	ND		6.0	2.0	ug/L			12/14/15 10:56	1
Carbon disulfide	ND		2.0	0.45	ug/L			12/14/15 10:56	1
Carbon tetrachloride	ND		1.0	0.19	ug/L			12/14/15 10:56	1
Chlorobenzene	ND		1.0	0.17	ug/L			12/14/15 10:56	1
Chloroethane	ND		2.0	0.41	ug/L			12/14/15 10:56	1
Chloroform	ND		1.0	0.16	ug/L			12/14/15 10:56	1
Chloromethane	ND		2.0	0.30	ug/L			12/14/15 10:56	1
2-Chlorotoluene	ND		1.0	0.17	ug/L			12/14/15 10:56	1
4-Chlorotoluene	ND		1.0	0.21	ug/L			12/14/15 10:56	1
cis-1,2-Dichloroethene	ND		1.0	0.15	ug/L			12/14/15 10:56	1
cis-1,3-Dichloropropene	ND		1.0	0.16	ug/L			12/14/15 10:56	1
Dibromochloromethane	ND		1.0	0.17	ug/L			12/14/15 10:56	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.47	ug/L			12/14/15 10:56	1
1,2-Dibromoethane	ND		1.0	0.18	ug/L			12/14/15 10:56	1
Dibromomethane	ND		1.0	0.17	ug/L			12/14/15 10:56	1
1,3-Dichlorobenzene	ND		1.0	0.13	ug/L			12/14/15 10:56	1
1,2-Dichlorobenzene	ND		1.0	0.15	ug/L			12/14/15 10:56	1
1,4-Dichlorobenzene	ND		1.0	0.16	ug/L			12/14/15 10:56	1
1,1-Dichloroethane	ND		1.0	0.22	ug/L			12/14/15 10:56	1
1,2-Dichloroethane	ND		1.0	0.13	ug/L			12/14/15 10:56	1
1,1-Dichloroethene	ND		1.0	0.23	ug/L			12/14/15 10:56	1
1,2-Dichloropropane	ND		1.0	0.18	ug/L			12/14/15 10:56	1
2,2-Dichloropropane	ND		1.0	0.18	ug/L			12/14/15 10:56	1
1,3-Dichloropropane	ND		1.0	0.22	ug/L			12/14/15 10:56	1
1,1-Dichloropropene	ND		1.0	0.19	ug/L			12/14/15 10:56	1
Ethylbenzene	ND		1.0	0.16	ug/L			12/14/15 10:56	1
Freon 12	ND		2.0	0.31	ug/L			12/14/15 10:56	1
Freon-113	ND		3.0	0.42	ug/L			12/14/15 10:56	1
Hexachlorobutadiene	ND		1.0	0.36	ug/L			12/14/15 10:56	1

TestAmerica Sacramento

Client Sample Results

Client: Environmental Resource Group, Inc.
 Project/Site: Bentley Mall, Fairbanks - Soil Vapor & G

TestAmerica Job ID: 320-16330-1

Client Sample ID: US-MW-7

Lab Sample ID: 320-16330-3

Date Collected: 12/02/15 13:14

Matrix: Water

Date Received: 12/05/15 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexane	ND		2.0	0.42	ug/L			12/14/15 10:56	1
2-Hexanone	ND		5.0	1.7	ug/L			12/14/15 10:56	1
Isopropylbenzene	ND		1.0	0.19	ug/L			12/14/15 10:56	1
Methylene Chloride	ND		2.0	0.32	ug/L			12/14/15 10:56	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	0.98	ug/L			12/14/15 10:56	1
Methyl tert-butyl ether	ND		5.0	0.25	ug/L			12/14/15 10:56	1
m-Xylene & p-Xylene	ND		2.0	0.34	ug/L			12/14/15 10:56	1
Naphthalene	ND		1.0	0.22	ug/L			12/14/15 10:56	1
n-Butylbenzene	ND		1.0	0.32	ug/L			12/14/15 10:56	1
o-Xylene	ND		1.0	0.19	ug/L			12/14/15 10:56	1
p-Isopropyltoluene	ND		1.0	0.20	ug/L			12/14/15 10:56	1
Propylbenzene	ND		1.0	0.16	ug/L			12/14/15 10:56	1
sec-Butylbenzene	ND		1.0	0.17	ug/L			12/14/15 10:56	1
Styrene	ND	F1	1.0	0.17	ug/L			12/14/15 10:56	1
tert-Butylbenzene	ND		1.0	0.16	ug/L			12/14/15 10:56	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/14/15 10:56	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/14/15 10:56	1
Tetrachloroethene	ND		1.0	0.20	ug/L			12/14/15 10:56	1
Toluene	ND		1.0	0.17	ug/L			12/14/15 10:56	1
1,2-Trans-dichloroethene	ND		1.0	0.15	ug/L			12/14/15 10:56	1
trans-1,3-Dichloropropene	ND		3.0	0.19	ug/L			12/14/15 10:56	1
1,2,4-Trichlorobenzene	ND		1.0	0.21	ug/L			12/14/15 10:56	1
1,2,3-Trichlorobenzene	ND		1.0	0.21	ug/L			12/14/15 10:56	1
1,1,1-Trichloroethane	ND		1.0	0.16	ug/L			12/14/15 10:56	1
1,1,2-Trichloroethane	ND		1.0	0.27	ug/L			12/14/15 10:56	1
Trichloroethene	ND		1.0	0.16	ug/L			12/14/15 10:56	1
Trichlorofluoromethane	1.1	J	2.0	0.29	ug/L			12/14/15 10:56	1
1,2,3-Trichloropropane	ND		2.5	0.33	ug/L			12/14/15 10:56	1
1,2,4-Trimethylbenzene	ND		1.0	0.15	ug/L			12/14/15 10:56	1
1,3,5-Trimethylbenzene	ND		1.0	0.16	ug/L			12/14/15 10:56	1
Vinyl acetate	ND		3.0	0.94	ug/L			12/14/15 10:56	1
Vinyl chloride	ND		1.0	0.10	ug/L			12/14/15 10:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		78 - 120		12/14/15 10:56	1
Dibromofluoromethane (Surr)	98		77 - 120		12/14/15 10:56	1
1,2-Dichloroethane-d4 (Surr)	96		70 - 127		12/14/15 10:56	1
Toluene-d8 (Surr)	98		80 - 125		12/14/15 10:56	1

Client Sample ID: US-MW-8

Lab Sample ID: 320-16330-4

Date Collected: 12/01/15 15:52

Matrix: Water

Date Received: 12/05/15 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	1.9	ug/L			12/14/15 11:58	1
Benzene	2.4		1.0	0.16	ug/L			12/14/15 11:58	1
Bromobenzene	ND		1.0	0.17	ug/L			12/14/15 11:58	1
Bromochloromethane	ND		1.0	0.10	ug/L			12/14/15 11:58	1
Bromodichloromethane	ND		1.0	0.17	ug/L			12/14/15 11:58	1

TestAmerica Sacramento

Client Sample Results

Client: Environmental Resource Group, Inc.
 Project/Site: Bentley Mall, Fairbanks - Soil Vapor & G

TestAmerica Job ID: 320-16330-1

Client Sample ID: US-MW-8

Lab Sample ID: 320-16330-4

Date Collected: 12/01/15 15:52

Matrix: Water

Date Received: 12/05/15 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		1.0	0.19	ug/L			12/14/15 11:58	1
Bromomethane	ND		2.0	0.21	ug/L			12/14/15 11:58	1
2-Butanone (MEK)	ND		6.0	2.0	ug/L			12/14/15 11:58	1
Carbon disulfide	ND		2.0	0.45	ug/L			12/14/15 11:58	1
Carbon tetrachloride	ND		1.0	0.19	ug/L			12/14/15 11:58	1
Chlorobenzene	ND		1.0	0.17	ug/L			12/14/15 11:58	1
Chloroethane	ND		2.0	0.41	ug/L			12/14/15 11:58	1
Chloroform	0.21	J	1.0	0.16	ug/L			12/14/15 11:58	1
Chloromethane	ND		2.0	0.30	ug/L			12/14/15 11:58	1
2-Chlorotoluene	ND		1.0	0.17	ug/L			12/14/15 11:58	1
4-Chlorotoluene	ND		1.0	0.21	ug/L			12/14/15 11:58	1
cis-1,2-Dichloroethene	ND		1.0	0.15	ug/L			12/14/15 11:58	1
cis-1,3-Dichloropropene	ND		1.0	0.16	ug/L			12/14/15 11:58	1
Dibromochloromethane	ND		1.0	0.17	ug/L			12/14/15 11:58	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.47	ug/L			12/14/15 11:58	1
1,2-Dibromoethane	ND		1.0	0.18	ug/L			12/14/15 11:58	1
Dibromomethane	ND		1.0	0.17	ug/L			12/14/15 11:58	1
1,3-Dichlorobenzene	ND		1.0	0.13	ug/L			12/14/15 11:58	1
1,2-Dichlorobenzene	ND		1.0	0.15	ug/L			12/14/15 11:58	1
1,4-Dichlorobenzene	ND		1.0	0.16	ug/L			12/14/15 11:58	1
1,1-Dichloroethane	ND		1.0	0.22	ug/L			12/14/15 11:58	1
1,2-Dichloroethane	0.24	J	1.0	0.13	ug/L			12/14/15 11:58	1
1,1-Dichloroethene	0.25	J	1.0	0.23	ug/L			12/14/15 11:58	1
1,2-Dichloropropane	ND		1.0	0.18	ug/L			12/14/15 11:58	1
2,2-Dichloropropane	ND		1.0	0.18	ug/L			12/14/15 11:58	1
1,3-Dichloropropane	ND		1.0	0.22	ug/L			12/14/15 11:58	1
1,1-Dichloropropene	ND		1.0	0.19	ug/L			12/14/15 11:58	1
Ethylbenzene	ND		1.0	0.16	ug/L			12/14/15 11:58	1
Freon 12	ND		2.0	0.31	ug/L			12/14/15 11:58	1
Freon-113	ND		3.0	0.42	ug/L			12/14/15 11:58	1
Hexachlorobutadiene	ND		1.0	0.36	ug/L			12/14/15 11:58	1
Hexane	ND		2.0	0.42	ug/L			12/14/15 11:58	1
2-Hexanone	ND		5.0	1.7	ug/L			12/14/15 11:58	1
Isopropylbenzene	ND		1.0	0.19	ug/L			12/14/15 11:58	1
Methylene Chloride	0.41	J	2.0	0.32	ug/L			12/14/15 11:58	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	0.98	ug/L			12/14/15 11:58	1
Methyl tert-butyl ether	ND		5.0	0.25	ug/L			12/14/15 11:58	1
m-Xylene & p-Xylene	ND		2.0	0.34	ug/L			12/14/15 11:58	1
Naphthalene	ND		1.0	0.22	ug/L			12/14/15 11:58	1
n-Butylbenzene	ND		1.0	0.32	ug/L			12/14/15 11:58	1
o-Xylene	ND		1.0	0.19	ug/L			12/14/15 11:58	1
p-Isopropyltoluene	ND		1.0	0.20	ug/L			12/14/15 11:58	1
Propylbenzene	ND		1.0	0.16	ug/L			12/14/15 11:58	1
sec-Butylbenzene	ND		1.0	0.17	ug/L			12/14/15 11:58	1
Styrene	ND *		1.0	0.17	ug/L			12/14/15 11:58	1
tert-Butylbenzene	ND		1.0	0.16	ug/L			12/14/15 11:58	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/14/15 11:58	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/14/15 11:58	1
Tetrachloroethene	ND		1.0	0.20	ug/L			12/14/15 11:58	1

TestAmerica Sacramento

Client Sample Results

Client: Environmental Resource Group, Inc.
 Project/Site: Bentley Mall, Fairbanks - Soil Vapor & G

TestAmerica Job ID: 320-16330-1

Client Sample ID: US-MW-8

Lab Sample ID: 320-16330-4

Date Collected: 12/01/15 15:52

Matrix: Water

Date Received: 12/05/15 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		1.0	0.17	ug/L			12/14/15 11:58	1
1,2-Trans-dichloroethene	ND		1.0	0.15	ug/L			12/14/15 11:58	1
trans-1,3-Dichloropropene	ND		3.0	0.19	ug/L			12/14/15 11:58	1
1,2,4-Trichlorobenzene	ND		1.0	0.21	ug/L			12/14/15 11:58	1
1,2,3-Trichlorobenzene	ND		1.0	0.21	ug/L			12/14/15 11:58	1
1,1,1-Trichloroethane	ND		1.0	0.16	ug/L			12/14/15 11:58	1
1,1,2-Trichloroethane	ND		1.0	0.27	ug/L			12/14/15 11:58	1
Trichloroethene	ND		1.0	0.16	ug/L			12/14/15 11:58	1
Trichlorofluoromethane	ND		2.0	0.29	ug/L			12/14/15 11:58	1
1,2,3-Trichloropropane	ND		2.5	0.33	ug/L			12/14/15 11:58	1
1,2,4-Trimethylbenzene	ND		1.0	0.15	ug/L			12/14/15 11:58	1
1,3,5-Trimethylbenzene	ND		1.0	0.16	ug/L			12/14/15 11:58	1
Vinyl acetate	ND		3.0	0.94	ug/L			12/14/15 11:58	1
Vinyl chloride	0.12	J	1.0	0.10	ug/L			12/14/15 11:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		78 - 120		12/14/15 11:58	1
Dibromofluoromethane (Surr)	96		77 - 120		12/14/15 11:58	1
1,2-Dichloroethane-d4 (Surr)	98		70 - 127		12/14/15 11:58	1
Toluene-d8 (Surr)	96		80 - 125		12/14/15 11:58	1

Client Sample ID: US-MW-9

Lab Sample ID: 320-16330-5

Date Collected: 12/02/15 14:10

Matrix: Water

Date Received: 12/05/15 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	1.9	ug/L			12/14/15 14:24	1
Benzene	0.32	J	1.0	0.16	ug/L			12/14/15 14:24	1
Bromobenzene	ND		1.0	0.17	ug/L			12/14/15 14:24	1
Bromochloromethane	ND		1.0	0.10	ug/L			12/14/15 14:24	1
Bromodichloromethane	ND		1.0	0.17	ug/L			12/14/15 14:24	1
Bromoform	ND		1.0	0.19	ug/L			12/14/15 14:24	1
Bromomethane	ND		2.0	0.21	ug/L			12/14/15 14:24	1
2-Butanone (MEK)	ND		6.0	2.0	ug/L			12/14/15 14:24	1
Carbon disulfide	ND		2.0	0.45	ug/L			12/14/15 14:24	1
Carbon tetrachloride	ND		1.0	0.19	ug/L			12/14/15 14:24	1
Chlorobenzene	ND		1.0	0.17	ug/L			12/14/15 14:24	1
Chloroethane	ND		2.0	0.41	ug/L			12/14/15 14:24	1
Chloroform	ND		1.0	0.16	ug/L			12/14/15 14:24	1
Chloromethane	ND		2.0	0.30	ug/L			12/14/15 14:24	1
2-Chlorotoluene	ND		1.0	0.17	ug/L			12/14/15 14:24	1
4-Chlorotoluene	ND		1.0	0.21	ug/L			12/14/15 14:24	1
cis-1,2-Dichloroethene	ND		1.0	0.15	ug/L			12/14/15 14:24	1
cis-1,3-Dichloropropene	ND		1.0	0.16	ug/L			12/14/15 14:24	1
Dibromochloromethane	ND		1.0	0.17	ug/L			12/14/15 14:24	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.47	ug/L			12/14/15 14:24	1
1,2-Dibromoethane	ND		1.0	0.18	ug/L			12/14/15 14:24	1
Dibromomethane	ND		1.0	0.17	ug/L			12/14/15 14:24	1
1,3-Dichlorobenzene	ND		1.0	0.13	ug/L			12/14/15 14:24	1

TestAmerica Sacramento

Client Sample Results

Client: Environmental Resource Group, Inc.
 Project/Site: Bentley Mall, Fairbanks - Soil Vapor & G

TestAmerica Job ID: 320-16330-1

Client Sample ID: US-MW-9

Lab Sample ID: 320-16330-5

Date Collected: 12/02/15 14:10

Matrix: Water

Date Received: 12/05/15 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND		1.0	0.15	ug/L			12/14/15 14:24	1
1,4-Dichlorobenzene	ND		1.0	0.16	ug/L			12/14/15 14:24	1
1,1-Dichloroethane	ND		1.0	0.22	ug/L			12/14/15 14:24	1
1,2-Dichloroethane	ND		1.0	0.13	ug/L			12/14/15 14:24	1
1,1-Dichloroethene	ND		1.0	0.23	ug/L			12/14/15 14:24	1
1,2-Dichloropropane	ND		1.0	0.18	ug/L			12/14/15 14:24	1
2,2-Dichloropropane	ND		1.0	0.18	ug/L			12/14/15 14:24	1
1,3-Dichloropropane	ND		1.0	0.22	ug/L			12/14/15 14:24	1
1,1-Dichloropropene	ND		1.0	0.19	ug/L			12/14/15 14:24	1
Ethylbenzene	ND		1.0	0.16	ug/L			12/14/15 14:24	1
Freon 12	ND		2.0	0.31	ug/L			12/14/15 14:24	1
Freon-113	ND		3.0	0.42	ug/L			12/14/15 14:24	1
Hexachlorobutadiene	ND		1.0	0.36	ug/L			12/14/15 14:24	1
Hexane	ND		2.0	0.42	ug/L			12/14/15 14:24	1
2-Hexanone	ND		5.0	1.7	ug/L			12/14/15 14:24	1
Isopropylbenzene	ND		1.0	0.19	ug/L			12/14/15 14:24	1
Methylene Chloride	ND		2.0	0.32	ug/L			12/14/15 14:24	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	0.98	ug/L			12/14/15 14:24	1
Methyl tert-butyl ether	ND		5.0	0.25	ug/L			12/14/15 14:24	1
m-Xylene & p-Xylene	ND		2.0	0.34	ug/L			12/14/15 14:24	1
Naphthalene	ND		1.0	0.22	ug/L			12/14/15 14:24	1
n-Butylbenzene	ND		1.0	0.32	ug/L			12/14/15 14:24	1
o-Xylene	ND		1.0	0.19	ug/L			12/14/15 14:24	1
p-Isopropyltoluene	ND		1.0	0.20	ug/L			12/14/15 14:24	1
Propylbenzene	ND		1.0	0.16	ug/L			12/14/15 14:24	1
sec-Butylbenzene	ND		1.0	0.17	ug/L			12/14/15 14:24	1
Styrene	ND *		1.0	0.17	ug/L			12/14/15 14:24	1
tert-Butylbenzene	ND		1.0	0.16	ug/L			12/14/15 14:24	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/14/15 14:24	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/14/15 14:24	1
Tetrachloroethene	0.31	J	1.0	0.20	ug/L			12/14/15 14:24	1
Toluene	ND		1.0	0.17	ug/L			12/14/15 14:24	1
1,2-Trans-dichloroethene	ND		1.0	0.15	ug/L			12/14/15 14:24	1
trans-1,3-Dichloropropene	ND		3.0	0.19	ug/L			12/14/15 14:24	1
1,2,4-Trichlorobenzene	ND		1.0	0.21	ug/L			12/14/15 14:24	1
1,2,3-Trichlorobenzene	ND		1.0	0.21	ug/L			12/14/15 14:24	1
1,1,1-Trichloroethane	ND		1.0	0.16	ug/L			12/14/15 14:24	1
1,1,2-Trichloroethane	ND		1.0	0.27	ug/L			12/14/15 14:24	1
Trichloroethene	ND		1.0	0.16	ug/L			12/14/15 14:24	1
Trichlorofluoromethane	ND		2.0	0.29	ug/L			12/14/15 14:24	1
1,2,3-Trichloropropane	ND		2.5	0.33	ug/L			12/14/15 14:24	1
1,2,4-Trimethylbenzene	ND		1.0	0.15	ug/L			12/14/15 14:24	1
1,3,5-Trimethylbenzene	ND		1.0	0.16	ug/L			12/14/15 14:24	1
Vinyl acetate	ND		3.0	0.94	ug/L			12/14/15 14:24	1
Vinyl chloride	ND		1.0	0.10	ug/L			12/14/15 14:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		78 - 120		12/14/15 14:24	1
Dibromofluoromethane (Surr)	100		77 - 120		12/14/15 14:24	1
1,2-Dichloroethane-d4 (Surr)	101		70 - 127		12/14/15 14:24	1

TestAmerica Sacramento

Client Sample Results

Client: Environmental Resource Group, Inc.
 Project/Site: Bentley Mall, Fairbanks - Soil Vapor & G

TestAmerica Job ID: 320-16330-1

Client Sample ID: US-MW-9

Date Collected: 12/02/15 14:10

Date Received: 12/05/15 09:45

Lab Sample ID: 320-16330-5

Matrix: Water

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	97		80 - 125		12/14/15 14:24	1

Client Sample ID: US-MW-10

Date Collected: 12/01/15 15:28

Date Received: 12/05/15 09:45

Lab Sample ID: 320-16330-6

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	18		10	1.9	ug/L			12/14/15 12:19	1
Benzene	0.26	J	1.0	0.16	ug/L			12/14/15 12:19	1
Bromobenzene	ND		1.0	0.17	ug/L			12/14/15 12:19	1
Bromochloromethane	ND		1.0	0.10	ug/L			12/14/15 12:19	1
Bromodichloromethane	ND		1.0	0.17	ug/L			12/14/15 12:19	1
Bromoform	ND		1.0	0.19	ug/L			12/14/15 12:19	1
Bromomethane	ND		2.0	0.21	ug/L			12/14/15 12:19	1
2-Butanone (MEK)	ND		6.0	2.0	ug/L			12/14/15 12:19	1
Carbon disulfide	ND		2.0	0.45	ug/L			12/14/15 12:19	1
Carbon tetrachloride	ND		1.0	0.19	ug/L			12/14/15 12:19	1
Chlorobenzene	ND		1.0	0.17	ug/L			12/14/15 12:19	1
Chloroethane	ND		2.0	0.41	ug/L			12/14/15 12:19	1
Chloroform	ND		1.0	0.16	ug/L			12/14/15 12:19	1
Chloromethane	ND		2.0	0.30	ug/L			12/14/15 12:19	1
2-Chlorotoluene	ND		1.0	0.17	ug/L			12/14/15 12:19	1
4-Chlorotoluene	ND		1.0	0.21	ug/L			12/14/15 12:19	1
cis-1,2-Dichloroethene	ND		1.0	0.15	ug/L			12/14/15 12:19	1
cis-1,3-Dichloropropene	ND		1.0	0.16	ug/L			12/14/15 12:19	1
Dibromochloromethane	ND		1.0	0.17	ug/L			12/14/15 12:19	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.47	ug/L			12/14/15 12:19	1
1,2-Dibromoethane	ND		1.0	0.18	ug/L			12/14/15 12:19	1
Dibromomethane	ND		1.0	0.17	ug/L			12/14/15 12:19	1
1,3-Dichlorobenzene	ND		1.0	0.13	ug/L			12/14/15 12:19	1
1,2-Dichlorobenzene	ND		1.0	0.15	ug/L			12/14/15 12:19	1
1,4-Dichlorobenzene	ND		1.0	0.16	ug/L			12/14/15 12:19	1
1,1-Dichloroethane	ND		1.0	0.22	ug/L			12/14/15 12:19	1
1,2-Dichloroethane	ND		1.0	0.13	ug/L			12/14/15 12:19	1
1,1-Dichloroethene	ND		1.0	0.23	ug/L			12/14/15 12:19	1
1,2-Dichloropropane	ND		1.0	0.18	ug/L			12/14/15 12:19	1
2,2-Dichloropropane	ND		1.0	0.18	ug/L			12/14/15 12:19	1
1,3-Dichloropropane	ND		1.0	0.22	ug/L			12/14/15 12:19	1
1,1-Dichloropropene	ND		1.0	0.19	ug/L			12/14/15 12:19	1
Ethylbenzene	ND		1.0	0.16	ug/L			12/14/15 12:19	1
Freon 12	ND		2.0	0.31	ug/L			12/14/15 12:19	1
Freon-113	ND		3.0	0.42	ug/L			12/14/15 12:19	1
Hexachlorobutadiene	ND		1.0	0.36	ug/L			12/14/15 12:19	1
Hexane	ND		2.0	0.42	ug/L			12/14/15 12:19	1
2-Hexanone	ND		5.0	1.7	ug/L			12/14/15 12:19	1
Isopropylbenzene	ND		1.0	0.19	ug/L			12/14/15 12:19	1
Methylene Chloride	ND		2.0	0.32	ug/L			12/14/15 12:19	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	0.98	ug/L			12/14/15 12:19	1

TestAmerica Sacramento

Client Sample Results

Client: Environmental Resource Group, Inc.
 Project/Site: Bentley Mall, Fairbanks - Soil Vapor & G

TestAmerica Job ID: 320-16330-1

Client Sample ID: US-MW-10

Lab Sample ID: 320-16330-6

Date Collected: 12/01/15 15:28

Matrix: Water

Date Received: 12/05/15 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		5.0	0.25	ug/L			12/14/15 12:19	1
m-Xylene & p-Xylene	ND		2.0	0.34	ug/L			12/14/15 12:19	1
Naphthalene	ND		1.0	0.22	ug/L			12/14/15 12:19	1
n-Butylbenzene	ND		1.0	0.32	ug/L			12/14/15 12:19	1
o-Xylene	ND		1.0	0.19	ug/L			12/14/15 12:19	1
p-Isopropyltoluene	ND		1.0	0.20	ug/L			12/14/15 12:19	1
Propylbenzene	ND		1.0	0.16	ug/L			12/14/15 12:19	1
sec-Butylbenzene	ND		1.0	0.17	ug/L			12/14/15 12:19	1
Styrene	ND *		1.0	0.17	ug/L			12/14/15 12:19	1
tert-Butylbenzene	ND		1.0	0.16	ug/L			12/14/15 12:19	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/14/15 12:19	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/14/15 12:19	1
Tetrachloroethene	0.20	J	1.0	0.20	ug/L			12/14/15 12:19	1
Toluene	ND		1.0	0.17	ug/L			12/14/15 12:19	1
1,2-Trans-dichloroethene	ND		1.0	0.15	ug/L			12/14/15 12:19	1
trans-1,3-Dichloropropene	ND		3.0	0.19	ug/L			12/14/15 12:19	1
1,2,4-Trichlorobenzene	ND		1.0	0.21	ug/L			12/14/15 12:19	1
1,2,3-Trichlorobenzene	ND		1.0	0.21	ug/L			12/14/15 12:19	1
1,1,1-Trichloroethane	ND		1.0	0.16	ug/L			12/14/15 12:19	1
1,1,2-Trichloroethane	ND		1.0	0.27	ug/L			12/14/15 12:19	1
Trichloroethene	ND		1.0	0.16	ug/L			12/14/15 12:19	1
Trichlorofluoromethane	3.2		2.0	0.29	ug/L			12/14/15 12:19	1
1,2,3-Trichloropropane	ND		2.5	0.33	ug/L			12/14/15 12:19	1
1,2,4-Trimethylbenzene	ND		1.0	0.15	ug/L			12/14/15 12:19	1
1,3,5-Trimethylbenzene	ND		1.0	0.16	ug/L			12/14/15 12:19	1
Vinyl acetate	ND		3.0	0.94	ug/L			12/14/15 12:19	1
Vinyl chloride	ND		1.0	0.10	ug/L			12/14/15 12:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		78 - 120		12/14/15 12:19	1
Dibromofluoromethane (Surr)	98		77 - 120		12/14/15 12:19	1
1,2-Dichloroethane-d4 (Surr)	99		70 - 127		12/14/15 12:19	1
Toluene-d8 (Surr)	97		80 - 125		12/14/15 12:19	1

Client Sample ID: TSN-MW1

Lab Sample ID: 320-16330-7

Date Collected: 12/01/15 14:09

Matrix: Water

Date Received: 12/05/15 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10		10	1.9	ug/L			12/14/15 12:40	1
Benzene	6.3		1.0	0.16	ug/L			12/14/15 12:40	1
Bromobenzene	ND		1.0	0.17	ug/L			12/14/15 12:40	1
Bromochloromethane	ND		1.0	0.10	ug/L			12/14/15 12:40	1
Bromodichloromethane	ND		1.0	0.17	ug/L			12/14/15 12:40	1
Bromoform	ND		1.0	0.19	ug/L			12/14/15 12:40	1
Bromomethane	ND		2.0	0.21	ug/L			12/14/15 12:40	1
2-Butanone (MEK)	ND		6.0	2.0	ug/L			12/14/15 12:40	1
Carbon disulfide	ND		2.0	0.45	ug/L			12/14/15 12:40	1
Carbon tetrachloride	ND		1.0	0.19	ug/L			12/14/15 12:40	1

TestAmerica Sacramento

Client Sample Results

Client: Environmental Resource Group, Inc.
 Project/Site: Bentley Mall, Fairbanks - Soil Vapor & G

