TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Chicago
2417 Bond Street
University Park, IL 60484
Tel: (708)534-5200

TestAmerica Job ID: 500-112994-1
Client Project/Site: Central Wire

For:
Autumnwood Consultants
6539 Autumnwood Court
Mount Pleasant, Wisconsin 53403

Attn: Mr. John Thorsen

Authorized for release by:
6/20/2016 1:10:45 PM

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LINKS

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

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

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

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Case Narrative

Client: Autumnwood Consultants
Project/Site: Central Wire

TestAmerica Job ID: 500-112994-1

Job ID: 500-112994-1

Laboratory: TestAmerica Chicago

Narrative

Job Narrative
500-112994-1

Comments
No additional comments.

Receipt
The samples were received on 6/15/2016 10:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.9º C.

GC/MS VOA
Method(s) 8260B: The following samples were collected in properly preserved vials for analysis of volatile organic compounds (VOCs). The pH, however, was outside the required criteria when verified by the laboratory: GP-3S (500-112994-1), GP-17I (500-112994-8), GP-18D (500-112994-11), GP-22D (500-112994-14), GP-22I (500-112994-15), GP-22S (500-112994-16) and GP-25I (500-112994-17). The samples were analyzed within 7 days per EPA recommendation, therefore, no further corrective action was needed.

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

Detection Summary

Client: Autumnwood Consultants
Project/Site: Central Wire

TestAmerica Job ID: 500-112994-1

Client Sample ID: GP-3S — Lab Sample ID: 500-112994-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	0.0045		0.0010	0.00039	mg/L	1		8260B	Total/NA
Acetone	0.0058		0.0050	0.0017	mg/L	1		8260B	Total/NA
1,1-Dichloroethane	0.0027		0.0010	0.00041	mg/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	0.0025		0.0010	0.00041	mg/L	1		8260B	Total/NA
1,1,1-Trichloroethane	0.049		0.0010	0.00038	mg/L	1		8260B	Total/NA
Trichloroethene	0.021		0.00050	0.00016	mg/L	1		8260B	Total/NA

Client Sample ID: GP-16D — Lab Sample ID: 500-112994-2

No Detections.

Client Sample ID: GP-16I — Lab Sample ID: 500-112994-3

No Detections.

Client Sample ID: GP-16S — Lab Sample ID: 500-112994-4

No Detections.

Client Sample ID: DUP 4 — Lab Sample ID: 500-112994-5

No Detections.

Client Sample ID: FB 5 — Lab Sample ID: 500-112994-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0057		0.0050	0.0017	mg/L	1		8260B	Total/NA
Toluene	0.00029	J	0.00050	0.00015	mg/L	1		8260B	Total/NA

Client Sample ID: GP-17D — Lab Sample ID: 500-112994-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0050		0.0050	0.0017	mg/L	1		8260B	Total/NA
Toluene	0.00035	J	0.00050	0.00015	mg/L	1		8260B	Total/NA

Client Sample ID: GP-17I — Lab Sample ID: 500-112994-8

No Detections.

Client Sample ID: GP-17S — Lab Sample ID: 500-112994-9

No Detections.

Client Sample ID: Irrigation Well — Lab Sample ID: 500-112994-10

No Detections.

Client Sample ID: GP-18D — Lab Sample ID: 500-112994-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.00032	J	0.00050	0.00015	mg/L	1		8260B	Total/NA
Toluene	0.00056		0.00050	0.00015	mg/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Autumnwood Consultants
Project/Site: Central Wire

TestAmerica Job ID: 500-112994-1

Client Sample ID: GP-18I — Lab Sample ID: 500-112994-12

No Detections.

Client Sample ID: GP-18S — Lab Sample ID: 500-112994-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	0.00076	J	0.0010	0.00039	mg/L	1		8260B	Total/NA
1,1-Dichloroethane	0.00052	J	0.0010	0.00041	mg/L	1		8260B	Total/NA

Client Sample ID: GP-22D — Lab Sample ID: 500-112994-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	0.00031	J	0.00050	0.00015	mg/L	1		8260B	Total/NA

Client Sample ID: GP-22I — Lab Sample ID: 500-112994-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	0.00026	J	0.00050	0.00015	mg/L	1		8260B	Total/NA

Client Sample ID: GP-22S — Lab Sample ID: 500-112994-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	0.0031		0.0010	0.00038	mg/L	1		8260B	Total/NA
Benzene	0.00026	J	0.00050	0.00015	mg/L	1		8260B	Total/NA
Trichloroethene	0.00068		0.00050	0.00016	mg/L	1		8260B	Total/NA
Toluene	0.00036	J	0.00050	0.00015	mg/L	1		8260B	Total/NA

Client Sample ID: GP-25I — Lab Sample ID: 500-112994-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	0.00031	J	0.00050	0.00015	mg/L	1		8260B	Total/NA

Client Sample ID: FB 6 — Lab Sample ID: 500-112994-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0075		0.0050	0.0017	mg/L	1		8260B	Total/NA
Toluene	0.00028	J	0.00050	0.00015	mg/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Method Summary

Client: Autumnwood Consultants
Project/Site: Central Wire

TestAmerica Job ID: 500-112994-1

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

Protocol References:

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

Laboratory References:

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

Sample Summary

Client: Autumnwood Consultants
Project/Site: Central Wire

TestAmerica Job ID: 500-112994-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-112994-1	GP-3S	Water	06/10/16 15:35	06/15/16 10:00
500-112994-2	GP-16D	Water	06/13/16 09:00	06/15/16 10:00
500-112994-3	GP-16I	Water	06/13/16 09:50	06/15/16 10:00
500-112994-4	GP-16S	Water	06/13/16 10:50	06/15/16 10:00
500-112994-5	DUP 4	Water	06/13/16 10:55	06/15/16 10:00
500-112994-6	FB 5	Water	06/13/16 11:15	06/15/16 10:00
500-112994-7	GP-17D	Water	06/13/16 12:35	06/15/16 10:00
500-112994-8	GP-17I	Water	06/13/16 13:30	06/15/16 10:00
500-112994-9	GP-17S	Water	06/13/16 14:46	06/15/16 10:00
500-112994-10	Irrigation Well	Water	06/13/16 15:30	06/15/16 10:00
500-112994-11	GP-18D	Water	06/13/16 16:35	06/15/16 10:00
500-112994-12	GP-18I	Water	06/14/16 08:50	06/15/16 10:00
500-112994-13	GP-18S	Water	06/14/16 09:35	06/15/16 10:00
500-112994-14	GP-22D	Water	06/14/16 11:25	06/15/16 10:00
500-112994-15	GP-22I	Water	06/14/16 12:10	06/15/16 10:00
500-112994-16	GP-22S	Water	06/14/16 12:45	06/15/16 10:00
500-112994-17	GP-25I	Water	06/14/16 14:05	06/15/16 10:00
500-112994-18	FB 6	Water	06/14/16 10:00	06/15/16 10:00

Client Sample Results

Client: Autumnwood Consultants
Project/Site: Central Wire

TestAmerica Job ID: 500-112994-1

Client Sample ID: GP-3S

Lab Sample ID: 500-112994-1

Date Collected: 06/10/16 15:35
Date Received: 06/15/16 10:00

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<0.0020		0.0020	0.00067	mg/L			06/16/16 12:12	1
Chloromethane	<0.0010		0.0010	0.00032	mg/L			06/16/16 12:12	1
Vinyl chloride	<0.00050		0.00050	0.00020	mg/L			06/16/16 12:12	1
Bromomethane	<0.0020		0.0020	0.00080	mg/L			06/16/16 12:12	1
Chloroethane	<0.0010		0.0010	0.00051	mg/L			06/16/16 12:12	1
Trichlorofluoromethane	<0.0010		0.0010	0.00043	mg/L			06/16/16 12:12	1
1,1-Dichloroethene	**0.0045**		0.0010	0.00039	mg/L			06/16/16 12:12	1
Carbon disulfide	<0.0020		0.0020	0.00045	mg/L			06/16/16 12:12	1
Acetone	**0.0058**		0.0050	0.0017	mg/L			06/16/16 12:12	1
Methylene Chloride	<0.0050		0.0050	0.0016	mg/L			06/16/16 12:12	1
trans-1,2-Dichloroethene	<0.0010		0.0010	0.00035	mg/L			06/16/16 12:12	1
Methyl tert-butyl ether	<0.0010		0.0010	0.00039	mg/L			06/16/16 12:12	1
1,1-Dichloroethane	**0.0027**		0.0010	0.00041	mg/L			06/16/16 12:12	1
2,2-Dichloropropane	<0.0010		0.0010	0.00044	mg/L			06/16/16 12:12	1
cis-1,2-Dichloroethene	**0.0025**		0.0010	0.00041	mg/L			06/16/16 12:12	1
Methyl Ethyl Ketone	<0.0050		0.0050	0.0021	mg/L			06/16/16 12:12	1
Bromochloromethane	<0.0010		0.0010	0.00043	mg/L			06/16/16 12:12	1
Chloroform	<0.0010		0.0010	0.00037	mg/L			06/16/16 12:12	1
1,1,1-Trichloroethane	**0.049**		0.0010	0.00038	mg/L			06/16/16 12:12	1
1,1-Dichloropropene	<0.0010		0.0010	0.00030	mg/L			06/16/16 12:12	1
Carbon tetrachloride	<0.0010		0.0010	0.00038	mg/L			06/16/16 12:12	1
Benzene	<0.00050		0.00050	0.00015	mg/L			06/16/16 12:12	1
1,2-Dichloroethane	<0.0010		0.0010	0.00039	mg/L			06/16/16 12:12	1
Trichloroethene	**0.021**		0.00050	0.00016	mg/L			06/16/16 12:12	1
1,2-Dichloropropane	<0.0010		0.0010	0.00043	mg/L			06/16/16 12:12	1
Dibromomethane	<0.0010		0.0010	0.00027	mg/L			06/16/16 12:12	1
Bromodichloromethane	<0.0010		0.0010	0.00037	mg/L			06/16/16 12:12	1
cis-1,3-Dichloropropene	<0.0010		0.0010	0.00042	mg/L			06/16/16 12:12	1
methyl isobutyl ketone	<0.0050		0.0050	0.0022	mg/L			06/16/16 12:12	1
Toluene	<0.00050		0.00050	0.00015	mg/L			06/16/16 12:12	1
trans-1,3-Dichloropropene	<0.0010		0.0010	0.00036	mg/L			06/16/16 12:12	1
1,1,2-Trichloroethane	<0.0010		0.0010	0.00035	mg/L			06/16/16 12:12	1
Tetrachloroethene	<0.0010		0.0010	0.00037	mg/L			06/16/16 12:12	1
1,3-Dichloropropane	<0.0010		0.0010	0.00036	mg/L			06/16/16 12:12	1
2-Hexanone	<0.0050		0.0050	0.0016	mg/L			06/16/16 12:12	1
Dibromochloromethane	<0.0010		0.0010	0.00049	mg/L			06/16/16 12:12	1
1,2-Dibromoethane	<0.0010		0.0010	0.00039	mg/L			06/16/16 12:12	1
Chlorobenzene	<0.0010		0.0010	0.00039	mg/L			06/16/16 12:12	1
1,1,1,2-Tetrachloroethane	<0.0010		0.0010	0.00046	mg/L			06/16/16 12:12	1
Ethylbenzene	<0.00050		0.00050	0.00018	mg/L			06/16/16 12:12	1
m&p-Xylene	<0.0010		0.0010	0.00018	mg/L			06/16/16 12:12	1
o-Xylene	<0.00050		0.00050	0.00022	mg/L			06/16/16 12:12	1
Styrene	<0.0010		0.0010	0.00039	mg/L			06/16/16 12:12	1
Bromoform	<0.0010		0.0010	0.00048	mg/L			06/16/16 12:12	1
Isopropylbenzene	<0.0010		0.0010	0.00039	mg/L			06/16/16 12:12	1
Bromobenzene	<0.0010		0.0010	0.00036	mg/L			06/16/16 12:12	1
1,1,2,2-Tetrachloroethane	<0.0010		0.0010	0.00040	mg/L			06/16/16 12:12	1
1,2,3-Trichloropropane	<0.0010		0.0010	0.00041	mg/L			06/16/16 12:12	1
N-Propylbenzene	<0.0010		0.0010	0.00041	mg/L			06/16/16 12:12	1

Client Sample Results

Client: Autumnwood Consultants
Project/Site: Central Wire

TestAmerica Job ID: 500-112994-1

Client Sample ID: GP-3S

Date Collected: 06/10/16 15:35
Date Received: 06/15/16 10:00

Lab Sample ID: 500-112994-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorotoluene	<0.0010		0.0010	0.00031	mg/L			06/16/16 12:12	1
1,3,5-Trimethylbenzene	<0.0010		0.0010	0.00025	mg/L			06/16/16 12:12	1
4-Chlorotoluene	<0.0010		0.0010	0.00035	mg/L			06/16/16 12:12	1
tert-Butylbenzene	<0.0010		0.0010	0.00040	mg/L			06/16/16 12:12	1
1,2,4-Trimethylbenzene	<0.0010		0.0010	0.00036	mg/L			06/16/16 12:12	1
sec-Butylbenzene	<0.0010		0.0010	0.00040	mg/L			06/16/16 12:12	1
1,3-Dichlorobenzene	<0.0010		0.0010	0.00040	mg/L			06/16/16 12:12	1
p-Isopropyltoluene	<0.0010		0.0010	0.00036	mg/L			06/16/16 12:12	1
1,4-Dichlorobenzene	<0.0010		0.0010	0.00036	mg/L			06/16/16 12:12	1
n-Butylbenzene	<0.0010		0.0010	0.00039	mg/L			06/16/16 12:12	1
1,2-Dichlorobenzene	<0.0010		0.0010	0.00033	mg/L			06/16/16 12:12	1
1,2-Dibromo-3-Chloropropane	<0.0050		0.0050	0.0020	mg/L			06/16/16 12:12	1
1,2,4-Trichlorobenzene	<0.0010		0.0010	0.00034	mg/L			06/16/16 12:12	1
Hexachlorobutadiene	<0.0010		0.0010	0.00045	mg/L			06/16/16 12:12	1
Naphthalene	<0.0010		0.0010	0.00034	mg/L			06/16/16 12:12	1
1,2,3-Trichlorobenzene	<0.0010		0.0010	0.00046	mg/L			06/16/16 12:12	1
1,3-Dichloropropene, Total	<0.0010		0.0010	0.00042	mg/L			06/16/16 12:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*71 - 127*		*06/16/16 12:12*	*1*
Toluene-d8 (Surr)	*89*		*75 - 120*		*06/16/16 12:12*	*1*
4-Bromofluorobenzene (Surr)	*107*		*71 - 120*		*06/16/16 12:12*	*1*
Dibromofluoromethane	*93*		*70 - 120*		*06/16/16 12:12*	*1*

Client Sample Results

Client: Autumnwood Consultants
Project/Site: Central Wire

TestAmerica Job ID: 500-112994-1

Client Sample ID: GP-16D

Date Collected: 06/13/16 09:00
Date Received: 06/15/16 10:00

Lab Sample ID: 500-112994-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<0.0020		0.0020	0.00067	mg/L			06/16/16 12:37	1
Chloromethane	<0.0010		0.0010	0.00032	mg/L			06/16/16 12:37	1
Vinyl chloride	<0.00050		0.00050	0.00020	mg/L			06/16/16 12:37	1
Bromomethane	<0.0020		0.0020	0.00080	mg/L			06/16/16 12:37	1
Chloroethane	<0.0010		0.0010	0.00051	mg/L			06/16/16 12:37	1
Trichlorofluoromethane	<0.0010		0.0010	0.00043	mg/L			06/16/16 12:37	1
1,1-Dichloroethene	<0.0010		0.0010	0.00039	mg/L			06/16/16 12:37	1
Carbon disulfide	<0.0020		0.0020	0.00045	mg/L			06/16/16 12:37	1
Acetone	<0.0050		0.0050	0.0017	mg/L			06/16/16 12:37	1
Methylene Chloride	<0.0050		0.0050	0.0016	mg/L			06/16/16 12:37	1
trans-1,2-Dichloroethene	<0.0010		0.0010	0.00035	mg/L			06/16/16 12:37	1
Methyl tert-butyl ether	<0.0010		0.0010	0.00039	mg/L			06/16/16 12:37	1
1,1-Dichloroethane	<0.0010		0.0010	0.00041	mg/L			06/16/16 12:37	1
2,2-Dichloropropane	<0.0010		0.0010	0.00044	mg/L			06/16/16 12:37	1
cis-1,2-Dichloroethene	<0.0010		0.0010	0.00041	mg/L			06/16/16 12:37	1
Methyl Ethyl Ketone	<0.0050		0.0050	0.0021	mg/L			06/16/16 12:37	1
Bromochloromethane	<0.0010		0.0010	0.00043	mg/L			06/16/16 12:37	1
Chloroform	<0.0010		0.0010	0.00037	mg/L			06/16/16 12:37	1
1,1,1-Trichloroethane	<0.0010		0.0010	0.00038	mg/L			06/16/16 12:37	1
1,1-Dichloropropene	<0.0010		0.0010	0.00030	mg/L			06/16/16 12:37	1
Carbon tetrachloride	<0.0010		0.0010	0.00038	mg/L			06/16/16 12:37	1
Benzene	<0.00050		0.00050	0.00015	mg/L			06/16/16 12:37	1
1,2-Dichloroethane	<0.0010		0.0010	0.00039	mg/L			06/16/16 12:37	1
Trichloroethene	<0.00050		0.00050	0.00016	mg/L			06/16/16 12:37	1
1,2-Dichloropropane	<0.0010		0.0010	0.00043	mg/L			06/16/16 12:37	1
Dibromomethane	<0.0010		0.0010	0.00027	mg/L			06/16/16 12:37	1
Bromodichloromethane	<0.0010		0.0010	0.00037	mg/L			06/16/16 12:37	1
cis-1,3-Dichloropropene	<0.0010		0.0010	0.00042	mg/L			06/16/16 12:37	1
methyl isobutyl ketone	<0.0050		0.0050	0.0022	mg/L			06/16/16 12:37	1
Toluene	<0.00050		0.00050	0.00015	mg/L			06/16/16 12:37	1
trans-1,3-Dichloropropene	<0.0010		0.0010	0.00036	mg/L			06/16/16 12:37	1
1,1,2-Trichloroethane	<0.0010		0.0010	0.00035	mg/L			06/16/16 12:37	1
Tetrachloroethene	<0.0010		0.0010	0.00037	mg/L			06/16/16 12:37	1
1,3-Dichloropropane	<0.0010		0.0010	0.00036	mg/L			06/16/16 12:37	1
2-Hexanone	<0.0050		0.0050	0.0016	mg/L			06/16/16 12:37	1
Dibromochloromethane	<0.0010		0.0010	0.00049	mg/L			06/16/16 12:37	1
1,2-Dibromoethane	<0.0010		0.0010	0.00039	mg/L			06/16/16 12:37	1
Chlorobenzene	<0.0010		0.0010	0.00039	mg/L			06/16/16 12:37	1
1,1,1,2-Tetrachloroethane	<0.0010		0.0010	0.00046	mg/L			06/16/16 12:37	1
Ethylbenzene	<0.00050		0.00050	0.00018	mg/L			06/16/16 12:37	1
m&p-Xylene	<0.0010		0.0010	0.00018	mg/L			06/16/16 12:37	1
o-Xylene	<0.00050		0.00050	0.00022	mg/L			06/16/16 12:37	1
Styrene	<0.0010		0.0010	0.00039	mg/L			06/16/16 12:37	1
Bromoform	<0.0010		0.0010	0.00048	mg/L			06/16/16 12:37	1
Isopropylbenzene	<0.0010		0.0010	0.00039	mg/L			06/16/16 12:37	1
Bromobenzene	<0.0010		0.0010	0.00036	mg/L			06/16/16 12:37	1
1,1,2,2-Tetrachloroethane	<0.0010		0.0010	0.00040	mg/L			06/16/16 12:37	1
1,2,3-Trichloropropane	<0.0010		0.0010	0.00041	mg/L			06/16/16 12:37	1
N-Propylbenzene	<0.0010		0.0010	0.00041	mg/L			06/16/16 12:37	1

Client Sample Results

Client: Autumnwood Consultants
Project/Site: Central Wire

TestAmerica Job ID: 500-112994-1

Client Sample ID: GP-16D

Date Collected: 06/13/16 09:00
Date Received: 06/15/16 10:00

Lab Sample ID: 500-112994-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorotoluene	<0.0010		0.0010	0.00031	mg/L			06/16/16 12:37	1
1,3,5-Trimethylbenzene	<0.0010		0.0010	0.00025	mg/L			06/16/16 12:37	1
4-Chlorotoluene	<0.0010		0.0010	0.00035	mg/L			06/16/16 12:37	1
tert-Butylbenzene	<0.0010		0.0010	0.00040	mg/L			06/16/16 12:37	1
1,2,4-Trimethylbenzene	<0.0010		0.0010	0.00036	mg/L			06/16/16 12:37	1
sec-Butylbenzene	<0.0010		0.0010	0.00040	mg/L			06/16/16 12:37	1
1,3-Dichlorobenzene	<0.0010		0.0010	0.00040	mg/L			06/16/16 12:37	1
p-Isopropyltoluene	<0.0010		0.0010	0.00036	mg/L			06/16/16 12:37	1
1,4-Dichlorobenzene	<0.0010		0.0010	0.00036	mg/L			06/16/16 12:37	1
n-Butylbenzene	<0.0010		0.0010	0.00039	mg/L			06/16/16 12:37	1
1,2-Dichlorobenzene	<0.0010		0.0010	0.00033	mg/L			06/16/16 12:37	1
1,2-Dibromo-3-Chloropropane	<0.0050		0.0050	0.0020	mg/L			06/16/16 12:37	1
1,2,4-Trichlorobenzene	<0.0010		0.0010	0.00034	mg/L			06/16/16 12:37	1
Hexachlorobutadiene	<0.0010		0.0010	0.00045	mg/L			06/16/16 12:37	1
Naphthalene	<0.0010		0.0010	0.00034	mg/L			06/16/16 12:37	1
1,2,3-Trichlorobenzene	<0.0010		0.0010	0.00046	mg/L			06/16/16 12:37	1
1,3-Dichloropropene, Total	<0.0010		0.0010	0.00042	mg/L			06/16/16 12:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*71 - 127*		*06/16/16 12:37*	*1*
Toluene-d8 (Surr)	*90*		*75 - 120*		*06/16/16 12:37*	*1*
4-Bromofluorobenzene (Surr)	*107*		*71 - 120*		*06/16/16 12:37*	*1*
Dibromofluoromethane	*94*		*70 - 120*		*06/16/16 12:37*	*1*

Client Sample Results

Client: Autumnwood Consultants
Project/Site: Central Wire

TestAmerica Job ID: 500-112994-1

Client Sample ID: GP-16I

Date Collected: 06/13/16 09:50
Date Received: 06/15/16 10:00

Lab Sample ID: 500-112994-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<0.0020		0.0020	0.00067	mg/L			06/16/16 13:02	1
Chloromethane	<0.0010		0.0010	0.00032	mg/L			06/16/16 13:02	1
Vinyl chloride	<0.00050		0.00050	0.00020	mg/L			06/16/16 13:02	1
Bromomethane	<0.0020		0.0020	0.00080	mg/L			06/16/16 13:02	1
Chloroethane	<0.0010		0.0010	0.00051	mg/L			06/16/16 13:02	1
Trichlorofluoromethane	<0.0010		0.0010	0.00043	mg/L			06/16/16 13:02	1
1,1-Dichloroethene	<0.0010		0.0010	0.00039	mg/L			06/16/16 13:02	1
Carbon disulfide	<0.0020		0.0020	0.00045	mg/L			06/16/16 13:02	1
Acetone	<0.0050		0.0050	0.0017	mg/L			06/16/16 13:02	1
Methylene Chloride	<0.0050		0.0050	0.0016	mg/L			06/16/16 13:02	1
trans-1,2-Dichloroethene	<0.0010		0.0010	0.00035	mg/L			06/16/16 13:02	1
Methyl tert-butyl ether	<0.0010		0.0010	0.00039	mg/L			06/16/16 13:02	1
1,1-Dichloroethane	<0.0010		0.0010	0.00041	mg/L			06/16/16 13:02	1
2,2-Dichloropropane	<0.0010		0.0010	0.00044	mg/L			06/16/16 13:02	1
cis-1,2-Dichloroethene	<0.0010		0.0010	0.00041	mg/L			06/16/16 13:02	1
Methyl Ethyl Ketone	<0.0050		0.0050	0.0021	mg/L			06/16/16 13:02	1
Bromochloromethane	<0.0010		0.0010	0.00043	mg/L			06/16/16 13:02	1
Chloroform	<0.0010		0.0010	0.00037	mg/L			06/16/16 13:02	1
1,1,1-Trichloroethane	<0.0010		0.0010	0.00038	mg/L			06/16/16 13:02	1
1,1-Dichloropropene	<0.0010		0.0010	0.00030	mg/L			06/16/16 13:02	1
Carbon tetrachloride	<0.0010		0.0010	0.00038	mg/L			06/16/16 13:02	1
Benzene	<0.00050		0.00050	0.00015	mg/L			06/16/16 13:02	1
1,2-Dichloroethane	<0.0010		0.0010	0.00039	mg/L			06/16/16 13:02	1
Trichloroethene	<0.00050		0.00050	0.00016	mg/L			06/16/16 13:02	1
1,2-Dichloropropane	<0.0010		0.0010	0.00043	mg/L			06/16/16 13:02	1
Dibromomethane	<0.0010		0.0010	0.00027	mg/L			06/16/16 13:02	1
Bromodichloromethane	<0.0010		0.0010	0.00037	mg/L			06/16/16 13:02	1
cis-1,3-Dichloropropene	<0.0010		0.0010	0.00042	mg/L			06/16/16 13:02	1
methyl isobutyl ketone	<0.0050		0.0050	0.0022	mg/L			06/16/16 13:02	1
Toluene	<0.00050		0.00050	0.00015	mg/L			06/16/16 13:02	1
trans-1,3-Dichloropropene	<0.0010		0.0010	0.00036	mg/L			06/16/16 13:02	1
1,1,2-Trichloroethane	<0.0010		0.0010	0.00035	mg/L			06/16/16 13:02	1
Tetrachloroethene	<0.0010		0.0010	0.00037	mg/L			06/16/16 13:02	1
1,3-Dichloropropane	<0.0010		0.0010	0.00036	mg/L			06/16/16 13:02	1
2-Hexanone	<0.0050		0.0050	0.0016	mg/L			06/16/16 13:02	1
Dibromochloromethane	<0.0010		0.0010	0.00049	mg/L			06/16/16 13:02	1
1,2-Dibromoethane	<0.0010		0.0010	0.00039	mg/L			06/16/16 13:02	1
Chlorobenzene	<0.0010		0.0010	0.00039	mg/L			06/16/16 13:02	1
1,1,1,2-Tetrachloroethane	<0.0010		0.0010	0.00046	mg/L			06/16/16 13:02	1
Ethylbenzene	<0.00050		0.00050	0.00018	mg/L			06/16/16 13:02	1
m&p-Xylene	<0.0010		0.0010	0.00018	mg/L			06/16/16 13:02	1
o-Xylene	<0.00050		0.00050	0.00022	mg/L			06/16/16 13:02	1
Styrene	<0.0010		0.0010	0.00039	mg/L			06/16/16 13:02	1
Bromoform	<0.0010		0.0010	0.00048	mg/L			06/16/16 13:02	1
Isopropylbenzene	<0.0010		0.0010	0.00039	mg/L			06/16/16 13:02	1
Bromobenzene	<0.0010		0.0010	0.00036	mg/L			06/16/16 13:02	1
1,1,2,2-Tetrachloroethane	<0.0010		0.0010	0.00040	mg/L			06/16/16 13:02	1
1,2,3-Trichloropropane	<0.0010		0.0010	0.00041	mg/L			06/16/16 13:02	1
N-Propylbenzene	<0.0010		0.0010	0.00041	mg/L			06/16/16 13:02	1

Client Sample Results

Client: Autumnwood Consultants
Project/Site: Central Wire

TestAmerica Job ID: 500-112994-1

Client Sample ID: GP-16I
Date Collected: 06/13/16 09:50
Date Received: 06/15/16 10:00

Lab Sample ID: 500-112994-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorotoluene	<0.0010		0.0010	0.00031	mg/L			06/16/16 13:02	1
1,3,5-Trimethylbenzene	<0.0010		0.0010	0.00025	mg/L			06/16/16 13:02	1
4-Chlorotoluene	<0.0010		0.0010	0.00035	mg/L			06/16/16 13:02	1
tert-Butylbenzene	<0.0010		0.0010	0.00040	mg/L			06/16/16 13:02	1
1,2,4-Trimethylbenzene	<0.0010		0.0010	0.00036	mg/L			06/16/16 13:02	1
sec-Butylbenzene	<0.0010		0.0010	0.00040	mg/L			06/16/16 13:02	1
1,3-Dichlorobenzene	<0.0010		0.0010	0.00040	mg/L			06/16/16 13:02	1
p-Isopropyltoluene	<0.0010		0.0010	0.00036	mg/L			06/16/16 13:02	1
1,4-Dichlorobenzene	<0.0010		0.0010	0.00036	mg/L			06/16/16 13:02	1
n-Butylbenzene	<0.0010		0.0010	0.00039	mg/L			06/16/16 13:02	1
1,2-Dichlorobenzene	<0.0010		0.0010	0.00033	mg/L			06/16/16 13:02	1
1,2-Dibromo-3-Chloropropane	<0.0050		0.0050	0.0020	mg/L			06/16/16 13:02	1
1,2,4-Trichlorobenzene	<0.0010		0.0010	0.00034	mg/L			06/16/16 13:02	1
Hexachlorobutadiene	<0.0010		0.0010	0.00045	mg/L			06/16/16 13:02	1
Naphthalene	<0.0010		0.0010	0.00034	mg/L			06/16/16 13:02	1
1,2,3-Trichlorobenzene	<0.0010		0.0010	0.00046	mg/L			06/16/16 13:02	1
1,3-Dichloropropene, Total	<0.0010		0.0010	0.00042	mg/L			06/16/16 13:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*71 - 127*		*06/16/16 13:02*	*1*
Toluene-d8 (Surr)	*89*		*75 - 120*		*06/16/16 13:02*	*1*
4-Bromofluorobenzene (Surr)	*104*		*71 - 120*		*06/16/16 13:02*	*1*
Dibromofluoromethane	*93*		*70 - 120*		*06/16/16 13:02*	*1*

Client Sample Results

Client: Autumnwood Consultants
Project/Site: Central Wire

TestAmerica Job ID: 500-112994-1

Client Sample ID: GP-16S

Date Collected: 06/13/16 10:50
Date Received: 06/15/16 10:00

Lab Sample ID: 500-112994-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<0.0020		0.0020	0.00067	mg/L			06/16/16 13:27	1
Chloromethane	<0.0010		0.0010	0.00032	mg/L			06/16/16 13:27	1
Vinyl chloride	<0.00050		0.00050	0.00020	mg/L			06/16/16 13:27	1
Bromomethane	<0.0020		0.0020	0.00080	mg/L			06/16/16 13:27	1
Chloroethane	<0.0010		0.0010	0.00051	mg/L			06/16/16 13:27	1
Trichlorofluoromethane	<0.0010		0.0010	0.00043	mg/L			06/16/16 13:27	1
1,1-Dichloroethene	<0.0010		0.0010	0.00039	mg/L			06/16/16 13:27	1
Carbon disulfide	<0.0020		0.0020	0.00045	mg/L			06/16/16 13:27	1
Acetone	<0.0050		0.0050	0.0017	mg/L			06/16/16 13:27	1
Methylene Chloride	<0.0050		0.0050	0.0016	mg/L			06/16/16 13:27	1
trans-1,2-Dichloroethene	<0.0010		0.0010	0.00035	mg/L			06/16/16 13:27	1
Methyl tert-butyl ether	<0.0010		0.0010	0.00039	mg/L			06/16/16 13:27	1
1,1-Dichloroethane	<0.0010		0.0010	0.00041	mg/L			06/16/16 13:27	1
2,2-Dichloropropane	<0.0010		0.0010	0.00044	mg/L			06/16/16 13:27	1
cis-1,2-Dichloroethene	<0.0010		0.0010	0.00041	mg/L			06/16/16 13:27	1
Methyl Ethyl Ketone	<0.0050		0.0050	0.0021	mg/L			06/16/16 13:27	1
Bromochloromethane	<0.0010		0.0010	0.00043	mg/L			06/16/16 13:27	1
Chloroform	<0.0010		0.0010	0.00037	mg/L			06/16/16 13:27	1
1,1,1-Trichloroethane	<0.0010		0.0010	0.00038	mg/L			06/16/16 13:27	1
1,1-Dichloropropene	<0.0010		0.0010	0.00030	mg/L			06/16/16 13:27	1
Carbon tetrachloride	<0.0010		0.0010	0.00038	mg/L			06/16/16 13:27	1
Benzene	<0.00050		0.00050	0.00015	mg/L			06/16/16 13:27	1
1,2-Dichloroethane	<0.0010		0.0010	0.00039	mg/L			06/16/16 13:27	1
Trichloroethene	<0.00050		0.00050	0.00016	mg/L			06/16/16 13:27	1
1,2-Dichloropropane	<0.0010		0.0010	0.00043	mg/L			06/16/16 13:27	1
Dibromomethane	<0.0010		0.0010	0.00027	mg/L			06/16/16 13:27	1
Bromodichloromethane	<0.0010		0.0010	0.00037	mg/L			06/16/16 13:27	1
cis-1,3-Dichloropropene	<0.0010		0.0010	0.00042	mg/L			06/16/16 13:27	1
methyl isobutyl ketone	<0.0050		0.0050	0.0022	mg/L			06/16/16 13:27	1
Toluene	<0.00050		0.00050	0.00015	mg/L			06/16/16 13:27	1
trans-1,3-Dichloropropene	<0.0010		0.0010	0.00036	mg/L			06/16/16 13:27	1
1,1,2-Trichloroethane	<0.0010		0.0010	0.00035	mg/L			06/16/16 13:27	1
Tetrachloroethene	<0.0010		0.0010	0.00037	mg/L			06/16/16 13:27	1
1,3-Dichloropropane	<0.0010		0.0010	0.00036	mg/L			06/16/16 13:27	1
2-Hexanone	<0.0050		0.0050	0.0016	mg/L			06/16/16 13:27	1
Dibromochloromethane	<0.0010		0.0010	0.00049	mg/L			06/16/16 13:27	1
1,2-Dibromoethane	<0.0010		0.0010	0.00039	mg/L			06/16/16 13:27	1
Chlorobenzene	<0.0010		0.0010	0.00039	mg/L			06/16/16 13:27	1
1,1,1,2-Tetrachloroethane	<0.0010		0.0010	0.00046	mg/L			06/16/16 13:27	1
Ethylbenzene	<0.00050		0.00050	0.00018	mg/L			06/16/16 13:27	1
m&p-Xylene	<0.0010		0.0010	0.00018	mg/L			06/16/16 13:27	1
o-Xylene	<0.00050		0.00050	0.00022	mg/L			06/16/16 13:27	1
Styrene	<0.0010		0.0010	0.00039	mg/L			06/16/16 13:27	1
Bromoform	<0.0010		0.0010	0.00048	mg/L			06/16/16 13:27	1
Isopropylbenzene	<0.0010		0.0010	0.00039	mg/L			06/16/16 13:27	1
Bromobenzene	<0.0010		0.0010	0.00036	mg/L			06/16/16 13:27	1
1,1,2,2-Tetrachloroethane	<0.0010		0.0010	0.00040	mg/L			06/16/16 13:27	1
1,2,3-Trichloropropane	<0.0010		0.0010	0.00041	mg/L			06/16/16 13:27	1
N-Propylbenzene	<0.0010		0.0010	0.00041	mg/L			06/16/16 13:27	1

Client Sample Results

Client: Autumnwood Consultants
Project/Site: Central Wire

TestAmerica Job ID: 500-112994-1

Client Sample ID: GP-16S

Date Collected: 06/13/16 10:50
Date Received: 06/15/16 10:00

Lab Sample ID: 500-112994-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorotoluene	<0.0010		0.0010	0.00031	mg/L			06/16/16 13:27	1
1,3,5-Trimethylbenzene	<0.0010		0.0010	0.00025	mg/L			06/16/16 13:27	1
4-Chlorotoluene	<0.0010		0.0010	0.00035	mg/L			06/16/16 13:27	1
tert-Butylbenzene	<0.0010		0.0010	0.00040	mg/L			06/16/16 13:27	1
1,2,4-Trimethylbenzene	<0.0010		0.0010	0.00036	mg/L			06/16/16 13:27	1
sec-Butylbenzene	<0.0010		0.0010	0.00040	mg/L			06/16/16 13:27	1
1,3-Dichlorobenzene	<0.0010		0.0010	0.00040	mg/L			06/16/16 13:27	1
p-Isopropyltoluene	<0.0010		0.0010	0.00036	mg/L			06/16/16 13:27	1
1,4-Dichlorobenzene	<0.0010		0.0010	0.00036	mg/L			06/16/16 13:27	1
n-Butylbenzene	<0.0010		0.0010	0.00039	mg/L			06/16/16 13:27	1
1,2-Dichlorobenzene	<0.0010		0.0010	0.00033	mg/L			06/16/16 13:27	1
1,2-Dibromo-3-Chloropropane	<0.0050		0.0050	0.0020	mg/L			06/16/16 13:27	1
1,2,4-Trichlorobenzene	<0.0010		0.0010	0.00034	mg/L			06/16/16 13:27	1
Hexachlorobutadiene	<0.0010		0.0010	0.00045	mg/L			06/16/16 13:27	1
Naphthalene	<0.0010		0.0010	0.00034	mg/L			06/16/16 13:27	1
1,2,3-Trichlorobenzene	<0.0010		0.0010	0.00046	mg/L			06/16/16 13:27	1
1,3-Dichloropropene, Total	<0.0010		0.0010	0.00042	mg/L			06/16/16 13:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*71 - 127*		*06/16/16 13:27*	*1*
Toluene-d8 (Surr)	*89*		*75 - 120*		*06/16/16 13:27*	*1*
4-Bromofluorobenzene (Surr)	*106*		*71 - 120*		*06/16/16 13:27*	*1*
Dibromofluoromethane	*97*		*70 - 120*		*06/16/16 13:27*	*1*