TestAmerica Job ID: 320-16330-1

Client Sample ID: TSN-MW1

Lab Sample ID: 320-16330-7

Date Collected: 12/01/15 14:09

Matrix: Water

Date Received: 12/05/15 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		1.0	0.17	ug/L			12/14/15 12:40	1
Chloroethane	ND		2.0	0.41	ug/L			12/14/15 12:40	1
Chloroform	0.21	J	1.0	0.16	ug/L			12/14/15 12:40	1
Chloromethane	ND		2.0	0.30	ug/L			12/14/15 12:40	1
2-Chlorotoluene	ND		1.0	0.17	ug/L			12/14/15 12:40	1
4-Chlorotoluene	ND		1.0	0.21	ug/L			12/14/15 12:40	1
cis-1,2-Dichloroethene	ND		1.0	0.15	ug/L			12/14/15 12:40	1
cis-1,3-Dichloropropene	ND		1.0	0.16	ug/L			12/14/15 12:40	1
Dibromochloromethane	ND		1.0	0.17	ug/L			12/14/15 12:40	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.47	ug/L			12/14/15 12:40	1
1,2-Dibromoethane	ND		1.0	0.18	ug/L			12/14/15 12:40	1
Dibromomethane	ND		1.0	0.17	ug/L			12/14/15 12:40	1
1,3-Dichlorobenzene	ND		1.0	0.13	ug/L			12/14/15 12:40	1
1,2-Dichlorobenzene	ND		1.0	0.15	ug/L			12/14/15 12:40	1
1,4-Dichlorobenzene	0.17	J	1.0	0.16	ug/L			12/14/15 12:40	1
1,1-Dichloroethane	ND		1.0	0.22	ug/L			12/14/15 12:40	1
1,2-Dichloroethane	ND		1.0	0.13	ug/L			12/14/15 12:40	1
1,1-Dichloroethene	0.34	J	1.0	0.23	ug/L			12/14/15 12:40	1
1,2-Dichloropropane	ND		1.0	0.18	ug/L			12/14/15 12:40	1
2,2-Dichloropropane	ND		1.0	0.18	ug/L			12/14/15 12:40	1
1,3-Dichloropropane	ND		1.0	0.22	ug/L			12/14/15 12:40	1
1,1-Dichloropropene	ND		1.0	0.19	ug/L			12/14/15 12:40	1
Ethylbenzene	0.20	J	1.0	0.16	ug/L			12/14/15 12:40	1
Freon 12	ND		2.0	0.31	ug/L			12/14/15 12:40	1
Freon-113	ND		3.0	0.42	ug/L			12/14/15 12:40	1
Hexachlorobutadiene	ND		1.0	0.36	ug/L			12/14/15 12:40	1
Hexane	ND		2.0	0.42	ug/L			12/14/15 12:40	1
2-Hexanone	ND		5.0	1.7	ug/L			12/14/15 12:40	1
Isopropylbenzene	ND		1.0	0.19	ug/L			12/14/15 12:40	1
Methylene Chloride	ND		2.0	0.32	ug/L			12/14/15 12:40	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	0.98	ug/L			12/14/15 12:40	1
Methyl tert-butyl ether	ND		5.0	0.25	ug/L			12/14/15 12:40	1
m-Xylene & p-Xylene	0.81	J	2.0	0.34	ug/L			12/14/15 12:40	1
Naphthalene	0.60	J	1.0	0.22	ug/L			12/14/15 12:40	1
n-Butylbenzene	0.65	J	1.0	0.32	ug/L			12/14/15 12:40	1
o-Xylene	ND		1.0	0.19	ug/L			12/14/15 12:40	1
p-Isopropyltoluene	ND		1.0	0.20	ug/L			12/14/15 12:40	1
Propylbenzene	0.48	J	1.0	0.16	ug/L			12/14/15 12:40	1
sec-Butylbenzene	0.75	J	1.0	0.17	ug/L			12/14/15 12:40	1
Styrene	ND	*	1.0	0.17	ug/L			12/14/15 12:40	1
tert-Butylbenzene	0.18	J	1.0	0.16	ug/L			12/14/15 12:40	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/14/15 12:40	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/14/15 12:40	1
Tetrachloroethene	0.37	J	1.0	0.20	ug/L			12/14/15 12:40	1
Toluene	0.31	J	1.0	0.17	ug/L			12/14/15 12:40	1
1,2-Trans-dichloroethene	ND		1.0	0.15	ug/L			12/14/15 12:40	1
trans-1,3-Dichloropropene	ND		3.0	0.19	ug/L			12/14/15 12:40	1
1,2,4-Trichlorobenzene	ND		1.0	0.21	ug/L			12/14/15 12:40	1
1,2,3-Trichlorobenzene	ND		1.0	0.21	ug/L			12/14/15 12:40	1

TestAmerica Sacramento

Client Sample Results

Client: Environmental Resource Group, Inc.
 Project/Site: Bentley Mall, Fairbanks - Soil Vapor & G

TestAmerica Job ID: 320-16330-1

Client Sample ID: TSN-MW1

Lab Sample ID: 320-16330-7

Date Collected: 12/01/15 14:09

Matrix: Water

Date Received: 12/05/15 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.16	ug/L			12/14/15 12:40	1
1,1,2-Trichloroethane	ND		1.0	0.27	ug/L			12/14/15 12:40	1
Trichloroethene	ND		1.0	0.16	ug/L			12/14/15 12:40	1
Trichlorofluoromethane	9.8		2.0	0.29	ug/L			12/14/15 12:40	1
1,2,3-Trichloropropane	ND		2.5	0.33	ug/L			12/14/15 12:40	1
1,2,4-Trimethylbenzene	0.40	J	1.0	0.15	ug/L			12/14/15 12:40	1
1,3,5-Trimethylbenzene	1.4		1.0	0.16	ug/L			12/14/15 12:40	1
Vinyl acetate	ND		3.0	0.94	ug/L			12/14/15 12:40	1
Vinyl chloride	ND		1.0	0.10	ug/L			12/14/15 12:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		78 - 120					12/14/15 12:40	1
Dibromofluoromethane (Surr)	96		77 - 120					12/14/15 12:40	1
1,2-Dichloroethane-d4 (Surr)	101		70 - 127					12/14/15 12:40	1
Toluene-d8 (Surr)	97		80 - 125					12/14/15 12:40	1

Client Sample ID: GVEA-MW-6

Lab Sample ID: 320-16330-8

Date Collected: 12/02/15 11:52

Matrix: Water

Date Received: 12/05/15 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	1.9	ug/L			12/14/15 14:45	1
Benzene	ND		1.0	0.16	ug/L			12/14/15 14:45	1
Bromobenzene	ND		1.0	0.17	ug/L			12/14/15 14:45	1
Bromochloromethane	ND		1.0	0.10	ug/L			12/14/15 14:45	1
Bromodichloromethane	ND		1.0	0.17	ug/L			12/14/15 14:45	1
Bromoform	ND		1.0	0.19	ug/L			12/14/15 14:45	1
Bromomethane	ND		2.0	0.21	ug/L			12/14/15 14:45	1
2-Butanone (MEK)	ND		6.0	2.0	ug/L			12/14/15 14:45	1
Carbon disulfide	ND		2.0	0.45	ug/L			12/14/15 14:45	1
Carbon tetrachloride	ND		1.0	0.19	ug/L			12/14/15 14:45	1
Chlorobenzene	ND		1.0	0.17	ug/L			12/14/15 14:45	1
Chloroethane	ND		2.0	0.41	ug/L			12/14/15 14:45	1
Chloroform	ND		1.0	0.16	ug/L			12/14/15 14:45	1
Chloromethane	ND		2.0	0.30	ug/L			12/14/15 14:45	1
2-Chlorotoluene	ND		1.0	0.17	ug/L			12/14/15 14:45	1
4-Chlorotoluene	ND		1.0	0.21	ug/L			12/14/15 14:45	1
cis-1,2-Dichloroethene	1.0		1.0	0.15	ug/L			12/14/15 14:45	1
cis-1,3-Dichloropropene	ND		1.0	0.16	ug/L			12/14/15 14:45	1
Dibromochloromethane	ND		1.0	0.17	ug/L			12/14/15 14:45	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.47	ug/L			12/14/15 14:45	1
1,2-Dibromoethane	ND		1.0	0.18	ug/L			12/14/15 14:45	1
Dibromomethane	ND		1.0	0.17	ug/L			12/14/15 14:45	1
1,3-Dichlorobenzene	ND		1.0	0.13	ug/L			12/14/15 14:45	1
1,2-Dichlorobenzene	ND		1.0	0.15	ug/L			12/14/15 14:45	1
1,4-Dichlorobenzene	0.18	J	1.0	0.16	ug/L			12/14/15 14:45	1
1,1-Dichloroethane	ND		1.0	0.22	ug/L			12/14/15 14:45	1
1,2-Dichloroethane	ND		1.0	0.13	ug/L			12/14/15 14:45	1
1,1-Dichloroethene	ND		1.0	0.23	ug/L			12/14/15 14:45	1

TestAmerica Sacramento

Client Sample Results

Client: Environmental Resource Group, Inc.
 Project/Site: Bentley Mall, Fairbanks - Soil Vapor & G

TestAmerica Job ID: 320-16330-1

Client Sample ID: GVEA-MW-6

Lab Sample ID: 320-16330-8

Date Collected: 12/02/15 11:52

Matrix: Water

Date Received: 12/05/15 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	ND		1.0	0.18	ug/L			12/14/15 14:45	1
2,2-Dichloropropane	ND		1.0	0.18	ug/L			12/14/15 14:45	1
1,3-Dichloropropane	ND		1.0	0.22	ug/L			12/14/15 14:45	1
1,1-Dichloropropene	ND		1.0	0.19	ug/L			12/14/15 14:45	1
Ethylbenzene	ND		1.0	0.16	ug/L			12/14/15 14:45	1
Freon 12	ND		2.0	0.31	ug/L			12/14/15 14:45	1
Freon-113	ND		3.0	0.42	ug/L			12/14/15 14:45	1
Hexachlorobutadiene	ND		1.0	0.36	ug/L			12/14/15 14:45	1
Hexane	ND		2.0	0.42	ug/L			12/14/15 14:45	1
2-Hexanone	ND		5.0	1.7	ug/L			12/14/15 14:45	1
Isopropylbenzene	ND		1.0	0.19	ug/L			12/14/15 14:45	1
Methylene Chloride	ND		2.0	0.32	ug/L			12/14/15 14:45	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	0.98	ug/L			12/14/15 14:45	1
Methyl tert-butyl ether	ND		5.0	0.25	ug/L			12/14/15 14:45	1
m-Xylene & p-Xylene	ND		2.0	0.34	ug/L			12/14/15 14:45	1
Naphthalene	ND		1.0	0.22	ug/L			12/14/15 14:45	1
n-Butylbenzene	ND		1.0	0.32	ug/L			12/14/15 14:45	1
o-Xylene	ND		1.0	0.19	ug/L			12/14/15 14:45	1
p-Isopropyltoluene	ND		1.0	0.20	ug/L			12/14/15 14:45	1
Propylbenzene	ND		1.0	0.16	ug/L			12/14/15 14:45	1
sec-Butylbenzene	ND		1.0	0.17	ug/L			12/14/15 14:45	1
Styrene	ND *		1.0	0.17	ug/L			12/14/15 14:45	1
tert-Butylbenzene	ND		1.0	0.16	ug/L			12/14/15 14:45	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/14/15 14:45	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/14/15 14:45	1
Tetrachloroethene	4.1		1.0	0.20	ug/L			12/14/15 14:45	1
Toluene	ND		1.0	0.17	ug/L			12/14/15 14:45	1
1,2-Trans-dichloroethene	0.74 J		1.0	0.15	ug/L			12/14/15 14:45	1
trans-1,3-Dichloropropene	ND		3.0	0.19	ug/L			12/14/15 14:45	1
1,2,4-Trichlorobenzene	ND		1.0	0.21	ug/L			12/14/15 14:45	1
1,2,3-Trichlorobenzene	ND		1.0	0.21	ug/L			12/14/15 14:45	1
1,1,1-Trichloroethane	ND		1.0	0.16	ug/L			12/14/15 14:45	1
1,1,2-Trichloroethane	ND		1.0	0.27	ug/L			12/14/15 14:45	1
Trichloroethene	2.0		1.0	0.16	ug/L			12/14/15 14:45	1
Trichlorofluoromethane	11		2.0	0.29	ug/L			12/14/15 14:45	1
1,2,3-Trichloropropane	ND		2.5	0.33	ug/L			12/14/15 14:45	1
1,2,4-Trimethylbenzene	ND		1.0	0.15	ug/L			12/14/15 14:45	1
1,3,5-Trimethylbenzene	ND		1.0	0.16	ug/L			12/14/15 14:45	1
Vinyl acetate	ND		3.0	0.94	ug/L			12/14/15 14:45	1
Vinyl chloride	ND		1.0	0.10	ug/L			12/14/15 14:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		78 - 120		12/14/15 14:45	1
Dibromofluoromethane (Surr)	101		77 - 120		12/14/15 14:45	1
1,2-Dichloroethane-d4 (Surr)	102		70 - 127		12/14/15 14:45	1
Toluene-d8 (Surr)	96		80 - 125		12/14/15 14:45	1

TestAmerica Sacramento

Client Sample Results

Client: Environmental Resource Group, Inc.
 Project/Site: Bentley Mall, Fairbanks - Soil Vapor & G

TestAmerica Job ID: 320-16330-1

Client Sample ID: GVEA-MW-7

Lab Sample ID: 320-16330-9

Date Collected: 12/02/15 12:16

Matrix: Water

Date Received: 12/05/15 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	1.9	ug/L			12/14/15 15:06	1
Benzene	ND		1.0	0.16	ug/L			12/14/15 15:06	1
Bromobenzene	ND		1.0	0.17	ug/L			12/14/15 15:06	1
Bromochloromethane	ND		1.0	0.10	ug/L			12/14/15 15:06	1
Bromodichloromethane	ND		1.0	0.17	ug/L			12/14/15 15:06	1
Bromoform	ND		1.0	0.19	ug/L			12/14/15 15:06	1
Bromomethane	ND		2.0	0.21	ug/L			12/14/15 15:06	1
2-Butanone (MEK)	ND		6.0	2.0	ug/L			12/14/15 15:06	1
Carbon disulfide	ND		2.0	0.45	ug/L			12/14/15 15:06	1
Carbon tetrachloride	ND		1.0	0.19	ug/L			12/14/15 15:06	1
Chlorobenzene	ND		1.0	0.17	ug/L			12/14/15 15:06	1
Chloroethane	ND		2.0	0.41	ug/L			12/14/15 15:06	1
Chloroform	ND		1.0	0.16	ug/L			12/14/15 15:06	1
Chloromethane	ND		2.0	0.30	ug/L			12/14/15 15:06	1
2-Chlorotoluene	ND		1.0	0.17	ug/L			12/14/15 15:06	1
4-Chlorotoluene	ND		1.0	0.21	ug/L			12/14/15 15:06	1
cis-1,2-Dichloroethene	0.28	J	1.0	0.15	ug/L			12/14/15 15:06	1
cis-1,3-Dichloropropene	ND		1.0	0.16	ug/L			12/14/15 15:06	1
Dibromochloromethane	ND		1.0	0.17	ug/L			12/14/15 15:06	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.47	ug/L			12/14/15 15:06	1
1,2-Dibromoethane	ND		1.0	0.18	ug/L			12/14/15 15:06	1
Dibromomethane	ND		1.0	0.17	ug/L			12/14/15 15:06	1
1,3-Dichlorobenzene	ND		1.0	0.13	ug/L			12/14/15 15:06	1
1,2-Dichlorobenzene	ND		1.0	0.15	ug/L			12/14/15 15:06	1
1,4-Dichlorobenzene	ND		1.0	0.16	ug/L			12/14/15 15:06	1
1,1-Dichloroethane	ND		1.0	0.22	ug/L			12/14/15 15:06	1
1,2-Dichloroethane	ND		1.0	0.13	ug/L			12/14/15 15:06	1
1,1-Dichloroethene	ND		1.0	0.23	ug/L			12/14/15 15:06	1
1,2-Dichloropropane	ND		1.0	0.18	ug/L			12/14/15 15:06	1
2,2-Dichloropropane	ND		1.0	0.18	ug/L			12/14/15 15:06	1
1,3-Dichloropropane	ND		1.0	0.22	ug/L			12/14/15 15:06	1
1,1-Dichloropropene	ND		1.0	0.19	ug/L			12/14/15 15:06	1
Ethylbenzene	ND		1.0	0.16	ug/L			12/14/15 15:06	1
Freon 12	ND		2.0	0.31	ug/L			12/14/15 15:06	1
Freon-113	ND		3.0	0.42	ug/L			12/14/15 15:06	1
Hexachlorobutadiene	ND		1.0	0.36	ug/L			12/14/15 15:06	1
Hexane	ND		2.0	0.42	ug/L			12/14/15 15:06	1
2-Hexanone	ND		5.0	1.7	ug/L			12/14/15 15:06	1
Isopropylbenzene	ND		1.0	0.19	ug/L			12/14/15 15:06	1
Methylene Chloride	ND		2.0	0.32	ug/L			12/14/15 15:06	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	0.98	ug/L			12/14/15 15:06	1
Methyl tert-butyl ether	ND		5.0	0.25	ug/L			12/14/15 15:06	1
m-Xylene & p-Xylene	ND		2.0	0.34	ug/L			12/14/15 15:06	1
Naphthalene	ND		1.0	0.22	ug/L			12/14/15 15:06	1
n-Butylbenzene	ND		1.0	0.32	ug/L			12/14/15 15:06	1
o-Xylene	ND		1.0	0.19	ug/L			12/14/15 15:06	1
p-Isopropyltoluene	ND		1.0	0.20	ug/L			12/14/15 15:06	1
Propylbenzene	ND		1.0	0.16	ug/L			12/14/15 15:06	1
sec-Butylbenzene	ND		1.0	0.17	ug/L			12/14/15 15:06	1

TestAmerica Sacramento

Client Sample Results

Client: Environmental Resource Group, Inc.
 Project/Site: Bentley Mall, Fairbanks - Soil Vapor & G

TestAmerica Job ID: 320-16330-1

Client Sample ID: GVEA-MW-7

Lab Sample ID: 320-16330-9

Date Collected: 12/02/15 12:16

Matrix: Water

Date Received: 12/05/15 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND	*	1.0	0.17	ug/L			12/14/15 15:06	1
tert-Butylbenzene	ND		1.0	0.16	ug/L			12/14/15 15:06	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/14/15 15:06	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/14/15 15:06	1
Tetrachloroethene	ND		1.0	0.20	ug/L			12/14/15 15:06	1
Toluene	ND		1.0	0.17	ug/L			12/14/15 15:06	1
1,2-Trans-dichloroethene	ND		1.0	0.15	ug/L			12/14/15 15:06	1
trans-1,3-Dichloropropene	ND		3.0	0.19	ug/L			12/14/15 15:06	1
1,2,4-Trichlorobenzene	ND		1.0	0.21	ug/L			12/14/15 15:06	1
1,2,3-Trichlorobenzene	ND		1.0	0.21	ug/L			12/14/15 15:06	1
1,1,1-Trichloroethane	ND		1.0	0.16	ug/L			12/14/15 15:06	1
1,1,2-Trichloroethane	ND		1.0	0.27	ug/L			12/14/15 15:06	1
Trichloroethene	0.22	J	1.0	0.16	ug/L			12/14/15 15:06	1
Trichlorofluoromethane	ND		2.0	0.29	ug/L			12/14/15 15:06	1
1,2,3-Trichloropropane	ND		2.5	0.33	ug/L			12/14/15 15:06	1
1,2,4-Trimethylbenzene	ND		1.0	0.15	ug/L			12/14/15 15:06	1
1,3,5-Trimethylbenzene	ND		1.0	0.16	ug/L			12/14/15 15:06	1
Vinyl acetate	ND		3.0	0.94	ug/L			12/14/15 15:06	1
Vinyl chloride	ND		1.0	0.10	ug/L			12/14/15 15:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		78 - 120		12/14/15 15:06	1
Dibromofluoromethane (Surr)	99		77 - 120		12/14/15 15:06	1
1,2-Dichloroethane-d4 (Surr)	101		70 - 127		12/14/15 15:06	1
Toluene-d8 (Surr)	96		80 - 125		12/14/15 15:06	1

Client Sample ID: ZEHNDER

Lab Sample ID: 320-16330-10

Date Collected: 12/02/15 11:30

Matrix: Water

Date Received: 12/05/15 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	1.9	ug/L			12/14/15 15:27	1
Benzene	ND		1.0	0.16	ug/L			12/14/15 15:27	1
Bromobenzene	ND		1.0	0.17	ug/L			12/14/15 15:27	1
Bromochloromethane	ND		1.0	0.10	ug/L			12/14/15 15:27	1
Bromodichloromethane	ND		1.0	0.17	ug/L			12/14/15 15:27	1
Bromoform	ND		1.0	0.19	ug/L			12/14/15 15:27	1
Bromomethane	ND		2.0	0.21	ug/L			12/14/15 15:27	1
2-Butanone (MEK)	ND		6.0	2.0	ug/L			12/14/15 15:27	1
Carbon disulfide	ND		2.0	0.45	ug/L			12/14/15 15:27	1
Carbon tetrachloride	ND		1.0	0.19	ug/L			12/14/15 15:27	1
Chlorobenzene	ND		1.0	0.17	ug/L			12/14/15 15:27	1
Chloroethane	ND		2.0	0.41	ug/L			12/14/15 15:27	1
Chloroform	ND		1.0	0.16	ug/L			12/14/15 15:27	1
Chloromethane	ND		2.0	0.30	ug/L			12/14/15 15:27	1
2-Chlorotoluene	ND		1.0	0.17	ug/L			12/14/15 15:27	1
4-Chlorotoluene	ND		1.0	0.21	ug/L			12/14/15 15:27	1
cis-1,2-Dichloroethene	0.24	J	1.0	0.15	ug/L			12/14/15 15:27	1
cis-1,3-Dichloropropene	ND		1.0	0.16	ug/L			12/14/15 15:27	1

TestAmerica Sacramento

Client Sample Results

Client: Environmental Resource Group, Inc.
 Project/Site: Bentley Mall, Fairbanks - Soil Vapor & G

TestAmerica Job ID: 320-16330-1

Client Sample ID: ZEHNDER

Lab Sample ID: 320-16330-10

Date Collected: 12/02/15 11:30

Matrix: Water

Date Received: 12/05/15 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromochloromethane	ND		1.0	0.17	ug/L			12/14/15 15:27	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.47	ug/L			12/14/15 15:27	1
1,2-Dibromoethane	ND		1.0	0.18	ug/L			12/14/15 15:27	1
Dibromomethane	ND		1.0	0.17	ug/L			12/14/15 15:27	1
1,3-Dichlorobenzene	ND		1.0	0.13	ug/L			12/14/15 15:27	1
1,2-Dichlorobenzene	ND		1.0	0.15	ug/L			12/14/15 15:27	1
1,4-Dichlorobenzene	ND		1.0	0.16	ug/L			12/14/15 15:27	1
1,1-Dichloroethane	ND		1.0	0.22	ug/L			12/14/15 15:27	1
1,2-Dichloroethane	ND		1.0	0.13	ug/L			12/14/15 15:27	1
1,1-Dichloroethene	ND		1.0	0.23	ug/L			12/14/15 15:27	1
1,2-Dichloropropane	ND		1.0	0.18	ug/L			12/14/15 15:27	1
2,2-Dichloropropane	ND		1.0	0.18	ug/L			12/14/15 15:27	1
1,3-Dichloropropane	ND		1.0	0.22	ug/L			12/14/15 15:27	1
1,1-Dichloropropene	ND		1.0	0.19	ug/L			12/14/15 15:27	1
Ethylbenzene	ND		1.0	0.16	ug/L			12/14/15 15:27	1
Freon 12	ND		2.0	0.31	ug/L			12/14/15 15:27	1
Freon-113	ND		3.0	0.42	ug/L			12/14/15 15:27	1
Hexachlorobutadiene	ND		1.0	0.36	ug/L			12/14/15 15:27	1
Hexane	ND		2.0	0.42	ug/L			12/14/15 15:27	1
2-Hexanone	ND		5.0	1.7	ug/L			12/14/15 15:27	1
Isopropylbenzene	ND		1.0	0.19	ug/L			12/14/15 15:27	1
Methylene Chloride	ND		2.0	0.32	ug/L			12/14/15 15:27	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	0.98	ug/L			12/14/15 15:27	1
Methyl tert-butyl ether	ND		5.0	0.25	ug/L			12/14/15 15:27	1
m-Xylene & p-Xylene	ND		2.0	0.34	ug/L			12/14/15 15:27	1
Naphthalene	ND		1.0	0.22	ug/L			12/14/15 15:27	1
n-Butylbenzene	ND		1.0	0.32	ug/L			12/14/15 15:27	1
o-Xylene	ND		1.0	0.19	ug/L			12/14/15 15:27	1
p-Isopropyltoluene	ND		1.0	0.20	ug/L			12/14/15 15:27	1
Propylbenzene	ND		1.0	0.16	ug/L			12/14/15 15:27	1
sec-Butylbenzene	ND		1.0	0.17	ug/L			12/14/15 15:27	1
Styrene	ND *		1.0	0.17	ug/L			12/14/15 15:27	1
tert-Butylbenzene	ND		1.0	0.16	ug/L			12/14/15 15:27	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/14/15 15:27	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/14/15 15:27	1
Tetrachloroethene	16		1.0	0.20	ug/L			12/14/15 15:27	1
Toluene	ND		1.0	0.17	ug/L			12/14/15 15:27	1
1,2-Trans-dichloroethene	ND		1.0	0.15	ug/L			12/14/15 15:27	1
trans-1,3-Dichloropropene	ND		3.0	0.19	ug/L			12/14/15 15:27	1
1,2,4-Trichlorobenzene	ND		1.0	0.21	ug/L			12/14/15 15:27	1
1,2,3-Trichlorobenzene	ND		1.0	0.21	ug/L			12/14/15 15:27	1
1,1,1-Trichloroethane	ND		1.0	0.16	ug/L			12/14/15 15:27	1
1,1,2-Trichloroethane	ND		1.0	0.27	ug/L			12/14/15 15:27	1
Trichloroethene	0.32 J		1.0	0.16	ug/L			12/14/15 15:27	1
Trichlorofluoromethane	3.3		2.0	0.29	ug/L			12/14/15 15:27	1
1,2,3-Trichloropropane	ND		2.5	0.33	ug/L			12/14/15 15:27	1
1,2,4-Trimethylbenzene	ND		1.0	0.15	ug/L			12/14/15 15:27	1
1,3,5-Trimethylbenzene	ND		1.0	0.16	ug/L			12/14/15 15:27	1
Vinyl acetate	ND		3.0	0.94	ug/L			12/14/15 15:27	1

TestAmerica Sacramento

Client Sample Results

Client: Environmental Resource Group, Inc.
 Project/Site: Bentley Mall, Fairbanks - Soil Vapor & G

TestAmerica Job ID: 320-16330-1

Client Sample ID: ZEHNDER

Date Collected: 12/02/15 11:30

Date Received: 12/05/15 09:45

Lab Sample ID: 320-16330-10

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	ND		1.0	0.10	ug/L			12/14/15 15:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		78 - 120					12/14/15 15:27	1
Dibromofluoromethane (Surr)	98		77 - 120					12/14/15 15:27	1
1,2-Dichloroethane-d4 (Surr)	102		70 - 127					12/14/15 15:27	1
Toluene-d8 (Surr)	96		80 - 125					12/14/15 15:27	1

Client Sample ID: FAIR-2

Date Collected: 12/03/15 11:28

Date Received: 12/05/15 09:45

Lab Sample ID: 320-16330-11

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	1.9	ug/L			12/14/15 15:48	1
Benzene	ND		1.0	0.16	ug/L			12/14/15 15:48	1
Bromobenzene	ND		1.0	0.17	ug/L			12/14/15 15:48	1
Bromochloromethane	ND		1.0	0.10	ug/L			12/14/15 15:48	1
Bromodichloromethane	ND		1.0	0.17	ug/L			12/14/15 15:48	1
Bromoform	ND		1.0	0.19	ug/L			12/14/15 15:48	1
Bromomethane	ND		2.0	0.21	ug/L			12/14/15 15:48	1
2-Butanone (MEK)	ND		6.0	2.0	ug/L			12/14/15 15:48	1
Carbon disulfide	ND		2.0	0.45	ug/L			12/14/15 15:48	1
Carbon tetrachloride	ND		1.0	0.19	ug/L			12/14/15 15:48	1
Chlorobenzene	ND		1.0	0.17	ug/L			12/14/15 15:48	1
Chloroethane	ND		2.0	0.41	ug/L			12/14/15 15:48	1
Chloroform	ND		1.0	0.16	ug/L			12/14/15 15:48	1
Chloromethane	ND		2.0	0.30	ug/L			12/14/15 15:48	1
2-Chlorotoluene	ND		1.0	0.17	ug/L			12/14/15 15:48	1
4-Chlorotoluene	ND		1.0	0.21	ug/L			12/14/15 15:48	1
cis-1,2-Dichloroethene	ND		1.0	0.15	ug/L			12/14/15 15:48	1
cis-1,3-Dichloropropene	ND		1.0	0.16	ug/L			12/14/15 15:48	1
Dibromochloromethane	ND		1.0	0.17	ug/L			12/14/15 15:48	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.47	ug/L			12/14/15 15:48	1
1,2-Dibromoethane	ND		1.0	0.18	ug/L			12/14/15 15:48	1
Dibromomethane	ND		1.0	0.17	ug/L			12/14/15 15:48	1
1,3-Dichlorobenzene	ND		1.0	0.13	ug/L			12/14/15 15:48	1
1,2-Dichlorobenzene	ND		1.0	0.15	ug/L			12/14/15 15:48	1
1,4-Dichlorobenzene	ND		1.0	0.16	ug/L			12/14/15 15:48	1
1,1-Dichloroethane	ND		1.0	0.22	ug/L			12/14/15 15:48	1
1,2-Dichloroethane	ND		1.0	0.13	ug/L			12/14/15 15:48	1
1,1-Dichloroethene	ND		1.0	0.23	ug/L			12/14/15 15:48	1
1,2-Dichloropropane	ND		1.0	0.18	ug/L			12/14/15 15:48	1
2,2-Dichloropropane	ND		1.0	0.18	ug/L			12/14/15 15:48	1
1,3-Dichloropropane	ND		1.0	0.22	ug/L			12/14/15 15:48	1
1,1-Dichloropropene	ND		1.0	0.19	ug/L			12/14/15 15:48	1
Ethylbenzene	ND		1.0	0.16	ug/L			12/14/15 15:48	1
Freon 12	ND		2.0	0.31	ug/L			12/14/15 15:48	1
Freon-113	ND		3.0	0.42	ug/L			12/14/15 15:48	1
Hexachlorobutadiene	ND		1.0	0.36	ug/L			12/14/15 15:48	1

TestAmerica Sacramento

Client Sample Results

Client: Environmental Resource Group, Inc.
Project/Site: Bentley Mall, Fairbanks - Soil Vapor & G