Client Sample Results

Client: Autumnwood Consultants
Project/Site: Central Wire

TestAmerica Job ID: 500-112994-1

Client Sample ID: DUP 4

Lab Sample ID: 500-112994-5

Date Collected: 06/13/16 10:55
Date Received: 06/15/16 10:00

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<0.0020		0.0020	0.00067	mg/L			06/16/16 13:52	1
Chloromethane	<0.0010		0.0010	0.00032	mg/L			06/16/16 13:52	1
Vinyl chloride	<0.00050		0.00050	0.00020	mg/L			06/16/16 13:52	1
Bromomethane	<0.0020		0.0020	0.00080	mg/L			06/16/16 13:52	1
Chloroethane	<0.0010		0.0010	0.00051	mg/L			06/16/16 13:52	1
Trichlorofluoromethane	<0.0010		0.0010	0.00043	mg/L			06/16/16 13:52	1
1,1-Dichloroethene	<0.0010		0.0010	0.00039	mg/L			06/16/16 13:52	1
Carbon disulfide	<0.0020		0.0020	0.00045	mg/L			06/16/16 13:52	1
Acetone	<0.0050		0.0050	0.0017	mg/L			06/16/16 13:52	1
Methylene Chloride	<0.0050		0.0050	0.0016	mg/L			06/16/16 13:52	1
trans-1,2-Dichloroethene	<0.0010		0.0010	0.00035	mg/L			06/16/16 13:52	1
Methyl tert-butyl ether	<0.0010		0.0010	0.00039	mg/L			06/16/16 13:52	1
1,1-Dichloroethane	<0.0010		0.0010	0.00041	mg/L			06/16/16 13:52	1
2,2-Dichloropropane	<0.0010		0.0010	0.00044	mg/L			06/16/16 13:52	1
cis-1,2-Dichloroethene	<0.0010		0.0010	0.00041	mg/L			06/16/16 13:52	1
Methyl Ethyl Ketone	<0.0050		0.0050	0.0021	mg/L			06/16/16 13:52	1
Bromochloromethane	<0.0010		0.0010	0.00043	mg/L			06/16/16 13:52	1
Chloroform	<0.0010		0.0010	0.00037	mg/L			06/16/16 13:52	1
1,1,1-Trichloroethane	<0.0010		0.0010	0.00038	mg/L			06/16/16 13:52	1
1,1-Dichloropropene	<0.0010		0.0010	0.00030	mg/L			06/16/16 13:52	1
Carbon tetrachloride	<0.0010		0.0010	0.00038	mg/L			06/16/16 13:52	1
Benzene	<0.00050		0.00050	0.00015	mg/L			06/16/16 13:52	1
1,2-Dichloroethane	<0.0010		0.0010	0.00039	mg/L			06/16/16 13:52	1
Trichloroethene	<0.00050		0.00050	0.00016	mg/L			06/16/16 13:52	1
1,2-Dichloropropane	<0.0010		0.0010	0.00043	mg/L			06/16/16 13:52	1
Dibromomethane	<0.0010		0.0010	0.00027	mg/L			06/16/16 13:52	1
Bromodichloromethane	<0.0010		0.0010	0.00037	mg/L			06/16/16 13:52	1
cis-1,3-Dichloropropene	<0.0010		0.0010	0.00042	mg/L			06/16/16 13:52	1
methyl isobutyl ketone	<0.0050		0.0050	0.0022	mg/L			06/16/16 13:52	1
Toluene	<0.00050		0.00050	0.00015	mg/L			06/16/16 13:52	1
trans-1,3-Dichloropropene	<0.0010		0.0010	0.00036	mg/L			06/16/16 13:52	1
1,1,2-Trichloroethane	<0.0010		0.0010	0.00035	mg/L			06/16/16 13:52	1
Tetrachloroethene	<0.0010		0.0010	0.00037	mg/L			06/16/16 13:52	1
1,3-Dichloropropane	<0.0010		0.0010	0.00036	mg/L			06/16/16 13:52	1
2-Hexanone	<0.0050		0.0050	0.0016	mg/L			06/16/16 13:52	1
Dibromochloromethane	<0.0010		0.0010	0.00049	mg/L			06/16/16 13:52	1
1,2-Dibromoethane	<0.0010		0.0010	0.00039	mg/L			06/16/16 13:52	1
Chlorobenzene	<0.0010		0.0010	0.00039	mg/L			06/16/16 13:52	1
1,1,1,2-Tetrachloroethane	<0.0010		0.0010	0.00046	mg/L			06/16/16 13:52	1
Ethylbenzene	<0.00050		0.00050	0.00018	mg/L			06/16/16 13:52	1
m&p-Xylene	<0.0010		0.0010	0.00018	mg/L			06/16/16 13:52	1
o-Xylene	<0.00050		0.00050	0.00022	mg/L			06/16/16 13:52	1
Styrene	<0.0010		0.0010	0.00039	mg/L			06/16/16 13:52	1
Bromoform	<0.0010		0.0010	0.00048	mg/L			06/16/16 13:52	1
Isopropylbenzene	<0.0010		0.0010	0.00039	mg/L			06/16/16 13:52	1
Bromobenzene	<0.0010		0.0010	0.00036	mg/L			06/16/16 13:52	1
1,1,2,2-Tetrachloroethane	<0.0010		0.0010	0.00040	mg/L			06/16/16 13:52	1
1,2,3-Trichloropropane	<0.0010		0.0010	0.00041	mg/L			06/16/16 13:52	1
N-Propylbenzene	<0.0010		0.0010	0.00041	mg/L			06/16/16 13:52	1

Client Sample Results

Client: Autumnwood Consultants
Project/Site: Central Wire

TestAmerica Job ID: 500-112994-1

Client Sample ID: DUP 4

Date Collected: 06/13/16 10:55
Date Received: 06/15/16 10:00

Lab Sample ID: 500-112994-5
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorotoluene	<0.0010		0.0010	0.00031	mg/L			06/16/16 13:52	1
1,3,5-Trimethylbenzene	<0.0010		0.0010	0.00025	mg/L			06/16/16 13:52	1
4-Chlorotoluene	<0.0010		0.0010	0.00035	mg/L			06/16/16 13:52	1
tert-Butylbenzene	<0.0010		0.0010	0.00040	mg/L			06/16/16 13:52	1
1,2,4-Trimethylbenzene	<0.0010		0.0010	0.00036	mg/L			06/16/16 13:52	1
sec-Butylbenzene	<0.0010		0.0010	0.00040	mg/L			06/16/16 13:52	1
1,3-Dichlorobenzene	<0.0010		0.0010	0.00040	mg/L			06/16/16 13:52	1
p-Isopropyltoluene	<0.0010		0.0010	0.00036	mg/L			06/16/16 13:52	1
1,4-Dichlorobenzene	<0.0010		0.0010	0.00036	mg/L			06/16/16 13:52	1
n-Butylbenzene	<0.0010		0.0010	0.00039	mg/L			06/16/16 13:52	1
1,2-Dichlorobenzene	<0.0010		0.0010	0.00033	mg/L			06/16/16 13:52	1
1,2-Dibromo-3-Chloropropane	<0.0050		0.0050	0.0020	mg/L			06/16/16 13:52	1
1,2,4-Trichlorobenzene	<0.0010		0.0010	0.00034	mg/L			06/16/16 13:52	1
Hexachlorobutadiene	<0.0010		0.0010	0.00045	mg/L			06/16/16 13:52	1
Naphthalene	<0.0010		0.0010	0.00034	mg/L			06/16/16 13:52	1
1,2,3-Trichlorobenzene	<0.0010		0.0010	0.00046	mg/L			06/16/16 13:52	1
1,3-Dichloropropene, Total	<0.0010		0.0010	0.00042	mg/L			06/16/16 13:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*71 - 127*		*06/16/16 13:52*	*1*
Toluene-d8 (Surr)	*88*		*75 - 120*		*06/16/16 13:52*	*1*
4-Bromofluorobenzene (Surr)	*110*		*71 - 120*		*06/16/16 13:52*	*1*
Dibromofluoromethane	*97*		*70 - 120*		*06/16/16 13:52*	*1*

Client Sample Results

Client: Autumnwood Consultants
Project/Site: Central Wire

TestAmerica Job ID: 500-112994-1

Client Sample ID: FB 5

Lab Sample ID: 500-112994-6

Date Collected: 06/13/16 11:15
Date Received: 06/15/16 10:00

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<0.0020		0.0020	0.00067	mg/L			06/16/16 14:17	1
Chloromethane	<0.0010		0.0010	0.00032	mg/L			06/16/16 14:17	1
Vinyl chloride	<0.00050		0.00050	0.00020	mg/L			06/16/16 14:17	1
Bromomethane	<0.0020		0.0020	0.00080	mg/L			06/16/16 14:17	1
Chloroethane	<0.0010		0.0010	0.00051	mg/L			06/16/16 14:17	1
Trichlorofluoromethane	<0.0010		0.0010	0.00043	mg/L			06/16/16 14:17	1
1,1-Dichloroethene	<0.0010		0.0010	0.00039	mg/L			06/16/16 14:17	1
Carbon disulfide	<0.0020		0.0020	0.00045	mg/L			06/16/16 14:17	1
Acetone	**0.0057**		0.0050	0.0017	mg/L			06/16/16 14:17	1
Methylene Chloride	<0.0050		0.0050	0.0016	mg/L			06/16/16 14:17	1
trans-1,2-Dichloroethene	<0.0010		0.0010	0.00035	mg/L			06/16/16 14:17	1
Methyl tert-butyl ether	<0.0010		0.0010	0.00039	mg/L			06/16/16 14:17	1
1,1-Dichloroethane	<0.0010		0.0010	0.00041	mg/L			06/16/16 14:17	1
2,2-Dichloropropane	<0.0010		0.0010	0.00044	mg/L			06/16/16 14:17	1
cis-1,2-Dichloroethene	<0.0010		0.0010	0.00041	mg/L			06/16/16 14:17	1
Methyl Ethyl Ketone	<0.0050		0.0050	0.0021	mg/L			06/16/16 14:17	1
Bromochloromethane	<0.0010		0.0010	0.00043	mg/L			06/16/16 14:17	1
Chloroform	<0.0010		0.0010	0.00037	mg/L			06/16/16 14:17	1
1,1,1-Trichloroethane	<0.0010		0.0010	0.00038	mg/L			06/16/16 14:17	1
1,1-Dichloropropene	<0.0010		0.0010	0.00030	mg/L			06/16/16 14:17	1
Carbon tetrachloride	<0.0010		0.0010	0.00038	mg/L			06/16/16 14:17	1
Benzene	<0.00050		0.00050	0.00015	mg/L			06/16/16 14:17	1
1,2-Dichloroethane	<0.0010		0.0010	0.00039	mg/L			06/16/16 14:17	1
Trichloroethene	<0.00050		0.00050	0.00016	mg/L			06/16/16 14:17	1
1,2-Dichloropropane	<0.0010		0.0010	0.00043	mg/L			06/16/16 14:17	1
Dibromomethane	<0.0010		0.0010	0.00027	mg/L			06/16/16 14:17	1
Bromodichloromethane	<0.0010		0.0010	0.00037	mg/L			06/16/16 14:17	1
cis-1,3-Dichloropropene	<0.0010		0.0010	0.00042	mg/L			06/16/16 14:17	1
methyl isobutyl ketone	<0.0050		0.0050	0.0022	mg/L			06/16/16 14:17	1
Toluene	**0.00029**	**J**	0.00050	0.00015	mg/L			06/16/16 14:17	1
trans-1,3-Dichloropropene	<0.0010		0.0010	0.00036	mg/L			06/16/16 14:17	1
1,1,2-Trichloroethane	<0.0010		0.0010	0.00035	mg/L			06/16/16 14:17	1
Tetrachloroethene	<0.0010		0.0010	0.00037	mg/L			06/16/16 14:17	1
1,3-Dichloropropane	<0.0010		0.0010	0.00036	mg/L			06/16/16 14:17	1
2-Hexanone	<0.0050		0.0050	0.0016	mg/L			06/16/16 14:17	1
Dibromochloromethane	<0.0010		0.0010	0.00049	mg/L			06/16/16 14:17	1
1,2-Dibromoethane	<0.0010		0.0010	0.00039	mg/L			06/16/16 14:17	1
Chlorobenzene	<0.0010		0.0010	0.00039	mg/L			06/16/16 14:17	1
1,1,1,2-Tetrachloroethane	<0.0010		0.0010	0.00046	mg/L			06/16/16 14:17	1
Ethylbenzene	<0.00050		0.00050	0.00018	mg/L			06/16/16 14:17	1
m&p-Xylene	<0.0010		0.0010	0.00018	mg/L			06/16/16 14:17	1
o-Xylene	<0.00050		0.00050	0.00022	mg/L			06/16/16 14:17	1
Styrene	<0.0010		0.0010	0.00039	mg/L			06/16/16 14:17	1
Bromoform	<0.0010		0.0010	0.00048	mg/L			06/16/16 14:17	1
Isopropylbenzene	<0.0010		0.0010	0.00039	mg/L			06/16/16 14:17	1
Bromobenzene	<0.0010		0.0010	0.00036	mg/L			06/16/16 14:17	1
1,1,2,2-Tetrachloroethane	<0.0010		0.0010	0.00040	mg/L			06/16/16 14:17	1
1,2,3-Trichloropropane	<0.0010		0.0010	0.00041	mg/L			06/16/16 14:17	1
N-Propylbenzene	<0.0010		0.0010	0.00041	mg/L			06/16/16 14:17	1

Client Sample Results

Client: Autumnwood Consultants
Project/Site: Central Wire

TestAmerica Job ID: 500-112994-1

Client Sample ID: FB 5

Lab Sample ID: 500-112994-6

Date Collected: 06/13/16 11:15
Date Received: 06/15/16 10:00

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorotoluene	<0.0010		0.0010	0.00031	mg/L			06/16/16 14:17	1
1,3,5-Trimethylbenzene	<0.0010		0.0010	0.00025	mg/L			06/16/16 14:17	1
4-Chlorotoluene	<0.0010		0.0010	0.00035	mg/L			06/16/16 14:17	1
tert-Butylbenzene	<0.0010		0.0010	0.00040	mg/L			06/16/16 14:17	1
1,2,4-Trimethylbenzene	<0.0010		0.0010	0.00036	mg/L			06/16/16 14:17	1
sec-Butylbenzene	<0.0010		0.0010	0.00040	mg/L			06/16/16 14:17	1
1,3-Dichlorobenzene	<0.0010		0.0010	0.00040	mg/L			06/16/16 14:17	1
p-Isopropyltoluene	<0.0010		0.0010	0.00036	mg/L			06/16/16 14:17	1
1,4-Dichlorobenzene	<0.0010		0.0010	0.00036	mg/L			06/16/16 14:17	1
n-Butylbenzene	<0.0010		0.0010	0.00039	mg/L			06/16/16 14:17	1
1,2-Dichlorobenzene	<0.0010		0.0010	0.00033	mg/L			06/16/16 14:17	1
1,2-Dibromo-3-Chloropropane	<0.0050		0.0050	0.0020	mg/L			06/16/16 14:17	1
1,2,4-Trichlorobenzene	<0.0010		0.0010	0.00034	mg/L			06/16/16 14:17	1
Hexachlorobutadiene	<0.0010		0.0010	0.00045	mg/L			06/16/16 14:17	1
Naphthalene	<0.0010		0.0010	0.00034	mg/L			06/16/16 14:17	1
1,2,3-Trichlorobenzene	<0.0010		0.0010	0.00046	mg/L			06/16/16 14:17	1
1,3-Dichloropropene, Total	<0.0010		0.0010	0.00042	mg/L			06/16/16 14:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*71 - 127*		*06/16/16 14:17*	*1*
Toluene-d8 (Surr)	*87*		*75 - 120*		*06/16/16 14:17*	*1*
4-Bromofluorobenzene (Surr)	*104*		*71 - 120*		*06/16/16 14:17*	*1*
Dibromofluoromethane	*95*		*70 - 120*		*06/16/16 14:17*	*1*

Client Sample Results

Client: Autumnwood Consultants
Project/Site: Central Wire

TestAmerica Job ID: 500-112994-1

Client Sample ID: GP-17D

Date Collected: 06/13/16 12:35
Date Received: 06/15/16 10:00

Lab Sample ID: 500-112994-7
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<0.0020		0.0020	0.00067	mg/L			06/16/16 14:42	1
Chloromethane	<0.0010		0.0010	0.00032	mg/L			06/16/16 14:42	1
Vinyl chloride	<0.00050		0.00050	0.00020	mg/L			06/16/16 14:42	1
Bromomethane	<0.0020		0.0020	0.00080	mg/L			06/16/16 14:42	1
Chloroethane	<0.0010		0.0010	0.00051	mg/L			06/16/16 14:42	1
Trichlorofluoromethane	<0.0010		0.0010	0.00043	mg/L			06/16/16 14:42	1
1,1-Dichloroethene	<0.0010		0.0010	0.00039	mg/L			06/16/16 14:42	1
Carbon disulfide	<0.0020		0.0020	0.00045	mg/L			06/16/16 14:42	1
Acetone	**0.0050**		0.0050	0.0017	mg/L			06/16/16 14:42	1
Methylene Chloride	<0.0050		0.0050	0.0016	mg/L			06/16/16 14:42	1
trans-1,2-Dichloroethene	<0.0010		0.0010	0.00035	mg/L			06/16/16 14:42	1
Methyl tert-butyl ether	<0.0010		0.0010	0.00039	mg/L			06/16/16 14:42	1
1,1-Dichloroethane	<0.0010		0.0010	0.00041	mg/L			06/16/16 14:42	1
2,2-Dichloropropane	<0.0010		0.0010	0.00044	mg/L			06/16/16 14:42	1
cis-1,2-Dichloroethene	<0.0010		0.0010	0.00041	mg/L			06/16/16 14:42	1
Methyl Ethyl Ketone	<0.0050		0.0050	0.0021	mg/L			06/16/16 14:42	1
Bromochloromethane	<0.0010		0.0010	0.00043	mg/L			06/16/16 14:42	1
Chloroform	<0.0010		0.0010	0.00037	mg/L			06/16/16 14:42	1
1,1,1-Trichloroethane	<0.0010		0.0010	0.00038	mg/L			06/16/16 14:42	1
1,1-Dichloropropene	<0.0010		0.0010	0.00030	mg/L			06/16/16 14:42	1
Carbon tetrachloride	<0.0010		0.0010	0.00038	mg/L			06/16/16 14:42	1
Benzene	<0.00050		0.00050	0.00015	mg/L			06/16/16 14:42	1
1,2-Dichloroethane	<0.0010		0.0010	0.00039	mg/L			06/16/16 14:42	1
Trichloroethene	<0.00050		0.00050	0.00016	mg/L			06/16/16 14:42	1
1,2-Dichloropropane	<0.0010		0.0010	0.00043	mg/L			06/16/16 14:42	1
Dibromomethane	<0.0010		0.0010	0.00027	mg/L			06/16/16 14:42	1
Bromodichloromethane	<0.0010		0.0010	0.00037	mg/L			06/16/16 14:42	1
cis-1,3-Dichloropropene	<0.0010		0.0010	0.00042	mg/L			06/16/16 14:42	1
methyl isobutyl ketone	<0.0050		0.0050	0.0022	mg/L			06/16/16 14:42	1
Toluene	**0.00035**	**J**	0.00050	0.00015	mg/L			06/16/16 14:42	1
trans-1,3-Dichloropropene	<0.0010		0.0010	0.00036	mg/L			06/16/16 14:42	1
1,1,2-Trichloroethane	<0.0010		0.0010	0.00035	mg/L			06/16/16 14:42	1
Tetrachloroethene	<0.0010		0.0010	0.00037	mg/L			06/16/16 14:42	1
1,3-Dichloropropane	<0.0010		0.0010	0.00036	mg/L			06/16/16 14:42	1
2-Hexanone	<0.0050		0.0050	0.0016	mg/L			06/16/16 14:42	1
Dibromochloromethane	<0.0010		0.0010	0.00049	mg/L			06/16/16 14:42	1
1,2-Dibromoethane	<0.0010		0.0010	0.00039	mg/L			06/16/16 14:42	1
Chlorobenzene	<0.0010		0.0010	0.00039	mg/L			06/16/16 14:42	1
1,1,1,2-Tetrachloroethane	<0.0010		0.0010	0.00046	mg/L			06/16/16 14:42	1
Ethylbenzene	<0.00050		0.00050	0.00018	mg/L			06/16/16 14:42	1
m&p-Xylene	<0.0010		0.0010	0.00018	mg/L			06/16/16 14:42	1
o-Xylene	<0.00050		0.00050	0.00022	mg/L			06/16/16 14:42	1
Styrene	<0.0010		0.0010	0.00039	mg/L			06/16/16 14:42	1
Bromoform	<0.0010		0.0010	0.00048	mg/L			06/16/16 14:42	1
Isopropylbenzene	<0.0010		0.0010	0.00039	mg/L			06/16/16 14:42	1
Bromobenzene	<0.0010		0.0010	0.00036	mg/L			06/16/16 14:42	1
1,1,2,2-Tetrachloroethane	<0.0010		0.0010	0.00040	mg/L			06/16/16 14:42	1
1,2,3-Trichloropropane	<0.0010		0.0010	0.00041	mg/L			06/16/16 14:42	1
N-Propylbenzene	<0.0010		0.0010	0.00041	mg/L			06/16/16 14:42	1