TestAmerica Job ID: 320-16330-1

Client Sample ID: FAIR-2

Date Collected: 12/03/15 11:28

Date Received: 12/05/15 09:45

Lab Sample ID: 320-16330-11

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexane	ND		2.0	0.42	ug/L			12/14/15 15:48	1
2-Hexanone	ND		5.0	1.7	ug/L			12/14/15 15:48	1
Isopropylbenzene	ND		1.0	0.19	ug/L			12/14/15 15:48	1
Methylene Chloride	ND		2.0	0.32	ug/L			12/14/15 15:48	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	0.98	ug/L			12/14/15 15:48	1
Methyl tert-butyl ether	ND		5.0	0.25	ug/L			12/14/15 15:48	1
m-Xylene & p-Xylene	ND		2.0	0.34	ug/L			12/14/15 15:48	1
Naphthalene	ND		1.0	0.22	ug/L			12/14/15 15:48	1
n-Butylbenzene	ND		1.0	0.32	ug/L			12/14/15 15:48	1
o-Xylene	ND		1.0	0.19	ug/L			12/14/15 15:48	1
p-Isopropyltoluene	ND		1.0	0.20	ug/L			12/14/15 15:48	1
Propylbenzene	ND		1.0	0.16	ug/L			12/14/15 15:48	1
sec-Butylbenzene	ND		1.0	0.17	ug/L			12/14/15 15:48	1
Styrene	ND	*	1.0	0.17	ug/L			12/14/15 15:48	1
tert-Butylbenzene	ND		1.0	0.16	ug/L			12/14/15 15:48	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/14/15 15:48	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/14/15 15:48	1
Tetrachloroethene	ND		1.0	0.20	ug/L			12/14/15 15:48	1
Toluene	ND		1.0	0.17	ug/L			12/14/15 15:48	1
1,2-Trans-dichloroethene	ND		1.0	0.15	ug/L			12/14/15 15:48	1
trans-1,3-Dichloropropene	ND		3.0	0.19	ug/L			12/14/15 15:48	1
1,2,4-Trichlorobenzene	ND		1.0	0.21	ug/L			12/14/15 15:48	1
1,2,3-Trichlorobenzene	ND		1.0	0.21	ug/L			12/14/15 15:48	1
1,1,1-Trichloroethane	ND		1.0	0.16	ug/L			12/14/15 15:48	1
1,1,2-Trichloroethane	ND		1.0	0.27	ug/L			12/14/15 15:48	1
Trichloroethene	ND		1.0	0.16	ug/L			12/14/15 15:48	1
Trichlorofluoromethane	0.94	J	2.0	0.29	ug/L			12/14/15 15:48	1
1,2,3-Trichloropropane	ND		2.5	0.33	ug/L			12/14/15 15:48	1
1,2,4-Trimethylbenzene	ND		1.0	0.15	ug/L			12/14/15 15:48	1
1,3,5-Trimethylbenzene	ND		1.0	0.16	ug/L			12/14/15 15:48	1
Vinyl acetate	ND		3.0	0.94	ug/L			12/14/15 15:48	1
Vinyl chloride	ND		1.0	0.10	ug/L			12/14/15 15:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		78 - 120		12/14/15 15:48	1
Dibromofluoromethane (Surr)	97		77 - 120		12/14/15 15:48	1
1,2-Dichloroethane-d4 (Surr)	102		70 - 127		12/14/15 15:48	1
Toluene-d8 (Surr)	96		80 - 125		12/14/15 15:48	1

Client Sample ID: FAIR-3

Date Collected: 12/03/15 10:46

Date Received: 12/05/15 09:45

Lab Sample ID: 320-16330-12

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		20	3.8	ug/L			12/15/15 16:48	1
Benzene	ND		2.0	0.32	ug/L			12/15/15 16:48	1
Bromobenzene	ND		2.0	0.34	ug/L			12/15/15 16:48	1
Bromochloromethane	ND		2.0	0.20	ug/L			12/15/15 16:48	1
Bromodichloromethane	ND		2.0	0.34	ug/L			12/15/15 16:48	1

TestAmerica Sacramento

Client Sample Results

Client: Environmental Resource Group, Inc.
 Project/Site: Bentley Mall, Fairbanks - Soil Vapor & G

TestAmerica Job ID: 320-16330-1

Client Sample ID: FAIR-3

Lab Sample ID: 320-16330-12

Date Collected: 12/03/15 10:46

Matrix: Water

Date Received: 12/05/15 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		2.0	0.38	ug/L			12/15/15 16:48	1
Bromomethane	ND		4.0	0.42	ug/L			12/15/15 16:48	1
2-Butanone (MEK)	ND		12	4.0	ug/L			12/15/15 16:48	1
Carbon disulfide	ND		4.0	0.90	ug/L			12/15/15 16:48	1
Carbon tetrachloride	ND		2.0	0.38	ug/L			12/15/15 16:48	1
Chlorobenzene	ND		2.0	0.34	ug/L			12/15/15 16:48	1
Chloroethane	ND		4.0	0.82	ug/L			12/15/15 16:48	1
Chloroform	ND		2.0	0.32	ug/L			12/15/15 16:48	1
Chloromethane	ND		4.0	0.60	ug/L			12/15/15 16:48	1
2-Chlorotoluene	ND		2.0	0.34	ug/L			12/15/15 16:48	1
4-Chlorotoluene	ND		2.0	0.42	ug/L			12/15/15 16:48	1
cis-1,2-Dichloroethene	0.67	J	2.0	0.30	ug/L			12/15/15 16:48	1
cis-1,3-Dichloropropene	ND		2.0	0.32	ug/L			12/15/15 16:48	1
Dibromochloromethane	ND		2.0	0.34	ug/L			12/15/15 16:48	1
1,2-Dibromo-3-Chloropropane	ND		10	0.94	ug/L			12/15/15 16:48	1
1,2-Dibromoethane	ND		2.0	0.36	ug/L			12/15/15 16:48	1
Dibromomethane	ND		2.0	0.34	ug/L			12/15/15 16:48	1
1,3-Dichlorobenzene	ND		2.0	0.26	ug/L			12/15/15 16:48	1
1,2-Dichlorobenzene	ND		2.0	0.30	ug/L			12/15/15 16:48	1
1,4-Dichlorobenzene	ND		2.0	0.32	ug/L			12/15/15 16:48	1
1,1-Dichloroethane	ND		2.0	0.44	ug/L			12/15/15 16:48	1
1,2-Dichloroethane	ND		2.0	0.26	ug/L			12/15/15 16:48	1
1,1-Dichloroethene	ND		2.0	0.46	ug/L			12/15/15 16:48	1
1,2-Dichloropropane	ND		2.0	0.36	ug/L			12/15/15 16:48	1
2,2-Dichloropropane	ND		2.0	0.36	ug/L			12/15/15 16:48	1
1,3-Dichloropropane	ND		2.0	0.44	ug/L			12/15/15 16:48	1
1,1-Dichloropropene	ND		2.0	0.38	ug/L			12/15/15 16:48	1
Ethylbenzene	ND		2.0	0.32	ug/L			12/15/15 16:48	1
Freon 12	ND		4.0	0.62	ug/L			12/15/15 16:48	1
Freon-113	ND		6.0	0.84	ug/L			12/15/15 16:48	1
Hexachlorobutadiene	ND		2.0	0.72	ug/L			12/15/15 16:48	1
Hexane	ND		4.0	0.84	ug/L			12/15/15 16:48	1
2-Hexanone	ND		10	3.4	ug/L			12/15/15 16:48	1
Isopropylbenzene	ND		2.0	0.38	ug/L			12/15/15 16:48	1
Methylene Chloride	ND		4.0	0.64	ug/L			12/15/15 16:48	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.0	ug/L			12/15/15 16:48	1
Methyl tert-butyl ether	ND		10	0.50	ug/L			12/15/15 16:48	1
m-Xylene & p-Xylene	ND		4.0	0.68	ug/L			12/15/15 16:48	1
Naphthalene	ND		2.0	0.44	ug/L			12/15/15 16:48	1
n-Butylbenzene	ND		2.0	0.64	ug/L			12/15/15 16:48	1
o-Xylene	ND		2.0	0.38	ug/L			12/15/15 16:48	1
p-Isopropyltoluene	ND		2.0	0.40	ug/L			12/15/15 16:48	1
Propylbenzene	ND		2.0	0.32	ug/L			12/15/15 16:48	1
sec-Butylbenzene	ND		2.0	0.34	ug/L			12/15/15 16:48	1
Styrene	ND		2.0	0.34	ug/L			12/15/15 16:48	1
tert-Butylbenzene	ND		2.0	0.32	ug/L			12/15/15 16:48	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ug/L			12/15/15 16:48	1
1,1,1,2-Tetrachloroethane	ND		2.0	0.42	ug/L			12/15/15 16:48	1
Tetrachloroethene	ND		2.0	0.40	ug/L			12/15/15 16:48	1

TestAmerica Sacramento

Client Sample Results

Client: Environmental Resource Group, Inc.
 Project/Site: Bentley Mall, Fairbanks - Soil Vapor & G

TestAmerica Job ID: 320-16330-1

Client Sample ID: FAIR-3

Date Collected: 12/03/15 10:46

Date Received: 12/05/15 09:45

Lab Sample ID: 320-16330-12

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		2.0	0.34	ug/L			12/15/15 16:48	1
1,2-Trans-dichloroethene	68		2.0	0.30	ug/L			12/15/15 16:48	1
trans-1,3-Dichloropropene	ND		6.0	0.38	ug/L			12/15/15 16:48	1
1,2,4-Trichlorobenzene	ND		2.0	0.42	ug/L			12/15/15 16:48	1
1,2,3-Trichlorobenzene	ND		2.0	0.42	ug/L			12/15/15 16:48	1
1,1,1-Trichloroethane	ND		2.0	0.32	ug/L			12/15/15 16:48	1
1,1,2-Trichloroethane	ND		2.0	0.54	ug/L			12/15/15 16:48	1
Trichloroethene	ND		2.0	0.32	ug/L			12/15/15 16:48	1
Trichlorofluoromethane	ND		4.0	0.58	ug/L			12/15/15 16:48	1
1,2,3-Trichloropropane	ND		5.0	0.66	ug/L			12/15/15 16:48	1
1,2,4-Trimethylbenzene	ND		2.0	0.30	ug/L			12/15/15 16:48	1
1,3,5-Trimethylbenzene	ND		2.0	0.32	ug/L			12/15/15 16:48	1
Vinyl acetate	ND		6.0	1.9	ug/L			12/15/15 16:48	1
Vinyl chloride	ND		2.0	0.20	ug/L			12/15/15 16:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		78 - 120					12/15/15 16:48	1
Dibromofluoromethane (Surr)	107		77 - 120					12/15/15 16:48	1
1,2-Dichloroethane-d4 (Surr)	112		70 - 127					12/15/15 16:48	1
Toluene-d8 (Surr)	100		80 - 125					12/15/15 16:48	1

Client Sample ID: FAIR-5

Date Collected: 12/01/15 11:05

Date Received: 12/05/15 09:45

Lab Sample ID: 320-16330-13

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	13		10	1.9	ug/L			12/14/15 13:01	1
Benzene	ND		1.0	0.16	ug/L			12/14/15 13:01	1
Bromobenzene	ND		1.0	0.17	ug/L			12/14/15 13:01	1
Bromochloromethane	ND		1.0	0.10	ug/L			12/14/15 13:01	1
Bromodichloromethane	ND		1.0	0.17	ug/L			12/14/15 13:01	1
Bromoform	ND		1.0	0.19	ug/L			12/14/15 13:01	1
Bromomethane	ND		2.0	0.21	ug/L			12/14/15 13:01	1
2-Butanone (MEK)	ND		6.0	2.0	ug/L			12/14/15 13:01	1
Carbon disulfide	ND		2.0	0.45	ug/L			12/14/15 13:01	1
Carbon tetrachloride	ND		1.0	0.19	ug/L			12/14/15 13:01	1
Chlorobenzene	ND		1.0	0.17	ug/L			12/14/15 13:01	1
Chloroethane	ND		2.0	0.41	ug/L			12/14/15 13:01	1
Chloroform	ND		1.0	0.16	ug/L			12/14/15 13:01	1
Chloromethane	ND		2.0	0.30	ug/L			12/14/15 13:01	1
2-Chlorotoluene	ND		1.0	0.17	ug/L			12/14/15 13:01	1
4-Chlorotoluene	ND		1.0	0.21	ug/L			12/14/15 13:01	1
cis-1,2-Dichloroethene	ND		1.0	0.15	ug/L			12/14/15 13:01	1
cis-1,3-Dichloropropene	ND		1.0	0.16	ug/L			12/14/15 13:01	1
Dibromochloromethane	ND		1.0	0.17	ug/L			12/14/15 13:01	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.47	ug/L			12/14/15 13:01	1
1,2-Dibromoethane	ND		1.0	0.18	ug/L			12/14/15 13:01	1
Dibromomethane	ND		1.0	0.17	ug/L			12/14/15 13:01	1
1,3-Dichlorobenzene	ND		1.0	0.13	ug/L			12/14/15 13:01	1

TestAmerica Sacramento

Client Sample Results

Client: Environmental Resource Group, Inc.
 Project/Site: Bentley Mall, Fairbanks - Soil Vapor & G

TestAmerica Job ID: 320-16330-1

Client Sample ID: FAIR-5

Lab Sample ID: 320-16330-13

Date Collected: 12/01/15 11:05

Matrix: Water

Date Received: 12/05/15 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND		1.0	0.15	ug/L			12/14/15 13:01	1
1,4-Dichlorobenzene	ND		1.0	0.16	ug/L			12/14/15 13:01	1
1,1-Dichloroethane	ND		1.0	0.22	ug/L			12/14/15 13:01	1
1,2-Dichloroethane	ND		1.0	0.13	ug/L			12/14/15 13:01	1
1,1-Dichloroethene	ND		1.0	0.23	ug/L			12/14/15 13:01	1
1,2-Dichloropropane	ND		1.0	0.18	ug/L			12/14/15 13:01	1
2,2-Dichloropropane	ND		1.0	0.18	ug/L			12/14/15 13:01	1
1,3-Dichloropropane	ND		1.0	0.22	ug/L			12/14/15 13:01	1
1,1-Dichloropropene	ND		1.0	0.19	ug/L			12/14/15 13:01	1
Ethylbenzene	ND		1.0	0.16	ug/L			12/14/15 13:01	1
Freon 12	ND		2.0	0.31	ug/L			12/14/15 13:01	1
Freon-113	ND		3.0	0.42	ug/L			12/14/15 13:01	1
Hexachlorobutadiene	ND		1.0	0.36	ug/L			12/14/15 13:01	1
Hexane	ND		2.0	0.42	ug/L			12/14/15 13:01	1
2-Hexanone	ND		5.0	1.7	ug/L			12/14/15 13:01	1
Isopropylbenzene	ND		1.0	0.19	ug/L			12/14/15 13:01	1
Methylene Chloride	ND		2.0	0.32	ug/L			12/14/15 13:01	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	0.98	ug/L			12/14/15 13:01	1
Methyl tert-butyl ether	ND		5.0	0.25	ug/L			12/14/15 13:01	1
m-Xylene & p-Xylene	0.34	J	2.0	0.34	ug/L			12/14/15 13:01	1
Naphthalene	ND		1.0	0.22	ug/L			12/14/15 13:01	1
n-Butylbenzene	ND		1.0	0.32	ug/L			12/14/15 13:01	1
o-Xylene	ND		1.0	0.19	ug/L			12/14/15 13:01	1
p-Isopropyltoluene	ND		1.0	0.20	ug/L			12/14/15 13:01	1
Propylbenzene	ND		1.0	0.16	ug/L			12/14/15 13:01	1
sec-Butylbenzene	ND		1.0	0.17	ug/L			12/14/15 13:01	1
Styrene	ND *		1.0	0.17	ug/L			12/14/15 13:01	1
tert-Butylbenzene	ND		1.0	0.16	ug/L			12/14/15 13:01	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/14/15 13:01	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/14/15 13:01	1
Tetrachloroethene	ND		1.0	0.20	ug/L			12/14/15 13:01	1
Toluene	ND		1.0	0.17	ug/L			12/14/15 13:01	1
1,2-Trans-dichloroethene	ND		1.0	0.15	ug/L			12/14/15 13:01	1
trans-1,3-Dichloropropene	ND		3.0	0.19	ug/L			12/14/15 13:01	1
1,2,4-Trichlorobenzene	ND		1.0	0.21	ug/L			12/14/15 13:01	1
1,2,3-Trichlorobenzene	ND		1.0	0.21	ug/L			12/14/15 13:01	1
1,1,1-Trichloroethane	ND		1.0	0.16	ug/L			12/14/15 13:01	1
1,1,2-Trichloroethane	ND		1.0	0.27	ug/L			12/14/15 13:01	1
Trichloroethene	ND		1.0	0.16	ug/L			12/14/15 13:01	1
Trichlorofluoromethane	ND		2.0	0.29	ug/L			12/14/15 13:01	1
1,2,3-Trichloropropane	ND		2.5	0.33	ug/L			12/14/15 13:01	1
1,2,4-Trimethylbenzene	0.30	J	1.0	0.15	ug/L			12/14/15 13:01	1
1,3,5-Trimethylbenzene	0.42	J	1.0	0.16	ug/L			12/14/15 13:01	1
Vinyl acetate	ND		3.0	0.94	ug/L			12/14/15 13:01	1
Vinyl chloride	ND		1.0	0.10	ug/L			12/14/15 13:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		78 - 120		12/14/15 13:01	1
Dibromofluoromethane (Surr)	97		77 - 120		12/14/15 13:01	1
1,2-Dichloroethane-d4 (Surr)	100		70 - 127		12/14/15 13:01	1

TestAmerica Sacramento

Client Sample Results

Client: Environmental Resource Group, Inc.
 Project/Site: Bentley Mall, Fairbanks - Soil Vapor & G

TestAmerica Job ID: 320-16330-1

Client Sample ID: FAIR-5

Date Collected: 12/01/15 11:05

Date Received: 12/05/15 09:45

Lab Sample ID: 320-16330-13

Matrix: Water

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	97		80 - 125		12/14/15 13:01	1

Client Sample ID: NC-MW-5

Date Collected: 12/01/15 12:13

Date Received: 12/05/15 09:45

Lab Sample ID: 320-16330-14

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	6.3	J	10	1.9	ug/L			12/14/15 13:22	1
Benzene	ND		1.0	0.16	ug/L			12/14/15 13:22	1
Bromobenzene	ND		1.0	0.17	ug/L			12/14/15 13:22	1
Bromochloromethane	ND		1.0	0.10	ug/L			12/14/15 13:22	1
Bromodichloromethane	ND		1.0	0.17	ug/L			12/14/15 13:22	1
Bromoform	ND		1.0	0.19	ug/L			12/14/15 13:22	1
Bromomethane	ND		2.0	0.21	ug/L			12/14/15 13:22	1
2-Butanone (MEK)	ND		6.0	2.0	ug/L			12/14/15 13:22	1
Carbon disulfide	ND		2.0	0.45	ug/L			12/14/15 13:22	1
Carbon tetrachloride	ND		1.0	0.19	ug/L			12/14/15 13:22	1
Chlorobenzene	ND		1.0	0.17	ug/L			12/14/15 13:22	1
Chloroethane	ND		2.0	0.41	ug/L			12/14/15 13:22	1
Chloroform	0.47	J	1.0	0.16	ug/L			12/14/15 13:22	1
Chloromethane	ND		2.0	0.30	ug/L			12/14/15 13:22	1
2-Chlorotoluene	ND		1.0	0.17	ug/L			12/14/15 13:22	1
4-Chlorotoluene	ND		1.0	0.21	ug/L			12/14/15 13:22	1
cis-1,2-Dichloroethene	ND		1.0	0.15	ug/L			12/14/15 13:22	1
cis-1,3-Dichloropropene	ND		1.0	0.16	ug/L			12/14/15 13:22	1
Dibromochloromethane	ND		1.0	0.17	ug/L			12/14/15 13:22	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.47	ug/L			12/14/15 13:22	1
1,2-Dibromoethane	ND		1.0	0.18	ug/L			12/14/15 13:22	1
Dibromomethane	ND		1.0	0.17	ug/L			12/14/15 13:22	1
1,3-Dichlorobenzene	ND		1.0	0.13	ug/L			12/14/15 13:22	1
1,2-Dichlorobenzene	ND		1.0	0.15	ug/L			12/14/15 13:22	1
1,4-Dichlorobenzene	ND		1.0	0.16	ug/L			12/14/15 13:22	1
1,1-Dichloroethane	ND		1.0	0.22	ug/L			12/14/15 13:22	1
1,2-Dichloroethane	ND		1.0	0.13	ug/L			12/14/15 13:22	1
1,1-Dichloroethene	0.27	J	1.0	0.23	ug/L			12/14/15 13:22	1
1,2-Dichloropropane	ND		1.0	0.18	ug/L			12/14/15 13:22	1
2,2-Dichloropropane	ND		1.0	0.18	ug/L			12/14/15 13:22	1
1,3-Dichloropropane	ND		1.0	0.22	ug/L			12/14/15 13:22	1
1,1-Dichloropropene	ND		1.0	0.19	ug/L			12/14/15 13:22	1
Ethylbenzene	ND		1.0	0.16	ug/L			12/14/15 13:22	1
Freon 12	ND		2.0	0.31	ug/L			12/14/15 13:22	1
Freon-113	ND		3.0	0.42	ug/L			12/14/15 13:22	1
Hexachlorobutadiene	ND		1.0	0.36	ug/L			12/14/15 13:22	1
Hexane	ND		2.0	0.42	ug/L			12/14/15 13:22	1
2-Hexanone	ND		5.0	1.7	ug/L			12/14/15 13:22	1
Isopropylbenzene	ND		1.0	0.19	ug/L			12/14/15 13:22	1
Methylene Chloride	ND		2.0	0.32	ug/L			12/14/15 13:22	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	0.98	ug/L			12/14/15 13:22	1

TestAmerica Sacramento

Client Sample Results

Client: Environmental Resource Group, Inc.
 Project/Site: Bentley Mall, Fairbanks - Soil Vapor & G

TestAmerica Job ID: 320-16330-1

Client Sample ID: NC-MW-5

Lab Sample ID: 320-16330-14

Date Collected: 12/01/15 12:13

Matrix: Water

Date Received: 12/05/15 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		5.0	0.25	ug/L			12/14/15 13:22	1
m-Xylene & p-Xylene	ND		2.0	0.34	ug/L			12/14/15 13:22	1
Naphthalene	0.51	J	1.0	0.22	ug/L			12/14/15 13:22	1
n-Butylbenzene	ND		1.0	0.32	ug/L			12/14/15 13:22	1
o-Xylene	ND		1.0	0.19	ug/L			12/14/15 13:22	1
p-Isopropyltoluene	ND		1.0	0.20	ug/L			12/14/15 13:22	1
Propylbenzene	ND		1.0	0.16	ug/L			12/14/15 13:22	1
sec-Butylbenzene	ND		1.0	0.17	ug/L			12/14/15 13:22	1
Styrene	ND *		1.0	0.17	ug/L			12/14/15 13:22	1
tert-Butylbenzene	ND		1.0	0.16	ug/L			12/14/15 13:22	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/14/15 13:22	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/14/15 13:22	1
Tetrachloroethene	ND		1.0	0.20	ug/L			12/14/15 13:22	1
Toluene	ND		1.0	0.17	ug/L			12/14/15 13:22	1
1,2-Trans-dichloroethene	ND		1.0	0.15	ug/L			12/14/15 13:22	1
trans-1,3-Dichloropropene	ND		3.0	0.19	ug/L			12/14/15 13:22	1
1,2,4-Trichlorobenzene	ND		1.0	0.21	ug/L			12/14/15 13:22	1
1,2,3-Trichlorobenzene	ND		1.0	0.21	ug/L			12/14/15 13:22	1
1,1,1-Trichloroethane	ND		1.0	0.16	ug/L			12/14/15 13:22	1
1,1,2-Trichloroethane	ND		1.0	0.27	ug/L			12/14/15 13:22	1
Trichloroethene	ND		1.0	0.16	ug/L			12/14/15 13:22	1
Trichlorofluoromethane	36		2.0	0.29	ug/L			12/14/15 13:22	1
1,2,3-Trichloropropane	ND		2.5	0.33	ug/L			12/14/15 13:22	1
1,2,4-Trimethylbenzene	ND		1.0	0.15	ug/L			12/14/15 13:22	1
1,3,5-Trimethylbenzene	ND		1.0	0.16	ug/L			12/14/15 13:22	1
Vinyl acetate	ND		3.0	0.94	ug/L			12/14/15 13:22	1
Vinyl chloride	ND		1.0	0.10	ug/L			12/14/15 13:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		78 - 120		12/14/15 13:22	1
Dibromofluoromethane (Surr)	98		77 - 120		12/14/15 13:22	1
1,2-Dichloroethane-d4 (Surr)	100		70 - 127		12/14/15 13:22	1
Toluene-d8 (Surr)	95		80 - 125		12/14/15 13:22	1

Client Sample ID: NC-MW-10

Lab Sample ID: 320-16330-15

Date Collected: 12/01/15 12:48

Matrix: Water

Date Received: 12/05/15 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		200	38	ug/L			12/14/15 13:43	1
Benzene	ND		20	3.2	ug/L			12/14/15 13:43	1
Bromobenzene	ND		20	3.4	ug/L			12/14/15 13:43	1
Bromochloromethane	ND		20	2.0	ug/L			12/14/15 13:43	1
Bromodichloromethane	ND		20	3.4	ug/L			12/14/15 13:43	1
Bromoform	ND		20	3.8	ug/L			12/14/15 13:43	1
Bromomethane	ND		40	4.2	ug/L			12/14/15 13:43	1
2-Butanone (MEK)	ND		120	40	ug/L			12/14/15 13:43	1
Carbon disulfide	ND		40	9.0	ug/L			12/14/15 13:43	1
Carbon tetrachloride	ND		20	3.8	ug/L			12/14/15 13:43	1

TestAmerica Sacramento

Client Sample Results

Client: Environmental Resource Group, Inc.
 Project/Site: Bentley Mall, Fairbanks - Soil Vapor & G

TestAmerica Job ID: 320-16330-1

Client Sample ID: NC-MW-10

Lab Sample ID: 320-16330-15

Date Collected: 12/01/15 12:48

Matrix: Water

Date Received: 12/05/15 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		20	3.4	ug/L			12/14/15 13:43	1
Chloroethane	ND		40	8.2	ug/L			12/14/15 13:43	1
Chloroform	ND		20	3.2	ug/L			12/14/15 13:43	1
Chloromethane	ND		40	6.0	ug/L			12/14/15 13:43	1
2-Chlorotoluene	ND		20	3.4	ug/L			12/14/15 13:43	1
4-Chlorotoluene	ND		20	4.2	ug/L			12/14/15 13:43	1
cis-1,2-Dichloroethene	530		20	3.0	ug/L			12/14/15 13:43	1
cis-1,3-Dichloropropene	ND		20	3.2	ug/L			12/14/15 13:43	1
Dibromochloromethane	ND		20	3.4	ug/L			12/14/15 13:43	1
1,2-Dibromo-3-Chloropropane	ND		100	9.4	ug/L			12/14/15 13:43	1
1,2-Dibromoethane	ND		20	3.6	ug/L			12/14/15 13:43	1
Dibromomethane	ND		20	3.4	ug/L			12/14/15 13:43	1
1,3-Dichlorobenzene	ND		20	2.6	ug/L			12/14/15 13:43	1
1,2-Dichlorobenzene	ND		20	3.0	ug/L			12/14/15 13:43	1
1,4-Dichlorobenzene	ND		20	3.2	ug/L			12/14/15 13:43	1
1,1-Dichloroethane	ND		20	4.4	ug/L			12/14/15 13:43	1
1,2-Dichloroethane	ND		20	2.6	ug/L			12/14/15 13:43	1
1,1-Dichloroethene	ND		20	4.6	ug/L			12/14/15 13:43	1
1,2-Dichloropropane	ND		20	3.6	ug/L			12/14/15 13:43	1
2,2-Dichloropropane	ND		20	3.6	ug/L			12/14/15 13:43	1
1,3-Dichloropropane	ND		20	4.4	ug/L			12/14/15 13:43	1
1,1-Dichloropropene	ND		20	3.8	ug/L			12/14/15 13:43	1
Ethylbenzene	ND		20	3.2	ug/L			12/14/15 13:43	1
Freon 12	ND		40	6.2	ug/L			12/14/15 13:43	1
Freon-113	ND		60	8.4	ug/L			12/14/15 13:43	1
Hexachlorobutadiene	ND		20	7.2	ug/L			12/14/15 13:43	1
Hexane	ND		40	8.4	ug/L			12/14/15 13:43	1
2-Hexanone	ND		100	34	ug/L			12/14/15 13:43	1
Isopropylbenzene	ND		20	3.8	ug/L			12/14/15 13:43	1
Methylene Chloride	8.5 J		40	6.4	ug/L			12/14/15 13:43	1
4-Methyl-2-pentanone (MIBK)	ND		100	20	ug/L			12/14/15 13:43	1
Methyl tert-butyl ether	ND		100	5.0	ug/L			12/14/15 13:43	1
m-Xylene & p-Xylene	ND		40	6.8	ug/L			12/14/15 13:43	1
Naphthalene	ND		20	4.4	ug/L			12/14/15 13:43	1
n-Butylbenzene	ND		20	6.4	ug/L			12/14/15 13:43	1
o-Xylene	ND		20	3.8	ug/L			12/14/15 13:43	1
p-Isopropyltoluene	ND		20	4.0	ug/L			12/14/15 13:43	1
Propylbenzene	ND		20	3.2	ug/L			12/14/15 13:43	1
sec-Butylbenzene	ND		20	3.4	ug/L			12/14/15 13:43	1
Styrene	ND *		20	3.4	ug/L			12/14/15 13:43	1
tert-Butylbenzene	ND		20	3.2	ug/L			12/14/15 13:43	1
1,1,2,2-Tetrachloroethane	ND		20	4.2	ug/L			12/14/15 13:43	1
1,1,1,2-Tetrachloroethane	ND		20	4.2	ug/L			12/14/15 13:43	1
Tetrachloroethene	ND		20	4.0	ug/L			12/14/15 13:43	1
Toluene	ND		20	3.4	ug/L			12/14/15 13:43	1
1,2-Trans-dichloroethene	ND		20	3.0	ug/L			12/14/15 13:43	1
trans-1,3-Dichloropropene	ND		60	3.8	ug/L			12/14/15 13:43	1
1,2,4-Trichlorobenzene	ND		20	4.2	ug/L			12/14/15 13:43	1
1,2,3-Trichlorobenzene	ND		20	4.2	ug/L			12/14/15 13:43	1

TestAmerica Sacramento

Client Sample Results

Client: Environmental Resource Group, Inc.
 Project/Site: Bentley Mall, Fairbanks - Soil Vapor & G

TestAmerica Job ID: 320-16330-1

Client Sample ID: NC-MW-10

Lab Sample ID: 320-16330-15

Date Collected: 12/01/15 12:48

Matrix: Water

Date Received: 12/05/15 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		20	3.2	ug/L			12/14/15 13:43	1
1,1,2-Trichloroethane	ND		20	5.4	ug/L			12/14/15 13:43	1
Trichloroethene	ND		20	3.2	ug/L			12/14/15 13:43	1
Trichlorofluoromethane	ND		40	5.8	ug/L			12/14/15 13:43	1
1,2,3-Trichloropropane	ND		50	6.6	ug/L			12/14/15 13:43	1
1,2,4-Trimethylbenzene	ND		20	3.0	ug/L			12/14/15 13:43	1
1,3,5-Trimethylbenzene	3.5	J	20	3.2	ug/L			12/14/15 13:43	1
Vinyl acetate	ND		60	19	ug/L			12/14/15 13:43	1
Vinyl chloride	ND		20	2.0	ug/L			12/14/15 13:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		78 - 120					12/14/15 13:43	1
Dibromofluoromethane (Surr)	99		77 - 120					12/14/15 13:43	1
1,2-Dichloroethane-d4 (Surr)	103		70 - 127					12/14/15 13:43	1
Toluene-d8 (Surr)	96		80 - 125					12/14/15 13:43	1

Client Sample ID: NC-MW-11

Lab Sample ID: 320-16330-16

Date Collected: 12/01/15 13:21

Matrix: Water

Date Received: 12/05/15 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	1.9	ug/L			12/14/15 14:04	1
Benzene	ND		1.0	0.16	ug/L			12/14/15 14:04	1
Bromobenzene	ND		1.0	0.17	ug/L			12/14/15 14:04	1
Bromochloromethane	ND		1.0	0.10	ug/L			12/14/15 14:04	1
Bromodichloromethane	ND		1.0	0.17	ug/L			12/14/15 14:04	1
Bromoform	ND		1.0	0.19	ug/L			12/14/15 14:04	1
Bromomethane	ND		2.0	0.21	ug/L			12/14/15 14:04	1
2-Butanone (MEK)	ND		6.0	2.0	ug/L			12/14/15 14:04	1
Carbon disulfide	ND		2.0	0.45	ug/L			12/14/15 14:04	1
Carbon tetrachloride	ND		1.0	0.19	ug/L			12/14/15 14:04	1
Chlorobenzene	ND		1.0	0.17	ug/L			12/14/15 14:04	1
Chloroethane	ND		2.0	0.41	ug/L			12/14/15 14:04	1
Chloroform	ND		1.0	0.16	ug/L			12/14/15 14:04	1
Chloromethane	ND		2.0	0.30	ug/L			12/14/15 14:04	1
2-Chlorotoluene	ND		1.0	0.17	ug/L			12/14/15 14:04	1
4-Chlorotoluene	ND		1.0	0.21	ug/L			12/14/15 14:04	1
cis-1,2-Dichloroethene	ND		1.0	0.15	ug/L			12/14/15 14:04	1
cis-1,3-Dichloropropene	ND		1.0	0.16	ug/L			12/14/15 14:04	1
Dibromochloromethane	ND		1.0	0.17	ug/L			12/14/15 14:04	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.47	ug/L			12/14/15 14:04	1
1,2-Dibromoethane	ND		1.0	0.18	ug/L			12/14/15 14:04	1
Dibromomethane	ND		1.0	0.17	ug/L			12/14/15 14:04	1
1,3-Dichlorobenzene	ND		1.0	0.13	ug/L			12/14/15 14:04	1
1,2-Dichlorobenzene	ND		1.0	0.15	ug/L			12/14/15 14:04	1
1,4-Dichlorobenzene	ND		1.0	0.16	ug/L			12/14/15 14:04	1
1,1-Dichloroethane	ND		1.0	0.22	ug/L			12/14/15 14:04	1
1,2-Dichloroethane	ND		1.0	0.13	ug/L			12/14/15 14:04	1
1,1-Dichloroethene	ND		1.0	0.23	ug/L			12/14/15 14:04	1

TestAmerica Sacramento

Client Sample Results

Client: Environmental Resource Group, Inc.
 Project/Site: Bentley Mall, Fairbanks - Soil Vapor & G

TestAmerica Job ID: 320-16330-1

Client Sample ID: NC-MW-11

Lab Sample ID: 320-16330-16

Date Collected: 12/01/15 13:21

Matrix: Water

Date Received: 12/05/15 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	ND		1.0	0.18	ug/L			12/14/15 14:04	1
2,2-Dichloropropane	ND		1.0	0.18	ug/L			12/14/15 14:04	1
1,3-Dichloropropane	ND		1.0	0.22	ug/L			12/14/15 14:04	1
1,1-Dichloropropene	ND		1.0	0.19	ug/L			12/14/15 14:04	1
Ethylbenzene	ND		1.0	0.16	ug/L			12/14/15 14:04	1
Freon 12	ND		2.0	0.31	ug/L			12/14/15 14:04	1
Freon-113	ND		3.0	0.42	ug/L			12/14/15 14:04	1
Hexachlorobutadiene	ND		1.0	0.36	ug/L			12/14/15 14:04	1
Hexane	ND		2.0	0.42	ug/L			12/14/15 14:04	1
2-Hexanone	ND		5.0	1.7	ug/L			12/14/15 14:04	1
Isopropylbenzene	ND		1.0	0.19	ug/L			12/14/15 14:04	1
Methylene Chloride	ND		2.0	0.32	ug/L			12/14/15 14:04	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	0.98	ug/L			12/14/15 14:04	1
Methyl tert-butyl ether	ND		5.0	0.25	ug/L			12/14/15 14:04	1
m-Xylene & p-Xylene	ND		2.0	0.34	ug/L			12/14/15 14:04	1
Naphthalene	ND		1.0	0.22	ug/L			12/14/15 14:04	1
n-Butylbenzene	ND		1.0	0.32	ug/L			12/14/15 14:04	1
o-Xylene	ND		1.0	0.19	ug/L			12/14/15 14:04	1
p-Isopropyltoluene	ND		1.0	0.20	ug/L			12/14/15 14:04	1
Propylbenzene	ND		1.0	0.16	ug/L			12/14/15 14:04	1
sec-Butylbenzene	ND		1.0	0.17	ug/L			12/14/15 14:04	1
Styrene	ND *		1.0	0.17	ug/L			12/14/15 14:04	1
tert-Butylbenzene	ND		1.0	0.16	ug/L			12/14/15 14:04	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/14/15 14:04	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/14/15 14:04	1
Tetrachloroethene	ND		1.0	0.20	ug/L			12/14/15 14:04	1
Toluene	ND		1.0	0.17	ug/L			12/14/15 14:04	1
1,2-Trans-dichloroethene	ND		1.0	0.15	ug/L			12/14/15 14:04	1
trans-1,3-Dichloropropene	ND		3.0	0.19	ug/L			12/14/15 14:04	1
1,2,4-Trichlorobenzene	ND		1.0	0.21	ug/L			12/14/15 14:04	1
1,2,3-Trichlorobenzene	ND		1.0	0.21	ug/L			12/14/15 14:04	1
1,1,1-Trichloroethane	ND		1.0	0.16	ug/L			12/14/15 14:04	1
1,1,2-Trichloroethane	ND		1.0	0.27	ug/L			12/14/15 14:04	1
Trichloroethene	ND		1.0	0.16	ug/L			12/14/15 14:04	1
Trichlorofluoromethane	ND		2.0	0.29	ug/L			12/14/15 14:04	1
1,2,3-Trichloropropane	ND		2.5	0.33	ug/L			12/14/15 14:04	1
1,2,4-Trimethylbenzene	ND		1.0	0.15	ug/L			12/14/15 14:04	1
1,3,5-Trimethylbenzene	ND		1.0	0.16	ug/L			12/14/15 14:04	1
Vinyl acetate	ND		3.0	0.94	ug/L			12/14/15 14:04	1
Vinyl chloride	ND		1.0	0.10	ug/L			12/14/15 14:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		78 - 120		12/14/15 14:04	1
Dibromofluoromethane (Surr)	100		77 - 120		12/14/15 14:04	1
1,2-Dichloroethane-d4 (Surr)	101		70 - 127		12/14/15 14:04	1
Toluene-d8 (Surr)	96		80 - 125		12/14/15 14:04	1

TestAmerica Sacramento

Client Sample Results

Client: Environmental Resource Group, Inc.
 Project/Site: Bentley Mall, Fairbanks - Soil Vapor & G

TestAmerica Job ID: 320-16330-1

Client Sample ID: BM-MW-1

Lab Sample ID: 320-16330-17

Date Collected: 12/03/15 09:16

Matrix: Water

Date Received: 12/05/15 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		100	19	ug/L			12/17/15 14:09	1
Benzene	ND		10	1.6	ug/L			12/17/15 14:09	1
Bromobenzene	ND		10	1.7	ug/L			12/17/15 14:09	1
Bromochloromethane	ND		10	1.0	ug/L			12/17/15 14:09	1
Bromodichloromethane	ND		10	1.7	ug/L			12/17/15 14:09	1
Bromoform	ND		10	1.9	ug/L			12/17/15 14:09	1
Bromomethane	ND		20	2.1	ug/L			12/17/15 14:09	1
2-Butanone (MEK)	ND		60	20	ug/L			12/17/15 14:09	1
Carbon disulfide	ND		20	4.5	ug/L			12/17/15 14:09	1
Carbon tetrachloride	ND		10	1.9	ug/L			12/17/15 14:09	1
Chlorobenzene	ND		10	1.7	ug/L			12/17/15 14:09	1
Chloroethane	ND		20	4.1	ug/L			12/17/15 14:09	1
Chloroform	10		10	1.6	ug/L			12/17/15 14:09	1
Chloromethane	ND		20	3.0	ug/L			12/17/15 14:09	1
2-Chlorotoluene	ND		10	1.7	ug/L			12/17/15 14:09	1
4-Chlorotoluene	ND		10	2.1	ug/L			12/17/15 14:09	1
cis-1,2-Dichloroethene	ND		10	1.5	ug/L			12/17/15 14:09	1
cis-1,3-Dichloropropene	ND		10	1.6	ug/L			12/17/15 14:09	1
Dibromochloromethane	ND		10	1.7	ug/L			12/17/15 14:09	1
1,2-Dibromo-3-Chloropropane	ND		50	4.7	ug/L			12/17/15 14:09	1
1,2-Dibromoethane	ND		10	1.8	ug/L			12/17/15 14:09	1
Dibromomethane	ND		10	1.7	ug/L			12/17/15 14:09	1
1,3-Dichlorobenzene	ND		10	1.3	ug/L			12/17/15 14:09	1
1,2-Dichlorobenzene	ND		10	1.5	ug/L			12/17/15 14:09	1
1,4-Dichlorobenzene	ND		10	1.6	ug/L			12/17/15 14:09	1
1,1-Dichloroethane	ND		10	2.2	ug/L			12/17/15 14:09	1
1,2-Dichloroethane	ND		10	1.3	ug/L			12/17/15 14:09	1
1,1-Dichloroethene	ND		10	2.3	ug/L			12/17/15 14:09	1
1,2-Dichloropropane	ND		10	1.8	ug/L			12/17/15 14:09	1
2,2-Dichloropropane	ND		10	1.8	ug/L			12/17/15 14:09	1
1,3-Dichloropropane	ND		10	2.2	ug/L			12/17/15 14:09	1
1,1-Dichloropropene	ND		10	1.9	ug/L			12/17/15 14:09	1
Ethylbenzene	ND		10	1.6	ug/L			12/17/15 14:09	1
Freon 12	ND		20	3.1	ug/L			12/17/15 14:09	1
Freon-113	ND		30	4.2	ug/L			12/17/15 14:09	1
Hexachlorobutadiene	ND		10	3.6	ug/L			12/17/15 14:09	1
Hexane	ND		20	4.2	ug/L			12/17/15 14:09	1
2-Hexanone	ND		50	17	ug/L			12/17/15 14:09	1
Isopropylbenzene	ND		10	1.9	ug/L			12/17/15 14:09	1
Methylene Chloride	ND		20	3.2	ug/L			12/17/15 14:09	1
4-Methyl-2-pentanone (MIBK)	ND		50	9.8	ug/L			12/17/15 14:09	1
Methyl tert-butyl ether	ND		50	2.5	ug/L			12/17/15 14:09	1
m-Xylene & p-Xylene	ND		20	3.4	ug/L			12/17/15 14:09	1
Naphthalene	ND		10	2.2	ug/L			12/17/15 14:09	1
n-Butylbenzene	ND		10	3.2	ug/L			12/17/15 14:09	1
o-Xylene	ND		10	1.9	ug/L			12/17/15 14:09	1
p-Isopropyltoluene	ND		10	2.0	ug/L			12/17/15 14:09	1
Propylbenzene	ND		10	1.6	ug/L			12/17/15 14:09	1
sec-Butylbenzene	ND		10	1.7	ug/L			12/17/15 14:09	1

TestAmerica Sacramento

Client Sample Results

Client: Environmental Resource Group, Inc.
 Project/Site: Bentley Mall, Fairbanks - Soil Vapor & G

TestAmerica Job ID: 320-16330-1

Client Sample ID: BM-MW-1

Lab Sample ID: 320-16330-17

Date Collected: 12/03/15 09:16

Matrix: Water

Date Received: 12/05/15 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		10	1.7	ug/L			12/17/15 14:09	1
tert-Butylbenzene	ND		10	1.6	ug/L			12/17/15 14:09	1
1,1,2,2-Tetrachloroethane	ND		10	2.1	ug/L			12/17/15 14:09	1
1,1,1,2-Tetrachloroethane	ND		10	2.1	ug/L			12/17/15 14:09	1
Tetrachloroethene	240		10	2.0	ug/L			12/17/15 14:09	1
Toluene	ND		10	1.7	ug/L			12/17/15 14:09	1
1,2-Trans-dichloroethene	ND		10	1.5	ug/L			12/17/15 14:09	1
trans-1,3-Dichloropropene	ND		30	1.9	ug/L			12/17/15 14:09	1
1,2,4-Trichlorobenzene	ND		10	2.1	ug/L			12/17/15 14:09	1
1,2,3-Trichlorobenzene	ND		10	2.1	ug/L			12/17/15 14:09	1
1,1,1-Trichloroethane	ND		10	1.6	ug/L			12/17/15 14:09	1
1,1,2-Trichloroethane	ND		10	2.7	ug/L			12/17/15 14:09	1
Trichloroethene	ND		10	1.6	ug/L			12/17/15 14:09	1
Trichlorofluoromethane	30		20	2.9	ug/L			12/17/15 14:09	1
1,2,3-Trichloropropane	ND		25	3.3	ug/L			12/17/15 14:09	1
1,2,4-Trimethylbenzene	ND		10	1.5	ug/L			12/17/15 14:09	1
1,3,5-Trimethylbenzene	ND		10	1.6	ug/L			12/17/15 14:09	1
Vinyl acetate	ND		30	9.4	ug/L			12/17/15 14:09	1
Vinyl chloride	ND		10	1.0	ug/L			12/17/15 14:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		78 - 120		12/17/15 14:09	1
Dibromofluoromethane (Surr)	101		77 - 120		12/17/15 14:09	1
1,2-Dichloroethane-d4 (Surr)	98		70 - 127		12/17/15 14:09	1
Toluene-d8 (Surr)	100		80 - 125		12/17/15 14:09	1

Client Sample ID: BM-MW-8

Lab Sample ID: 320-16330-18

Date Collected: 12/03/15 15:28

Matrix: Water

Date Received: 12/05/15 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	1.9	ug/L			12/16/15 04:30	1
Benzene	ND		1.0	0.16	ug/L			12/16/15 04:30	1
Bromobenzene	ND		1.0	0.17	ug/L			12/16/15 04:30	1
Bromochloromethane	ND		1.0	0.10	ug/L			12/16/15 04:30	1
Bromodichloromethane	ND		1.0	0.17	ug/L			12/16/15 04:30	1
Bromoform	ND		1.0	0.19	ug/L			12/16/15 04:30	1
Bromomethane	ND		2.0	0.21	ug/L			12/16/15 04:30	1
2-Butanone (MEK)	ND		6.0	2.0	ug/L			12/16/15 04:30	1
Carbon disulfide	ND		2.0	0.45	ug/L			12/16/15 04:30	1
Carbon tetrachloride	ND		1.0	0.19	ug/L			12/16/15 04:30	1
Chlorobenzene	ND		1.0	0.17	ug/L			12/16/15 04:30	1
Chloroethane	ND		2.0	0.41	ug/L			12/16/15 04:30	1
Chloroform	0.50	J	1.0	0.16	ug/L			12/16/15 04:30	1
Chloromethane	ND		2.0	0.30	ug/L			12/16/15 04:30	1
2-Chlorotoluene	ND		1.0	0.17	ug/L			12/16/15 04:30	1
4-Chlorotoluene	ND		1.0	0.21	ug/L			12/16/15 04:30	1
cis-1,2-Dichloroethene	1.1		1.0	0.15	ug/L			12/16/15 04:30	1
cis-1,3-Dichloropropene	ND		1.0	0.16	ug/L			12/16/15 04:30	1

TestAmerica Sacramento

Client Sample Results

Client: Environmental Resource Group, Inc.
 Project/Site: Bentley Mall, Fairbanks - Soil Vapor & G

TestAmerica Job ID: 320-16330-1

Client Sample ID: BM-MW-8

Lab Sample ID: 320-16330-18

Date Collected: 12/03/15 15:28

Matrix: Water

Date Received: 12/05/15 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromochloromethane	ND		1.0	0.17	ug/L			12/16/15 04:30	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.47	ug/L			12/16/15 04:30	1
1,2-Dibromoethane	ND		1.0	0.18	ug/L			12/16/15 04:30	1
Dibromomethane	ND		1.0	0.17	ug/L			12/16/15 04:30	1
1,3-Dichlorobenzene	ND		1.0	0.13	ug/L			12/16/15 04:30	1
1,2-Dichlorobenzene	ND		1.0	0.15	ug/L			12/16/15 04:30	1
1,4-Dichlorobenzene	ND		1.0	0.16	ug/L			12/16/15 04:30	1
1,1-Dichloroethane	ND		1.0	0.22	ug/L			12/16/15 04:30	1
1,2-Dichloroethane	ND		1.0	0.13	ug/L			12/16/15 04:30	1
1,1-Dichloroethene	ND		1.0	0.23	ug/L			12/16/15 04:30	1
1,2-Dichloropropane	ND		1.0	0.18	ug/L			12/16/15 04:30	1
2,2-Dichloropropane	ND		1.0	0.18	ug/L			12/16/15 04:30	1
1,3-Dichloropropane	ND		1.0	0.22	ug/L			12/16/15 04:30	1
1,1-Dichloropropene	ND		1.0	0.19	ug/L			12/16/15 04:30	1
Ethylbenzene	ND		1.0	0.16	ug/L			12/16/15 04:30	1
Freon 12	ND		2.0	0.31	ug/L			12/16/15 04:30	1
Freon-113	ND		3.0	0.42	ug/L			12/16/15 04:30	1
Hexachlorobutadiene	ND		1.0	0.36	ug/L			12/16/15 04:30	1
Hexane	ND		2.0	0.42	ug/L			12/16/15 04:30	1
2-Hexanone	ND		5.0	1.7	ug/L			12/16/15 04:30	1
Isopropylbenzene	ND		1.0	0.19	ug/L			12/16/15 04:30	1
Methylene Chloride	ND		2.0	0.32	ug/L			12/16/15 04:30	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	0.98	ug/L			12/16/15 04:30	1
Methyl tert-butyl ether	ND		5.0	0.25	ug/L			12/16/15 04:30	1
m-Xylene & p-Xylene	ND		2.0	0.34	ug/L			12/16/15 04:30	1
Naphthalene	ND		1.0	0.22	ug/L			12/16/15 04:30	1
n-Butylbenzene	ND		1.0	0.32	ug/L			12/16/15 04:30	1
o-Xylene	ND		1.0	0.19	ug/L			12/16/15 04:30	1
p-Isopropyltoluene	ND		1.0	0.20	ug/L			12/16/15 04:30	1
Propylbenzene	ND		1.0	0.16	ug/L			12/16/15 04:30	1
sec-Butylbenzene	ND		1.0	0.17	ug/L			12/16/15 04:30	1
Styrene	ND		1.0	0.17	ug/L			12/16/15 04:30	1
tert-Butylbenzene	ND		1.0	0.16	ug/L			12/16/15 04:30	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/16/15 04:30	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/16/15 04:30	1
Tetrachloroethene	2.1		1.0	0.20	ug/L			12/16/15 04:30	1
Toluene	ND		1.0	0.17	ug/L			12/16/15 04:30	1
1,2-Trans-dichloroethene	12		1.0	0.15	ug/L			12/16/15 04:30	1
trans-1,3-Dichloropropene	ND		3.0	0.19	ug/L			12/16/15 04:30	1
1,2,4-Trichlorobenzene	ND		1.0	0.21	ug/L			12/16/15 04:30	1
1,2,3-Trichlorobenzene	ND		1.0	0.21	ug/L			12/16/15 04:30	1
1,1,1-Trichloroethane	ND		1.0	0.16	ug/L			12/16/15 04:30	1
1,1,2-Trichloroethane	ND		1.0	0.27	ug/L			12/16/15 04:30	1
Trichloroethene	0.86 J		1.0	0.16	ug/L			12/16/15 04:30	1
Trichlorofluoromethane	ND		2.0	0.29	ug/L			12/16/15 04:30	1
1,2,3-Trichloropropane	ND		2.5	0.33	ug/L			12/16/15 04:30	1
1,2,4-Trimethylbenzene	ND		1.0	0.15	ug/L			12/16/15 04:30	1
1,3,5-Trimethylbenzene	ND		1.0	0.16	ug/L			12/16/15 04:30	1
Vinyl acetate	ND		3.0	0.94	ug/L			12/16/15 04:30	1

TestAmerica Sacramento

Client Sample Results

Client: Environmental Resource Group, Inc.
Project/Site: Bentley Mall, Fairbanks - Soil Vapor & G

TestAmerica Job ID: 320-16330-1

Client Sample ID: BM-MW-8

Lab Sample ID: 320-16330-18

Date Collected: 12/03/15 15:28

Matrix: Water

Date Received: 12/05/15 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	ND		1.0	0.10	ug/L			12/16/15 04:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		78 - 120					12/16/15 04:30	1
Dibromofluoromethane (Surr)	102		77 - 120					12/16/15 04:30	1
1,2-Dichloroethane-d4 (Surr)	104		70 - 127					12/16/15 04:30	1
Toluene-d8 (Surr)	89		80 - 125					12/16/15 04:30	1

Client Sample ID: DUP1

Lab Sample ID: 320-16330-19

Date Collected: 12/01/15 09:00

Matrix: Water

Date Received: 12/05/15 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	1.9	ug/L			12/14/15 16:29	1
Benzene	6.1		1.0	0.16	ug/L			12/14/15 16:29	1
Bromobenzene	ND		1.0	0.17	ug/L			12/14/15 16:29	1
Bromochloromethane	ND		1.0	0.10	ug/L			12/14/15 16:29	1
Bromodichloromethane	ND		1.0	0.17	ug/L			12/14/15 16:29	1
Bromoform	ND		1.0	0.19	ug/L			12/14/15 16:29	1
Bromomethane	ND		2.0	0.21	ug/L			12/14/15 16:29	1
2-Butanone (MEK)	ND		6.0	2.0	ug/L			12/14/15 16:29	1
Carbon disulfide	ND		2.0	0.45	ug/L			12/14/15 16:29	1
Carbon tetrachloride	ND		1.0	0.19	ug/L			12/14/15 16:29	1
Chlorobenzene	ND		1.0	0.17	ug/L			12/14/15 16:29	1
Chloroethane	ND		2.0	0.41	ug/L			12/14/15 16:29	1
Chloroform	0.20	J	1.0	0.16	ug/L			12/14/15 16:29	1
Chloromethane	0.31	J	2.0	0.30	ug/L			12/14/15 16:29	1
2-Chlorotoluene	ND		1.0	0.17	ug/L			12/14/15 16:29	1
4-Chlorotoluene	ND		1.0	0.21	ug/L			12/14/15 16:29	1
cis-1,2-Dichloroethene	ND		1.0	0.15	ug/L			12/14/15 16:29	1
cis-1,3-Dichloropropene	ND		1.0	0.16	ug/L			12/14/15 16:29	1
Dibromochloromethane	ND		1.0	0.17	ug/L			12/14/15 16:29	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.47	ug/L			12/14/15 16:29	1
1,2-Dibromoethane	ND		1.0	0.18	ug/L			12/14/15 16:29	1
Dibromomethane	ND		1.0	0.17	ug/L			12/14/15 16:29	1
1,3-Dichlorobenzene	ND		1.0	0.13	ug/L			12/14/15 16:29	1
1,2-Dichlorobenzene	ND		1.0	0.15	ug/L			12/14/15 16:29	1
1,4-Dichlorobenzene	ND		1.0	0.16	ug/L			12/14/15 16:29	1
1,1-Dichloroethane	ND		1.0	0.22	ug/L			12/14/15 16:29	1
1,2-Dichloroethane	ND		1.0	0.13	ug/L			12/14/15 16:29	1
1,1-Dichloroethene	0.38	J	1.0	0.23	ug/L			12/14/15 16:29	1
1,2-Dichloropropane	ND		1.0	0.18	ug/L			12/14/15 16:29	1
2,2-Dichloropropane	ND		1.0	0.18	ug/L			12/14/15 16:29	1
1,3-Dichloropropane	ND		1.0	0.22	ug/L			12/14/15 16:29	1
1,1-Dichloropropene	ND		1.0	0.19	ug/L			12/14/15 16:29	1
Ethylbenzene	0.19	J	1.0	0.16	ug/L			12/14/15 16:29	1
Freon 12	ND		2.0	0.31	ug/L			12/14/15 16:29	1
Freon-113	ND		3.0	0.42	ug/L			12/14/15 16:29	1
Hexachlorobutadiene	ND		1.0	0.36	ug/L			12/14/15 16:29	1

TestAmerica Sacramento

Client Sample Results

Client: Environmental Resource Group, Inc.
Project/Site: Bentley Mall, Fairbanks - Soil Vapor & G

TestAmerica Job ID: 320-16330-1

Client Sample ID: DUP1

Lab Sample ID: 320-16330-19

Date Collected: 12/01/15 09:00

Matrix: Water

Date Received: 12/05/15 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexane	ND		2.0	0.42	ug/L			12/14/15 16:29	1
2-Hexanone	ND		5.0	1.7	ug/L			12/14/15 16:29	1
Isopropylbenzene	ND		1.0	0.19	ug/L			12/14/15 16:29	1
Methylene Chloride	ND		2.0	0.32	ug/L			12/14/15 16:29	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	0.98	ug/L			12/14/15 16:29	1
Methyl tert-butyl ether	ND		5.0	0.25	ug/L			12/14/15 16:29	1
m-Xylene & p-Xylene	0.71	J	2.0	0.34	ug/L			12/14/15 16:29	1
Naphthalene	0.58	J	1.0	0.22	ug/L			12/14/15 16:29	1
n-Butylbenzene	0.47	J	1.0	0.32	ug/L			12/14/15 16:29	1
o-Xylene	ND		1.0	0.19	ug/L			12/14/15 16:29	1
p-Isopropyltoluene	ND		1.0	0.20	ug/L			12/14/15 16:29	1
Propylbenzene	0.41	J	1.0	0.16	ug/L			12/14/15 16:29	1
sec-Butylbenzene	0.63	J	1.0	0.17	ug/L			12/14/15 16:29	1
Styrene	ND	*	1.0	0.17	ug/L			12/14/15 16:29	1
tert-Butylbenzene	ND		1.0	0.16	ug/L			12/14/15 16:29	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/14/15 16:29	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/14/15 16:29	1
Tetrachloroethene	0.33	J	1.0	0.20	ug/L			12/14/15 16:29	1
Toluene	0.30	J	1.0	0.17	ug/L			12/14/15 16:29	1
1,2-Trans-dichloroethene	ND		1.0	0.15	ug/L			12/14/15 16:29	1
trans-1,3-Dichloropropene	ND		3.0	0.19	ug/L			12/14/15 16:29	1
1,2,4-Trichlorobenzene	ND		1.0	0.21	ug/L			12/14/15 16:29	1
1,2,3-Trichlorobenzene	ND		1.0	0.21	ug/L			12/14/15 16:29	1
1,1,1-Trichloroethane	ND		1.0	0.16	ug/L			12/14/15 16:29	1
1,1,2-Trichloroethane	ND		1.0	0.27	ug/L			12/14/15 16:29	1
Trichloroethene	ND		1.0	0.16	ug/L			12/14/15 16:29	1
Trichlorofluoromethane	10		2.0	0.29	ug/L			12/14/15 16:29	1
1,2,3-Trichloropropane	ND		2.5	0.33	ug/L			12/14/15 16:29	1
1,2,4-Trimethylbenzene	0.34	J	1.0	0.15	ug/L			12/14/15 16:29	1
1,3,5-Trimethylbenzene	1.3		1.0	0.16	ug/L			12/14/15 16:29	1
Vinyl acetate	ND		3.0	0.94	ug/L			12/14/15 16:29	1
Vinyl chloride	ND		1.0	0.10	ug/L			12/14/15 16:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		78 - 120					12/14/15 16:29	1
Dibromofluoromethane (Surr)	97		77 - 120					12/14/15 16:29	1
1,2-Dichloroethane-d4 (Surr)	102		70 - 127					12/14/15 16:29	1
Toluene-d8 (Surr)	97		80 - 125					12/14/15 16:29	1

Client Sample ID: DUP2

Lab Sample ID: 320-16330-20

Date Collected: 12/02/15 09:00

Matrix: Water

Date Received: 12/05/15 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	1.9	ug/L			12/14/15 16:50	1
Benzene	ND		1.0	0.16	ug/L			12/14/15 16:50	1
Bromobenzene	ND		1.0	0.17	ug/L			12/14/15 16:50	1
Bromochloromethane	ND		1.0	0.10	ug/L			12/14/15 16:50	1
Bromodichloromethane	ND		1.0	0.17	ug/L			12/14/15 16:50	1

TestAmerica Sacramento

Client Sample Results

Client: Environmental Resource Group, Inc.
 Project/Site: Bentley Mall, Fairbanks - Soil Vapor & G