Client Sample Results

Client: Autumnwood Consultants
Project/Site: Central Wire

TestAmerica Job ID: 500-112994-1

Client Sample ID: GP-17D

Date Collected: 06/13/16 12:35
Date Received: 06/15/16 10:00

Lab Sample ID: 500-112994-7
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorotoluene	<0.0010		0.0010	0.00031	mg/L			06/16/16 14:42	1
1,3,5-Trimethylbenzene	<0.0010		0.0010	0.00025	mg/L			06/16/16 14:42	1
4-Chlorotoluene	<0.0010		0.0010	0.00035	mg/L			06/16/16 14:42	1
tert-Butylbenzene	<0.0010		0.0010	0.00040	mg/L			06/16/16 14:42	1
1,2,4-Trimethylbenzene	<0.0010		0.0010	0.00036	mg/L			06/16/16 14:42	1
sec-Butylbenzene	<0.0010		0.0010	0.00040	mg/L			06/16/16 14:42	1
1,3-Dichlorobenzene	<0.0010		0.0010	0.00040	mg/L			06/16/16 14:42	1
p-Isopropyltoluene	<0.0010		0.0010	0.00036	mg/L			06/16/16 14:42	1
1,4-Dichlorobenzene	<0.0010		0.0010	0.00036	mg/L			06/16/16 14:42	1
n-Butylbenzene	<0.0010		0.0010	0.00039	mg/L			06/16/16 14:42	1
1,2-Dichlorobenzene	<0.0010		0.0010	0.00033	mg/L			06/16/16 14:42	1
1,2-Dibromo-3-Chloropropane	<0.0050		0.0050	0.0020	mg/L			06/16/16 14:42	1
1,2,4-Trichlorobenzene	<0.0010		0.0010	0.00034	mg/L			06/16/16 14:42	1
Hexachlorobutadiene	<0.0010		0.0010	0.00045	mg/L			06/16/16 14:42	1
Naphthalene	<0.0010		0.0010	0.00034	mg/L			06/16/16 14:42	1
1,2,3-Trichlorobenzene	<0.0010		0.0010	0.00046	mg/L			06/16/16 14:42	1
1,3-Dichloropropene, Total	<0.0010		0.0010	0.00042	mg/L			06/16/16 14:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*71 - 127*		*06/16/16 14:42*	*1*
Toluene-d8 (Surr)	*89*		*75 - 120*		*06/16/16 14:42*	*1*
4-Bromofluorobenzene (Surr)	*105*		*71 - 120*		*06/16/16 14:42*	*1*
Dibromofluoromethane	*94*		*70 - 120*		*06/16/16 14:42*	*1*

Client Sample Results

Client: Autumnwood Consultants
Project/Site: Central Wire

TestAmerica Job ID: 500-112994-1

Client Sample ID: GP-17I

Date Collected: 06/13/16 13:30
Date Received: 06/15/16 10:00

Lab Sample ID: 500-112994-8
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<0.0020		0.0020	0.00067	mg/L			06/16/16 15:07	1
Chloromethane	<0.0010		0.0010	0.00032	mg/L			06/16/16 15:07	1
Vinyl chloride	<0.00050		0.00050	0.00020	mg/L			06/16/16 15:07	1
Bromomethane	<0.0020		0.0020	0.00080	mg/L			06/16/16 15:07	1
Chloroethane	<0.0010		0.0010	0.00051	mg/L			06/16/16 15:07	1
Trichlorofluoromethane	<0.0010		0.0010	0.00043	mg/L			06/16/16 15:07	1
1,1-Dichloroethene	<0.0010		0.0010	0.00039	mg/L			06/16/16 15:07	1
Carbon disulfide	<0.0020		0.0020	0.00045	mg/L			06/16/16 15:07	1
Acetone	<0.0050		0.0050	0.0017	mg/L			06/16/16 15:07	1
Methylene Chloride	<0.0050		0.0050	0.0016	mg/L			06/16/16 15:07	1
trans-1,2-Dichloroethene	<0.0010		0.0010	0.00035	mg/L			06/16/16 15:07	1
Methyl tert-butyl ether	<0.0010		0.0010	0.00039	mg/L			06/16/16 15:07	1
1,1-Dichloroethane	<0.0010		0.0010	0.00041	mg/L			06/16/16 15:07	1
2,2-Dichloropropane	<0.0010		0.0010	0.00044	mg/L			06/16/16 15:07	1
cis-1,2-Dichloroethene	<0.0010		0.0010	0.00041	mg/L			06/16/16 15:07	1
Methyl Ethyl Ketone	<0.0050		0.0050	0.0021	mg/L			06/16/16 15:07	1
Bromochloromethane	<0.0010		0.0010	0.00043	mg/L			06/16/16 15:07	1
Chloroform	<0.0010		0.0010	0.00037	mg/L			06/16/16 15:07	1
1,1,1-Trichloroethane	<0.0010		0.0010	0.00038	mg/L			06/16/16 15:07	1
1,1-Dichloropropene	<0.0010		0.0010	0.00030	mg/L			06/16/16 15:07	1
Carbon tetrachloride	<0.0010		0.0010	0.00038	mg/L			06/16/16 15:07	1
Benzene	<0.00050		0.00050	0.00015	mg/L			06/16/16 15:07	1
1,2-Dichloroethane	<0.0010		0.0010	0.00039	mg/L			06/16/16 15:07	1
Trichloroethene	<0.00050		0.00050	0.00016	mg/L			06/16/16 15:07	1
1,2-Dichloropropane	<0.0010		0.0010	0.00043	mg/L			06/16/16 15:07	1
Dibromomethane	<0.0010		0.0010	0.00027	mg/L			06/16/16 15:07	1
Bromodichloromethane	<0.0010		0.0010	0.00037	mg/L			06/16/16 15:07	1
cis-1,3-Dichloropropene	<0.0010		0.0010	0.00042	mg/L			06/16/16 15:07	1
methyl isobutyl ketone	<0.0050		0.0050	0.0022	mg/L			06/16/16 15:07	1
Toluene	<0.00050		0.00050	0.00015	mg/L			06/16/16 15:07	1
trans-1,3-Dichloropropene	<0.0010		0.0010	0.00036	mg/L			06/16/16 15:07	1
1,1,2-Trichloroethane	<0.0010		0.0010	0.00035	mg/L			06/16/16 15:07	1
Tetrachloroethene	<0.0010		0.0010	0.00037	mg/L			06/16/16 15:07	1
1,3-Dichloropropane	<0.0010		0.0010	0.00036	mg/L			06/16/16 15:07	1
2-Hexanone	<0.0050		0.0050	0.0016	mg/L			06/16/16 15:07	1
Dibromochloromethane	<0.0010		0.0010	0.00049	mg/L			06/16/16 15:07	1
1,2-Dibromoethane	<0.0010		0.0010	0.00039	mg/L			06/16/16 15:07	1
Chlorobenzene	<0.0010		0.0010	0.00039	mg/L			06/16/16 15:07	1
1,1,1,2-Tetrachloroethane	<0.0010		0.0010	0.00046	mg/L			06/16/16 15:07	1
Ethylbenzene	<0.00050		0.00050	0.00018	mg/L			06/16/16 15:07	1
m&p-Xylene	<0.0010		0.0010	0.00018	mg/L			06/16/16 15:07	1
o-Xylene	<0.00050		0.00050	0.00022	mg/L			06/16/16 15:07	1
Styrene	<0.0010		0.0010	0.00039	mg/L			06/16/16 15:07	1
Bromoform	<0.0010		0.0010	0.00048	mg/L			06/16/16 15:07	1
Isopropylbenzene	<0.0010		0.0010	0.00039	mg/L			06/16/16 15:07	1
Bromobenzene	<0.0010		0.0010	0.00036	mg/L			06/16/16 15:07	1
1,1,2,2-Tetrachloroethane	<0.0010		0.0010	0.00040	mg/L			06/16/16 15:07	1
1,2,3-Trichloropropane	<0.0010		0.0010	0.00041	mg/L			06/16/16 15:07	1
N-Propylbenzene	<0.0010		0.0010	0.00041	mg/L			06/16/16 15:07	1

Client Sample Results

Client: Autumnwood Consultants
Project/Site: Central Wire

TestAmerica Job ID: 500-112994-1

Client Sample ID: GP-17I

Date Collected: 06/13/16 13:30
Date Received: 06/15/16 10:00

Lab Sample ID: 500-112994-8
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorotoluene	<0.0010		0.0010	0.00031	mg/L			06/16/16 15:07	1
1,3,5-Trimethylbenzene	<0.0010		0.0010	0.00025	mg/L			06/16/16 15:07	1
4-Chlorotoluene	<0.0010		0.0010	0.00035	mg/L			06/16/16 15:07	1
tert-Butylbenzene	<0.0010		0.0010	0.00040	mg/L			06/16/16 15:07	1
1,2,4-Trimethylbenzene	<0.0010		0.0010	0.00036	mg/L			06/16/16 15:07	1
sec-Butylbenzene	<0.0010		0.0010	0.00040	mg/L			06/16/16 15:07	1
1,3-Dichlorobenzene	<0.0010		0.0010	0.00040	mg/L			06/16/16 15:07	1
p-Isopropyltoluene	<0.0010		0.0010	0.00036	mg/L			06/16/16 15:07	1
1,4-Dichlorobenzene	<0.0010		0.0010	0.00036	mg/L			06/16/16 15:07	1
n-Butylbenzene	<0.0010		0.0010	0.00039	mg/L			06/16/16 15:07	1
1,2-Dichlorobenzene	<0.0010		0.0010	0.00033	mg/L			06/16/16 15:07	1
1,2-Dibromo-3-Chloropropane	<0.0050		0.0050	0.0020	mg/L			06/16/16 15:07	1
1,2,4-Trichlorobenzene	<0.0010		0.0010	0.00034	mg/L			06/16/16 15:07	1
Hexachlorobutadiene	<0.0010		0.0010	0.00045	mg/L			06/16/16 15:07	1
Naphthalene	<0.0010		0.0010	0.00034	mg/L			06/16/16 15:07	1
1,2,3-Trichlorobenzene	<0.0010		0.0010	0.00046	mg/L			06/16/16 15:07	1
1,3-Dichloropropene, Total	<0.0010		0.0010	0.00042	mg/L			06/16/16 15:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*71 - 127*		*06/16/16 15:07*	*1*
Toluene-d8 (Surr)	*91*		*75 - 120*		*06/16/16 15:07*	*1*
4-Bromofluorobenzene (Surr)	*108*		*71 - 120*		*06/16/16 15:07*	*1*
Dibromofluoromethane	*95*		*70 - 120*		*06/16/16 15:07*	*1*

Client Sample Results

Client: Autumnwood Consultants
Project/Site: Central Wire

TestAmerica Job ID: 500-112994-1

Client Sample ID: GP-17S

Date Collected: 06/13/16 14:46
Date Received: 06/15/16 10:00

Lab Sample ID: 500-112994-9
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<0.0020		0.0020	0.00067	mg/L			06/16/16 15:32	1
Chloromethane	<0.0010		0.0010	0.00032	mg/L			06/16/16 15:32	1
Vinyl chloride	<0.00050		0.00050	0.00020	mg/L			06/16/16 15:32	1
Bromomethane	<0.0020		0.0020	0.00080	mg/L			06/16/16 15:32	1
Chloroethane	<0.0010		0.0010	0.00051	mg/L			06/16/16 15:32	1
Trichlorofluoromethane	<0.0010		0.0010	0.00043	mg/L			06/16/16 15:32	1
1,1-Dichloroethene	<0.0010		0.0010	0.00039	mg/L			06/16/16 15:32	1
Carbon disulfide	<0.0020		0.0020	0.00045	mg/L			06/16/16 15:32	1
Acetone	<0.0050		0.0050	0.0017	mg/L			06/16/16 15:32	1
Methylene Chloride	<0.0050		0.0050	0.0016	mg/L			06/16/16 15:32	1
trans-1,2-Dichloroethene	<0.0010		0.0010	0.00035	mg/L			06/16/16 15:32	1
Methyl tert-butyl ether	<0.0010		0.0010	0.00039	mg/L			06/16/16 15:32	1
1,1-Dichloroethane	<0.0010		0.0010	0.00041	mg/L			06/16/16 15:32	1
2,2-Dichloropropane	<0.0010		0.0010	0.00044	mg/L			06/16/16 15:32	1
cis-1,2-Dichloroethene	<0.0010		0.0010	0.00041	mg/L			06/16/16 15:32	1
Methyl Ethyl Ketone	<0.0050		0.0050	0.0021	mg/L			06/16/16 15:32	1
Bromochloromethane	<0.0010		0.0010	0.00043	mg/L			06/16/16 15:32	1
Chloroform	<0.0010		0.0010	0.00037	mg/L			06/16/16 15:32	1
1,1,1-Trichloroethane	<0.0010		0.0010	0.00038	mg/L			06/16/16 15:32	1
1,1-Dichloropropene	<0.0010		0.0010	0.00030	mg/L			06/16/16 15:32	1
Carbon tetrachloride	<0.0010		0.0010	0.00038	mg/L			06/16/16 15:32	1
Benzene	<0.00050		0.00050	0.00015	mg/L			06/16/16 15:32	1
1,2-Dichloroethane	<0.0010		0.0010	0.00039	mg/L			06/16/16 15:32	1
Trichloroethene	<0.00050		0.00050	0.00016	mg/L			06/16/16 15:32	1
1,2-Dichloropropane	<0.0010		0.0010	0.00043	mg/L			06/16/16 15:32	1
Dibromomethane	<0.0010		0.0010	0.00027	mg/L			06/16/16 15:32	1
Bromodichloromethane	<0.0010		0.0010	0.00037	mg/L			06/16/16 15:32	1
cis-1,3-Dichloropropene	<0.0010		0.0010	0.00042	mg/L			06/16/16 15:32	1
methyl isobutyl ketone	<0.0050		0.0050	0.0022	mg/L			06/16/16 15:32	1
Toluene	<0.00050		0.00050	0.00015	mg/L			06/16/16 15:32	1
trans-1,3-Dichloropropene	<0.0010		0.0010	0.00036	mg/L			06/16/16 15:32	1
1,1,2-Trichloroethane	<0.0010		0.0010	0.00035	mg/L			06/16/16 15:32	1
Tetrachloroethene	<0.0010		0.0010	0.00037	mg/L			06/16/16 15:32	1
1,3-Dichloropropane	<0.0010		0.0010	0.00036	mg/L			06/16/16 15:32	1
2-Hexanone	<0.0050		0.0050	0.0016	mg/L			06/16/16 15:32	1
Dibromochloromethane	<0.0010		0.0010	0.00049	mg/L			06/16/16 15:32	1
1,2-Dibromoethane	<0.0010		0.0010	0.00039	mg/L			06/16/16 15:32	1
Chlorobenzene	<0.0010		0.0010	0.00039	mg/L			06/16/16 15:32	1
1,1,1,2-Tetrachloroethane	<0.0010		0.0010	0.00046	mg/L			06/16/16 15:32	1
Ethylbenzene	<0.00050		0.00050	0.00018	mg/L			06/16/16 15:32	1
m&p-Xylene	<0.0010		0.0010	0.00018	mg/L			06/16/16 15:32	1
o-Xylene	<0.00050		0.00050	0.00022	mg/L			06/16/16 15:32	1
Styrene	<0.0010		0.0010	0.00039	mg/L			06/16/16 15:32	1
Bromoform	<0.0010		0.0010	0.00048	mg/L			06/16/16 15:32	1
Isopropylbenzene	<0.0010		0.0010	0.00039	mg/L			06/16/16 15:32	1
Bromobenzene	<0.0010		0.0010	0.00036	mg/L			06/16/16 15:32	1
1,1,2,2-Tetrachloroethane	<0.0010		0.0010	0.00040	mg/L			06/16/16 15:32	1
1,2,3-Trichloropropane	<0.0010		0.0010	0.00041	mg/L			06/16/16 15:32	1
N-Propylbenzene	<0.0010		0.0010	0.00041	mg/L			06/16/16 15:32	1

Client Sample Results

Client: Autumnwood Consultants
Project/Site: Central Wire

TestAmerica Job ID: 500-112994-1

Client Sample ID: GP-17S
Date Collected: 06/13/16 14:46
Date Received: 06/15/16 10:00