TestAmerica Job ID: 320-16330-1

Client Sample ID: DUP2

Lab Sample ID: 320-16330-20

Date Collected: 12/02/15 09:00

Matrix: Water

Date Received: 12/05/15 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		1.0	0.19	ug/L			12/14/15 16:50	1
Bromomethane	ND		2.0	0.21	ug/L			12/14/15 16:50	1
2-Butanone (MEK)	ND		6.0	2.0	ug/L			12/14/15 16:50	1
Carbon disulfide	ND		2.0	0.45	ug/L			12/14/15 16:50	1
Carbon tetrachloride	ND		1.0	0.19	ug/L			12/14/15 16:50	1
Chlorobenzene	ND		1.0	0.17	ug/L			12/14/15 16:50	1
Chloroethane	ND		2.0	0.41	ug/L			12/14/15 16:50	1
Chloroform	ND		1.0	0.16	ug/L			12/14/15 16:50	1
Chloromethane	0.34	J	2.0	0.30	ug/L			12/14/15 16:50	1
2-Chlorotoluene	ND		1.0	0.17	ug/L			12/14/15 16:50	1
4-Chlorotoluene	ND		1.0	0.21	ug/L			12/14/15 16:50	1
cis-1,2-Dichloroethene	1.0		1.0	0.15	ug/L			12/14/15 16:50	1
cis-1,3-Dichloropropene	ND		1.0	0.16	ug/L			12/14/15 16:50	1
Dibromochloromethane	ND		1.0	0.17	ug/L			12/14/15 16:50	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.47	ug/L			12/14/15 16:50	1
1,2-Dibromoethane	ND		1.0	0.18	ug/L			12/14/15 16:50	1
Dibromomethane	ND		1.0	0.17	ug/L			12/14/15 16:50	1
1,3-Dichlorobenzene	ND		1.0	0.13	ug/L			12/14/15 16:50	1
1,2-Dichlorobenzene	ND		1.0	0.15	ug/L			12/14/15 16:50	1
1,4-Dichlorobenzene	ND		1.0	0.16	ug/L			12/14/15 16:50	1
1,1-Dichloroethane	ND		1.0	0.22	ug/L			12/14/15 16:50	1
1,2-Dichloroethane	ND		1.0	0.13	ug/L			12/14/15 16:50	1
1,1-Dichloroethene	ND		1.0	0.23	ug/L			12/14/15 16:50	1
1,2-Dichloropropane	ND		1.0	0.18	ug/L			12/14/15 16:50	1
2,2-Dichloropropane	ND		1.0	0.18	ug/L			12/14/15 16:50	1
1,3-Dichloropropane	ND		1.0	0.22	ug/L			12/14/15 16:50	1
1,1-Dichloropropene	ND		1.0	0.19	ug/L			12/14/15 16:50	1
Ethylbenzene	ND		1.0	0.16	ug/L			12/14/15 16:50	1
Freon 12	ND		2.0	0.31	ug/L			12/14/15 16:50	1
Freon-113	ND		3.0	0.42	ug/L			12/14/15 16:50	1
Hexachlorobutadiene	ND		1.0	0.36	ug/L			12/14/15 16:50	1
Hexane	ND		2.0	0.42	ug/L			12/14/15 16:50	1
2-Hexanone	ND		5.0	1.7	ug/L			12/14/15 16:50	1
Isopropylbenzene	ND		1.0	0.19	ug/L			12/14/15 16:50	1
Methylene Chloride	ND		2.0	0.32	ug/L			12/14/15 16:50	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	0.98	ug/L			12/14/15 16:50	1
Methyl tert-butyl ether	ND		5.0	0.25	ug/L			12/14/15 16:50	1
m-Xylene & p-Xylene	ND		2.0	0.34	ug/L			12/14/15 16:50	1
Naphthalene	ND		1.0	0.22	ug/L			12/14/15 16:50	1
n-Butylbenzene	ND		1.0	0.32	ug/L			12/14/15 16:50	1
o-Xylene	ND		1.0	0.19	ug/L			12/14/15 16:50	1
p-Isopropyltoluene	ND		1.0	0.20	ug/L			12/14/15 16:50	1
Propylbenzene	ND		1.0	0.16	ug/L			12/14/15 16:50	1
sec-Butylbenzene	ND		1.0	0.17	ug/L			12/14/15 16:50	1
Styrene	ND *		1.0	0.17	ug/L			12/14/15 16:50	1
tert-Butylbenzene	ND		1.0	0.16	ug/L			12/14/15 16:50	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/14/15 16:50	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/14/15 16:50	1
Tetrachloroethene	4.0		1.0	0.20	ug/L			12/14/15 16:50	1

TestAmerica Sacramento

Client Sample Results

Client: Environmental Resource Group, Inc.
 Project/Site: Bentley Mall, Fairbanks - Soil Vapor & G

TestAmerica Job ID: 320-16330-1

Client Sample ID: DUP2
Date Collected: 12/02/15 09:00
Date Received: 12/05/15 09:45

Lab Sample ID: 320-16330-20
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		1.0	0.17	ug/L			12/14/15 16:50	1
1,2-Trans-dichloroethene	0.73	J	1.0	0.15	ug/L			12/14/15 16:50	1
trans-1,3-Dichloropropene	ND		3.0	0.19	ug/L			12/14/15 16:50	1
1,2,4-Trichlorobenzene	ND		1.0	0.21	ug/L			12/14/15 16:50	1
1,2,3-Trichlorobenzene	ND		1.0	0.21	ug/L			12/14/15 16:50	1
1,1,1-Trichloroethane	ND		1.0	0.16	ug/L			12/14/15 16:50	1
1,1,2-Trichloroethane	ND		1.0	0.27	ug/L			12/14/15 16:50	1
Trichloroethene	1.9		1.0	0.16	ug/L			12/14/15 16:50	1
Trichlorofluoromethane	10		2.0	0.29	ug/L			12/14/15 16:50	1
1,2,3-Trichloropropane	ND		2.5	0.33	ug/L			12/14/15 16:50	1
1,2,4-Trimethylbenzene	ND		1.0	0.15	ug/L			12/14/15 16:50	1
1,3,5-Trimethylbenzene	ND		1.0	0.16	ug/L			12/14/15 16:50	1
Vinyl acetate	ND		3.0	0.94	ug/L			12/14/15 16:50	1
Vinyl chloride	ND		1.0	0.10	ug/L			12/14/15 16:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>4-Bromofluorobenzene (Surr)</i>	109		78 - 120					12/14/15 16:50	1
<i>Dibromofluoromethane (Surr)</i>	98		77 - 120					12/14/15 16:50	1
<i>1,2-Dichloroethane-d4 (Surr)</i>	101		70 - 127					12/14/15 16:50	1
<i>Toluene-d8 (Surr)</i>	97		80 - 125					12/14/15 16:50	1

Client Sample ID: TRIP BLANK
Date Collected: 12/01/15 07:00
Date Received: 12/05/15 09:45

Lab Sample ID: 320-16330-21
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	1.9	ug/L			12/14/15 10:14	1
Benzene	ND		1.0	0.16	ug/L			12/14/15 10:14	1
Bromobenzene	ND		1.0	0.17	ug/L			12/14/15 10:14	1
Bromochloromethane	ND		1.0	0.10	ug/L			12/14/15 10:14	1
Bromodichloromethane	ND		1.0	0.17	ug/L			12/14/15 10:14	1
Bromoform	ND		1.0	0.19	ug/L			12/14/15 10:14	1
Bromomethane	ND		2.0	0.21	ug/L			12/14/15 10:14	1
2-Butanone (MEK)	ND		6.0	2.0	ug/L			12/14/15 10:14	1
Carbon disulfide	ND		2.0	0.45	ug/L			12/14/15 10:14	1
Carbon tetrachloride	ND		1.0	0.19	ug/L			12/14/15 10:14	1
Chlorobenzene	ND		1.0	0.17	ug/L			12/14/15 10:14	1
Chloroethane	ND		2.0	0.41	ug/L			12/14/15 10:14	1
Chloroform	ND		1.0	0.16	ug/L			12/14/15 10:14	1
Chloromethane	ND		2.0	0.30	ug/L			12/14/15 10:14	1
2-Chlorotoluene	ND		1.0	0.17	ug/L			12/14/15 10:14	1
4-Chlorotoluene	ND		1.0	0.21	ug/L			12/14/15 10:14	1
cis-1,2-Dichloroethene	ND		1.0	0.15	ug/L			12/14/15 10:14	1
cis-1,3-Dichloropropene	ND		1.0	0.16	ug/L			12/14/15 10:14	1
Dibromochloromethane	ND		1.0	0.17	ug/L			12/14/15 10:14	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.47	ug/L			12/14/15 10:14	1
1,2-Dibromoethane	ND		1.0	0.18	ug/L			12/14/15 10:14	1
Dibromomethane	ND		1.0	0.17	ug/L			12/14/15 10:14	1
1,3-Dichlorobenzene	ND		1.0	0.13	ug/L			12/14/15 10:14	1

TestAmerica Sacramento

Client Sample Results

Client: Environmental Resource Group, Inc.
 Project/Site: Bentley Mall, Fairbanks - Soil Vapor & G

TestAmerica Job ID: 320-16330-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 320-16330-21

Date Collected: 12/01/15 07:00

Matrix: Water

Date Received: 12/05/15 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND		1.0	0.15	ug/L			12/14/15 10:14	1
1,4-Dichlorobenzene	ND		1.0	0.16	ug/L			12/14/15 10:14	1
1,1-Dichloroethane	ND		1.0	0.22	ug/L			12/14/15 10:14	1
1,2-Dichloroethane	ND		1.0	0.13	ug/L			12/14/15 10:14	1
1,1-Dichloroethene	ND		1.0	0.23	ug/L			12/14/15 10:14	1
1,2-Dichloropropane	ND		1.0	0.18	ug/L			12/14/15 10:14	1
2,2-Dichloropropane	ND		1.0	0.18	ug/L			12/14/15 10:14	1
1,3-Dichloropropane	ND		1.0	0.22	ug/L			12/14/15 10:14	1
1,1-Dichloropropene	ND		1.0	0.19	ug/L			12/14/15 10:14	1
Ethylbenzene	ND		1.0	0.16	ug/L			12/14/15 10:14	1
Freon 12	ND		2.0	0.31	ug/L			12/14/15 10:14	1
Freon-113	ND		3.0	0.42	ug/L			12/14/15 10:14	1
Hexachlorobutadiene	ND		1.0	0.36	ug/L			12/14/15 10:14	1
Hexane	ND		2.0	0.42	ug/L			12/14/15 10:14	1
2-Hexanone	ND		5.0	1.7	ug/L			12/14/15 10:14	1
Isopropylbenzene	ND		1.0	0.19	ug/L			12/14/15 10:14	1
Methylene Chloride	ND		2.0	0.32	ug/L			12/14/15 10:14	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	0.98	ug/L			12/14/15 10:14	1
Methyl tert-butyl ether	ND		5.0	0.25	ug/L			12/14/15 10:14	1
m-Xylene & p-Xylene	ND		2.0	0.34	ug/L			12/14/15 10:14	1
Naphthalene	ND		1.0	0.22	ug/L			12/14/15 10:14	1
n-Butylbenzene	ND		1.0	0.32	ug/L			12/14/15 10:14	1
o-Xylene	ND		1.0	0.19	ug/L			12/14/15 10:14	1
p-Isopropyltoluene	ND		1.0	0.20	ug/L			12/14/15 10:14	1
Propylbenzene	ND		1.0	0.16	ug/L			12/14/15 10:14	1
sec-Butylbenzene	ND		1.0	0.17	ug/L			12/14/15 10:14	1
Styrene	ND *		1.0	0.17	ug/L			12/14/15 10:14	1
tert-Butylbenzene	ND		1.0	0.16	ug/L			12/14/15 10:14	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/14/15 10:14	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/14/15 10:14	1
Tetrachloroethene	ND		1.0	0.20	ug/L			12/14/15 10:14	1
Toluene	ND		1.0	0.17	ug/L			12/14/15 10:14	1
1,2-Trans-dichloroethene	ND		1.0	0.15	ug/L			12/14/15 10:14	1
trans-1,3-Dichloropropene	ND		3.0	0.19	ug/L			12/14/15 10:14	1
1,2,4-Trichlorobenzene	ND		1.0	0.21	ug/L			12/14/15 10:14	1
1,2,3-Trichlorobenzene	ND		1.0	0.21	ug/L			12/14/15 10:14	1
1,1,1-Trichloroethane	ND		1.0	0.16	ug/L			12/14/15 10:14	1
1,1,2-Trichloroethane	ND		1.0	0.27	ug/L			12/14/15 10:14	1
Trichloroethene	ND		1.0	0.16	ug/L			12/14/15 10:14	1
Trichlorofluoromethane	ND		2.0	0.29	ug/L			12/14/15 10:14	1
1,2,3-Trichloropropane	ND		2.5	0.33	ug/L			12/14/15 10:14	1
1,2,4-Trimethylbenzene	ND		1.0	0.15	ug/L			12/14/15 10:14	1
1,3,5-Trimethylbenzene	ND		1.0	0.16	ug/L			12/14/15 10:14	1
Vinyl acetate	ND		3.0	0.94	ug/L			12/14/15 10:14	1
Vinyl chloride	ND		1.0	0.10	ug/L			12/14/15 10:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		78 - 120		12/14/15 10:14	1
Dibromofluoromethane (Surr)	98		77 - 120		12/14/15 10:14	1
1,2-Dichloroethane-d4 (Surr)	96		70 - 127		12/14/15 10:14	1

TestAmerica Sacramento

Client Sample Results

Client: Environmental Resource Group, Inc.
Project/Site: Bentley Mall, Fairbanks - Soil Vapor & G

TestAmerica Job ID: 320-16330-1

Client Sample ID: TRIP BLANK

Date Collected: 12/01/15 07:00

Date Received: 12/05/15 09:45

Lab Sample ID: 320-16330-21

Matrix: Water

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

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>Toluene-d8 (Surr)</i>	<i>98</i>		<i>80 - 125</i>		<i>12/14/15 10:14</i>	<i>1</i>

- 1
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- 14
- 15

Surrogate Summary

Client: Environmental Resource Group, Inc.
 Project/Site: Bentley Mall, Fairbanks - Soil Vapor & G

TestAmerica Job ID: 320-16330-1

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

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		BFB (78-120)	DBFM (77-120)	12DCE (70-127)	TOL (80-125)
320-16330-1	US-MW-2	104	97	100	98
320-16330-2	US-MW-5	104	94	101	98
320-16330-3	US-MW-7	108	98	96	98
320-16330-3 MS	US-MW-7	103	99	101	95
320-16330-3 MSD	US-MW-7	105	100	101	97
320-16330-4	US-MW-8	104	96	98	96
320-16330-5	US-MW-9	106	100	101	97
320-16330-6	US-MW-10	105	98	99	97
320-16330-7	TSN-MW1	105	96	101	97
320-16330-8	GVEA-MW-6	106	101	102	96
320-16330-9	GVEA-MW-7	107	99	101	96
320-16330-10	ZEHNDER	107	98	102	96
320-16330-11	FAIR-2	107	97	102	96
320-16330-12	FAIR-3	101	107	112	100
320-16330-13	FAIR-5	107	97	100	97
320-16330-14	NC-MW-5	104	98	100	95
320-16330-15	NC-MW-10	104	99	103	96
320-16330-16	NC-MW-11	105	100	101	96
320-16330-17	BM-MW-1	107	101	98	100
320-16330-18	BM-MW-8	98	102	104	89
320-16330-19	DUP1	106	97	102	97
320-16330-20	DUP2	109	98	101	97
320-16330-21	TRIP BLANK	106	98	96	98
LCS 280-307591/4	Lab Control Sample	103	98	99	95
LCS 280-307768/4	Lab Control Sample	101	106	114	99
LCS 280-307846/4	Lab Control Sample	96	99	102	94
LCS 280-308050/4	Lab Control Sample	105	99	101	99
MB 280-307591/6	Method Blank	106	98	99	98
MB 280-307768/6	Method Blank	102	107	116	100
MB 280-307846/6	Method Blank	102	107	111	94
MB 280-308050/6	Method Blank	106	100	97	101

Surrogate Legend

- BFB = 4-Bromofluorobenzene (Surr)
- DBFM = Dibromofluoromethane (Surr)
- 12DCE = 1,2-Dichloroethane-d4 (Surr)
- TOL = Toluene-d8 (Surr)

QC Sample Results

Client: Environmental Resource Group, Inc.
 Project/Site: Bentley Mall, Fairbanks - Soil Vapor & G

TestAmerica Job ID: 320-16330-1

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

Lab Sample ID: MB 280-307591/6

Matrix: Water

Analysis Batch: 307591

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	1.9	ug/L			12/14/15 09:26	1
Benzene	ND		1.0	0.16	ug/L			12/14/15 09:26	1
Bromobenzene	ND		1.0	0.17	ug/L			12/14/15 09:26	1
Bromochloromethane	ND		1.0	0.10	ug/L			12/14/15 09:26	1
Bromodichloromethane	ND		1.0	0.17	ug/L			12/14/15 09:26	1
Bromoform	ND		1.0	0.19	ug/L			12/14/15 09:26	1
Bromomethane	ND		2.0	0.21	ug/L			12/14/15 09:26	1
2-Butanone (MEK)	ND		6.0	2.0	ug/L			12/14/15 09:26	1
Carbon disulfide	ND		2.0	0.45	ug/L			12/14/15 09:26	1
Carbon tetrachloride	ND		1.0	0.19	ug/L			12/14/15 09:26	1
Chlorobenzene	ND		1.0	0.17	ug/L			12/14/15 09:26	1
Chloroethane	ND		2.0	0.41	ug/L			12/14/15 09:26	1
Chloroform	ND		1.0	0.16	ug/L			12/14/15 09:26	1
Chloromethane	ND		2.0	0.30	ug/L			12/14/15 09:26	1
2-Chlorotoluene	ND		1.0	0.17	ug/L			12/14/15 09:26	1
4-Chlorotoluene	ND		1.0	0.21	ug/L			12/14/15 09:26	1
cis-1,2-Dichloroethene	ND		1.0	0.15	ug/L			12/14/15 09:26	1
cis-1,3-Dichloropropene	ND		1.0	0.16	ug/L			12/14/15 09:26	1
Dibromochloromethane	ND		1.0	0.17	ug/L			12/14/15 09:26	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.47	ug/L			12/14/15 09:26	1
1,2-Dibromoethane	ND		1.0	0.18	ug/L			12/14/15 09:26	1
Dibromomethane	ND		1.0	0.17	ug/L			12/14/15 09:26	1
1,3-Dichlorobenzene	ND		1.0	0.13	ug/L			12/14/15 09:26	1
1,2-Dichlorobenzene	ND		1.0	0.15	ug/L			12/14/15 09:26	1
1,4-Dichlorobenzene	ND		1.0	0.16	ug/L			12/14/15 09:26	1
1,1-Dichloroethane	ND		1.0	0.22	ug/L			12/14/15 09:26	1
1,2-Dichloroethane	ND		1.0	0.13	ug/L			12/14/15 09:26	1
1,1-Dichloroethene	ND		1.0	0.23	ug/L			12/14/15 09:26	1
1,2-Dichloropropane	ND		1.0	0.18	ug/L			12/14/15 09:26	1
2,2-Dichloropropane	ND		1.0	0.18	ug/L			12/14/15 09:26	1
1,3-Dichloropropane	ND		1.0	0.22	ug/L			12/14/15 09:26	1
1,1-Dichloropropene	ND		1.0	0.19	ug/L			12/14/15 09:26	1
Ethylbenzene	ND		1.0	0.16	ug/L			12/14/15 09:26	1
Freon 12	ND		2.0	0.31	ug/L			12/14/15 09:26	1
Freon-113	ND		3.0	0.42	ug/L			12/14/15 09:26	1
Hexachlorobutadiene	ND		1.0	0.36	ug/L			12/14/15 09:26	1
Hexane	ND		2.0	0.42	ug/L			12/14/15 09:26	1
2-Hexanone	ND		5.0	1.7	ug/L			12/14/15 09:26	1
Isopropylbenzene	ND		1.0	0.19	ug/L			12/14/15 09:26	1
Methylene Chloride	ND		2.0	0.32	ug/L			12/14/15 09:26	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	0.98	ug/L			12/14/15 09:26	1
Methyl tert-butyl ether	ND		5.0	0.25	ug/L			12/14/15 09:26	1
m-Xylene & p-Xylene	ND		2.0	0.34	ug/L			12/14/15 09:26	1
Naphthalene	ND		1.0	0.22	ug/L			12/14/15 09:26	1
n-Butylbenzene	ND		1.0	0.32	ug/L			12/14/15 09:26	1
o-Xylene	ND		1.0	0.19	ug/L			12/14/15 09:26	1
p-Isopropyltoluene	ND		1.0	0.20	ug/L			12/14/15 09:26	1
Propylbenzene	ND		1.0	0.16	ug/L			12/14/15 09:26	1

TestAmerica Sacramento

QC Sample Results

Client: Environmental Resource Group, Inc.
 Project/Site: Bentley Mall, Fairbanks - Soil Vapor & G

TestAmerica Job ID: 320-16330-1

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

Lab Sample ID: MB 280-307591/6
Matrix: Water
Analysis Batch: 307591

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	ND		1.0	0.17	ug/L			12/14/15 09:26	1
Styrene	ND		1.0	0.17	ug/L			12/14/15 09:26	1
tert-Butylbenzene	ND		1.0	0.16	ug/L			12/14/15 09:26	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/14/15 09:26	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/14/15 09:26	1
Tetrachloroethene	ND		1.0	0.20	ug/L			12/14/15 09:26	1
Toluene	ND		1.0	0.17	ug/L			12/14/15 09:26	1
1,2-Trans-dichloroethene	ND		1.0	0.15	ug/L			12/14/15 09:26	1
trans-1,3-Dichloropropene	ND		3.0	0.19	ug/L			12/14/15 09:26	1
1,2,4-Trichlorobenzene	ND		1.0	0.21	ug/L			12/14/15 09:26	1
1,2,3-Trichlorobenzene	ND		1.0	0.21	ug/L			12/14/15 09:26	1
1,1,1-Trichloroethane	ND		1.0	0.16	ug/L			12/14/15 09:26	1
1,1,2-Trichloroethane	ND		1.0	0.27	ug/L			12/14/15 09:26	1
Trichloroethene	ND		1.0	0.16	ug/L			12/14/15 09:26	1
Trichlorofluoromethane	ND		2.0	0.29	ug/L			12/14/15 09:26	1
1,2,3-Trichloropropane	ND		2.5	0.33	ug/L			12/14/15 09:26	1
1,2,4-Trimethylbenzene	ND		1.0	0.15	ug/L			12/14/15 09:26	1
1,3,5-Trimethylbenzene	ND		1.0	0.16	ug/L			12/14/15 09:26	1
Vinyl acetate	ND		3.0	0.94	ug/L			12/14/15 09:26	1
Vinyl chloride	ND		1.0	0.10	ug/L			12/14/15 09:26	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		78 - 120		12/14/15 09:26	1
Dibromofluoromethane (Surr)	98		77 - 120		12/14/15 09:26	1
1,2-Dichloroethane-d4 (Surr)	99		70 - 127		12/14/15 09:26	1
Toluene-d8 (Surr)	98		80 - 125		12/14/15 09:26	1

Lab Sample ID: LCS 280-307591/4
Matrix: Water
Analysis Batch: 307591

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	5.00	5.02		ug/L		100	65 - 135
Bromobenzene	5.00	4.79		ug/L		96	65 - 135
Bromochloromethane	5.00	4.72		ug/L		94	65 - 135
Bromodichloromethane	5.00	4.85		ug/L		97	65 - 135
Bromoform	5.00	4.30		ug/L		86	62 - 135
Bromomethane	5.00	4.70		ug/L		94	45 - 135
Carbon tetrachloride	5.00	5.16		ug/L		103	65 - 135
Chlorobenzene	5.00	4.81		ug/L		96	65 - 135
Chloroethane	5.00	4.59		ug/L		92	46 - 136
Chloroform	5.00	5.05		ug/L		101	65 - 135
Chloromethane	5.00	4.98		ug/L		100	34 - 145
2-Chlorotoluene	5.00	4.81		ug/L		96	65 - 135
4-Chlorotoluene	5.00	4.75		ug/L		95	65 - 135
cis-1,2-Dichloroethene	5.00	4.86		ug/L		97	65 - 135
cis-1,3-Dichloropropene	5.00	4.82		ug/L		96	65 - 135
Dibromochloromethane	5.00	4.32		ug/L		86	65 - 135

TestAmerica Sacramento

QC Sample Results

Client: Environmental Resource Group, Inc.
 Project/Site: Bentley Mall, Fairbanks - Soil Vapor & G

TestAmerica Job ID: 320-16330-1

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

Lab Sample ID: LCS 280-307591/4

Matrix: Water

Analysis Batch: 307591

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,3-Dichlorobenzene	5.00	4.69		ug/L		94	65 - 135
1,2-Dichlorobenzene	5.00	4.67		ug/L		93	65 - 135
1,4-Dichlorobenzene	5.00	4.84		ug/L		97	65 - 135
1,1-Dichloroethane	5.00	5.13		ug/L		103	65 - 135
1,2-Dichloroethane	5.00	4.98		ug/L		100	65 - 135
1,1-Dichloroethene	5.00	4.73		ug/L		95	65 - 136
1,2-Dichloropropane	5.00	4.93		ug/L		99	64 - 135
2,2-Dichloropropane	5.00	4.70		ug/L		94	65 - 135
1,3-Dichloropropane	5.00	4.80		ug/L		96	64 - 135
1,1-Dichloropropene	5.00	5.46		ug/L		109	65 - 135
Ethylbenzene	5.00	4.84		ug/L		97	65 - 135
Freon 12	5.00	5.07		ug/L		101	43 - 142
Freon-113	5.00	4.78		ug/L		96	65 - 140
Hexachlorobutadiene	5.00	4.99		ug/L		100	65 - 135
Isopropylbenzene	5.00	4.91		ug/L		98	65 - 135
Methylene Chloride	5.00	5.11		ug/L		102	54 - 141
Methyl tert-butyl ether	5.00	4.71	J	ug/L		94	54 - 135
m-Xylene & p-Xylene	5.00	4.85		ug/L		97	65 - 135
Naphthalene	5.00	3.29		ug/L		66	42 - 135
n-Butylbenzene	5.00	4.79		ug/L		96	64 - 135
o-Xylene	5.00	4.87		ug/L		97	65 - 135
p-Isopropyltoluene	5.00	4.85		ug/L		97	65 - 135
Propylbenzene	5.00	4.71		ug/L		94	65 - 135
sec-Butylbenzene	5.00	4.73		ug/L		95	64 - 135
tert-Butylbenzene	5.00	4.76		ug/L		95	65 - 135
1,1,2,2-Tetrachloroethane	5.00	4.65		ug/L		93	58 - 135
Tetrachloroethene	5.00	5.00		ug/L		100	65 - 135
Toluene	5.00	5.06		ug/L		101	65 - 135
1,2-Trans-dichloroethene	5.00	5.02		ug/L		100	65 - 135
trans-1,3-Dichloropropene	5.00	5.18		ug/L		104	65 - 135
1,2,4-Trichlorobenzene	5.00	4.20		ug/L		84	58 - 135
1,2,3-Trichlorobenzene	5.00	4.16		ug/L		83	60 - 135
1,1,1-Trichloroethane	5.00	4.99		ug/L		100	65 - 135
1,1,2-Trichloroethane	5.00	4.83		ug/L		97	64 - 135
Trichloroethene	5.00	5.01		ug/L		100	65 - 135
Trichlorofluoromethane	5.00	5.09		ug/L		102	53 - 137
1,2,4-Trimethylbenzene	5.00	4.77		ug/L		95	65 - 135
1,3,5-Trimethylbenzene	5.00	4.85		ug/L		97	65 - 135
Vinyl chloride	5.00	4.88		ug/L		98	40 - 137

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	103		78 - 120
Dibromofluoromethane (Surr)	98		77 - 120
1,2-Dichloroethane-d4 (Surr)	99		70 - 127
Toluene-d8 (Surr)	95		80 - 125

TestAmerica Sacramento

QC Sample Results

Client: Environmental Resource Group, Inc.
 Project/Site: Bentley Mall, Fairbanks - Soil Vapor & G

TestAmerica Job ID: 320-16330-1

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

Lab Sample ID: 320-16330-3 MS

Matrix: Water

Analysis Batch: 307591

Client Sample ID: US-MW-7

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	ND		5.00	4.88		ug/L		98	65 - 135
Bromobenzene	ND		5.00	4.59		ug/L		92	65 - 135
Bromochloromethane	ND		5.00	4.54		ug/L		91	65 - 135
Bromodichloromethane	ND		5.00	4.65		ug/L		93	65 - 135
Bromoform	ND		5.00	3.83		ug/L		77	62 - 135
Bromomethane	ND		5.00	4.50		ug/L		90	45 - 135
Carbon tetrachloride	ND		5.00	5.10		ug/L		102	65 - 135
Chlorobenzene	ND		5.00	4.64		ug/L		93	65 - 135
Chloroethane	ND		5.00	4.33		ug/L		87	46 - 136
Chloroform	ND		5.00	5.05		ug/L		101	65 - 135
Chloromethane	ND		5.00	4.80		ug/L		96	34 - 145
2-Chlorotoluene	ND		5.00	4.62		ug/L		92	65 - 135
4-Chlorotoluene	ND		5.00	4.55		ug/L		91	65 - 135
cis-1,2-Dichloroethene	ND		5.00	4.72		ug/L		94	65 - 135
cis-1,3-Dichloropropene	ND		5.00	4.48		ug/L		90	65 - 135
Dibromochloromethane	ND		5.00	4.22		ug/L		84	65 - 135
1,3-Dichlorobenzene	ND		5.00	4.52		ug/L		90	65 - 135
1,2-Dichlorobenzene	ND		5.00	4.45		ug/L		89	65 - 135
1,4-Dichlorobenzene	ND		5.00	4.85		ug/L		97	65 - 135
1,1-Dichloroethane	ND		5.00	4.98		ug/L		100	65 - 135
1,2-Dichloroethane	ND		5.00	4.80		ug/L		96	65 - 135
1,1-Dichloroethene	ND		5.00	4.69		ug/L		94	65 - 136
1,2-Dichloropropane	ND		5.00	4.75		ug/L		95	64 - 135
2,2-Dichloropropane	ND		5.00	4.79		ug/L		96	65 - 135
1,3-Dichloropropane	ND		5.00	4.63		ug/L		93	64 - 135
1,1-Dichloropropene	ND		5.00	5.38		ug/L		108	65 - 135
Ethylbenzene	ND		5.00	4.69		ug/L		94	65 - 135
Freon 12	ND		5.00	5.14		ug/L		103	43 - 142
Freon-113	ND		5.00	4.71		ug/L		94	65 - 140
Hexachlorobutadiene	ND		5.00	4.89		ug/L		98	65 - 135
Isopropylbenzene	ND		5.00	4.82		ug/L		96	65 - 135
Methylene Chloride	ND		5.00	4.52		ug/L		90	54 - 141
Methyl tert-butyl ether	ND		5.00	4.36	J	ug/L		87	54 - 135
m-Xylene & p-Xylene	ND		5.00	4.74		ug/L		95	65 - 135
Naphthalene	ND		5.00	2.98		ug/L		60	42 - 135
n-Butylbenzene	ND		5.00	4.75		ug/L		95	64 - 135
o-Xylene	ND		5.00	4.65		ug/L		93	65 - 135
p-Isopropyltoluene	ND		5.00	4.74		ug/L		95	65 - 135
Propylbenzene	ND		5.00	4.63		ug/L		93	65 - 135
sec-Butylbenzene	ND		5.00	4.66		ug/L		93	64 - 135
tert-Butylbenzene	ND		5.00	4.66		ug/L		93	65 - 135
1,1,2,2-Tetrachloroethane	ND		5.00	4.39		ug/L		88	58 - 135
Tetrachloroethene	ND		5.00	4.97		ug/L		99	65 - 135
Toluene	ND		5.00	4.97		ug/L		99	65 - 135
1,2-Trans-dichloroethene	ND		5.00	4.96		ug/L		99	65 - 135
trans-1,3-Dichloropropene	ND		5.00	4.85		ug/L		97	65 - 135
1,2,4-Trichlorobenzene	ND		5.00	3.90		ug/L		78	58 - 135
1,2,3-Trichlorobenzene	ND		5.00	3.78		ug/L		76	60 - 135

TestAmerica Sacramento

QC Sample Results

Client: Environmental Resource Group, Inc.
 Project/Site: Bentley Mall, Fairbanks - Soil Vapor & G