Lab Sample ID: 500-112994-9
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorotoluene	<0.0010		0.0010	0.00031	mg/L			06/16/16 15:32	1
1,3,5-Trimethylbenzene	<0.0010		0.0010	0.00025	mg/L			06/16/16 15:32	1
4-Chlorotoluene	<0.0010		0.0010	0.00035	mg/L			06/16/16 15:32	1
tert-Butylbenzene	<0.0010		0.0010	0.00040	mg/L			06/16/16 15:32	1
1,2,4-Trimethylbenzene	<0.0010		0.0010	0.00036	mg/L			06/16/16 15:32	1
sec-Butylbenzene	<0.0010		0.0010	0.00040	mg/L			06/16/16 15:32	1
1,3-Dichlorobenzene	<0.0010		0.0010	0.00040	mg/L			06/16/16 15:32	1
p-Isopropyltoluene	<0.0010		0.0010	0.00036	mg/L			06/16/16 15:32	1
1,4-Dichlorobenzene	<0.0010		0.0010	0.00036	mg/L			06/16/16 15:32	1
n-Butylbenzene	<0.0010		0.0010	0.00039	mg/L			06/16/16 15:32	1
1,2-Dichlorobenzene	<0.0010		0.0010	0.00033	mg/L			06/16/16 15:32	1
1,2-Dibromo-3-Chloropropane	<0.0050		0.0050	0.0020	mg/L			06/16/16 15:32	1
1,2,4-Trichlorobenzene	<0.0010		0.0010	0.00034	mg/L			06/16/16 15:32	1
Hexachlorobutadiene	<0.0010		0.0010	0.00045	mg/L			06/16/16 15:32	1
Naphthalene	<0.0010		0.0010	0.00034	mg/L			06/16/16 15:32	1
1,2,3-Trichlorobenzene	<0.0010		0.0010	0.00046	mg/L			06/16/16 15:32	1
1,3-Dichloropropene, Total	<0.0010		0.0010	0.00042	mg/L			06/16/16 15:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*71 - 127*		*06/16/16 15:32*	*1*
Toluene-d8 (Surr)	*91*		*75 - 120*		*06/16/16 15:32*	*1*
4-Bromofluorobenzene (Surr)	*103*		*71 - 120*		*06/16/16 15:32*	*1*
Dibromofluoromethane	*96*		*70 - 120*		*06/16/16 15:32*	*1*

Client Sample Results

Client: Autumnwood Consultants
Project/Site: Central Wire

TestAmerica Job ID: 500-112994-1

Client Sample ID: Irrigation Well

Lab Sample ID: 500-112994-10

Date Collected: 06/13/16 15:30
Date Received: 06/15/16 10:00

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<0.0020		0.0020	0.00067	mg/L			06/16/16 15:57	1
Chloromethane	<0.0010		0.0010	0.00032	mg/L			06/16/16 15:57	1
Vinyl chloride	<0.00050		0.00050	0.00020	mg/L			06/16/16 15:57	1
Bromomethane	<0.0020		0.0020	0.00080	mg/L			06/16/16 15:57	1
Chloroethane	<0.0010		0.0010	0.00051	mg/L			06/16/16 15:57	1
Trichlorofluoromethane	<0.0010		0.0010	0.00043	mg/L			06/16/16 15:57	1
1,1-Dichloroethene	<0.0010		0.0010	0.00039	mg/L			06/16/16 15:57	1
Carbon disulfide	<0.0020		0.0020	0.00045	mg/L			06/16/16 15:57	1
Acetone	<0.0050		0.0050	0.0017	mg/L			06/16/16 15:57	1
Methylene Chloride	<0.0050		0.0050	0.0016	mg/L			06/16/16 15:57	1
trans-1,2-Dichloroethene	<0.0010		0.0010	0.00035	mg/L			06/16/16 15:57	1
Methyl tert-butyl ether	<0.0010		0.0010	0.00039	mg/L			06/16/16 15:57	1
1,1-Dichloroethane	<0.0010		0.0010	0.00041	mg/L			06/16/16 15:57	1
2,2-Dichloropropane	<0.0010		0.0010	0.00044	mg/L			06/16/16 15:57	1
cis-1,2-Dichloroethene	<0.0010		0.0010	0.00041	mg/L			06/16/16 15:57	1
Methyl Ethyl Ketone	<0.0050		0.0050	0.0021	mg/L			06/16/16 15:57	1
Bromochloromethane	<0.0010		0.0010	0.00043	mg/L			06/16/16 15:57	1
Chloroform	<0.0010		0.0010	0.00037	mg/L			06/16/16 15:57	1
1,1,1-Trichloroethane	<0.0010		0.0010	0.00038	mg/L			06/16/16 15:57	1
1,1-Dichloropropene	<0.0010		0.0010	0.00030	mg/L			06/16/16 15:57	1
Carbon tetrachloride	<0.0010		0.0010	0.00038	mg/L			06/16/16 15:57	1
Benzene	<0.00050		0.00050	0.00015	mg/L			06/16/16 15:57	1
1,2-Dichloroethane	<0.0010		0.0010	0.00039	mg/L			06/16/16 15:57	1
Trichloroethene	<0.00050		0.00050	0.00016	mg/L			06/16/16 15:57	1
1,2-Dichloropropane	<0.0010		0.0010	0.00043	mg/L			06/16/16 15:57	1
Dibromomethane	<0.0010		0.0010	0.00027	mg/L			06/16/16 15:57	1
Bromodichloromethane	<0.0010		0.0010	0.00037	mg/L			06/16/16 15:57	1
cis-1,3-Dichloropropene	<0.0010		0.0010	0.00042	mg/L			06/16/16 15:57	1
methyl isobutyl ketone	<0.0050		0.0050	0.0022	mg/L			06/16/16 15:57	1
Toluene	<0.00050		0.00050	0.00015	mg/L			06/16/16 15:57	1
trans-1,3-Dichloropropene	<0.0010		0.0010	0.00036	mg/L			06/16/16 15:57	1
1,1,2-Trichloroethane	<0.0010		0.0010	0.00035	mg/L			06/16/16 15:57	1
Tetrachloroethene	<0.0010		0.0010	0.00037	mg/L			06/16/16 15:57	1
1,3-Dichloropropane	<0.0010		0.0010	0.00036	mg/L			06/16/16 15:57	1
2-Hexanone	<0.0050		0.0050	0.0016	mg/L			06/16/16 15:57	1
Dibromochloromethane	<0.0010		0.0010	0.00049	mg/L			06/16/16 15:57	1
1,2-Dibromoethane	<0.0010		0.0010	0.00039	mg/L			06/16/16 15:57	1
Chlorobenzene	<0.0010		0.0010	0.00039	mg/L			06/16/16 15:57	1
1,1,1,2-Tetrachloroethane	<0.0010		0.0010	0.00046	mg/L			06/16/16 15:57	1
Ethylbenzene	<0.00050		0.00050	0.00018	mg/L			06/16/16 15:57	1
m&p-Xylene	<0.0010		0.0010	0.00018	mg/L			06/16/16 15:57	1
o-Xylene	<0.00050		0.00050	0.00022	mg/L			06/16/16 15:57	1
Styrene	<0.0010		0.0010	0.00039	mg/L			06/16/16 15:57	1
Bromoform	<0.0010		0.0010	0.00048	mg/L			06/16/16 15:57	1
Isopropylbenzene	<0.0010		0.0010	0.00039	mg/L			06/16/16 15:57	1
Bromobenzene	<0.0010		0.0010	0.00036	mg/L			06/16/16 15:57	1
1,1,2,2-Tetrachloroethane	<0.0010		0.0010	0.00040	mg/L			06/16/16 15:57	1
1,2,3-Trichloropropane	<0.0010		0.0010	0.00041	mg/L			06/16/16 15:57	1
N-Propylbenzene	<0.0010		0.0010	0.00041	mg/L			06/16/16 15:57	1

Client Sample Results

Client: Autumnwood Consultants
Project/Site: Central Wire

TestAmerica Job ID: 500-112994-1

Client Sample ID: Irrigation Well

Date Collected: 06/13/16 15:30
Date Received: 06/15/16 10:00

Lab Sample ID: 500-112994-10
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorotoluene	<0.0010		0.0010	0.00031	mg/L			06/16/16 15:57	1
1,3,5-Trimethylbenzene	<0.0010		0.0010	0.00025	mg/L			06/16/16 15:57	1
4-Chlorotoluene	<0.0010		0.0010	0.00035	mg/L			06/16/16 15:57	1
tert-Butylbenzene	<0.0010		0.0010	0.00040	mg/L			06/16/16 15:57	1
1,2,4-Trimethylbenzene	<0.0010		0.0010	0.00036	mg/L			06/16/16 15:57	1
sec-Butylbenzene	<0.0010		0.0010	0.00040	mg/L			06/16/16 15:57	1
1,3-Dichlorobenzene	<0.0010		0.0010	0.00040	mg/L			06/16/16 15:57	1
p-Isopropyltoluene	<0.0010		0.0010	0.00036	mg/L			06/16/16 15:57	1
1,4-Dichlorobenzene	<0.0010		0.0010	0.00036	mg/L			06/16/16 15:57	1
n-Butylbenzene	<0.0010		0.0010	0.00039	mg/L			06/16/16 15:57	1
1,2-Dichlorobenzene	<0.0010		0.0010	0.00033	mg/L			06/16/16 15:57	1
1,2-Dibromo-3-Chloropropane	<0.0050		0.0050	0.0020	mg/L			06/16/16 15:57	1
1,2,4-Trichlorobenzene	<0.0010		0.0010	0.00034	mg/L			06/16/16 15:57	1
Hexachlorobutadiene	<0.0010		0.0010	0.00045	mg/L			06/16/16 15:57	1
Naphthalene	<0.0010		0.0010	0.00034	mg/L			06/16/16 15:57	1
1,2,3-Trichlorobenzene	<0.0010		0.0010	0.00046	mg/L			06/16/16 15:57	1
1,3-Dichloropropene, Total	<0.0010		0.0010	0.00042	mg/L			06/16/16 15:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*71 - 127*		*06/16/16 15:57*	*1*
Toluene-d8 (Surr)	*90*		*75 - 120*		*06/16/16 15:57*	*1*
4-Bromofluorobenzene (Surr)	*106*		*71 - 120*		*06/16/16 15:57*	*1*
Dibromofluoromethane	*96*		*70 - 120*		*06/16/16 15:57*	*1*

Client Sample Results

Client: Autumnwood Consultants
Project/Site: Central Wire

TestAmerica Job ID: 500-112994-1

Client Sample ID: GP-18D

Lab Sample ID: 500-112994-11

Date Collected: 06/13/16 16:35
Date Received: 06/15/16 10:00

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<0.0020		0.0020	0.00067	mg/L			06/16/16 16:22	1
Chloromethane	<0.0010		0.0010	0.00032	mg/L			06/16/16 16:22	1
Vinyl chloride	<0.00050		0.00050	0.00020	mg/L			06/16/16 16:22	1
Bromomethane	<0.0020		0.0020	0.00080	mg/L			06/16/16 16:22	1
Chloroethane	<0.0010		0.0010	0.00051	mg/L			06/16/16 16:22	1
Trichlorofluoromethane	<0.0010		0.0010	0.00043	mg/L			06/16/16 16:22	1
1,1-Dichloroethene	<0.0010		0.0010	0.00039	mg/L			06/16/16 16:22	1
Carbon disulfide	<0.0020		0.0020	0.00045	mg/L			06/16/16 16:22	1
Acetone	<0.0050		0.0050	0.0017	mg/L			06/16/16 16:22	1
Methylene Chloride	<0.0050		0.0050	0.0016	mg/L			06/16/16 16:22	1
trans-1,2-Dichloroethene	<0.0010		0.0010	0.00035	mg/L			06/16/16 16:22	1
Methyl tert-butyl ether	<0.0010		0.0010	0.00039	mg/L			06/16/16 16:22	1
1,1-Dichloroethane	<0.0010		0.0010	0.00041	mg/L			06/16/16 16:22	1
2,2-Dichloropropane	<0.0010		0.0010	0.00044	mg/L			06/16/16 16:22	1
cis-1,2-Dichloroethene	<0.0010		0.0010	0.00041	mg/L			06/16/16 16:22	1
Methyl Ethyl Ketone	<0.0050		0.0050	0.0021	mg/L			06/16/16 16:22	1
Bromochloromethane	<0.0010		0.0010	0.00043	mg/L			06/16/16 16:22	1
Chloroform	<0.0010		0.0010	0.00037	mg/L			06/16/16 16:22	1
1,1,1-Trichloroethane	<0.0010		0.0010	0.00038	mg/L			06/16/16 16:22	1
1,1-Dichloropropene	<0.0010		0.0010	0.00030	mg/L			06/16/16 16:22	1
Carbon tetrachloride	<0.0010		0.0010	0.00038	mg/L			06/16/16 16:22	1
Benzene	**0.00032**	**J**	0.00050	0.00015	mg/L			06/16/16 16:22	1
1,2-Dichloroethane	<0.0010		0.0010	0.00039	mg/L			06/16/16 16:22	1
Trichloroethene	<0.00050		0.00050	0.00016	mg/L			06/16/16 16:22	1
1,2-Dichloropropane	<0.0010		0.0010	0.00043	mg/L			06/16/16 16:22	1
Dibromomethane	<0.0010		0.0010	0.00027	mg/L			06/16/16 16:22	1
Bromodichloromethane	<0.0010		0.0010	0.00037	mg/L			06/16/16 16:22	1
cis-1,3-Dichloropropene	<0.0010		0.0010	0.00042	mg/L			06/16/16 16:22	1
methyl isobutyl ketone	<0.0050		0.0050	0.0022	mg/L			06/16/16 16:22	1
Toluene	**0.00056**		0.00050	0.00015	mg/L			06/16/16 16:22	1
trans-1,3-Dichloropropene	<0.0010		0.0010	0.00036	mg/L			06/16/16 16:22	1
1,1,2-Trichloroethane	<0.0010		0.0010	0.00035	mg/L			06/16/16 16:22	1
Tetrachloroethene	<0.0010		0.0010	0.00037	mg/L			06/16/16 16:22	1
1,3-Dichloropropane	<0.0010		0.0010	0.00036	mg/L			06/16/16 16:22	1
2-Hexanone	<0.0050		0.0050	0.0016	mg/L			06/16/16 16:22	1
Dibromochloromethane	<0.0010		0.0010	0.00049	mg/L			06/16/16 16:22	1
1,2-Dibromoethane	<0.0010		0.0010	0.00039	mg/L			06/16/16 16:22	1
Chlorobenzene	<0.0010		0.0010	0.00039	mg/L			06/16/16 16:22	1
1,1,1,2-Tetrachloroethane	<0.0010		0.0010	0.00046	mg/L			06/16/16 16:22	1
Ethylbenzene	<0.00050		0.00050	0.00018	mg/L			06/16/16 16:22	1
m&p-Xylene	<0.0010		0.0010	0.00018	mg/L			06/16/16 16:22	1
o-Xylene	<0.00050		0.00050	0.00022	mg/L			06/16/16 16:22	1
Styrene	<0.0010		0.0010	0.00039	mg/L			06/16/16 16:22	1
Bromoform	<0.0010		0.0010	0.00048	mg/L			06/16/16 16:22	1
Isopropylbenzene	<0.0010		0.0010	0.00039	mg/L			06/16/16 16:22	1
Bromobenzene	<0.0010		0.0010	0.00036	mg/L			06/16/16 16:22	1
1,1,2,2-Tetrachloroethane	<0.0010		0.0010	0.00040	mg/L			06/16/16 16:22	1
1,2,3-Trichloropropane	<0.0010		0.0010	0.00041	mg/L			06/16/16 16:22	1
N-Propylbenzene	<0.0010		0.0010	0.00041	mg/L			06/16/16 16:22	1

Client Sample Results

Client: Autumnwood Consultants
Project/Site: Central Wire

TestAmerica Job ID: 500-112994-1

Client Sample ID: GP-18D

Date Collected: 06/13/16 16:35
Date Received: 06/15/16 10:00

Lab Sample ID: 500-112994-11
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorotoluene	<0.0010		0.0010	0.00031	mg/L			06/16/16 16:22	1
1,3,5-Trimethylbenzene	<0.0010		0.0010	0.00025	mg/L			06/16/16 16:22	1
4-Chlorotoluene	<0.0010		0.0010	0.00035	mg/L			06/16/16 16:22	1
tert-Butylbenzene	<0.0010		0.0010	0.00040	mg/L			06/16/16 16:22	1
1,2,4-Trimethylbenzene	<0.0010		0.0010	0.00036	mg/L			06/16/16 16:22	1
sec-Butylbenzene	<0.0010		0.0010	0.00040	mg/L			06/16/16 16:22	1
1,3-Dichlorobenzene	<0.0010		0.0010	0.00040	mg/L			06/16/16 16:22	1
p-Isopropyltoluene	<0.0010		0.0010	0.00036	mg/L			06/16/16 16:22	1
1,4-Dichlorobenzene	<0.0010		0.0010	0.00036	mg/L			06/16/16 16:22	1
n-Butylbenzene	<0.0010		0.0010	0.00039	mg/L			06/16/16 16:22	1
1,2-Dichlorobenzene	<0.0010		0.0010	0.00033	mg/L			06/16/16 16:22	1
1,2-Dibromo-3-Chloropropane	<0.0050		0.0050	0.0020	mg/L			06/16/16 16:22	1
1,2,4-Trichlorobenzene	<0.0010		0.0010	0.00034	mg/L			06/16/16 16:22	1
Hexachlorobutadiene	<0.0010		0.0010	0.00045	mg/L			06/16/16 16:22	1
Naphthalene	<0.0010		0.0010	0.00034	mg/L			06/16/16 16:22	1
1,2,3-Trichlorobenzene	<0.0010		0.0010	0.00046	mg/L			06/16/16 16:22	1
1,3-Dichloropropene, Total	<0.0010		0.0010	0.00042	mg/L			06/16/16 16:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*71 - 127*		*06/16/16 16:22*	*1*
Toluene-d8 (Surr)	*89*		*75 - 120*		*06/16/16 16:22*	*1*
4-Bromofluorobenzene (Surr)	*106*		*71 - 120*		*06/16/16 16:22*	*1*
Dibromofluoromethane	*95*		*70 - 120*		*06/16/16 16:22*	*1*