TestAmerica Job ID: 320-16330-1

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

Lab Sample ID: 320-16330-3 MS

Matrix: Water

Analysis Batch: 307591

Client Sample ID: US-MW-7

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	ND		5.00	4.88		ug/L		98	65 - 135
1,1,2-Trichloroethane	ND		5.00	4.48		ug/L		90	64 - 135
Trichloroethene	ND		5.00	4.82		ug/L		96	65 - 135
Trichlorofluoromethane	1.1	J	5.00	6.29		ug/L		104	53 - 137
1,2,4-Trimethylbenzene	ND		5.00	4.66		ug/L		93	65 - 135
1,3,5-Trimethylbenzene	ND		5.00	4.75		ug/L		95	65 - 135
Vinyl chloride	ND		5.00	4.76		ug/L		95	40 - 137

Surrogate	MS %Recovery	MS Qualifier	MS Limits
4-Bromofluorobenzene (Surr)	103		78 - 120
Dibromofluoromethane (Surr)	99		77 - 120
1,2-Dichloroethane-d4 (Surr)	101		70 - 127
Toluene-d8 (Surr)	95		80 - 125

Lab Sample ID: 320-16330-3 MSD

Matrix: Water

Analysis Batch: 307591

Client Sample ID: US-MW-7

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	ND		5.00	4.98		ug/L		100	65 - 135	2	20
Bromobenzene	ND		5.00	4.64		ug/L		93	65 - 135	1	26
Bromochloromethane	ND		5.00	4.68		ug/L		94	65 - 135	3	29
Bromodichloromethane	ND		5.00	4.76		ug/L		95	65 - 135	2	20
Bromoform	ND		5.00	4.17		ug/L		83	62 - 135	9	27
Bromomethane	ND		5.00	4.80		ug/L		96	45 - 135	6	33
Carbon tetrachloride	ND		5.00	5.17		ug/L		103	65 - 135	1	21
Chlorobenzene	ND		5.00	4.76		ug/L		95	65 - 135	2	20
Chloroethane	ND		5.00	4.67		ug/L		93	46 - 136	8	25
Chloroform	ND		5.00	5.09		ug/L		102	65 - 135	1	20
Chloromethane	ND		5.00	5.23		ug/L		105	34 - 145	9	24
2-Chlorotoluene	ND		5.00	4.74		ug/L		95	65 - 135	3	20
4-Chlorotoluene	ND		5.00	4.74		ug/L		95	65 - 135	4	20
cis-1,2-Dichloroethene	ND		5.00	4.80		ug/L		96	65 - 135	2	20
cis-1,3-Dichloropropene	ND		5.00	4.82		ug/L		96	65 - 135	7	26
Dibromochloromethane	ND		5.00	4.31		ug/L		86	65 - 135	2	20
1,3-Dichlorobenzene	ND		5.00	4.69		ug/L		94	65 - 135	4	20
1,2-Dichlorobenzene	ND		5.00	4.62		ug/L		92	65 - 135	4	20
1,4-Dichlorobenzene	ND		5.00	4.94		ug/L		99	65 - 135	2	23
1,1-Dichloroethane	ND		5.00	5.11		ug/L		102	65 - 135	3	21
1,2-Dichloroethane	ND		5.00	4.97		ug/L		99	65 - 135	3	20
1,1-Dichloroethene	ND		5.00	4.82		ug/L		96	65 - 136	3	20
1,2-Dichloropropane	ND		5.00	4.90		ug/L		98	64 - 135	3	20
2,2-Dichloropropane	ND		5.00	4.90		ug/L		98	65 - 135	2	20
1,3-Dichloropropane	ND		5.00	4.83		ug/L		97	64 - 135	4	20
1,1-Dichloropropene	ND		5.00	5.43		ug/L		109	65 - 135	1	21
Ethylbenzene	ND		5.00	4.80		ug/L		96	65 - 135	2	20
Freon 12	ND		5.00	5.41		ug/L		108	43 - 142	5	30
Freon-113	ND		5.00	4.75		ug/L		95	65 - 140	1	20

TestAmerica Sacramento

QC Sample Results

Client: Environmental Resource Group, Inc.
 Project/Site: Bentley Mall, Fairbanks - Soil Vapor & G

TestAmerica Job ID: 320-16330-1

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

Lab Sample ID: 320-16330-3 MSD
Matrix: Water
Analysis Batch: 307591

Client Sample ID: US-MW-7
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Hexachlorobutadiene	ND		5.00	5.05		ug/L		101	65 - 135	3	25
Isopropylbenzene	ND		5.00	4.96		ug/L		99	65 - 135	3	20
Methylene Chloride	ND		5.00	4.74		ug/L		95	54 - 141	5	26
Methyl tert-butyl ether	ND		5.00	4.70	J	ug/L		94	54 - 135	8	21
m-Xylene & p-Xylene	ND		5.00	4.91		ug/L		98	65 - 135	4	20
Naphthalene	ND		5.00	3.30		ug/L		66	42 - 135	10	23
n-Butylbenzene	ND		5.00	4.89		ug/L		98	64 - 135	3	21
o-Xylene	ND		5.00	4.84		ug/L		97	65 - 135	4	20
p-Isopropyltoluene	ND		5.00	4.87		ug/L		97	65 - 135	3	20
Propylbenzene	ND		5.00	4.79		ug/L		96	65 - 135	4	20
sec-Butylbenzene	ND		5.00	4.74		ug/L		95	64 - 135	2	21
tert-Butylbenzene	ND		5.00	4.80		ug/L		96	65 - 135	3	21
1,1,2,2-Tetrachloroethane	ND		5.00	4.66		ug/L		93	58 - 135	6	20
Tetrachloroethene	ND		5.00	5.07		ug/L		101	65 - 135	2	20
Toluene	ND		5.00	5.04		ug/L		101	65 - 135	1	20
1,2-Trans-dichloroethene	ND		5.00	4.96		ug/L		99	65 - 135	0	24
trans-1,3-Dichloropropene	ND		5.00	4.93		ug/L		99	65 - 135	2	26
1,2,4-Trichlorobenzene	ND		5.00	4.09		ug/L		82	58 - 135	5	25
1,2,3-Trichlorobenzene	ND		5.00	4.09		ug/L		82	60 - 135	8	36
1,1,1-Trichloroethane	ND		5.00	4.96		ug/L		99	65 - 135	2	20
1,1,2-Trichloroethane	ND		5.00	4.79		ug/L		96	64 - 135	7	27
Trichloroethene	ND		5.00	4.97		ug/L		99	65 - 135	3	20
Trichlorofluoromethane	1.1	J	5.00	6.47		ug/L		107	53 - 137	3	27
1,2,4-Trimethylbenzene	ND		5.00	4.78		ug/L		96	65 - 135	3	20
1,3,5-Trimethylbenzene	ND		5.00	4.86		ug/L		97	65 - 135	2	20
Vinyl chloride	ND		5.00	5.03		ug/L		101	40 - 137	6	24

Surrogate	MSD %Recovery	MSD Qualifier	MSD Limits
4-Bromofluorobenzene (Surr)	105		78 - 120
Dibromofluoromethane (Surr)	100		77 - 120
1,2-Dichloroethane-d4 (Surr)	101		70 - 127
Toluene-d8 (Surr)	97		80 - 125

Lab Sample ID: MB 280-307768/6
Matrix: Water
Analysis Batch: 307768

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	1.9	ug/L			12/15/15 08:49	1
Benzene	ND		1.0	0.16	ug/L			12/15/15 08:49	1
Bromobenzene	ND		1.0	0.17	ug/L			12/15/15 08:49	1
Bromochloromethane	ND		1.0	0.10	ug/L			12/15/15 08:49	1
Bromodichloromethane	ND		1.0	0.17	ug/L			12/15/15 08:49	1
Bromoform	ND		1.0	0.19	ug/L			12/15/15 08:49	1
Bromomethane	ND		2.0	0.21	ug/L			12/15/15 08:49	1
2-Butanone (MEK)	ND		6.0	2.0	ug/L			12/15/15 08:49	1
Carbon disulfide	ND		2.0	0.45	ug/L			12/15/15 08:49	1
Carbon tetrachloride	ND		1.0	0.19	ug/L			12/15/15 08:49	1

TestAmerica Sacramento

QC Sample Results

Client: Environmental Resource Group, Inc.
 Project/Site: Bentley Mall, Fairbanks - Soil Vapor & G

TestAmerica Job ID: 320-16330-1

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

Lab Sample ID: MB 280-307768/6
Matrix: Water
Analysis Batch: 307768

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

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Chlorobenzene	ND		1.0	0.17	ug/L			12/15/15 08:49	1
Chloroethane	ND		2.0	0.41	ug/L			12/15/15 08:49	1
Chloroform	ND		1.0	0.16	ug/L			12/15/15 08:49	1
Chloromethane	ND		2.0	0.30	ug/L			12/15/15 08:49	1
2-Chlorotoluene	ND		1.0	0.17	ug/L			12/15/15 08:49	1
4-Chlorotoluene	ND		1.0	0.21	ug/L			12/15/15 08:49	1
cis-1,2-Dichloroethene	ND		1.0	0.15	ug/L			12/15/15 08:49	1
cis-1,3-Dichloropropene	ND		1.0	0.16	ug/L			12/15/15 08:49	1
Dibromochloromethane	ND		1.0	0.17	ug/L			12/15/15 08:49	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.47	ug/L			12/15/15 08:49	1
1,2-Dibromoethane	ND		1.0	0.18	ug/L			12/15/15 08:49	1
Dibromomethane	ND		1.0	0.17	ug/L			12/15/15 08:49	1
1,3-Dichlorobenzene	ND		1.0	0.13	ug/L			12/15/15 08:49	1
1,2-Dichlorobenzene	ND		1.0	0.15	ug/L			12/15/15 08:49	1
1,4-Dichlorobenzene	ND		1.0	0.16	ug/L			12/15/15 08:49	1
1,1-Dichloroethane	ND		1.0	0.22	ug/L			12/15/15 08:49	1
1,2-Dichloroethane	ND		1.0	0.13	ug/L			12/15/15 08:49	1
1,1-Dichloroethene	ND		1.0	0.23	ug/L			12/15/15 08:49	1
1,2-Dichloropropane	ND		1.0	0.18	ug/L			12/15/15 08:49	1
2,2-Dichloropropane	ND		1.0	0.18	ug/L			12/15/15 08:49	1
1,3-Dichloropropane	ND		1.0	0.22	ug/L			12/15/15 08:49	1
1,1-Dichloropropene	ND		1.0	0.19	ug/L			12/15/15 08:49	1
Ethylbenzene	ND		1.0	0.16	ug/L			12/15/15 08:49	1
Freon 12	ND		2.0	0.31	ug/L			12/15/15 08:49	1
Freon-113	ND		3.0	0.42	ug/L			12/15/15 08:49	1
Hexachlorobutadiene	ND		1.0	0.36	ug/L			12/15/15 08:49	1
Hexane	ND		2.0	0.42	ug/L			12/15/15 08:49	1
2-Hexanone	ND		5.0	1.7	ug/L			12/15/15 08:49	1
Isopropylbenzene	ND		1.0	0.19	ug/L			12/15/15 08:49	1
Methylene Chloride	ND		2.0	0.32	ug/L			12/15/15 08:49	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	0.98	ug/L			12/15/15 08:49	1
Methyl tert-butyl ether	ND		5.0	0.25	ug/L			12/15/15 08:49	1
m-Xylene & p-Xylene	ND		2.0	0.34	ug/L			12/15/15 08:49	1
Naphthalene	ND		1.0	0.22	ug/L			12/15/15 08:49	1
n-Butylbenzene	ND		1.0	0.32	ug/L			12/15/15 08:49	1
o-Xylene	ND		1.0	0.19	ug/L			12/15/15 08:49	1
p-Isopropyltoluene	ND		1.0	0.20	ug/L			12/15/15 08:49	1
Propylbenzene	ND		1.0	0.16	ug/L			12/15/15 08:49	1
sec-Butylbenzene	ND		1.0	0.17	ug/L			12/15/15 08:49	1
Styrene	ND		1.0	0.17	ug/L			12/15/15 08:49	1
tert-Butylbenzene	ND		1.0	0.16	ug/L			12/15/15 08:49	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/15/15 08:49	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/15/15 08:49	1
Tetrachloroethene	ND		1.0	0.20	ug/L			12/15/15 08:49	1
Toluene	ND		1.0	0.17	ug/L			12/15/15 08:49	1
1,2-Trans-dichloroethene	ND		1.0	0.15	ug/L			12/15/15 08:49	1
trans-1,3-Dichloropropene	ND		3.0	0.19	ug/L			12/15/15 08:49	1
1,2,4-Trichlorobenzene	ND		1.0	0.21	ug/L			12/15/15 08:49	1

TestAmerica Sacramento

QC Sample Results

Client: Environmental Resource Group, Inc.
 Project/Site: Bentley Mall, Fairbanks - Soil Vapor & G

TestAmerica Job ID: 320-16330-1

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

Lab Sample ID: MB 280-307768/6
Matrix: Water
Analysis Batch: 307768

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

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,2,3-Trichlorobenzene	ND		1.0	0.21	ug/L			12/15/15 08:49	1
1,1,1-Trichloroethane	ND		1.0	0.16	ug/L			12/15/15 08:49	1
1,1,2-Trichloroethane	ND		1.0	0.27	ug/L			12/15/15 08:49	1
Trichloroethene	ND		1.0	0.16	ug/L			12/15/15 08:49	1
Trichlorofluoromethane	ND		2.0	0.29	ug/L			12/15/15 08:49	1
1,2,3-Trichloropropane	ND		2.5	0.33	ug/L			12/15/15 08:49	1
1,2,4-Trimethylbenzene	ND		1.0	0.15	ug/L			12/15/15 08:49	1
1,3,5-Trimethylbenzene	ND		1.0	0.16	ug/L			12/15/15 08:49	1
Vinyl acetate	ND		3.0	0.94	ug/L			12/15/15 08:49	1
Vinyl chloride	ND		1.0	0.10	ug/L			12/15/15 08:49	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	102		78 - 120		12/15/15 08:49	1
Dibromofluoromethane (Surr)	107		77 - 120		12/15/15 08:49	1
1,2-Dichloroethane-d4 (Surr)	116		70 - 127		12/15/15 08:49	1
Toluene-d8 (Surr)	100		80 - 125		12/15/15 08:49	1

Lab Sample ID: LCS 280-307768/4
Matrix: Water
Analysis Batch: 307768

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

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
Benzene	5.00	4.89		ug/L		98	65 - 135
Bromobenzene	5.00	4.59		ug/L		92	65 - 135
Bromochloromethane	5.00	4.70		ug/L		94	65 - 135
Bromodichloromethane	5.00	4.82		ug/L		96	65 - 135
Bromoform	5.00	4.40		ug/L		88	62 - 135
Bromomethane	5.00	4.56		ug/L		91	45 - 135
Carbon tetrachloride	5.00	4.94		ug/L		99	65 - 135
Chlorobenzene	5.00	4.72		ug/L		94	65 - 135
Chloroethane	5.00	4.60		ug/L		92	46 - 136
Chloroform	5.00	4.87		ug/L		97	65 - 135
Chloromethane	5.00	4.79		ug/L		96	34 - 145
2-Chlorotoluene	5.00	4.60		ug/L		92	65 - 135
4-Chlorotoluene	5.00	4.66		ug/L		93	65 - 135
cis-1,2-Dichloroethene	5.00	4.77		ug/L		95	65 - 135
cis-1,3-Dichloropropene	5.00	4.75		ug/L		95	65 - 135
Dibromochloromethane	5.00	4.50		ug/L		90	65 - 135
1,3-Dichlorobenzene	5.00	4.58		ug/L		92	65 - 135
1,2-Dichlorobenzene	5.00	4.61		ug/L		92	65 - 135
1,4-Dichlorobenzene	5.00	4.66		ug/L		93	65 - 135
1,1-Dichloroethane	5.00	5.00		ug/L		100	65 - 135
1,2-Dichloroethane	5.00	5.05		ug/L		101	65 - 135
1,1-Dichloroethene	5.00	4.64		ug/L		93	65 - 136
1,2-Dichloropropane	5.00	4.86		ug/L		97	64 - 135
2,2-Dichloropropane	5.00	4.56		ug/L		91	65 - 135
1,3-Dichloropropane	5.00	4.97		ug/L		99	64 - 135
1,1-Dichloropropene	5.00	5.34		ug/L		107	65 - 135

TestAmerica Sacramento

QC Sample Results

Client: Environmental Resource Group, Inc.
 Project/Site: Bentley Mall, Fairbanks - Soil Vapor & G

TestAmerica Job ID: 320-16330-1

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

Lab Sample ID: LCS 280-307768/4

Matrix: Water

Analysis Batch: 307768

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylbenzene	5.00	4.63		ug/L		93	65 - 135
Freon 12	5.00	5.02		ug/L		100	43 - 142
Freon-113	5.00	4.51		ug/L		90	65 - 140
Hexachlorobutadiene	5.00	4.89		ug/L		98	65 - 135
Isopropylbenzene	5.00	4.86		ug/L		97	65 - 135
Methylene Chloride	5.00	5.02		ug/L		100	54 - 141
Methyl tert-butyl ether	5.00	4.79	J	ug/L		96	54 - 135
m-Xylene & p-Xylene	5.00	4.68		ug/L		94	65 - 135
Naphthalene	5.00	3.35		ug/L		67	42 - 135
n-Butylbenzene	5.00	4.73		ug/L		95	64 - 135
o-Xylene	5.00	4.69		ug/L		94	65 - 135
p-Isopropyltoluene	5.00	4.73		ug/L		95	65 - 135
Propylbenzene	5.00	4.63		ug/L		93	65 - 135
sec-Butylbenzene	5.00	4.67		ug/L		93	64 - 135
tert-Butylbenzene	5.00	4.66		ug/L		93	65 - 135
1,1,2,2-Tetrachloroethane	5.00	4.83		ug/L		97	58 - 135
Tetrachloroethene	5.00	4.85		ug/L		97	65 - 135
Toluene	5.00	4.90		ug/L		98	65 - 135
1,2-Trans-dichloroethene	5.00	4.89		ug/L		98	65 - 135
trans-1,3-Dichloropropene	5.00	5.13		ug/L		103	65 - 135
1,2,4-Trichlorobenzene	5.00	4.12		ug/L		82	58 - 135
1,2,3-Trichlorobenzene	5.00	4.08		ug/L		82	60 - 135
1,1,1-Trichloroethane	5.00	4.77		ug/L		95	65 - 135
1,1,2-Trichloroethane	5.00	4.95		ug/L		99	64 - 135
Trichloroethene	5.00	4.86		ug/L		97	65 - 135
Trichlorofluoromethane	5.00	4.99		ug/L		100	53 - 137
1,2,4-Trimethylbenzene	5.00	4.61		ug/L		92	65 - 135
1,3,5-Trimethylbenzene	5.00	4.71		ug/L		94	65 - 135
Vinyl chloride	5.00	4.83		ug/L		97	40 - 137

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		78 - 120
Dibromofluoromethane (Surr)	106		77 - 120
1,2-Dichloroethane-d4 (Surr)	114		70 - 127
Toluene-d8 (Surr)	99		80 - 125

Lab Sample ID: MB 280-307846/6

Matrix: Water

Analysis Batch: 307846

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	1.9	ug/L			12/15/15 20:54	1
Benzene	ND		1.0	0.16	ug/L			12/15/15 20:54	1
Bromobenzene	ND		1.0	0.17	ug/L			12/15/15 20:54	1
Bromochloromethane	ND		1.0	0.10	ug/L			12/15/15 20:54	1
Bromodichloromethane	ND		1.0	0.17	ug/L			12/15/15 20:54	1
Bromoform	ND		1.0	0.19	ug/L			12/15/15 20:54	1
Bromomethane	ND		2.0	0.21	ug/L			12/15/15 20:54	1

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QC Sample Results

Client: Environmental Resource Group, Inc.
 Project/Site: Bentley Mall, Fairbanks - Soil Vapor & G

TestAmerica Job ID: 320-16330-1

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

Lab Sample ID: MB 280-307846/6
Matrix: Water
Analysis Batch: 307846

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	ND		6.0	2.0	ug/L			12/15/15 20:54	1
Carbon disulfide	ND		2.0	0.45	ug/L			12/15/15 20:54	1
Carbon tetrachloride	ND		1.0	0.19	ug/L			12/15/15 20:54	1
Chlorobenzene	ND		1.0	0.17	ug/L			12/15/15 20:54	1
Chloroethane	ND		2.0	0.41	ug/L			12/15/15 20:54	1
Chloroform	ND		1.0	0.16	ug/L			12/15/15 20:54	1
Chloromethane	ND		2.0	0.30	ug/L			12/15/15 20:54	1
2-Chlorotoluene	ND		1.0	0.17	ug/L			12/15/15 20:54	1
4-Chlorotoluene	ND		1.0	0.21	ug/L			12/15/15 20:54	1
cis-1,2-Dichloroethene	ND		1.0	0.15	ug/L			12/15/15 20:54	1
cis-1,3-Dichloropropene	ND		1.0	0.16	ug/L			12/15/15 20:54	1
Dibromochloromethane	ND		1.0	0.17	ug/L			12/15/15 20:54	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.47	ug/L			12/15/15 20:54	1
1,2-Dibromoethane	ND		1.0	0.18	ug/L			12/15/15 20:54	1
Dibromomethane	ND		1.0	0.17	ug/L			12/15/15 20:54	1
1,3-Dichlorobenzene	ND		1.0	0.13	ug/L			12/15/15 20:54	1
1,2-Dichlorobenzene	ND		1.0	0.15	ug/L			12/15/15 20:54	1
1,4-Dichlorobenzene	ND		1.0	0.16	ug/L			12/15/15 20:54	1
1,1-Dichloroethane	ND		1.0	0.22	ug/L			12/15/15 20:54	1
1,2-Dichloroethane	ND		1.0	0.13	ug/L			12/15/15 20:54	1
1,1-Dichloroethene	ND		1.0	0.23	ug/L			12/15/15 20:54	1
1,2-Dichloropropane	ND		1.0	0.18	ug/L			12/15/15 20:54	1
2,2-Dichloropropane	ND		1.0	0.18	ug/L			12/15/15 20:54	1
1,3-Dichloropropane	ND		1.0	0.22	ug/L			12/15/15 20:54	1
1,1-Dichloropropene	ND		1.0	0.19	ug/L			12/15/15 20:54	1
Ethylbenzene	ND		1.0	0.16	ug/L			12/15/15 20:54	1
Freon 12	ND		2.0	0.31	ug/L			12/15/15 20:54	1
Freon-113	ND		3.0	0.42	ug/L			12/15/15 20:54	1
Hexachlorobutadiene	ND		1.0	0.36	ug/L			12/15/15 20:54	1
Hexane	ND		2.0	0.42	ug/L			12/15/15 20:54	1
2-Hexanone	ND		5.0	1.7	ug/L			12/15/15 20:54	1
Isopropylbenzene	ND		1.0	0.19	ug/L			12/15/15 20:54	1
Methylene Chloride	ND		2.0	0.32	ug/L			12/15/15 20:54	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	0.98	ug/L			12/15/15 20:54	1
Methyl tert-butyl ether	ND		5.0	0.25	ug/L			12/15/15 20:54	1
m-Xylene & p-Xylene	ND		2.0	0.34	ug/L			12/15/15 20:54	1
Naphthalene	ND		1.0	0.22	ug/L			12/15/15 20:54	1
n-Butylbenzene	ND		1.0	0.32	ug/L			12/15/15 20:54	1
o-Xylene	ND		1.0	0.19	ug/L			12/15/15 20:54	1
p-Isopropyltoluene	ND		1.0	0.20	ug/L			12/15/15 20:54	1
Propylbenzene	ND		1.0	0.16	ug/L			12/15/15 20:54	1
sec-Butylbenzene	ND		1.0	0.17	ug/L			12/15/15 20:54	1
Styrene	ND		1.0	0.17	ug/L			12/15/15 20:54	1
tert-Butylbenzene	ND		1.0	0.16	ug/L			12/15/15 20:54	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/15/15 20:54	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/15/15 20:54	1
Tetrachloroethene	ND		1.0	0.20	ug/L			12/15/15 20:54	1
Toluene	ND		1.0	0.17	ug/L			12/15/15 20:54	1

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QC Sample Results

Client: Environmental Resource Group, Inc.
 Project/Site: Bentley Mall, Fairbanks - Soil Vapor & G

TestAmerica Job ID: 320-16330-1

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

Lab Sample ID: MB 280-307846/6
Matrix: Water
Analysis Batch: 307846

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Trans-dichloroethene	ND		1.0	0.15	ug/L			12/15/15 20:54	1
trans-1,3-Dichloropropene	ND		3.0	0.19	ug/L			12/15/15 20:54	1
1,2,4-Trichlorobenzene	ND		1.0	0.21	ug/L			12/15/15 20:54	1
1,2,3-Trichlorobenzene	ND		1.0	0.21	ug/L			12/15/15 20:54	1
1,1,1-Trichloroethane	ND		1.0	0.16	ug/L			12/15/15 20:54	1
1,1,2-Trichloroethane	ND		1.0	0.27	ug/L			12/15/15 20:54	1
Trichloroethene	ND		1.0	0.16	ug/L			12/15/15 20:54	1
Trichlorofluoromethane	ND		2.0	0.29	ug/L			12/15/15 20:54	1
1,2,3-Trichloropropane	ND		2.5	0.33	ug/L			12/15/15 20:54	1
1,2,4-Trimethylbenzene	ND		1.0	0.15	ug/L			12/15/15 20:54	1
1,3,5-Trimethylbenzene	ND		1.0	0.16	ug/L			12/15/15 20:54	1
Vinyl acetate	ND		3.0	0.94	ug/L			12/15/15 20:54	1
Vinyl chloride	ND		1.0	0.10	ug/L			12/15/15 20:54	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		78 - 120		12/15/15 20:54	1
Dibromofluoromethane (Surr)	107		77 - 120		12/15/15 20:54	1
1,2-Dichloroethane-d4 (Surr)	111		70 - 127		12/15/15 20:54	1
Toluene-d8 (Surr)	94		80 - 125		12/15/15 20:54	1

Lab Sample ID: LCS 280-307846/4
Matrix: Water
Analysis Batch: 307846

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	5.00	5.06		ug/L		101	65 - 135
Bromobenzene	5.00	4.72		ug/L		94	65 - 135
Bromochloromethane	5.00	5.22		ug/L		104	65 - 135
Bromodichloromethane	5.00	4.94		ug/L		99	65 - 135
Bromoform	5.00	4.54		ug/L		91	62 - 135
Bromomethane	5.00	3.85		ug/L		77	45 - 135
Carbon tetrachloride	5.00	5.85		ug/L		117	65 - 135
Chlorobenzene	5.00	4.71		ug/L		94	65 - 135
Chloroethane	5.00	4.41		ug/L		88	46 - 136
Chloroform	5.00	5.15		ug/L		103	65 - 135
Chloromethane	5.00	3.87		ug/L		77	34 - 145
2-Chlorotoluene	5.00	4.99		ug/L		100	65 - 135
4-Chlorotoluene	5.00	4.90		ug/L		98	65 - 135
cis-1,2-Dichloroethene	5.00	4.83		ug/L		97	65 - 135
cis-1,3-Dichloropropene	5.00	5.01		ug/L		100	65 - 135
Dibromochloromethane	5.00	4.62		ug/L		92	65 - 135
1,3-Dichlorobenzene	5.00	4.78		ug/L		96	65 - 135
1,2-Dichlorobenzene	5.00	4.74		ug/L		95	65 - 135
1,4-Dichlorobenzene	5.00	4.56		ug/L		91	65 - 135
1,1-Dichloroethane	5.00	4.97		ug/L		99	65 - 135
1,2-Dichloroethane	5.00	5.70		ug/L		114	65 - 135
1,1-Dichloroethene	5.00	4.30		ug/L		86	65 - 136
1,2-Dichloropropane	5.00	5.27		ug/L		105	64 - 135

TestAmerica Sacramento

QC Sample Results

Client: Environmental Resource Group, Inc.
 Project/Site: Bentley Mall, Fairbanks - Soil Vapor & G

TestAmerica Job ID: 320-16330-1

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

Lab Sample ID: LCS 280-307846/4
Matrix: Water
Analysis Batch: 307846

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,2-Dichloropropane	5.00	5.48		ug/L		110	65 - 135
1,3-Dichloropropane	5.00	4.61		ug/L		92	64 - 135
1,1-Dichloropropene	5.00	5.99		ug/L		120	65 - 135
Ethylbenzene	5.00	4.59		ug/L		92	65 - 135
Freon 12	5.00	4.20		ug/L		84	43 - 142
Freon-113	5.00	4.50		ug/L		90	65 - 140
Hexachlorobutadiene	5.00	4.86		ug/L		97	65 - 135
Isopropylbenzene	5.00	4.98		ug/L		100	65 - 135
Methylene Chloride	5.00	4.40		ug/L		88	54 - 141
Methyl tert-butyl ether	5.00	4.75	J	ug/L		95	54 - 135
m-Xylene & p-Xylene	5.00	4.51		ug/L		90	65 - 135
Naphthalene	5.00	4.88		ug/L		98	42 - 135
n-Butylbenzene	5.00	4.73		ug/L		95	64 - 135
o-Xylene	5.00	4.49		ug/L		90	65 - 135
p-Isopropyltoluene	5.00	5.08		ug/L		102	65 - 135
Propylbenzene	5.00	5.03		ug/L		101	65 - 135
sec-Butylbenzene	5.00	4.93		ug/L		99	64 - 135
tert-Butylbenzene	5.00	5.00		ug/L		100	65 - 135
1,1,2,2-Tetrachloroethane	5.00	4.66		ug/L		93	58 - 135
Tetrachloroethene	5.00	4.69		ug/L		94	65 - 135
Toluene	5.00	4.87		ug/L		97	65 - 135
1,2-Trans-dichloroethene	5.00	4.62		ug/L		92	65 - 135
trans-1,3-Dichloropropene	5.00	6.12		ug/L		122	65 - 135
1,2,4-Trichlorobenzene	5.00	4.70		ug/L		94	58 - 135
1,2,3-Trichlorobenzene	5.00	4.49		ug/L		90	60 - 135
1,1,1-Trichloroethane	5.00	5.19		ug/L		104	65 - 135
1,1,2-Trichloroethane	5.00	4.73		ug/L		95	64 - 135
Trichloroethene	5.00	4.80		ug/L		96	65 - 135
Trichlorofluoromethane	5.00	4.81		ug/L		96	53 - 137
1,2,4-Trimethylbenzene	5.00	4.78		ug/L		96	65 - 135
1,3,5-Trimethylbenzene	5.00	4.83		ug/L		97	65 - 135
Vinyl chloride	5.00	4.25		ug/L		85	40 - 137

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		78 - 120
Dibromofluoromethane (Surr)	99		77 - 120
1,2-Dichloroethane-d4 (Surr)	102		70 - 127
Toluene-d8 (Surr)	94		80 - 125

Lab Sample ID: MB 280-308050/6
Matrix: Water
Analysis Batch: 308050

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	1.9	ug/L			12/17/15 13:07	1
Benzene	ND		1.0	0.16	ug/L			12/17/15 13:07	1
Bromobenzene	ND		1.0	0.17	ug/L			12/17/15 13:07	1
Bromochloromethane	ND		1.0	0.10	ug/L			12/17/15 13:07	1

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QC Sample Results

Client: Environmental Resource Group, Inc.
 Project/Site: Bentley Mall, Fairbanks - Soil Vapor & G

TestAmerica Job ID: 320-16330-1

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

Lab Sample ID: MB 280-308050/6
Matrix: Water
Analysis Batch: 308050

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromodichloromethane	ND		1.0	0.17	ug/L			12/17/15 13:07	1
Bromoform	ND		1.0	0.19	ug/L			12/17/15 13:07	1
Bromomethane	ND		2.0	0.21	ug/L			12/17/15 13:07	1
2-Butanone (MEK)	ND		6.0	2.0	ug/L			12/17/15 13:07	1
Carbon disulfide	ND		2.0	0.45	ug/L			12/17/15 13:07	1
Carbon tetrachloride	ND		1.0	0.19	ug/L			12/17/15 13:07	1
Chlorobenzene	ND		1.0	0.17	ug/L			12/17/15 13:07	1
Chloroethane	ND		2.0	0.41	ug/L			12/17/15 13:07	1
Chloroform	ND		1.0	0.16	ug/L			12/17/15 13:07	1
Chloromethane	ND		2.0	0.30	ug/L			12/17/15 13:07	1
2-Chlorotoluene	ND		1.0	0.17	ug/L			12/17/15 13:07	1
4-Chlorotoluene	ND		1.0	0.21	ug/L			12/17/15 13:07	1
cis-1,2-Dichloroethene	ND		1.0	0.15	ug/L			12/17/15 13:07	1
cis-1,3-Dichloropropene	ND		1.0	0.16	ug/L			12/17/15 13:07	1
Dibromochloromethane	ND		1.0	0.17	ug/L			12/17/15 13:07	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.47	ug/L			12/17/15 13:07	1
1,2-Dibromoethane	ND		1.0	0.18	ug/L			12/17/15 13:07	1
Dibromomethane	ND		1.0	0.17	ug/L			12/17/15 13:07	1
1,3-Dichlorobenzene	ND		1.0	0.13	ug/L			12/17/15 13:07	1
1,2-Dichlorobenzene	ND		1.0	0.15	ug/L			12/17/15 13:07	1
1,4-Dichlorobenzene	ND		1.0	0.16	ug/L			12/17/15 13:07	1
1,1-Dichloroethane	ND		1.0	0.22	ug/L			12/17/15 13:07	1
1,2-Dichloroethane	ND		1.0	0.13	ug/L			12/17/15 13:07	1
1,1-Dichloroethene	ND		1.0	0.23	ug/L			12/17/15 13:07	1
1,2-Dichloropropane	ND		1.0	0.18	ug/L			12/17/15 13:07	1
2,2-Dichloropropane	ND		1.0	0.18	ug/L			12/17/15 13:07	1
1,3-Dichloropropane	ND		1.0	0.22	ug/L			12/17/15 13:07	1
1,1-Dichloropropene	ND		1.0	0.19	ug/L			12/17/15 13:07	1
Ethylbenzene	ND		1.0	0.16	ug/L			12/17/15 13:07	1
Freon 12	ND		2.0	0.31	ug/L			12/17/15 13:07	1
Freon-113	ND		3.0	0.42	ug/L			12/17/15 13:07	1
Hexachlorobutadiene	ND		1.0	0.36	ug/L			12/17/15 13:07	1
Hexane	ND		2.0	0.42	ug/L			12/17/15 13:07	1
2-Hexanone	ND		5.0	1.7	ug/L			12/17/15 13:07	1
Isopropylbenzene	ND		1.0	0.19	ug/L			12/17/15 13:07	1
Methylene Chloride	ND		2.0	0.32	ug/L			12/17/15 13:07	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	0.98	ug/L			12/17/15 13:07	1
Methyl tert-butyl ether	ND		5.0	0.25	ug/L			12/17/15 13:07	1
m-Xylene & p-Xylene	ND		2.0	0.34	ug/L			12/17/15 13:07	1
Naphthalene	ND		1.0	0.22	ug/L			12/17/15 13:07	1
n-Butylbenzene	ND		1.0	0.32	ug/L			12/17/15 13:07	1
o-Xylene	ND		1.0	0.19	ug/L			12/17/15 13:07	1
p-Isopropyltoluene	ND		1.0	0.20	ug/L			12/17/15 13:07	1
Propylbenzene	ND		1.0	0.16	ug/L			12/17/15 13:07	1
sec-Butylbenzene	ND		1.0	0.17	ug/L			12/17/15 13:07	1
Styrene	ND		1.0	0.17	ug/L			12/17/15 13:07	1
tert-Butylbenzene	ND		1.0	0.16	ug/L			12/17/15 13:07	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/17/15 13:07	1

TestAmerica Sacramento

QC Sample Results

Client: Environmental Resource Group, Inc.
 Project/Site: Bentley Mall, Fairbanks - Soil Vapor & G

TestAmerica Job ID: 320-16330-1

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

Lab Sample ID: MB 280-308050/6
Matrix: Water
Analysis Batch: 308050

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	ND		1.0	0.21	ug/L			12/17/15 13:07	1
Tetrachloroethene	ND		1.0	0.20	ug/L			12/17/15 13:07	1
Toluene	ND		1.0	0.17	ug/L			12/17/15 13:07	1
1,2-Trans-dichloroethene	ND		1.0	0.15	ug/L			12/17/15 13:07	1
trans-1,3-Dichloropropene	ND		3.0	0.19	ug/L			12/17/15 13:07	1
1,2,4-Trichlorobenzene	ND		1.0	0.21	ug/L			12/17/15 13:07	1
1,2,3-Trichlorobenzene	ND		1.0	0.21	ug/L			12/17/15 13:07	1
1,1,1-Trichloroethane	ND		1.0	0.16	ug/L			12/17/15 13:07	1
1,1,2-Trichloroethane	ND		1.0	0.27	ug/L			12/17/15 13:07	1
Trichloroethene	ND		1.0	0.16	ug/L			12/17/15 13:07	1
Trichlorofluoromethane	ND		2.0	0.29	ug/L			12/17/15 13:07	1
1,2,3-Trichloropropane	ND		2.5	0.33	ug/L			12/17/15 13:07	1
1,2,4-Trimethylbenzene	ND		1.0	0.15	ug/L			12/17/15 13:07	1
1,3,5-Trimethylbenzene	ND		1.0	0.16	ug/L			12/17/15 13:07	1
Vinyl acetate	ND		3.0	0.94	ug/L			12/17/15 13:07	1
Vinyl chloride	ND		1.0	0.10	ug/L			12/17/15 13:07	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		78 - 120		12/17/15 13:07	1
Dibromofluoromethane (Surr)	100		77 - 120		12/17/15 13:07	1
1,2-Dichloroethane-d4 (Surr)	97		70 - 127		12/17/15 13:07	1
Toluene-d8 (Surr)	101		80 - 125		12/17/15 13:07	1

Lab Sample ID: LCS 280-308050/4
Matrix: Water
Analysis Batch: 308050

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	5.00	4.97		ug/L		99	65 - 135
Bromobenzene	5.00	4.91		ug/L		98	65 - 135
Bromochloromethane	5.00	4.77		ug/L		95	65 - 135
Bromodichloromethane	5.00	4.84		ug/L		97	65 - 135
Bromoform	5.00	4.35		ug/L		87	62 - 135
Bromomethane	5.00	3.51		ug/L		70	45 - 135
Carbon tetrachloride	5.00	4.86		ug/L		97	65 - 135
Chlorobenzene	5.00	4.94		ug/L		99	65 - 135
Chloroethane	5.00	3.55		ug/L		71	46 - 136
Chloroform	5.00	5.03		ug/L		101	65 - 135
Chloromethane	5.00	3.27		ug/L		65	34 - 145
2-Chlorotoluene	5.00	4.91		ug/L		98	65 - 135
4-Chlorotoluene	5.00	4.92		ug/L		98	65 - 135
cis-1,2-Dichloroethene	5.00	4.82		ug/L		96	65 - 135
cis-1,3-Dichloropropene	5.00	5.07		ug/L		101	65 - 135
Dibromochloromethane	5.00	4.49		ug/L		90	65 - 135
1,3-Dichlorobenzene	5.00	4.85		ug/L		97	65 - 135
1,2-Dichlorobenzene	5.00	4.79		ug/L		96	65 - 135
1,4-Dichlorobenzene	5.00	4.89		ug/L		98	65 - 135
1,1-Dichloroethane	5.00	5.07		ug/L		101	65 - 135

TestAmerica Sacramento

QC Sample Results

Client: Environmental Resource Group, Inc.
 Project/Site: Bentley Mall, Fairbanks - Soil Vapor & G

TestAmerica Job ID: 320-16330-1

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

Lab Sample ID: LCS 280-308050/4

Matrix: Water

Analysis Batch: 308050

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichloroethane	5.00	4.94		ug/L		99	65 - 135
1,1-Dichloroethene	5.00	4.70		ug/L		94	65 - 136
1,2-Dichloropropane	5.00	4.92		ug/L		98	64 - 135
2,2-Dichloropropane	5.00	4.45		ug/L		89	65 - 135
1,3-Dichloropropane	5.00	5.23		ug/L		105	64 - 135
1,1-Dichloropropene	5.00	5.24		ug/L		105	65 - 135
Ethylbenzene	5.00	4.87		ug/L		97	65 - 135
Freon 12	5.00	3.63		ug/L		73	43 - 142
Freon-113	5.00	4.56		ug/L		91	65 - 140
Hexachlorobutadiene	5.00	4.47		ug/L		89	65 - 135
Isopropylbenzene	5.00	4.98		ug/L		100	65 - 135
Methylene Chloride	5.00	5.21		ug/L		104	54 - 141
Methyl tert-butyl ether	5.00	4.57	J	ug/L		91	54 - 135
m-Xylene & p-Xylene	5.00	4.88		ug/L		98	65 - 135
Naphthalene	5.00	3.41		ug/L		68	42 - 135
n-Butylbenzene	5.00	4.60		ug/L		92	64 - 135
o-Xylene	5.00	4.94		ug/L		99	65 - 135
p-Isopropyltoluene	5.00	4.71		ug/L		94	65 - 135
Propylbenzene	5.00	4.74		ug/L		95	65 - 135
sec-Butylbenzene	5.00	4.61		ug/L		92	64 - 135
tert-Butylbenzene	5.00	4.76		ug/L		95	65 - 135
1,1,2,2-Tetrachloroethane	5.00	5.16		ug/L		103	58 - 135
Tetrachloroethene	5.00	4.84		ug/L		97	65 - 135
Toluene	5.00	4.96		ug/L		99	65 - 135
1,2-Trans-dichloroethene	5.00	5.01		ug/L		100	65 - 135
trans-1,3-Dichloropropene	5.00	5.11		ug/L		102	65 - 135
1,2,4-Trichlorobenzene	5.00	4.18		ug/L		84	58 - 135
1,2,3-Trichlorobenzene	5.00	4.18		ug/L		84	60 - 135
1,1,1-Trichloroethane	5.00	4.77		ug/L		95	65 - 135
1,1,2-Trichloroethane	5.00	4.90		ug/L		98	64 - 135
Trichloroethene	5.00	4.88		ug/L		98	65 - 135
Trichlorofluoromethane	5.00	3.86		ug/L		77	53 - 137
1,2,4-Trimethylbenzene	5.00	4.89		ug/L		98	65 - 135
1,3,5-Trimethylbenzene	5.00	4.91		ug/L		98	65 - 135
Vinyl chloride	5.00	3.36		ug/L		67	40 - 137

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		78 - 120
Dibromofluoromethane (Surr)	99		77 - 120
1,2-Dichloroethane-d4 (Surr)	101		70 - 127
Toluene-d8 (Surr)	99		80 - 125

QC Association Summary

Client: Environmental Resource Group, Inc.
 Project/Site: Bentley Mall, Fairbanks - Soil Vapor & G

TestAmerica Job ID: 320-16330-1

GC/MS VOA

Analysis Batch: 307591

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-16330-1	US-MW-2	Total/NA	Water	8260B	
320-16330-2	US-MW-5	Total/NA	Water	8260B	
320-16330-3	US-MW-7	Total/NA	Water	8260B	
320-16330-3 MS	US-MW-7	Total/NA	Water	8260B	
320-16330-3 MSD	US-MW-7	Total/NA	Water	8260B	
320-16330-4	US-MW-8	Total/NA	Water	8260B	
320-16330-5	US-MW-9	Total/NA	Water	8260B	
320-16330-6	US-MW-10	Total/NA	Water	8260B	
320-16330-7	TSN-MW1	Total/NA	Water	8260B	
320-16330-8	GVEA-MW-6	Total/NA	Water	8260B	
320-16330-9	GVEA-MW-7	Total/NA	Water	8260B	
320-16330-10	ZEHNDER	Total/NA	Water	8260B	
320-16330-11	FAIR-2	Total/NA	Water	8260B	
320-16330-13	FAIR-5	Total/NA	Water	8260B	
320-16330-14	NC-MW-5	Total/NA	Water	8260B	
320-16330-15	NC-MW-10	Total/NA	Water	8260B	
320-16330-16	NC-MW-11	Total/NA	Water	8260B	
320-16330-19	DUP1	Total/NA	Water	8260B	
320-16330-20	DUP2	Total/NA	Water	8260B	
320-16330-21	TRIP BLANK	Total/NA	Water	8260B	
LCS 280-307591/4	Lab Control Sample	Total/NA	Water	8260B	
MB 280-307591/6	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 307768

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-16330-12	FAIR-3	Total/NA	Water	8260B	
LCS 280-307768/4	Lab Control Sample	Total/NA	Water	8260B	
MB 280-307768/6	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 307846

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-16330-18	BM-MW-8	Total/NA	Water	8260B	
LCS 280-307846/4	Lab Control Sample	Total/NA	Water	8260B	
MB 280-307846/6	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 308050

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-16330-17	BM-MW-1	Total/NA	Water	8260B	
LCS 280-308050/4	Lab Control Sample	Total/NA	Water	8260B	
MB 280-308050/6	Method Blank	Total/NA	Water	8260B	

Lab Chronicle

Client: Environmental Resource Group, Inc.
 Project/Site: Bentley Mall, Fairbanks - Soil Vapor & G

TestAmerica Job ID: 320-16330-1

Client Sample ID: US-MW-2

Date Collected: 12/02/15 15:37

Date Received: 12/05/15 09:45

Lab Sample ID: 320-16330-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	10 mL	20 mL	307591	12/14/15 17:11	TAW	TAL DEN

Client Sample ID: US-MW-5

Date Collected: 12/02/15 14:41

Date Received: 12/05/15 09:45

Lab Sample ID: 320-16330-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	10 mL	20 mL	307591	12/14/15 17:32	TAW	TAL DEN

Client Sample ID: US-MW-7

Date Collected: 12/02/15 13:14

Date Received: 12/05/15 09:45

Lab Sample ID: 320-16330-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	307591	12/14/15 10:56	TAW	TAL DEN

Client Sample ID: US-MW-8

Date Collected: 12/01/15 15:52

Date Received: 12/05/15 09:45

Lab Sample ID: 320-16330-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	307591	12/14/15 11:58	TAW	TAL DEN

Client Sample ID: US-MW-9

Date Collected: 12/02/15 14:10

Date Received: 12/05/15 09:45

Lab Sample ID: 320-16330-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	307591	12/14/15 14:24	TAW	TAL DEN

Client Sample ID: US-MW-10

Date Collected: 12/01/15 15:28

Date Received: 12/05/15 09:45

Lab Sample ID: 320-16330-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	307591	12/14/15 12:19	TAW	TAL DEN

TestAmerica Sacramento

Lab Chronicle

Client: Environmental Resource Group, Inc.
 Project/Site: Bentley Mall, Fairbanks - Soil Vapor & G

TestAmerica Job ID: 320-16330-1

Client Sample ID: TSN-MW1

Lab Sample ID: 320-16330-7

Date Collected: 12/01/15 14:09

Matrix: Water

Date Received: 12/05/15 09:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	307591	12/14/15 12:40	TAW	TAL DEN

Client Sample ID: GVEA-MW-6

Lab Sample ID: 320-16330-8

Date Collected: 12/02/15 11:52

Matrix: Water

Date Received: 12/05/15 09:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	307591	12/14/15 14:45	TAW	TAL DEN

Client Sample ID: GVEA-MW-7

Lab Sample ID: 320-16330-9

Date Collected: 12/02/15 12:16

Matrix: Water

Date Received: 12/05/15 09:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	307591	12/14/15 15:06	TAW	TAL DEN

Client Sample ID: ZEHNDER

Lab Sample ID: 320-16330-10

Date Collected: 12/02/15 11:30

Matrix: Water

Date Received: 12/05/15 09:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	307591	12/14/15 15:27	TAW	TAL DEN

Client Sample ID: FAIR-2

Lab Sample ID: 320-16330-11

Date Collected: 12/03/15 11:28

Matrix: Water

Date Received: 12/05/15 09:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	307591	12/14/15 15:48	TAW	TAL DEN

Client Sample ID: FAIR-3

Lab Sample ID: 320-16330-12

Date Collected: 12/03/15 10:46

Matrix: Water

Date Received: 12/05/15 09:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	10 mL	20 mL	307768	12/15/15 16:48	TAW	TAL DEN

TestAmerica Sacramento

Lab Chronicle

Client: Environmental Resource Group, Inc.
Project/Site: Bentley Mall, Fairbanks - Soil Vapor & G

TestAmerica Job ID: 320-16330-1

Client Sample ID: FAIR-5

Date Collected: 12/01/15 11:05

Date Received: 12/05/15 09:45

Lab Sample ID: 320-16330-13

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	307591	12/14/15 13:01	TAW	TAL DEN

Client Sample ID: NC-MW-5

Date Collected: 12/01/15 12:13

Date Received: 12/05/15 09:45

Lab Sample ID: 320-16330-14

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	307591	12/14/15 13:22	TAW	TAL DEN

Client Sample ID: NC-MW-10

Date Collected: 12/01/15 12:48

Date Received: 12/05/15 09:45

Lab Sample ID: 320-16330-15

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	1 mL	20 mL	307591	12/14/15 13:43	TAW	TAL DEN

Client Sample ID: NC-MW-11

Date Collected: 12/01/15 13:21

Date Received: 12/05/15 09:45

Lab Sample ID: 320-16330-16

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	307591	12/14/15 14:04	TAW	TAL DEN

Client Sample ID: BM-MW-1

Date Collected: 12/03/15 09:16

Date Received: 12/05/15 09:45

Lab Sample ID: 320-16330-17

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	2 mL	20 mL	308050	12/17/15 14:09	TAW	TAL DEN

Client Sample ID: BM-MW-8

Date Collected: 12/03/15 15:28

Date Received: 12/05/15 09:45

Lab Sample ID: 320-16330-18

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	307846	12/16/15 04:30	BBB	TAL DEN

TestAmerica Sacramento

Lab Chronicle

Client: Environmental Resource Group, Inc.
Project/Site: Bentley Mall, Fairbanks - Soil Vapor & G

TestAmerica Job ID: 320-16330-1

Client Sample ID: DUP1

Date Collected: 12/01/15 09:00

Date Received: 12/05/15 09:45

Lab Sample ID: 320-16330-19

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	307591	12/14/15 16:29	TAW	TAL DEN

Client Sample ID: DUP2

Date Collected: 12/02/15 09:00

Date Received: 12/05/15 09:45

Lab Sample ID: 320-16330-20

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	307591	12/14/15 16:50	TAW	TAL DEN

Client Sample ID: TRIP BLANK

Date Collected: 12/01/15 07:00

Date Received: 12/05/15 09:45

Lab Sample ID: 320-16330-21

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	307591	12/14/15 10:14	TAW	TAL DEN

Laboratory References:

TAL DEN = TestAmerica Denver, 4955 Yarrow Street, Arvada, CO 80002, TEL (303)736-0100

Certification Summary

Client: Environmental Resource Group, Inc.
 Project/Site: Bentley Mall, Fairbanks - Soil Vapor & G

TestAmerica Job ID: 320-16330-1

Laboratory: TestAmerica Sacramento

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Alaska (UST)	State Program	10	UST-055	12-18-16
Oregon	NELAP	10	CA200005	01-29-16

Laboratory: TestAmerica Denver

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
A2LA	DoD ELAP		2907.01	10-31-17
A2LA	ISO/IEC 17025		2907.01	10-31-17
Alabama	State Program	4	40730	09-30-12 *
Alaska (UST)	State Program	10	UST-30	04-05-16
Arizona	State Program	9	AZ0713	12-19-16
Arkansas DEQ	State Program	6	88-0687	06-01-16
California	State Program	9	2513	08-31-16
Connecticut	State Program	1	PH-0686	09-30-16
Florida	NELAP	4	E87667	06-30-16
Georgia	State Program	4	N/A	01-09-17
Illinois	NELAP	5	200017	04-30-16
Iowa	State Program	7	370	11-30-16
Kansas	NELAP	7	E-10166	04-30-16
Louisiana	NELAP	6	02096	06-30-16
Maine	State Program	1	CO0002	03-03-17
Minnesota	NELAP	5	8-999-405	12-31-15
Nevada	State Program	9	CO0026	07-31-16
New Hampshire	NELAP	1	205310	04-28-16
New Jersey	NELAP	2	CO004	06-30-16
New York	NELAP	2	11964	04-01-16
North Carolina (WW/SW)	State Program	4	358	12-31-16
North Dakota	State Program	8	R-034	01-09-16
Oklahoma	State Program	6	8614	08-31-16
Oregon	NELAP	10	4025	01-09-17
Pennsylvania	NELAP	3	68-00664	07-31-16
South Carolina	State Program	4	72002001	01-09-16
Texas	NELAP	6	T104704183-15-11	09-30-16
USDA	Federal		P330-13-00202	07-02-16
Utah	NELAP	8	CO00026	07-31-16
Virginia	NELAP	3	460232	06-14-16
Washington	State Program	10	C583	08-03-16
West Virginia DEP	State Program	3	354	11-30-16
Wisconsin	State Program	5	999615430	08-31-16
Wyoming (UST)	A2LA	8	2907.01	12-31-15

* Certification renewal pending - certification considered valid.

Method Summary

Client: Environmental Resource Group, Inc.
Project/Site: Bentley Mall, Fairbanks - Soil Vapor & G

TestAmerica Job ID: 320-16330-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL DEN

Protocol References:

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

Laboratory References:

TAL DEN = TestAmerica Denver, 4955 Yarrow Street, Arvada, CO 80002, TEL (303)736-0100



Sample Summary

Client: Environmental Resource Group, Inc.
Project/Site: Bentley Mall, Fairbanks - Soil Vapor & G

TestAmerica Job ID: 320-16330-1

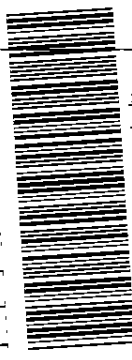
Lab Sample ID	Client Sample ID	Matrix	Collected	Received
320-16330-1	US-MW-2	Water	12/02/15 15:37	12/05/15 09:45
320-16330-2	US-MW-5	Water	12/02/15 14:41	12/05/15 09:45
320-16330-3	US-MW-7	Water	12/02/15 13:14	12/05/15 09:45
320-16330-4	US-MW-8	Water	12/01/15 15:52	12/05/15 09:45
320-16330-5	US-MW-9	Water	12/02/15 14:10	12/05/15 09:45
320-16330-6	US-MW-10	Water	12/01/15 15:28	12/05/15 09:45
320-16330-7	TSN-MW1	Water	12/01/15 14:09	12/05/15 09:45
320-16330-8	GVEA-MW-6	Water	12/02/15 11:52	12/05/15 09:45
320-16330-9	GVEA-MW-7	Water	12/02/15 12:16	12/05/15 09:45
320-16330-10	ZEHNDER	Water	12/02/15 11:30	12/05/15 09:45
320-16330-11	FAIR-2	Water	12/03/15 11:28	12/05/15 09:45
320-16330-12	FAIR-3	Water	12/03/15 10:46	12/05/15 09:45
320-16330-13	FAIR-5	Water	12/01/15 11:05	12/05/15 09:45
320-16330-14	NC-MW-5	Water	12/01/15 12:13	12/05/15 09:45
320-16330-15	NC-MW-10	Water	12/01/15 12:48	12/05/15 09:45
320-16330-16	NC-MW-11	Water	12/01/15 13:21	12/05/15 09:45
320-16330-17	BM-MW-1	Water	12/03/15 09:16	12/05/15 09:45
320-16330-18	BM-MW-8	Water	12/03/15 15:28	12/05/15 09:45
320-16330-19	DUP1	Water	12/01/15 09:00	12/05/15 09:45
320-16330-20	DUP2	Water	12/02/15 09:00	12/05/15 09:45
320-16330-21	TRIP BLANK	Water	12/01/15 07:00	12/05/15 09:45

TestAmerica Seattle
5755 8th Street E.
Tacoma, WA 98424
Tel. 253-922-2310
Fax 253-922-5047
www.testamericainc.com

Rush
 Short Hold

Chain of Custody Record

Client: **ERG** Chain of Custody Number: **15283**
 Address: **1038 Redwood Hwy, Suite 1** Date: **12/3/2015**
 City: **MILL VALLEY** State: **CA** Zip Code: **94941** Lab Number: **1** of **2**
 Project Name and Location (State): **BENTLEY MALL / FAIRBANKS, AK**
 Contract/Purchase Order/Quote No.:

Sample I.D. and Location/Description (Containers for each sample may be combined on one line)	Date	Time	Matrix					Containers & Preservatives					Analysis (Attach list if more space is needed)	Special Instructions/ Conditions of Receipt
			Air	Aqueous	Soil	Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH			
US-MW-2	12/2/2015	1537	X							X				 320-16330 Chain of Custody
US-MW-5	12/2/2015	1441	X							X				
US-MW-7	12/2/2015	1314	X							X				
US-MW-8	12/1/2015	1552	X							X				
US-MW-9	12/2/2015	1410	X							X				
US-MW-10	12/1/2015	1528	X							X				
TSN-MW1	12/1/2015	1409	X							X				
GVEA-MW-6	12/02/2015	1152	X							X				
GVEA-MW-7	12/02/2015	1216	X							X				
Zehnder	12/02/2015	1130	X							X				
FAIR-2	12/03/2015	1128	X							X				
FAIR-3	12/03/2015	1046	X							X				

Client Contact: **BEH WELLS** Telephone Number (Area Code)/Fax Number: **415-381-6574**
 Sampler: **DUSTIN STAHL / JMS** Lab Contact: **DUSTIN STAHL / BAZELHOVER**
 Billing Contact:

Sample Disposal: Disposal By Lab Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)
 Return To Client Unknown Poison B Skin Irritant Flammable Non-Hazard Possible Hazard Identification

QC Requirements (Specify): **LABEL II**
 1. Received By Sign/Print: **[Signature]** Date: **12/4/15** Time: **10:00**
 2. Received By Sign/Print: **[Signature]** Date: **12-5-15** Time: **9:45**
 3. Received By Sign/Print: **[Signature]** Date: _____ Time: _____

Turn Around Time Required (business days): 24 Hours 48 Hours 5 Days 10 Days 15 Days Other

Reinquisitioned By Sign/Print: **Dustin Stahl** / **DUSTIN STAHL** Date: **12/3/15** Time: **1730**
 2. Reinquisitioned By Sign/Print: **[Signature]** Date: **12/4/15** Time: **12:06**
 3. Reinquisitioned By Sign/Print: _____ Date: _____ Time: _____

Comments: ***Rend 1 vial Broken @ 12/5/15**



Rush
 Short Hold

Chain of Custody Record

Client: **ERG** Chain of Custody Number: **15281**
 Address: **1038 REDWOOD HWY, SUITE 1** Date: **12/3/2015**
 City: **MILL VALLEY CA 94941** Lab Number: **2 of 2**
 Project Name and Location (State): **BENTLEY MALL / FAIRBANKS, AK**
 Contract/Purchase Order/Quote No.: **035/106**

Sample I.D. and Location/Description (Containers for each sample may be combined on one line)	Date	Time	Matrix			Containers & Preservatives						Analysis (Attach list if more space is needed)	Special Instructions/ Conditions of Receipt	
			Air	Aqueous	Sed.	Soil	Unpres	H2SO4	HNO3	HCl	NaOH			ZnAc/NaOH
FAIR-5	12/1/15	1105	X									X		
NC-MW-5	12/1/15	1213	X									X		
NC-MW-10	12/1/15	1248	X									X		
NC-MW-11	12/1/15	1321	X									X		
BM-MW-1	12/3/15	0916	X									X		
BM-MW-8	12/3/15	1528	X									X		
DUP1	12/1/15	0900	X									X		
DUP2	12/2/15	0900	X									X		
TRIP BLANK	12/1/15	0700	X									X		

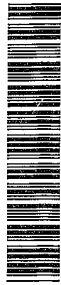
Client Contact: **BEN WELLS** Telephone Number (Area Code)/Fax Number: **415-381-6574**
 Sampler: **035/106** Billing Contact:
 Sample Disposal: Disposal By Lab Return To Client Archive For _____ Months
 (A fee may be assessed if samples are retained longer than 1 month)

QC Requirements (Specify): **LEVEL II**
 1. Received By Sign/Print: *[Signature]* Date: **12/4/15** Time: **10:00**
 2. Received By Sign/Print: *[Signature]* Date: **12-5-15** Time: **9:45**
 3. Relinquished By Sign/Print: *[Signature]* Date: _____ Time: _____

Comments: **checked label broken at 12/5/15**
DISTRIBUTION: WHITE - Stays with the Samples; CANARY - Returned to Client with Report; PINK - Field Copy