Client Sample Results

Client: Autumnwood Consultants
Project/Site: Central Wire

TestAmerica Job ID: 500-112994-1

Client Sample ID: GP-18I

Date Collected: 06/14/16 08:50
Date Received: 06/15/16 10:00

Lab Sample ID: 500-112994-12
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<0.0020		0.0020	0.00067	mg/L			06/16/16 16:47	1
Chloromethane	<0.0010		0.0010	0.00032	mg/L			06/16/16 16:47	1
Vinyl chloride	<0.00050		0.00050	0.00020	mg/L			06/16/16 16:47	1
Bromomethane	<0.0020		0.0020	0.00080	mg/L			06/16/16 16:47	1
Chloroethane	<0.0010		0.0010	0.00051	mg/L			06/16/16 16:47	1
Trichlorofluoromethane	<0.0010		0.0010	0.00043	mg/L			06/16/16 16:47	1
1,1-Dichloroethene	<0.0010		0.0010	0.00039	mg/L			06/16/16 16:47	1
Carbon disulfide	<0.0020		0.0020	0.00045	mg/L			06/16/16 16:47	1
Acetone	<0.0050		0.0050	0.0017	mg/L			06/16/16 16:47	1
Methylene Chloride	<0.0050		0.0050	0.0016	mg/L			06/16/16 16:47	1
trans-1,2-Dichloroethene	<0.0010		0.0010	0.00035	mg/L			06/16/16 16:47	1
Methyl tert-butyl ether	<0.0010		0.0010	0.00039	mg/L			06/16/16 16:47	1
1,1-Dichloroethane	<0.0010		0.0010	0.00041	mg/L			06/16/16 16:47	1
2,2-Dichloropropane	<0.0010		0.0010	0.00044	mg/L			06/16/16 16:47	1
cis-1,2-Dichloroethene	<0.0010		0.0010	0.00041	mg/L			06/16/16 16:47	1
Methyl Ethyl Ketone	<0.0050		0.0050	0.0021	mg/L			06/16/16 16:47	1
Bromochloromethane	<0.0010		0.0010	0.00043	mg/L			06/16/16 16:47	1
Chloroform	<0.0010		0.0010	0.00037	mg/L			06/16/16 16:47	1
1,1,1-Trichloroethane	<0.0010		0.0010	0.00038	mg/L			06/16/16 16:47	1
1,1-Dichloropropene	<0.0010		0.0010	0.00030	mg/L			06/16/16 16:47	1
Carbon tetrachloride	<0.0010		0.0010	0.00038	mg/L			06/16/16 16:47	1
Benzene	<0.00050		0.00050	0.00015	mg/L			06/16/16 16:47	1
1,2-Dichloroethane	<0.0010		0.0010	0.00039	mg/L			06/16/16 16:47	1
Trichloroethene	<0.00050		0.00050	0.00016	mg/L			06/16/16 16:47	1
1,2-Dichloropropane	<0.0010		0.0010	0.00043	mg/L			06/16/16 16:47	1
Dibromomethane	<0.0010		0.0010	0.00027	mg/L			06/16/16 16:47	1
Bromodichloromethane	<0.0010		0.0010	0.00037	mg/L			06/16/16 16:47	1
cis-1,3-Dichloropropene	<0.0010		0.0010	0.00042	mg/L			06/16/16 16:47	1
methyl isobutyl ketone	<0.0050		0.0050	0.0022	mg/L			06/16/16 16:47	1
Toluene	<0.00050		0.00050	0.00015	mg/L			06/16/16 16:47	1
trans-1,3-Dichloropropene	<0.0010		0.0010	0.00036	mg/L			06/16/16 16:47	1
1,1,2-Trichloroethane	<0.0010		0.0010	0.00035	mg/L			06/16/16 16:47	1
Tetrachloroethene	<0.0010		0.0010	0.00037	mg/L			06/16/16 16:47	1
1,3-Dichloropropane	<0.0010		0.0010	0.00036	mg/L			06/16/16 16:47	1
2-Hexanone	<0.0050		0.0050	0.0016	mg/L			06/16/16 16:47	1
Dibromochloromethane	<0.0010		0.0010	0.00049	mg/L			06/16/16 16:47	1
1,2-Dibromoethane	<0.0010		0.0010	0.00039	mg/L			06/16/16 16:47	1
Chlorobenzene	<0.0010		0.0010	0.00039	mg/L			06/16/16 16:47	1
1,1,1,2-Tetrachloroethane	<0.0010		0.0010	0.00046	mg/L			06/16/16 16:47	1
Ethylbenzene	<0.00050		0.00050	0.00018	mg/L			06/16/16 16:47	1
m&p-Xylene	<0.0010		0.0010	0.00018	mg/L			06/16/16 16:47	1
o-Xylene	<0.00050		0.00050	0.00022	mg/L			06/16/16 16:47	1
Styrene	<0.0010		0.0010	0.00039	mg/L			06/16/16 16:47	1
Bromoform	<0.0010		0.0010	0.00048	mg/L			06/16/16 16:47	1
Isopropylbenzene	<0.0010		0.0010	0.00039	mg/L			06/16/16 16:47	1
Bromobenzene	<0.0010		0.0010	0.00036	mg/L			06/16/16 16:47	1
1,1,2,2-Tetrachloroethane	<0.0010		0.0010	0.00040	mg/L			06/16/16 16:47	1
1,2,3-Trichloropropane	<0.0010		0.0010	0.00041	mg/L			06/16/16 16:47	1
N-Propylbenzene	<0.0010		0.0010	0.00041	mg/L			06/16/16 16:47	1

Client Sample Results

Client: Autumnwood Consultants
Project/Site: Central Wire

TestAmerica Job ID: 500-112994-1

Client Sample ID: GP-18I

Date Collected: 06/14/16 08:50
Date Received: 06/15/16 10:00

Lab Sample ID: 500-112994-12
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorotoluene	<0.0010		0.0010	0.00031	mg/L			06/16/16 16:47	1
1,3,5-Trimethylbenzene	<0.0010		0.0010	0.00025	mg/L			06/16/16 16:47	1
4-Chlorotoluene	<0.0010		0.0010	0.00035	mg/L			06/16/16 16:47	1
tert-Butylbenzene	<0.0010		0.0010	0.00040	mg/L			06/16/16 16:47	1
1,2,4-Trimethylbenzene	<0.0010		0.0010	0.00036	mg/L			06/16/16 16:47	1
sec-Butylbenzene	<0.0010		0.0010	0.00040	mg/L			06/16/16 16:47	1
1,3-Dichlorobenzene	<0.0010		0.0010	0.00040	mg/L			06/16/16 16:47	1
p-Isopropyltoluene	<0.0010		0.0010	0.00036	mg/L			06/16/16 16:47	1
1,4-Dichlorobenzene	<0.0010		0.0010	0.00036	mg/L			06/16/16 16:47	1
n-Butylbenzene	<0.0010		0.0010	0.00039	mg/L			06/16/16 16:47	1
1,2-Dichlorobenzene	<0.0010		0.0010	0.00033	mg/L			06/16/16 16:47	1
1,2-Dibromo-3-Chloropropane	<0.0050		0.0050	0.0020	mg/L			06/16/16 16:47	1
1,2,4-Trichlorobenzene	<0.0010		0.0010	0.00034	mg/L			06/16/16 16:47	1
Hexachlorobutadiene	<0.0010		0.0010	0.00045	mg/L			06/16/16 16:47	1
Naphthalene	<0.0010		0.0010	0.00034	mg/L			06/16/16 16:47	1
1,2,3-Trichlorobenzene	<0.0010		0.0010	0.00046	mg/L			06/16/16 16:47	1
1,3-Dichloropropene, Total	<0.0010		0.0010	0.00042	mg/L			06/16/16 16:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*71 - 127*		*06/16/16 16:47*	*1*
Toluene-d8 (Surr)	*89*		*75 - 120*		*06/16/16 16:47*	*1*
4-Bromofluorobenzene (Surr)	*105*		*71 - 120*		*06/16/16 16:47*	*1*
Dibromofluoromethane	*97*		*70 - 120*		*06/16/16 16:47*	*1*

Client Sample Results

Client: Autumnwood Consultants
Project/Site: Central Wire

TestAmerica Job ID: 500-112994-1

Client Sample ID: GP-18S

Lab Sample ID: 500-112994-13

Date Collected: 06/14/16 09:35
Date Received: 06/15/16 10:00

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<0.0020		0.0020	0.00067	mg/L			06/17/16 14:41	1
Chloromethane	<0.0010		0.0010	0.00032	mg/L			06/17/16 14:41	1
Vinyl chloride	<0.00050		0.00050	0.00020	mg/L			06/17/16 14:41	1
Bromomethane	<0.0020		0.0020	0.00080	mg/L			06/17/16 14:41	1
Chloroethane	<0.0010		0.0010	0.00051	mg/L			06/17/16 14:41	1
Trichlorofluoromethane	<0.0010		0.0010	0.00043	mg/L			06/17/16 14:41	1
1,1-Dichloroethene	**0.00076**	**J**	0.0010	0.00039	mg/L			06/17/16 14:41	1
Carbon disulfide	<0.0020		0.0020	0.00045	mg/L			06/17/16 14:41	1
Acetone	<0.0050		0.0050	0.0017	mg/L			06/17/16 14:41	1
Methylene Chloride	<0.0050		0.0050	0.0016	mg/L			06/17/16 14:41	1
trans-1,2-Dichloroethene	<0.0010		0.0010	0.00035	mg/L			06/17/16 14:41	1
Methyl tert-butyl ether	<0.0010		0.0010	0.00039	mg/L			06/17/16 14:41	1
1,1-Dichloroethane	**0.00052**	**J**	0.0010	0.00041	mg/L			06/17/16 14:41	1
2,2-Dichloropropane	<0.0010		0.0010	0.00044	mg/L			06/17/16 14:41	1
cis-1,2-Dichloroethene	<0.0010		0.0010	0.00041	mg/L			06/17/16 14:41	1
Methyl Ethyl Ketone	<0.0050		0.0050	0.0021	mg/L			06/17/16 14:41	1
Bromochloromethane	<0.0010		0.0010	0.00043	mg/L			06/17/16 14:41	1
Chloroform	<0.0010		0.0010	0.00037	mg/L			06/17/16 14:41	1
1,1,1-Trichloroethane	<0.0010		0.0010	0.00038	mg/L			06/17/16 14:41	1
1,1-Dichloropropene	<0.0010		0.0010	0.00030	mg/L			06/17/16 14:41	1
Carbon tetrachloride	<0.0010		0.0010	0.00038	mg/L			06/17/16 14:41	1
Benzene	<0.00050		0.00050	0.00015	mg/L			06/17/16 14:41	1
1,2-Dichloroethane	<0.0010		0.0010	0.00039	mg/L			06/17/16 14:41	1
Trichloroethene	<0.00050		0.00050	0.00016	mg/L			06/17/16 14:41	1
1,2-Dichloropropane	<0.0010		0.0010	0.00043	mg/L			06/17/16 14:41	1
Dibromomethane	<0.0010		0.0010	0.00027	mg/L			06/17/16 14:41	1
Bromodichloromethane	<0.0010		0.0010	0.00037	mg/L			06/17/16 14:41	1
cis-1,3-Dichloropropene	<0.0010		0.0010	0.00042	mg/L			06/17/16 14:41	1
methyl isobutyl ketone	<0.0050		0.0050	0.0022	mg/L			06/17/16 14:41	1
Toluene	<0.00050		0.00050	0.00015	mg/L			06/17/16 14:41	1
trans-1,3-Dichloropropene	<0.0010		0.0010	0.00036	mg/L			06/17/16 14:41	1
1,1,2-Trichloroethane	<0.0010		0.0010	0.00035	mg/L			06/17/16 14:41	1
Tetrachloroethene	<0.0010		0.0010	0.00037	mg/L			06/17/16 14:41	1
1,3-Dichloropropane	<0.0010		0.0010	0.00036	mg/L			06/17/16 14:41	1
2-Hexanone	<0.0050		0.0050	0.0016	mg/L			06/17/16 14:41	1
Dibromochloromethane	<0.0010		0.0010	0.00049	mg/L			06/17/16 14:41	1
1,2-Dibromoethane	<0.0010		0.0010	0.00039	mg/L			06/17/16 14:41	1
Chlorobenzene	<0.0010		0.0010	0.00039	mg/L			06/17/16 14:41	1
1,1,1,2-Tetrachloroethane	<0.0010		0.0010	0.00046	mg/L			06/17/16 14:41	1
Ethylbenzene	<0.00050		0.00050	0.00018	mg/L			06/17/16 14:41	1
m&p-Xylene	<0.0010		0.0010	0.00018	mg/L			06/17/16 14:41	1
o-Xylene	<0.00050		0.00050	0.00022	mg/L			06/17/16 14:41	1
Styrene	<0.0010		0.0010	0.00039	mg/L			06/17/16 14:41	1
Bromoform	<0.0010		0.0010	0.00048	mg/L			06/17/16 14:41	1
Isopropylbenzene	<0.0010		0.0010	0.00039	mg/L			06/17/16 14:41	1
Bromobenzene	<0.0010		0.0010	0.00036	mg/L			06/17/16 14:41	1
1,1,2,2-Tetrachloroethane	<0.0010		0.0010	0.00040	mg/L			06/17/16 14:41	1
1,2,3-Trichloropropane	<0.0010		0.0010	0.00041	mg/L			06/17/16 14:41	1
N-Propylbenzene	<0.0010		0.0010	0.00041	mg/L			06/17/16 14:41	1

Client Sample Results

Client: Autumnwood Consultants
Project/Site: Central Wire

TestAmerica Job ID: 500-112994-1

Client Sample ID: GP-18S

Date Collected: 06/14/16 09:35
Date Received: 06/15/16 10:00

Lab Sample ID: 500-112994-13
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorotoluene	<0.0010		0.0010	0.00031	mg/L			06/17/16 14:41	1
1,3,5-Trimethylbenzene	<0.0010		0.0010	0.00025	mg/L			06/17/16 14:41	1
4-Chlorotoluene	<0.0010		0.0010	0.00035	mg/L			06/17/16 14:41	1
tert-Butylbenzene	<0.0010		0.0010	0.00040	mg/L			06/17/16 14:41	1
1,2,4-Trimethylbenzene	<0.0010		0.0010	0.00036	mg/L			06/17/16 14:41	1
sec-Butylbenzene	<0.0010		0.0010	0.00040	mg/L			06/17/16 14:41	1
1,3-Dichlorobenzene	<0.0010		0.0010	0.00040	mg/L			06/17/16 14:41	1
p-Isopropyltoluene	<0.0010		0.0010	0.00036	mg/L			06/17/16 14:41	1
1,4-Dichlorobenzene	<0.0010		0.0010	0.00036	mg/L			06/17/16 14:41	1
n-Butylbenzene	<0.0010		0.0010	0.00039	mg/L			06/17/16 14:41	1
1,2-Dichlorobenzene	<0.0010		0.0010	0.00033	mg/L			06/17/16 14:41	1
1,2-Dibromo-3-Chloropropane	<0.0050		0.0050	0.0020	mg/L			06/17/16 14:41	1
1,2,4-Trichlorobenzene	<0.0010		0.0010	0.00034	mg/L			06/17/16 14:41	1
Hexachlorobutadiene	<0.0010		0.0010	0.00045	mg/L			06/17/16 14:41	1
Naphthalene	<0.0010		0.0010	0.00034	mg/L			06/17/16 14:41	1
1,2,3-Trichlorobenzene	<0.0010		0.0010	0.00046	mg/L			06/17/16 14:41	1
1,3-Dichloropropene, Total	<0.0010		0.0010	0.00042	mg/L			06/17/16 14:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*71 - 127*		*06/17/16 14:41*	*1*
Toluene-d8 (Surr)	*89*		*75 - 120*		*06/17/16 14:41*	*1*
4-Bromofluorobenzene (Surr)	*107*		*71 - 120*		*06/17/16 14:41*	*1*
Dibromofluoromethane	*95*		*70 - 120*		*06/17/16 14:41*	*1*

Client Sample Results

Client: Autumnwood Consultants
Project/Site: Central Wire

TestAmerica Job ID: 500-112994-1

Client Sample ID: GP-22D

Lab Sample ID: 500-112994-14

Date Collected: 06/14/16 11:25
Date Received: 06/15/16 10:00

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<0.0020		0.0020	0.00067	mg/L			06/17/16 15:06	1
Chloromethane	<0.0010		0.0010	0.00032	mg/L			06/17/16 15:06	1
Vinyl chloride	<0.00050		0.00050	0.00020	mg/L			06/17/16 15:06	1
Bromomethane	<0.0020		0.0020	0.00080	mg/L			06/17/16 15:06	1
Chloroethane	<0.0010		0.0010	0.00051	mg/L			06/17/16 15:06	1
Trichlorofluoromethane	<0.0010		0.0010	0.00043	mg/L			06/17/16 15:06	1
1,1-Dichloroethene	<0.0010		0.0010	0.00039	mg/L			06/17/16 15:06	1
Carbon disulfide	<0.0020		0.0020	0.00045	mg/L			06/17/16 15:06	1
Acetone	<0.0050		0.0050	0.0017	mg/L			06/17/16 15:06	1
Methylene Chloride	<0.0050		0.0050	0.0016	mg/L			06/17/16 15:06	1
trans-1,2-Dichloroethene	<0.0010		0.0010	0.00035	mg/L			06/17/16 15:06	1
Methyl tert-butyl ether	<0.0010		0.0010	0.00039	mg/L			06/17/16 15:06	1
1,1-Dichloroethane	<0.0010		0.0010	0.00041	mg/L			06/17/16 15:06	1
2,2-Dichloropropane	<0.0010		0.0010	0.00044	mg/L			06/17/16 15:06	1
cis-1,2-Dichloroethene	<0.0010		0.0010	0.00041	mg/L			06/17/16 15:06	1
Methyl Ethyl Ketone	<0.0050		0.0050	0.0021	mg/L			06/17/16 15:06	1
Bromochloromethane	<0.0010		0.0010	0.00043	mg/L			06/17/16 15:06	1
Chloroform	<0.0010		0.0010	0.00037	mg/L			06/17/16 15:06	1
1,1,1-Trichloroethane	<0.0010		0.0010	0.00038	mg/L			06/17/16 15:06	1
1,1-Dichloropropene	<0.0010		0.0010	0.00030	mg/L			06/17/16 15:06	1
Carbon tetrachloride	<0.0010		0.0010	0.00038	mg/L			06/17/16 15:06	1
Benzene	<0.00050		0.00050	0.00015	mg/L			06/17/16 15:06	1
1,2-Dichloroethane	<0.0010		0.0010	0.00039	mg/L			06/17/16 15:06	1
Trichloroethene	<0.00050		0.00050	0.00016	mg/L			06/17/16 15:06	1
1,2-Dichloropropane	<0.0010		0.0010	0.00043	mg/L			06/17/16 15:06	1
Dibromomethane	<0.0010		0.0010	0.00027	mg/L			06/17/16 15:06	1
Bromodichloromethane	<0.0010		0.0010	0.00037	mg/L			06/17/16 15:06	1
cis-1,3-Dichloropropene	<0.0010		0.0010	0.00042	mg/L			06/17/16 15:06	1
methyl isobutyl ketone	<0.0050		0.0050	0.0022	mg/L			06/17/16 15:06	1
Toluene	**0.00031**	**J**	0.00050	0.00015	mg/L			06/17/16 15:06	1
trans-1,3-Dichloropropene	<0.0010		0.0010	0.00036	mg/L			06/17/16 15:06	1
1,1,2-Trichloroethane	<0.0010		0.0010	0.00035	mg/L			06/17/16 15:06	1
Tetrachloroethene	<0.0010		0.0010	0.00037	mg/L			06/17/16 15:06	1
1,3-Dichloropropane	<0.0010		0.0010	0.00036	mg/L			06/17/16 15:06	1
2-Hexanone	<0.0050		0.0050	0.0016	mg/L			06/17/16 15:06	1
Dibromochloromethane	<0.0010		0.0010	0.00049	mg/L			06/17/16 15:06	1
1,2-Dibromoethane	<0.0010		0.0010	0.00039	mg/L			06/17/16 15:06	1
Chlorobenzene	<0.0010		0.0010	0.00039	mg/L			06/17/16 15:06	1
1,1,1,2-Tetrachloroethane	<0.0010		0.0010	0.00046	mg/L			06/17/16 15:06	1
Ethylbenzene	<0.00050		0.00050	0.00018	mg/L			06/17/16 15:06	1
m&p-Xylene	<0.0010		0.0010	0.00018	mg/L			06/17/16 15:06	1
o-Xylene	<0.00050		0.00050	0.00022	mg/L			06/17/16 15:06	1
Styrene	<0.0010		0.0010	0.00039	mg/L			06/17/16 15:06	1
Bromoform	<0.0010		0.0010	0.00048	mg/L			06/17/16 15:06	1
Isopropylbenzene	<0.0010		0.0010	0.00039	mg/L			06/17/16 15:06	1
Bromobenzene	<0.0010		0.0010	0.00036	mg/L			06/17/16 15:06	1
1,1,2,2-Tetrachloroethane	<0.0010		0.0010	0.00040	mg/L			06/17/16 15:06	1
1,2,3-Trichloropropane	<0.0010		0.0010	0.00041	mg/L			06/17/16 15:06	1
N-Propylbenzene	<0.0010		0.0010	0.00041	mg/L			06/17/16 15:06	1