Chain of Custody Record



Client Information (Sub Contract Lab) Client Contact: Shipping/Receiving Company: TestAmerica Laboratories, Inc. Address: 4955 Yarrow Street, Arvada, CO, 80002 Phone: 303-736-0100 (Tel) 303-431-7171 (Fax) Email:		Lab PII: Kellmann, Jill E-Mail: jill.kellmann@testamericainc.com Project Name: Bentley Mail, Fairbanks - Soil Vapor & G Site:		Sampler: Kellmann, Jill Phone: jill.kellmann@testamericainc.com Due Date Requested: 12/17/2015 TAT Requested (days): PO #: WO #: Project #: 32007201 SSOW#:		Carrier Tracking No(s): OOC No: 320-60237.1 Page: Page 1 of 2 Job #: 320-16330-1					
Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=wastefoil)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	226B/603B (MDD) VOCs, Standard List	Analysis Requested	Preservation Codes:	Special Instructions/Note:	
US-MW-2 (320-16330-1)	12/2/15	15:37 Alaskan	Water	Water	X	X			M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2S2O3 S - H2SO4 G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other:		
US-MW-5 (320-16330-2)	12/2/15	14:41 Alaskan	Water	Water	X	X					
US-MW-7 (320-16330-3)	12/2/15	13:14 Alaskan	Water	Water	X	X					
US-MW-8 (320-16330-4)	12/1/15	15:52 Alaskan	Water	Water	X	X					
US-MW-9 (320-16330-5)	12/2/15	14:10 Alaskan	Water	Water	X	X					
US-MW-10 (320-16330-6)	12/1/15	15:28 Alaskan	Water	Water	X	X					
TSN-MW1 (320-16330-7)	12/1/15	14:09 Alaskan	Water	Water	X	X					
GVEA-MW-6 (320-16330-8)	12/2/15	11:52 Alaskan	Water	Water	X	X					
GVEA-MW-7 (320-16330-9)	12/2/15	12:16 Alaskan	Water	Water	X	X					
ZEHNDER (320-16330-10)	12/2/15	11:30 Alaskan	Water	Water	X	X					
FAIR-2 (320-16330-11)	12/3/15	11:28 Alaskan	Water	Water	X	X					
Possible Hazard Identification Unconfirmed Deliverable Requested: I, II, III, IV, Other (specify)											
Relinquished by: <i>[Signature]</i> Date/Time: 12/15 1600 Company:		Relinquished by: <i>[Signature]</i> Date/Time: 12/15 930 Company:		Relinquished by: <i>[Signature]</i> Date/Time: 12/15 930 Company:		Relinquished by: <i>[Signature]</i> Date/Time: 12/15 930 Company:		Relinquished by: <i>[Signature]</i> Date/Time: 12/15 930 Company:		Relinquished by: <i>[Signature]</i> Date/Time: 12/15 930 Company:	
Custody Seals Intact Δ Yes Δ No		Custody Seal No.:		Cooler Temperature(s) to and Other Remarks:		Cooler Temperature(s) to and Other Remarks:		Cooler Temperature(s) to and Other Remarks:		Cooler Temperature(s) to and Other Remarks:	



Chain of Custody Record

Client Information (Sub Contract Lab)		Lab P#:		Kellmann, Jill		Carter Tracking No(s):		320-60237.2	
Client Contact:		Phone:		E-Mail:		Page:		Page 2 of 2	
Shipping/Receiving		Company:		jill.kellmann@testamerica.com		Job #:		320-16330-1	
Address:		TestAmerica Laboratories, Inc.		Due Date Requested:		Analysis Requested		Preservation Codes:	
City:		Arvada		12/17/2015				M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2S2O3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 L - EDTA Z - other (specify)	
State, Zip:		CO, 80002		TAT Requested (days):				Other:	
Phone:		303-736-0100(Tel) 303-431-7171(Fax)		PO #:					
Email:				WO #:					
Project Name:		Benitey Mall, Fairbanks - Soil Vapor & G		Project #:		32007201			
Site:				SSOW#:					
Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=soil, O=wastewater, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B/6030B (MD) VOCs Standard List	Total Number of Containers	Special Instructions/Note:
FAIR-3 (320-16330-12)	12/3/15	10:46 Alaskan	Water	Water	X	X	X	3	
FAIR-5 (320-16330-13)	12/1/15	11:05 Alaskan	Water	Water	X	X	X	3	
NC-MW-5 (320-16330-14)	12/1/15	12:13 Alaskan	Water	Water	X	X	X	3	
NC-MW-10 (320-16330-15)	12/1/15	12:48 Alaskan	Water	Water	X	X	X	3	
NC-MW-11 (320-16330-16)	12/1/15	13:21 Alaskan	Water	Water	X	X	X	3	
BM-MW-1 (320-16330-17)	12/3/15	09:16 Alaskan	Water	Water	X	X	X	3	
BM-MW-8 (320-16330-18)	12/3/15	15:28 Alaskan	Water	Water	X	X	X	3	
DUP1 (320-16330-19)	12/1/15	09:00 Alaskan	Water	Water	X	X	X	3	
DUP2 (320-16330-20)	12/2/15	09:00 Alaskan	Water	Water	X	X	X	3	
TRIP BLANK (320-16330-21)	12/1/15	07:00 Alaskan	Water	Water	X	X	X	3	
Possible Hazard Identification									
Unconfirmed									
Deliverable Requested: I, II, III, IV, Other (specify)									
Empty Kit Relinquished by:									
Relinquished by: <i>[Signature]</i> Date: 12/9/15 1600									
Relinquished by: <i>[Signature]</i> Date: 12/10/15 930									
Relinquished by: <i>[Signature]</i> Date: <i>[Blank]</i>									
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No									
Custody Seal No.:									
Cooler Temperature(s) °C and Other Remarks:									

Login Sample Receipt Checklist

Client: Environmental Resource Group, Inc.

Job Number: 320-16330-1

Login Number: 16330
List Number: 1
Creator: Nelson, Kym D

List Source: TestAmerica Sacramento

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	647350
Sample custody seals, if present, are 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	
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	Refer to Job Narrative for details.
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
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	

Login Sample Receipt Checklist

Client: Environmental Resource Group, Inc.

Job Number: 320-16330-1

Login Number: 16330
List Number: 2
Creator: Muniz, Ashley T

List Source: TestAmerica Denver
List Creation: 12/10/15 05:19 PM

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	False	Not present, tape intact
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	
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?	N/A	Received project as a subcontract.
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.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



APPENDIX B: FIELD SHEETS

Monitor Well Data Sheet

Site Name: BENTLEY OFFSITE / US TRAVEL	Well/Sample ID: US - MW - 2
Location: OLD STEESE	Initial Depth to Water (DTW): 10.43
Client: ERG / BENTLEY	Total Well Depth (TD): 18.49
Sampler: DJS / JDB	Well Diameter: 2"
Date: 12/2/2015	Purge Method: Low Flow / PERISTALTIC (LF/P)
	Sample Method: (P)

Time	ph	SC	DO	Temp (C)	ORP	DTW (feet)	Cumulative Volume	Observations
1513	7.83	10	19.51	10.68	-91.4	10.43	0.9	0.3L/MIN
1516	7.76	8	21.77	9.26	-79.4	10.50	1.8	
1519	7.54	8	24.99	8.23	-82.9	10.50	2.7	
1522	7.55	8	27.15	7.95	-88.3	10.46	3.6	
1525	7.60	8	29.44	7.80	-97.2	10.43	4.5	
1528	7.67	8	31.78	7.66	-104.9	10.43	5.4	
1531	7.60	8	33.51	7.64	-107.3	10.43	6.3	
1534	7.59	8	36.38	7.65	-112.1	10.43	7.2	
1537	7.51	8	36.41	7.69	-115.1	10.43	8.1	

Did Well Dewater?		Start Purge Time:	1510	DTW prior to sample:	10.4
Odor?	NO	Stop Purge Time:	1537	Start Sample Time:	1538
Color	CLEAR			Total Sample Volume:	8 40ml/x3

Notes: OUTDOOR TEMPS IN THE 0-5°F RANGE - THIS AND ALL OTHER SAMPLES HAD EXTERNAL SUPPLIED HEAT TO THE PUMP AND FLOW THROUGH CELL (PROPANE HEATERS) TO PREVENT FREEZE UP STABLE TEMPS UNDER THESE CONDITIONS MAY NOT BE POSSIBLE (PROPANE HEATER TURNED OFF FOR SAMPLING)

DESIGNATED w [*AH] = APPLIED HEAT IN FUTURE NOTES

Monitor Well Data Sheet

Site Name: BENTLEY OFFSITE / USTRAVEL	Well/Sample ID: US-MW-5
Location: OLD STEESE	Initial Depth to Water (DTW): 10.42
Client: BENTLEY / ERG	Total Well Depth (TD): 17.33
Sampler: DJS / JGG	Well Diameter: 2"
Date: 12/2/2015	Purge Method: LF/P
	Sample Method: P

Time	ph	SC	DO	Temp (C)	ORP	DTW (feet)	Cumulative Volume	Observations
1432	7.57	8	18.73	9.84	-141.8	10.45	0.9	0.3L/MIN
1435	7.44	7	20.76	8.47	-134.3	10.42	1.8	
1338	7.51	7	21.46	7.86	-128.6	10.42	2.7	
1441	7.53	7	21.81	7.27	-126.7	10.42	3.6	

Did Well Dewater?		Start Purge Time:	1429		DTW prior to sample:	10.42
Odor? YES/SEWER		Stop Purge Time:	1441		Start Sample Time:	1442
Color	TAN				Total Sample Volume:	40mL X 3

Notes: [X AH] - SEE PAGE 1

Monitor Well Data Sheet

Site Name: BENTLEY OFFSITE / US TRAVEL	Well/Sample ID: US - MW - 7
Location:	Initial Depth to Water (DTW): 10.34
Client: BENTLEY / ERG	Total Well Depth (TD): 18.14
Sampler: DIS / JGG	Well Diameter: 2"
Date: 12/2/2015	Purge Method: LF/P
	Sample Method: P

Time	ph	SC	DO	Temp (C)	ORP	DTW (feet)	Cumulative Volume	Observations
1247	8.18	8	23.11	6.34	-38.7	10.38	0.9	0.3L/min
1256	8.08	8	22.69	6.13	-33.5	10.34	1.8	
1253	7.95	8	23.69	5.85	-28.2	10.34	2.7	
1256	7.90	8	24.99	5.49	-23.9	10.34	3.6	
1259	7.86	8	27.13	5.40	-20.4	10.34	4.5	
1302	7.83	8	29.99	5.35	-17.8	10.34	5.4	
1305	7.84	8	31.48	5.35	-17.7	10.34	6.3	
1308	7.84	8	33.58	5.37	-61.0	10.34	7.2	
1311	7.84	8	35.20	5.39	-77.7	10.34	8.1	
1314	7.82	8	35.89	5.39	-61.3	10.34	9.0	

Did Well Dewater?		Start Purge Time:	1244	DTW prior to sample:	10.34
Odor?	NO	Stop Purge Time:	1314	Start Sample Time:	1314
Color	CLEAR			Total Sample Volume:	3x 40ml

Notes: [*AH]

Monitor Well Data Sheet

Site Name: BENTLEY OFFSITE / US TRAVEL	Well/Sample ID: US-MW8
Location: US TRAVEL / FLORIST PARKING AREA	Initial Depth to Water (DTW): 13.86
Client: BENTLEY / ERG	Total Well Depth (TD): 18.62
Sampler: DJS / JDB	Well Diameter: 2"
Date: 12/1/2015	Purge Method: LF/P
	Sample Method: p

Time	ph	SC	DO	Temp (C)	ORP	DTW (feet)	Cumulative Volume	Observations
1534	7.49	11	40.57	2.44	-114.0	13.87	0.9	0.3 L/min
1537	7.78	672	3.72	3.27	-103.0	13.86	1.8	
1540	7.66	669	2.11	3.45	-84.7	13.86	2.7	
1543	7.61	670	1.80	3.46	-83.6	13.86	3.6	
1546	7.59	673	1.53	3.27	-81.3	13.86	4.5	
1549	7.55	674	1.48	3.23	-78.7	13.86	5.4	
1552	7.49	678	1.50	3.20	-75.9	13.86	6.3	

Did Well Dewater?		Start Purge Time:	1531	DTW prior to sample:	13.86
Odor?	No	Stop Purge Time:	1552	Start Sample Time:	1552
Color	CLEAR			Total Sample Volume:	3x40mL

Notes: [*AH]

Monitor Well Data Sheet

Site Name: BENTLEY OFFSITE USTRAVEL	Well/Sample ID: US-MW-9
Location: BENTLEY+	Initial Depth to Water (DTW): 12.69
Client: BENTLEY/ERG	Total Well Depth (TD): 19.39
Sampler: DJS/JDG	Well Diameter: 2"
Date: 12/2/2015	Purge Method: LF/P
	Sample Method: P

Time	ph	SC	DO	Temp (C)	ORP	DTW (feet)	Cumulative Volume	Observations
1358	7.88	8	15.89	9.63	-38.3	12.69	0.9	0.3 L/m
1401	7.83	8	18.18	7.72	-18.0	12.69	1.8	
1404	7.50	8	18.43	7.49	-15.3	12.69	2.7	
1407	7.55	8	18.95	6.93	-9.5	12.69	3.6	
1410	7.62	8	19.11	6.73	-8.3	12.69	4.5	

Did Well Dewater?		Start Purge Time:	1355	DTW prior to sample:	12.69
Odor?	No	Stop Purge Time:	1410	Start Sample Time:	1410
Color	CLEAR			Total Sample Volume:	3x40mL

Notes: [X Aff]

6

Monitor Well Data Sheet

Site Name: BENTLEY OFFSITE / US TRAVEL	Well/Sample ID: US-MW-10
Location: OLD STEESE	Initial Depth to Water (DTW): 13.50
Client: BENTLEY / ERG	Total Well Depth (TD): 18.75
Sampler: DJS JDG	Well Diameter: 2
Date: 12/1/2015	Purge Method: LF/P
	Sample Method: P

Time	ph	SC	DO	Temp (C)	ORP	DTW (feet)	Cumulative Volume	Observations
1516	7.40	9	22.16	4.88	-76.7	13.50	0.9	0.32/min
1519	7.45	10	22.13	5.28	-77.4	13.50	1.8	
1522	7.48	10	24.72	5.64	-77.6	13.50	2.7	
1525	7.48	10	26.65	6.08	-77.7	13.50	3.5	
1528	7.47	10	26.88	6.09	-77.0	13.50	4.5	

Did Well Dewater?		Start Purge Time:	1513	DTW prior to sample:	13.50
Odor?	NO	Stop Purge Time:		Start Sample Time:	1528
Color	CLEAR			Total Sample Volume:	3X40ML

Notes: [AH]

Monitor Well Data Sheet

Site Name: <u>BENTLEY OFFSITE / TESORO NORTH</u>	Well/Sample ID: <u>TSN-MW-1</u>
Location: <u>OLD STEESE</u>	Initial Depth to Water (DTW): <u>13.93</u>
Client: <u>BENTLEY/ERG</u>	Total Well Depth (TD): <u>18.50</u>
Sampler: <u>DJS/JDG</u>	Well Diameter: <u>4"</u>
Date: <u>12/1/2015</u>	Purge Method: <u>LF/P</u>
	Sample Method: <u>P</u>

Time	ph	SC	DO	Temp (C)	ORP	DTW (feet)	Cumulative Volume	Observations
1400	7.62	16	19.07	5.70	-118.4	13.93	0.3	0.3/min
1403	7.55	15	19.23	5.07	-119.3	13.93	1.2	
1406	7.50	15	19.19	4.50	-129.7	13.93	2.1	
1409	7.52	15	18.92	4.22	-135.8	13.93	3.0	

Did Well Dewater?		Start Purge Time:	<u>1359</u>	DTW prior to sample:	<u>13.93</u>
Odor?		Stop Purge Time:	<u>1409</u>	Start Sample Time:	<u>1409</u>
Color				Total Sample Volume:	<u>(3x40mL) x 2</u>

Notes: (DUPLICATE #1)

*[AH]

Monitor Well Data Sheet

Site Name: BENTLEY MALL OFFSITE / GVEA	Well/Sample ID: GVEA-MW-6
Location: ILLINOIS ST	Initial Depth to Water (DTW): 15.16
Client: BENTLEY / ERG	Total Well Depth (TD): 22.34
Sampler: DJS / JAG	Well Diameter: 2"
Date: 12/2/2015	Purge Method: LF/P
	Sample Method: φ

Time	ph	SC	DO	Temp (C)	ORP	DTW (feet)	Cumulative Volume	Observations
1140	7.47	9	21.03	9.51	20.7	15.16	0.6	0:34m
1143	7.42	8	19.91	8.25	15.0	15.16	1.5	
1146	7.55	8	19.61	7.47	3.8	15.16	2.4	
1148 1149	7.49	8	19.09	7.49	-3.0	15.16	3.3	
1152	7.60	8	19.07	7.57	-4.5	15.16	4.2	

Did Well Dewater?		Start Purge Time:	1038	DTW prior to sample:	15.16
Odor?	NO	Stop Purge Time:	1152	Start Sample Time:	1152
Color	CLEAR			Total Sample Volume:	(40ml x 3) X 2

Notes: [* AH] DUPLICATE # 2

Monitor Well Data Sheet

Site Name: BENTLEY OFFSITE / GVEA	Well/Sample ID: GVEA-MW-7
Location: GVEA BACK LOT	Initial Depth to Water (DTW): 15.92
Client: BENTLEY / ERG	Total Well Depth (TD): 19.41
Sampler: DJS/JDG	Well Diameter: 2"
Date: 12/2/2015	Purge Method: LF/P
	Sample Method: f

Time	ph	SC	DO	Temp (C)	ORP	DTW (feet)	Cumulative Volume	Observations
1201	7.81	10	21.80	8.28	-25.8	15.94	0.9	
1204	7.61	10	24.52	6.99	-17.4	15.94	1.8	
1207	7.67	10	26.54	6.49	-12.6	15.92	2.7	
1210	7.71	10	28.34	6.04	-7.5	15.92	3.6	
1213	7.73	10	29.09	5.90	-8.7	15.92	4.5	
1216	7.72	10	29.93	5.80	-6.0	15.92	5.4	

Did Well Dewater?		Start Purge Time:	1158	DTW prior to sample:	15.92
Odor?	NO	Stop Purge Time:		Start Sample Time:	1216
Color	CLEAR			Total Sample Volume:	3x40ml

Notes: * [AH]

Monitor Well Data Sheet

Site Name: BENTLEY OFFSITE / GVEA	Well/Sample ID: Zehnder
Location: GVEA LOT	Initial Depth to Water (DTW): 16.28
Client: BENTLEY/ERG	Total Well Depth (TD): 24.27
Sampler: DJS/JOG	Well Diameter: 2"
Date: 12/2/2015	Purge Method: LF/P
	Sample Method: p

Time	ph	SC	DO	Temp (C)	ORP	DTW (feet)	Cumulative Volume	Observations
1121	7.87	10	21.23	5.02	-24.8	16.28	0.9	0.3L/min
1124	7.85	9	23.25	4.36	-16.7	16.28	1.8	
1127	7.82	9	24.05	4.16	-12.5	16.28	2.7	
1130	7.81	9	24.70	4.10	-10.0	16.28	3.6	

Did Well Dewater?		Start Purge Time:	1118	DTW prior to sample:	16.28
Odor?	NONE	Stop Purge Time:	1130	Start Sample Time:	1130
Color	CLEAR			Total Sample Volume:	3x40ml

Notes: * [AH]

Monitor Well Data Sheet

Site Name: BENTLEY OFFSITE / FAIR	Well/Sample ID: FAIR-2
Location: SLOUGH STREET	Initial Depth to Water (DTW): 10.35
Client: BENTLEY / ERG	Total Well Depth (TD): 19.39
Sampler: DJS / JOG	Well Diameter: 2"
Date: 12/3/2015	Purge Method: LF/P
	Sample Method: P

Time	ph	SC	DO	Temp (C)	ORP	DTW (feet)	Cumulative Volume	Observations
1119	7.74	9	22.58	9.21	18.9	10.36	0.9	0.3L/min
1122	7.95	8	22.91	8.59	22.6	10.35	1.8	
1125	8.00	8	22.83	8.07	24.6	10.35	2.7	
1128	7.84	8	22.46	7.73	25.8	10.35	3.6	

Did Well Dewater?		Start Purge Time:	1214	DTW prior to sample:	10.35 10.00 DJS
Odor?	NO	Stop Purge Time:	1128	Start Sample Time:	1128
Color	CLEAR			Total Sample Volume:	3x40ml

Notes:

Monitor Well Data Sheet

Site Name: BENTLEY OFFSITE / FAIR	Well/Sample ID: FAIR-3
Location: WELL STREET	Initial Depth to Water (DTW): 12.75
Client: BENTLEY / ERG	Total Well Depth (TD): 19.21
Sampler: DJS / JGG	Well Diameter: 2"
Date: 12/3/2015	Purge Method: LF/P
	Sample Method: P

Time	ph	SC	DO	Temp (C)	ORP	DTW (feet)	Cumulative Volume	Observations
1019	8.28	8	17.37	4.13	18.2	12.78	0.9	0.3L/min
1022	8.21	8	18.58	3.94	18.6	12.75	1.8	
1025	8.23	8	20.65	3.92	19.8	12.75	2.7	
1028	8.23	8	21.77	4.02	20.7	12.75	3.6	
1031	8.22	8	23.48	4.15	21.8	12.75	4.5	
1034	8.21	8	25.67	4.36	22.9	12.75	5.4	
1037	8.21	8	27.00	4.51	23.6	12.75	6.3	
1040	8.18	8	29.23	4.74	24.1	12.75	7.2	
1043	8.19	8	30.01	4.98	25.2	12.75	8.1	
1046	8.17	8	31.12	5.17	25.9	12.75	9.0	

Did Well Dewater?		Start Purge Time:	1016	DTW prior to sample:	12.75
Odor?	NONE	Stop Purge Time:	1046	Start Sample Time:	1046
Color	CLEAR			Total Sample Volume:	(3740ml)

Notes: [AH]*

Monitor Well Data Sheet

Site Name: BENTLEY OFFSITE / FAIR	Well/Sample ID: FAIR-5
Location:	Initial Depth to Water (DTW): 12.88
Client: BENTLEY / ERG	Total Well Depth (TD): 18.80
Sampler: DJS / JGG	Well Diameter: 2"
Date: 12/1/2015	Purge Method: LF/P
	Sample Method: p

Time	ph	SC	DO	Temp (C)	ORP	DTW (feet)	Cumulative Volume	Observations
10:48	8.78	793	30.70	3.44	161.7	12.91	0.9	
1056	8.00	809	21.17	3.48	146.2	12.88	1.8	
1059	7.65	809	19.94	3.46	141.8	12.88	2.7	
1102	7.51	811	18.63	3.54	136.4	12.88	3.6	
1105	7.43	812	18.00	3.63	131.4	12.88	4.5	

Did Well Dewater?		Start Purge Time:	1045		DTW prior to sample:	12.88
Odor?	NO	Stop Purge Time:	1105		Start Sample Time:	1105
Color	CLEAR				Total Sample Volume:	3x 40ml

Notes: * [AH]

Monitor Well Data Sheet

Site Name: BENTLEY OFFSITE / NC MACHINE	Well/Sample ID: NC-MW-5
Location: OLD STEESE	Initial Depth to Water (DTW): 14.05
Client: BENTLEY/ERG	Total Well Depth (TD): 18.45
Sampler: DSS/JDG	Well Diameter: 2'
Date: 12/1/2015	Purge Method: LF/P
	Sample Method: P

Time	ph	SC	DO	Temp (C)	ORP	DTW (feet)	Cumulative Volume	Observations
1201	7.82	14	27.34	9.06	94.0	14.05	0.9	0.31/m
1204	7.79	14	17.31	8.05	90.6	14.05	1.8	
1207	7.76	^{DSS} 13	16.34	7.68	88.8	14.05	2.7	
1210	7.73	13	16.62	7.03	88.0	14.05	3.6	
1213	7.74	13	16.85	6.91	87.8	14.05	4.5	

Did Well Dewater?		Start Purge Time:	1158	DTW prior to sample:	14.05
Odor?	NO	Stop Purge Time:	1213	Start Sample Time:	1213
Color	CLEAR			Total Sample Volume:	3x40ml

Notes: TEMP NOT STABLE ADDED HEAT TO KEEP PUMP FROM FREEZING (BELOW 0° OUTDOOR TEMP)

[*AM]

Monitor Well Data Sheet

Site Name: BENTLEY OFFSITE / NC MACHINE	Well/Sample ID: NC-MW-10
Location: OLD STEESE	Initial Depth to Water (DTW): 13.70
Client: BENTLEY/ERG	Total Well Depth (TD): 16.76
Sampler: DJS/JDG	Well Diameter: 2"
Date: 12/1/2015	Purge Method: LF/P
	Sample Method: p

Time	ph	SC	DO	Temp (C)	ORP	DTW (feet)	Cumulative Volume	Observations
1236	7.71	15	27.01	6.98	-246.6	13.71	0.9	0.3L/min
1239	7.74	13	21.15	6.44	-237.3	13.70	1.8	
1242	7.72	14	20.70	6.15	-234.6	13.70	2.7	
1245	7.70	14	20.53	6.05	-234.0	13.70	3.6	
1248	7.70	14	20.49	5.98	-229.2	13.70	4.5	

Did Well Dewater?		Start Purge Time:	1233		DTW prior to sample:	13.70
Odor?	No	Stop Purge Time:	1248		Start Sample Time:	1248
Color	CLEAR				Total Sample Volume:	3x40ml

Notes: [*AH]

Monitor Well Data Sheet

Site Name: BENTLEY MALL OFFSITE / NC MACHINE	Well/Sample ID: NC-MW-11
Location:	Initial Depth to Water (DTW): 13.30
Client: BENTLEY/ERG	Total Well Depth (TD): 19.47
Sampler: DJS/JDG	Well Diameter: 2"
Date: 12/1/15	Purge Method: LF/P
	Sample Method: P

Time	ph	SC	DO	Temp (C)	ORP	DTW (feet)	Cumulative Volume	Observations
1311	7.43	12	24.01	5.26	-137.3	13.30	0.9	0.32/mw
1315	7.44	12	22.10	5.06	-138.8	13.30	1.8	
1318	7.41	12	22.02 21.27	4.99	-139.8	13.30	2.7	
1321	7.43	12	20.54	4.94	-140.7	13.30	3.6	

Did Well Dewater?		Start Purge Time:	1308	DTW prior to sample:	13.30
Odor?	NONE	Stop Purge Time:	1321	Start Sample Time:	1321
Color	CLEAR			Total Sample Volume:	3x 40ml

Notes: * [AH]

Monitor Well Data Sheet

Site Name: BENTLEY MALL	Well/Sample ID: BENTLEY MALL (BM-MW-1)
Location: BENTLEY MALL	Initial Depth to Water (DTW): 15.44
Client: BENTLEY MALL/ERG	Total Well Depth (TD): 19.23
Sampler: DIS/IDG	Well Diameter: 2"
Date: 12/3/2015	Purge Method: LF/P
	Sample Method: P

Time	ph	SC	DO	Temp (C)	ORP	DTW (feet)	Cumulative Volume	Observations
0907	7.67	10	19.35	8.83	62.5	15.44	0.9	0.34/min
0910	7.72	9	17.80	8.24	57.7	15.44	1.8	
0913	7.76	9	17.20	7.91	54.4	15.44	2.7	
0916	7.77	9	16.69	7.68	54.3	15.44	3.8	

Did Well Dewater?		Start Purge Time:	0904	DTW prior to sample:	15.44
Odor?	NO	Stop Purge Time:	0916	Start Sample Time:	0916
Color	CLEAR			Total Sample Volume:	3 x 40ml

Notes: *[AH]

Monitor Well Data Sheet

Site Name: BENTLEY MALL	Well/Sample ID: BM-MW-8
Location: MONROE HS	Initial Depth to Water (DTW): 11.95
Client: BENTLEY / ERG	Total Well Depth (TD): 19.94
Sampler: DJS / JDG	Well Diameter: 2"
Date: 12/3/2015	Purge Method: LF/P
	Sample Method: ϕ

Time	ph	SC	DO	Temp (C)	ORP	DTW (feet)	Cumulative Volume	Observations
1519	7.81	11	20.33	10.68	-40.0	11.96	0.9	0.3L/min
1522	7.50	9	21.77	8.82	-32.7	11.95	1.8	
1525	7.66	9	21.77	7.73	-29.0	11.95	2.7	
1528	7.44	9	20.99	7.25	-25.9	11.95	3.6	

Did Well Dewater?		Start Purge Time:	1516	DTW prior to sample:	11.95
Odor?	NO	Stop Purge Time:	1528	Start Sample Time:	1528
Color	CLEAR			Total Sample Volume:	3.6

Notes: * [AH]

APPENDIX C: MONITOR WELL SURVEY



MONITOR WELL SURVEY

Fairbanks, Alaska

<u>WELL GROUP</u>	<u>WELL ID</u>	<u>ALASKA STATE PLANE</u>		<u>NAVD88 ELEVATION</u>		
		<u>NORTHING</u>	<u>EASTING</u>	<u>PVC PIPE</u>	<u>GROUND</u>	
US TRAVEL	US-MW-2	3968000.96	1374945.35	440.92	441.5	
	US-MW-5	3968066.49	1374999.15	440.90	441.2	
	US-MW-7	3968040.43	1374580.82	440.65	440.9	
	US-MW-8	3968194.63	1374824.55	444.21	444.8	
	US-MW-9	3968024.33	1374706.10	443.08	443.7	
	US-MW-10	3968138.05	1374740.79	443.90	444.3	
	GVEA	GVEA-MW-6	3969727.78	1373021.16	444.64	445.0
		GVEA-MW-7	3970228.83	1373172.45	445.38	443.0
	FAIR	ZEHNDER	3970426.85	1372725.83	445.62	443.1
		FAIR-2	3967585.83	1373102.09	439.57	439.8
FAIR-3		3968215.64	1373979.16	442.67	443.4	
NC MACHINERY	FAIR-5	3968650.07	1374936.49	443.40	443.8	
	NC-MW-3	3969419.54	1376678.74	444.90	445.0	
	NC-MW-5	3969314.19	1376860.89	445.38	445.8	
	NC-MW-10	3969504.07	1376951.19	445.14	445.6	
BENTLEY MALL	NC-MW-11	3969461.89	1376572.04	443.84	445.0	
	BM-MW-1	3968802.33	1375863.73	446.55	446.7	
	BM-MW-2	3968843.16	1375711.63	446.14	446.3	
	BM-MW-3	3968845.70	1375708.45	445.87	446.3	
	BM-MW-4	3968953.67	1375712.01	444.28	444.7	
	BM-MW-5	3969118.40	1374819.90	447.89	446.3	
	BM-MW-6	3969124.45	1374818.59	447.69	445.8	
	BM-MW-7	3969410.57	1374417.21	449.80	447.4	
	BM-MW-8	3969218.39	1373663.25	441.62	442.2	
	BM-MW-9	3969203.76	1374201.91	441.47	442.4	
	BM-MW-10	3968967.07	1374612.88	442.90	444.0	
	BM-MW-11	3968941.18	1374060.37	441.83	442.7	
	BM-MW-12	3968917.64	1375316.66	445.83	446.2	
BM-MW-13	3968766.05	1375576.75	446.14	446.4		
Tesoro North	TSN-MW-1	3968643.15	1376236.23	445.01	445.7	

Surveyed December 1-4, 2015

Prepared For Environmental Resource Group, Inc.