Client Sample Results

Client: Autumnwood Consultants
Project/Site: Central Wire

TestAmerica Job ID: 500-112994-1

Client Sample ID: GP-22D

Date Collected: 06/14/16 11:25
Date Received: 06/15/16 10:00

Lab Sample ID: 500-112994-14
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorotoluene	<0.0010		0.0010	0.00031	mg/L			06/17/16 15:06	1
1,3,5-Trimethylbenzene	<0.0010		0.0010	0.00025	mg/L			06/17/16 15:06	1
4-Chlorotoluene	<0.0010		0.0010	0.00035	mg/L			06/17/16 15:06	1
tert-Butylbenzene	<0.0010		0.0010	0.00040	mg/L			06/17/16 15:06	1
1,2,4-Trimethylbenzene	<0.0010		0.0010	0.00036	mg/L			06/17/16 15:06	1
sec-Butylbenzene	<0.0010		0.0010	0.00040	mg/L			06/17/16 15:06	1
1,3-Dichlorobenzene	<0.0010		0.0010	0.00040	mg/L			06/17/16 15:06	1
p-Isopropyltoluene	<0.0010		0.0010	0.00036	mg/L			06/17/16 15:06	1
1,4-Dichlorobenzene	<0.0010		0.0010	0.00036	mg/L			06/17/16 15:06	1
n-Butylbenzene	<0.0010		0.0010	0.00039	mg/L			06/17/16 15:06	1
1,2-Dichlorobenzene	<0.0010		0.0010	0.00033	mg/L			06/17/16 15:06	1
1,2-Dibromo-3-Chloropropane	<0.0050		0.0050	0.0020	mg/L			06/17/16 15:06	1
1,2,4-Trichlorobenzene	<0.0010		0.0010	0.00034	mg/L			06/17/16 15:06	1
Hexachlorobutadiene	<0.0010		0.0010	0.00045	mg/L			06/17/16 15:06	1
Naphthalene	<0.0010		0.0010	0.00034	mg/L			06/17/16 15:06	1
1,2,3-Trichlorobenzene	<0.0010		0.0010	0.00046	mg/L			06/17/16 15:06	1
1,3-Dichloropropene, Total	<0.0010		0.0010	0.00042	mg/L			06/17/16 15:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*71 - 127*		*06/17/16 15:06*	*1*
Toluene-d8 (Surr)	*89*		*75 - 120*		*06/17/16 15:06*	*1*
4-Bromofluorobenzene (Surr)	*105*		*71 - 120*		*06/17/16 15:06*	*1*
Dibromofluoromethane	*96*		*70 - 120*		*06/17/16 15:06*	*1*

Client Sample Results

Client: Autumnwood Consultants
Project/Site: Central Wire

TestAmerica Job ID: 500-112994-1

Client Sample ID: GP-22I

Date Collected: 06/14/16 12:10
Date Received: 06/15/16 10:00

Lab Sample ID: 500-112994-15
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<0.0020		0.0020	0.00067	mg/L			06/17/16 15:31	1
Chloromethane	<0.0010		0.0010	0.00032	mg/L			06/17/16 15:31	1
Vinyl chloride	<0.00050		0.00050	0.00020	mg/L			06/17/16 15:31	1
Bromomethane	<0.0020		0.0020	0.00080	mg/L			06/17/16 15:31	1
Chloroethane	<0.0010		0.0010	0.00051	mg/L			06/17/16 15:31	1
Trichlorofluoromethane	<0.0010		0.0010	0.00043	mg/L			06/17/16 15:31	1
1,1-Dichloroethene	<0.0010		0.0010	0.00039	mg/L			06/17/16 15:31	1
Carbon disulfide	<0.0020		0.0020	0.00045	mg/L			06/17/16 15:31	1
Acetone	<0.0050		0.0050	0.0017	mg/L			06/17/16 15:31	1
Methylene Chloride	<0.0050		0.0050	0.0016	mg/L			06/17/16 15:31	1
trans-1,2-Dichloroethene	<0.0010		0.0010	0.00035	mg/L			06/17/16 15:31	1
Methyl tert-butyl ether	<0.0010		0.0010	0.00039	mg/L			06/17/16 15:31	1
1,1-Dichloroethane	<0.0010		0.0010	0.00041	mg/L			06/17/16 15:31	1
2,2-Dichloropropane	<0.0010		0.0010	0.00044	mg/L			06/17/16 15:31	1
cis-1,2-Dichloroethene	<0.0010		0.0010	0.00041	mg/L			06/17/16 15:31	1
Methyl Ethyl Ketone	<0.0050		0.0050	0.0021	mg/L			06/17/16 15:31	1
Bromochloromethane	<0.0010		0.0010	0.00043	mg/L			06/17/16 15:31	1
Chloroform	<0.0010		0.0010	0.00037	mg/L			06/17/16 15:31	1
1,1,1-Trichloroethane	<0.0010		0.0010	0.00038	mg/L			06/17/16 15:31	1
1,1-Dichloropropene	<0.0010		0.0010	0.00030	mg/L			06/17/16 15:31	1
Carbon tetrachloride	<0.0010		0.0010	0.00038	mg/L			06/17/16 15:31	1
Benzene	<0.00050		0.00050	0.00015	mg/L			06/17/16 15:31	1
1,2-Dichloroethane	<0.0010		0.0010	0.00039	mg/L			06/17/16 15:31	1
Trichloroethene	<0.00050		0.00050	0.00016	mg/L			06/17/16 15:31	1
1,2-Dichloropropane	<0.0010		0.0010	0.00043	mg/L			06/17/16 15:31	1
Dibromomethane	<0.0010		0.0010	0.00027	mg/L			06/17/16 15:31	1
Bromodichloromethane	<0.0010		0.0010	0.00037	mg/L			06/17/16 15:31	1
cis-1,3-Dichloropropene	<0.0010		0.0010	0.00042	mg/L			06/17/16 15:31	1
methyl isobutyl ketone	<0.0050		0.0050	0.0022	mg/L			06/17/16 15:31	1
Toluene	**0.00026**	**J**	0.00050	0.00015	mg/L			06/17/16 15:31	1
trans-1,3-Dichloropropene	<0.0010		0.0010	0.00036	mg/L			06/17/16 15:31	1
1,1,2-Trichloroethane	<0.0010		0.0010	0.00035	mg/L			06/17/16 15:31	1
Tetrachloroethene	<0.0010		0.0010	0.00037	mg/L			06/17/16 15:31	1
1,3-Dichloropropane	<0.0010		0.0010	0.00036	mg/L			06/17/16 15:31	1
2-Hexanone	<0.0050		0.0050	0.0016	mg/L			06/17/16 15:31	1
Dibromochloromethane	<0.0010		0.0010	0.00049	mg/L			06/17/16 15:31	1
1,2-Dibromoethane	<0.0010		0.0010	0.00039	mg/L			06/17/16 15:31	1
Chlorobenzene	<0.0010		0.0010	0.00039	mg/L			06/17/16 15:31	1
1,1,1,2-Tetrachloroethane	<0.0010		0.0010	0.00046	mg/L			06/17/16 15:31	1
Ethylbenzene	<0.00050		0.00050	0.00018	mg/L			06/17/16 15:31	1
m&p-Xylene	<0.0010		0.0010	0.00018	mg/L			06/17/16 15:31	1
o-Xylene	<0.00050		0.00050	0.00022	mg/L			06/17/16 15:31	1
Styrene	<0.0010		0.0010	0.00039	mg/L			06/17/16 15:31	1
Bromoform	<0.0010		0.0010	0.00048	mg/L			06/17/16 15:31	1
Isopropylbenzene	<0.0010		0.0010	0.00039	mg/L			06/17/16 15:31	1
Bromobenzene	<0.0010		0.0010	0.00036	mg/L			06/17/16 15:31	1
1,1,2,2-Tetrachloroethane	<0.0010		0.0010	0.00040	mg/L			06/17/16 15:31	1
1,2,3-Trichloropropane	<0.0010		0.0010	0.00041	mg/L			06/17/16 15:31	1
N-Propylbenzene	<0.0010		0.0010	0.00041	mg/L			06/17/16 15:31	1

Client Sample Results

Client: Autumnwood Consultants
Project/Site: Central Wire

TestAmerica Job ID: 500-112994-1

Client Sample ID: GP-22I

Date Collected: 06/14/16 12:10
Date Received: 06/15/16 10:00

Lab Sample ID: 500-112994-15
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorotoluene	<0.0010		0.0010	0.00031	mg/L			06/17/16 15:31	1
1,3,5-Trimethylbenzene	<0.0010		0.0010	0.00025	mg/L			06/17/16 15:31	1
4-Chlorotoluene	<0.0010		0.0010	0.00035	mg/L			06/17/16 15:31	1
tert-Butylbenzene	<0.0010		0.0010	0.00040	mg/L			06/17/16 15:31	1
1,2,4-Trimethylbenzene	<0.0010		0.0010	0.00036	mg/L			06/17/16 15:31	1
sec-Butylbenzene	<0.0010		0.0010	0.00040	mg/L			06/17/16 15:31	1
1,3-Dichlorobenzene	<0.0010		0.0010	0.00040	mg/L			06/17/16 15:31	1
p-Isopropyltoluene	<0.0010		0.0010	0.00036	mg/L			06/17/16 15:31	1
1,4-Dichlorobenzene	<0.0010		0.0010	0.00036	mg/L			06/17/16 15:31	1
n-Butylbenzene	<0.0010		0.0010	0.00039	mg/L			06/17/16 15:31	1
1,2-Dichlorobenzene	<0.0010		0.0010	0.00033	mg/L			06/17/16 15:31	1
1,2-Dibromo-3-Chloropropane	<0.0050		0.0050	0.0020	mg/L			06/17/16 15:31	1
1,2,4-Trichlorobenzene	<0.0010		0.0010	0.00034	mg/L			06/17/16 15:31	1
Hexachlorobutadiene	<0.0010		0.0010	0.00045	mg/L			06/17/16 15:31	1
Naphthalene	<0.0010		0.0010	0.00034	mg/L			06/17/16 15:31	1
1,2,3-Trichlorobenzene	<0.0010		0.0010	0.00046	mg/L			06/17/16 15:31	1
1,3-Dichloropropene, Total	<0.0010		0.0010	0.00042	mg/L			06/17/16 15:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*71 - 127*		*06/17/16 15:31*	*1*
Toluene-d8 (Surr)	*90*		*75 - 120*		*06/17/16 15:31*	*1*
4-Bromofluorobenzene (Surr)	*106*		*71 - 120*		*06/17/16 15:31*	*1*
Dibromofluoromethane	*94*		*70 - 120*		*06/17/16 15:31*	*1*

Client Sample Results

Client: Autumnwood Consultants
Project/Site: Central Wire

TestAmerica Job ID: 500-112994-1

Client Sample ID: GP-22S

Date Collected: 06/14/16 12:45
Date Received: 06/15/16 10:00

Lab Sample ID: 500-112994-16
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<0.0020		0.0020	0.00067	mg/L			06/17/16 15:56	1
Chloromethane	<0.0010		0.0010	0.00032	mg/L			06/17/16 15:56	1
Vinyl chloride	<0.00050		0.00050	0.00020	mg/L			06/17/16 15:56	1
Bromomethane	<0.0020		0.0020	0.00080	mg/L			06/17/16 15:56	1
Chloroethane	<0.0010		0.0010	0.00051	mg/L			06/17/16 15:56	1
Trichlorofluoromethane	<0.0010		0.0010	0.00043	mg/L			06/17/16 15:56	1
1,1-Dichloroethene	<0.0010		0.0010	0.00039	mg/L			06/17/16 15:56	1
Carbon disulfide	<0.0020		0.0020	0.00045	mg/L			06/17/16 15:56	1
Acetone	<0.0050		0.0050	0.0017	mg/L			06/17/16 15:56	1
Methylene Chloride	<0.0050		0.0050	0.0016	mg/L			06/17/16 15:56	1
trans-1,2-Dichloroethene	<0.0010		0.0010	0.00035	mg/L			06/17/16 15:56	1
Methyl tert-butyl ether	<0.0010		0.0010	0.00039	mg/L			06/17/16 15:56	1
1,1-Dichloroethane	<0.0010		0.0010	0.00041	mg/L			06/17/16 15:56	1
2,2-Dichloropropane	<0.0010		0.0010	0.00044	mg/L			06/17/16 15:56	1
cis-1,2-Dichloroethene	<0.0010		0.0010	0.00041	mg/L			06/17/16 15:56	1
Methyl Ethyl Ketone	<0.0050		0.0050	0.0021	mg/L			06/17/16 15:56	1
Bromochloromethane	<0.0010		0.0010	0.00043	mg/L			06/17/16 15:56	1
Chloroform	<0.0010		0.0010	0.00037	mg/L			06/17/16 15:56	1
1,1,1-Trichloroethane	**0.0031**		0.0010	0.00038	mg/L			06/17/16 15:56	1
1,1-Dichloropropene	<0.0010		0.0010	0.00030	mg/L			06/17/16 15:56	1
Carbon tetrachloride	<0.0010		0.0010	0.00038	mg/L			06/17/16 15:56	1
Benzene	**0.00026**	J	0.00050	0.00015	mg/L			06/17/16 15:56	1
1,2-Dichloroethane	<0.0010		0.0010	0.00039	mg/L			06/17/16 15:56	1
Trichloroethene	**0.00068**		0.00050	0.00016	mg/L			06/17/16 15:56	1
1,2-Dichloropropane	<0.0010		0.0010	0.00043	mg/L			06/17/16 15:56	1
Dibromomethane	<0.0010		0.0010	0.00027	mg/L			06/17/16 15:56	1
Bromodichloromethane	<0.0010		0.0010	0.00037	mg/L			06/17/16 15:56	1
cis-1,3-Dichloropropene	<0.0010		0.0010	0.00042	mg/L			06/17/16 15:56	1
methyl isobutyl ketone	<0.0050		0.0050	0.0022	mg/L			06/17/16 15:56	1
Toluene	**0.00036**	J	0.00050	0.00015	mg/L			06/17/16 15:56	1
trans-1,3-Dichloropropene	<0.0010		0.0010	0.00036	mg/L			06/17/16 15:56	1
1,1,2-Trichloroethane	<0.0010		0.0010	0.00035	mg/L			06/17/16 15:56	1
Tetrachloroethene	<0.0010		0.0010	0.00037	mg/L			06/17/16 15:56	1
1,3-Dichloropropane	<0.0010		0.0010	0.00036	mg/L			06/17/16 15:56	1
2-Hexanone	<0.0050		0.0050	0.0016	mg/L			06/17/16 15:56	1
Dibromochloromethane	<0.0010		0.0010	0.00049	mg/L			06/17/16 15:56	1
1,2-Dibromoethane	<0.0010		0.0010	0.00039	mg/L			06/17/16 15:56	1
Chlorobenzene	<0.0010		0.0010	0.00039	mg/L			06/17/16 15:56	1
1,1,1,2-Tetrachloroethane	<0.0010		0.0010	0.00046	mg/L			06/17/16 15:56	1
Ethylbenzene	<0.00050		0.00050	0.00018	mg/L			06/17/16 15:56	1
m&p-Xylene	<0.0010		0.0010	0.00018	mg/L			06/17/16 15:56	1
o-Xylene	<0.00050		0.00050	0.00022	mg/L			06/17/16 15:56	1
Styrene	<0.0010		0.0010	0.00039	mg/L			06/17/16 15:56	1
Bromoform	<0.0010		0.0010	0.00048	mg/L			06/17/16 15:56	1
Isopropylbenzene	<0.0010		0.0010	0.00039	mg/L			06/17/16 15:56	1
Bromobenzene	<0.0010		0.0010	0.00036	mg/L			06/17/16 15:56	1
1,1,2,2-Tetrachloroethane	<0.0010		0.0010	0.00040	mg/L			06/17/16 15:56	1
1,2,3-Trichloropropane	<0.0010		0.0010	0.00041	mg/L			06/17/16 15:56	1
N-Propylbenzene	<0.0010		0.0010	0.00041	mg/L			06/17/16 15:56	1

Client Sample Results

Client: Autumnwood Consultants
Project/Site: Central Wire

TestAmerica Job ID: 500-112994-1

Client Sample ID: GP-22S
Date Collected: 06/14/16 12:45
Date Received: 06/15/16 10:00

Lab Sample ID: 500-112994-16
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorotoluene	<0.0010		0.0010	0.00031	mg/L			06/17/16 15:56	1
1,3,5-Trimethylbenzene	<0.0010		0.0010	0.00025	mg/L			06/17/16 15:56	1
4-Chlorotoluene	<0.0010		0.0010	0.00035	mg/L			06/17/16 15:56	1
tert-Butylbenzene	<0.0010		0.0010	0.00040	mg/L			06/17/16 15:56	1
1,2,4-Trimethylbenzene	<0.0010		0.0010	0.00036	mg/L			06/17/16 15:56	1
sec-Butylbenzene	<0.0010		0.0010	0.00040	mg/L			06/17/16 15:56	1
1,3-Dichlorobenzene	<0.0010		0.0010	0.00040	mg/L			06/17/16 15:56	1
p-Isopropyltoluene	<0.0010		0.0010	0.00036	mg/L			06/17/16 15:56	1
1,4-Dichlorobenzene	<0.0010		0.0010	0.00036	mg/L			06/17/16 15:56	1
n-Butylbenzene	<0.0010		0.0010	0.00039	mg/L			06/17/16 15:56	1
1,2-Dichlorobenzene	<0.0010		0.0010	0.00033	mg/L			06/17/16 15:56	1
1,2-Dibromo-3-Chloropropane	<0.0050		0.0050	0.0020	mg/L			06/17/16 15:56	1
1,2,4-Trichlorobenzene	<0.0010		0.0010	0.00034	mg/L			06/17/16 15:56	1
Hexachlorobutadiene	<0.0010		0.0010	0.00045	mg/L			06/17/16 15:56	1
Naphthalene	<0.0010		0.0010	0.00034	mg/L			06/17/16 15:56	1
1,2,3-Trichlorobenzene	<0.0010		0.0010	0.00046	mg/L			06/17/16 15:56	1
1,3-Dichloropropene, Total	<0.0010		0.0010	0.00042	mg/L			06/17/16 15:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*71 - 127*		*06/17/16 15:56*	*1*
Toluene-d8 (Surr)	*87*		*75 - 120*		*06/17/16 15:56*	*1*
4-Bromofluorobenzene (Surr)	*106*		*71 - 120*		*06/17/16 15:56*	*1*
Dibromofluoromethane	*96*		*70 - 120*		*06/17/16 15:56*	*1*

Client Sample Results

Client: Autumnwood Consultants
Project/Site: Central Wire

TestAmerica Job ID: 500-112994-1

Client Sample ID: GP-25I

Date Collected: 06/14/16 14:05
Date Received: 06/15/16 10:00

Lab Sample ID: 500-112994-17
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<0.0020		0.0020	0.00067	mg/L			06/17/16 16:21	1
Chloromethane	<0.0010		0.0010	0.00032	mg/L			06/17/16 16:21	1
Vinyl chloride	<0.00050		0.00050	0.00020	mg/L			06/17/16 16:21	1
Bromomethane	<0.0020		0.0020	0.00080	mg/L			06/17/16 16:21	1
Chloroethane	<0.0010		0.0010	0.00051	mg/L			06/17/16 16:21	1
Trichlorofluoromethane	<0.0010		0.0010	0.00043	mg/L			06/17/16 16:21	1
1,1-Dichloroethene	<0.0010		0.0010	0.00039	mg/L			06/17/16 16:21	1
Carbon disulfide	<0.0020		0.0020	0.00045	mg/L			06/17/16 16:21	1
Acetone	<0.0050		0.0050	0.0017	mg/L			06/17/16 16:21	1
Methylene Chloride	<0.0050		0.0050	0.0016	mg/L			06/17/16 16:21	1
trans-1,2-Dichloroethene	<0.0010		0.0010	0.00035	mg/L			06/17/16 16:21	1
Methyl tert-butyl ether	<0.0010		0.0010	0.00039	mg/L			06/17/16 16:21	1
1,1-Dichloroethane	<0.0010		0.0010	0.00041	mg/L			06/17/16 16:21	1
2,2-Dichloropropane	<0.0010		0.0010	0.00044	mg/L			06/17/16 16:21	1
cis-1,2-Dichloroethene	<0.0010		0.0010	0.00041	mg/L			06/17/16 16:21	1
Methyl Ethyl Ketone	<0.0050		0.0050	0.0021	mg/L			06/17/16 16:21	1
Bromochloromethane	<0.0010		0.0010	0.00043	mg/L			06/17/16 16:21	1
Chloroform	<0.0010		0.0010	0.00037	mg/L			06/17/16 16:21	1
1,1,1-Trichloroethane	<0.0010		0.0010	0.00038	mg/L			06/17/16 16:21	1
1,1-Dichloropropene	<0.0010		0.0010	0.00030	mg/L			06/17/16 16:21	1
Carbon tetrachloride	<0.0010		0.0010	0.00038	mg/L			06/17/16 16:21	1
Benzene	<0.00050		0.00050	0.00015	mg/L			06/17/16 16:21	1
1,2-Dichloroethane	<0.0010		0.0010	0.00039	mg/L			06/17/16 16:21	1
Trichloroethene	<0.00050		0.00050	0.00016	mg/L			06/17/16 16:21	1
1,2-Dichloropropane	<0.0010		0.0010	0.00043	mg/L			06/17/16 16:21	1
Dibromomethane	<0.0010		0.0010	0.00027	mg/L			06/17/16 16:21	1
Bromodichloromethane	<0.0010		0.0010	0.00037	mg/L			06/17/16 16:21	1
cis-1,3-Dichloropropene	<0.0010		0.0010	0.00042	mg/L			06/17/16 16:21	1
methyl isobutyl ketone	<0.0050		0.0050	0.0022	mg/L			06/17/16 16:21	1
Toluene	**0.00031**	**J**	0.00050	0.00015	mg/L			06/17/16 16:21	1
trans-1,3-Dichloropropene	<0.0010		0.0010	0.00036	mg/L			06/17/16 16:21	1
1,1,2-Trichloroethane	<0.0010		0.0010	0.00035	mg/L			06/17/16 16:21	1
Tetrachloroethene	<0.0010		0.0010	0.00037	mg/L			06/17/16 16:21	1
1,3-Dichloropropane	<0.0010		0.0010	0.00036	mg/L			06/17/16 16:21	1
2-Hexanone	<0.0050		0.0050	0.0016	mg/L			06/17/16 16:21	1
Dibromochloromethane	<0.0010		0.0010	0.00049	mg/L			06/17/16 16:21	1
1,2-Dibromoethane	<0.0010		0.0010	0.00039	mg/L			06/17/16 16:21	1
Chlorobenzene	<0.0010		0.0010	0.00039	mg/L			06/17/16 16:21	1
1,1,1,2-Tetrachloroethane	<0.0010		0.0010	0.00046	mg/L			06/17/16 16:21	1
Ethylbenzene	<0.00050		0.00050	0.00018	mg/L			06/17/16 16:21	1
m&p-Xylene	<0.0010		0.0010	0.00018	mg/L			06/17/16 16:21	1
o-Xylene	<0.00050		0.00050	0.00022	mg/L			06/17/16 16:21	1
Styrene	<0.0010		0.0010	0.00039	mg/L			06/17/16 16:21	1
Bromoform	<0.0010		0.0010	0.00048	mg/L			06/17/16 16:21	1
Isopropylbenzene	<0.0010		0.0010	0.00039	mg/L			06/17/16 16:21	1
Bromobenzene	<0.0010		0.0010	0.00036	mg/L			06/17/16 16:21	1
1,1,2,2-Tetrachloroethane	<0.0010		0.0010	0.00040	mg/L			06/17/16 16:21	1
1,2,3-Trichloropropane	<0.0010		0.0010	0.00041	mg/L			06/17/16 16:21	1
N-Propylbenzene	<0.0010		0.0010	0.00041	mg/L			06/17/16 16:21	1

Client Sample Results

Client: Autumnwood Consultants
Project/Site: Central Wire

TestAmerica Job ID: 500-112994-1

Client Sample ID: GP-25I

Date Collected: 06/14/16 14:05
Date Received: 06/15/16 10:00

Lab Sample ID: 500-112994-17
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorotoluene	<0.0010		0.0010	0.00031	mg/L			06/17/16 16:21	1
1,3,5-Trimethylbenzene	<0.0010		0.0010	0.00025	mg/L			06/17/16 16:21	1
4-Chlorotoluene	<0.0010		0.0010	0.00035	mg/L			06/17/16 16:21	1
tert-Butylbenzene	<0.0010		0.0010	0.00040	mg/L			06/17/16 16:21	1
1,2,4-Trimethylbenzene	<0.0010		0.0010	0.00036	mg/L			06/17/16 16:21	1
sec-Butylbenzene	<0.0010		0.0010	0.00040	mg/L			06/17/16 16:21	1
1,3-Dichlorobenzene	<0.0010		0.0010	0.00040	mg/L			06/17/16 16:21	1
p-Isopropyltoluene	<0.0010		0.0010	0.00036	mg/L			06/17/16 16:21	1
1,4-Dichlorobenzene	<0.0010		0.0010	0.00036	mg/L			06/17/16 16:21	1
n-Butylbenzene	<0.0010		0.0010	0.00039	mg/L			06/17/16 16:21	1
1,2-Dichlorobenzene	<0.0010		0.0010	0.00033	mg/L			06/17/16 16:21	1
1,2-Dibromo-3-Chloropropane	<0.0050		0.0050	0.0020	mg/L			06/17/16 16:21	1
1,2,4-Trichlorobenzene	<0.0010		0.0010	0.00034	mg/L			06/17/16 16:21	1
Hexachlorobutadiene	<0.0010		0.0010	0.00045	mg/L			06/17/16 16:21	1
Naphthalene	<0.0010		0.0010	0.00034	mg/L			06/17/16 16:21	1
1,2,3-Trichlorobenzene	<0.0010		0.0010	0.00046	mg/L			06/17/16 16:21	1
1,3-Dichloropropene, Total	<0.0010		0.0010	0.00042	mg/L			06/17/16 16:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*71 - 127*		*06/17/16 16:21*	*1*
Toluene-d8 (Surr)	*88*		*75 - 120*		*06/17/16 16:21*	*1*
4-Bromofluorobenzene (Surr)	*106*		*71 - 120*		*06/17/16 16:21*	*1*
Dibromofluoromethane	*92*		*70 - 120*		*06/17/16 16:21*	*1*

Client Sample Results

Client: Autumnwood Consultants
Project/Site: Central Wire

TestAmerica Job ID: 500-112994-1

Client Sample ID: FB 6

Lab Sample ID: 500-112994-18

Date Collected: 06/14/16 10:00
Date Received: 06/15/16 10:00

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<0.0020		0.0020	0.00067	mg/L			06/17/16 16:47	1
Chloromethane	<0.0010		0.0010	0.00032	mg/L			06/17/16 16:47	1
Vinyl chloride	<0.00050		0.00050	0.00020	mg/L			06/17/16 16:47	1
Bromomethane	<0.0020		0.0020	0.00080	mg/L			06/17/16 16:47	1
Chloroethane	<0.0010		0.0010	0.00051	mg/L			06/17/16 16:47	1
Trichlorofluoromethane	<0.0010		0.0010	0.00043	mg/L			06/17/16 16:47	1
1,1-Dichloroethene	<0.0010		0.0010	0.00039	mg/L			06/17/16 16:47	1
Carbon disulfide	<0.0020		0.0020	0.00045	mg/L			06/17/16 16:47	1
Acetone	**0.0075**		0.0050	0.0017	mg/L			06/17/16 16:47	1
Methylene Chloride	<0.0050		0.0050	0.0016	mg/L			06/17/16 16:47	1
trans-1,2-Dichloroethene	<0.0010		0.0010	0.00035	mg/L			06/17/16 16:47	1
Methyl tert-butyl ether	<0.0010		0.0010	0.00039	mg/L			06/17/16 16:47	1
1,1-Dichloroethane	<0.0010		0.0010	0.00041	mg/L			06/17/16 16:47	1
2,2-Dichloropropane	<0.0010		0.0010	0.00044	mg/L			06/17/16 16:47	1
cis-1,2-Dichloroethene	<0.0010		0.0010	0.00041	mg/L			06/17/16 16:47	1
Methyl Ethyl Ketone	<0.0050		0.0050	0.0021	mg/L			06/17/16 16:47	1
Bromochloromethane	<0.0010		0.0010	0.00043	mg/L			06/17/16 16:47	1
Chloroform	<0.0010		0.0010	0.00037	mg/L			06/17/16 16:47	1
1,1,1-Trichloroethane	<0.0010		0.0010	0.00038	mg/L			06/17/16 16:47	1
1,1-Dichloropropene	<0.0010		0.0010	0.00030	mg/L			06/17/16 16:47	1
Carbon tetrachloride	<0.0010		0.0010	0.00038	mg/L			06/17/16 16:47	1
Benzene	<0.00050		0.00050	0.00015	mg/L			06/17/16 16:47	1
1,2-Dichloroethane	<0.0010		0.0010	0.00039	mg/L			06/17/16 16:47	1
Trichloroethene	<0.00050		0.00050	0.00016	mg/L			06/17/16 16:47	1
1,2-Dichloropropane	<0.0010		0.0010	0.00043	mg/L			06/17/16 16:47	1
Dibromomethane	<0.0010		0.0010	0.00027	mg/L			06/17/16 16:47	1
Bromodichloromethane	<0.0010		0.0010	0.00037	mg/L			06/17/16 16:47	1
cis-1,3-Dichloropropene	<0.0010		0.0010	0.00042	mg/L			06/17/16 16:47	1
methyl isobutyl ketone	<0.0050		0.0050	0.0022	mg/L			06/17/16 16:47	1
Toluene	**0.00028**	**J**	0.00050	0.00015	mg/L			06/17/16 16:47	1
trans-1,3-Dichloropropene	<0.0010		0.0010	0.00036	mg/L			06/17/16 16:47	1
1,1,2-Trichloroethane	<0.0010		0.0010	0.00035	mg/L			06/17/16 16:47	1
Tetrachloroethene	<0.0010		0.0010	0.00037	mg/L			06/17/16 16:47	1
1,3-Dichloropropane	<0.0010		0.0010	0.00036	mg/L			06/17/16 16:47	1
2-Hexanone	<0.0050		0.0050	0.0016	mg/L			06/17/16 16:47	1
Dibromochloromethane	<0.0010		0.0010	0.00049	mg/L			06/17/16 16:47	1
1,2-Dibromoethane	<0.0010		0.0010	0.00039	mg/L			06/17/16 16:47	1
Chlorobenzene	<0.0010		0.0010	0.00039	mg/L			06/17/16 16:47	1
1,1,1,2-Tetrachloroethane	<0.0010		0.0010	0.00046	mg/L			06/17/16 16:47	1
Ethylbenzene	<0.00050		0.00050	0.00018	mg/L			06/17/16 16:47	1
m&p-Xylene	<0.0010		0.0010	0.00018	mg/L			06/17/16 16:47	1
o-Xylene	<0.00050		0.00050	0.00022	mg/L			06/17/16 16:47	1
Styrene	<0.0010		0.0010	0.00039	mg/L			06/17/16 16:47	1
Bromoform	<0.0010		0.0010	0.00048	mg/L			06/17/16 16:47	1
Isopropylbenzene	<0.0010		0.0010	0.00039	mg/L			06/17/16 16:47	1
Bromobenzene	<0.0010		0.0010	0.00036	mg/L			06/17/16 16:47	1
1,1,2,2-Tetrachloroethane	<0.0010		0.0010	0.00040	mg/L			06/17/16 16:47	1
1,2,3-Trichloropropane	<0.0010		0.0010	0.00041	mg/L			06/17/16 16:47	1
N-Propylbenzene	<0.0010		0.0010	0.00041	mg/L			06/17/16 16:47	1

Client Sample Results

Client: Autumnwood Consultants
Project/Site: Central Wire

TestAmerica Job ID: 500-112994-1

Client Sample ID: FB 6

Date Collected: 06/14/16 10:00
Date Received: 06/15/16 10:00

Lab Sample ID: 500-112994-18
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorotoluene	<0.0010		0.0010	0.00031	mg/L			06/17/16 16:47	1
1,3,5-Trimethylbenzene	<0.0010		0.0010	0.00025	mg/L			06/17/16 16:47	1
4-Chlorotoluene	<0.0010		0.0010	0.00035	mg/L			06/17/16 16:47	1
tert-Butylbenzene	<0.0010		0.0010	0.00040	mg/L			06/17/16 16:47	1
1,2,4-Trimethylbenzene	<0.0010		0.0010	0.00036	mg/L			06/17/16 16:47	1
sec-Butylbenzene	<0.0010		0.0010	0.00040	mg/L			06/17/16 16:47	1
1,3-Dichlorobenzene	<0.0010		0.0010	0.00040	mg/L			06/17/16 16:47	1
p-Isopropyltoluene	<0.0010		0.0010	0.00036	mg/L			06/17/16 16:47	1
1,4-Dichlorobenzene	<0.0010		0.0010	0.00036	mg/L			06/17/16 16:47	1
n-Butylbenzene	<0.0010		0.0010	0.00039	mg/L			06/17/16 16:47	1
1,2-Dichlorobenzene	<0.0010		0.0010	0.00033	mg/L			06/17/16 16:47	1
1,2-Dibromo-3-Chloropropane	<0.0050		0.0050	0.0020	mg/L			06/17/16 16:47	1
1,2,4-Trichlorobenzene	<0.0010		0.0010	0.00034	mg/L			06/17/16 16:47	1
Hexachlorobutadiene	<0.0010		0.0010	0.00045	mg/L			06/17/16 16:47	1
Naphthalene	<0.0010		0.0010	0.00034	mg/L			06/17/16 16:47	1
1,2,3-Trichlorobenzene	<0.0010		0.0010	0.00046	mg/L			06/17/16 16:47	1
1,3-Dichloropropene, Total	<0.0010		0.0010	0.00042	mg/L			06/17/16 16:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*71 - 127*		*06/17/16 16:47*	*1*
Toluene-d8 (Surr)	*90*		*75 - 120*		*06/17/16 16:47*	*1*
4-Bromofluorobenzene (Surr)	*106*		*71 - 120*		*06/17/16 16:47*	*1*
Dibromofluoromethane	*95*		*70 - 120*		*06/17/16 16:47*	*1*

Definitions/Glossary

Client: Autumnwood Consultants
Project/Site: Central Wire

TestAmerica Job ID: 500-112994-1

Qualifiers

GC/MS VOA

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

Glossary

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

QC Association Summary

Client: Autumnwood Consultants
Project/Site: Central Wire

TestAmerica Job ID: 500-112994-1

GC/MS VOA

Analysis Batch: 340046

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-112994-1	GP-3S	Total/NA	Water	8260B	
500-112994-2	GP-16D	Total/NA	Water	8260B	
500-112994-3	GP-16I	Total/NA	Water	8260B	
500-112994-4	GP-16S	Total/NA	Water	8260B	
500-112994-5	DUP 4	Total/NA	Water	8260B	
500-112994-6	FB 5	Total/NA	Water	8260B	
500-112994-7	GP-17D	Total/NA	Water	8260B	
500-112994-8	GP-17I	Total/NA	Water	8260B	
500-112994-9	GP-17S	Total/NA	Water	8260B	
500-112994-10	Irrigation Well	Total/NA	Water	8260B	
500-112994-11	GP-18D	Total/NA	Water	8260B	
500-112994-12	GP-18I	Total/NA	Water	8260B	
500-112994-12 MS	GP-18I	Total/NA	Water	8260B	
500-112994-12 MSD	GP-18I	Total/NA	Water	8260B	
LCS 500-340046/7	Lab Control Sample	Total/NA	Water	8260B	
MB 500-340046/9	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 340239

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-112994-13	GP-18S	Total/NA	Water	8260B	
500-112994-14	GP-22D	Total/NA	Water	8260B	
500-112994-15	GP-22I	Total/NA	Water	8260B	
500-112994-16	GP-22S	Total/NA	Water	8260B	
500-112994-17	GP-25I	Total/NA	Water	8260B	
500-112994-18	FB 6	Total/NA	Water	8260B	
500-112994-18 MS	FB 6	Total/NA	Water	8260B	
500-112994-18 MSD	FB 6	Total/NA	Water	8260B	
LCS 500-340239/4	Lab Control Sample	Total/NA	Water	8260B	
MB 500-340239/6	Method Blank	Total/NA	Water	8260B	

Surrogate Summary

Client: Autumnwood Consultants
Project/Site: Central Wire

TestAmerica Job ID: 500-112994-1

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

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	12DCE (71-127)	TOL (75-120)	BFB (71-120)	DBFM (70-120)
500-112994-1	GP-3S	107	89	107	93
500-112994-2	GP-16D	107	90	107	94
500-112994-3	GP-16I	109	89	104	93
500-112994-4	GP-16S	107	89	106	97
500-112994-5	DUP 4	106	88	110	97
500-112994-6	FB 5	104	87	104	95
500-112994-7	GP-17D	108	89	105	94
500-112994-8	GP-17I	107	91	108	95
500-112994-9	GP-17S	105	91	103	96
500-112994-10	Irrigation Well	107	90	106	96
500-112994-11	GP-18D	108	89	106	95
500-112994-12	GP-18I	112	89	105	97
500-112994-12 MS	GP-18I	107	93	94	95
500-112994-12 MSD	GP-18I	103	94	91	93
500-112994-13	GP-18S	107	89	107	95
500-112994-14	GP-22D	107	89	105	96
500-112994-15	GP-22I	107	90	106	94
500-112994-16	GP-22S	110	87	106	96
500-112994-17	GP-25I	109	88	106	92
500-112994-18	FB 6	107	90	106	95
500-112994-18 MS	FB 6	102	90	95	97
500-112994-18 MSD	FB 6	101	88	95	95
LCS 500-340046/7	Lab Control Sample	100	97	90	91
LCS 500-340239/4	Lab Control Sample	104	91	93	93
MB 500-340046/9	Method Blank	107	90	104	94
MB 500-340239/6	Method Blank	105	87	106	92

Surrogate Legend

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

QC Sample Results

Client: Autumnwood Consultants
Project/Site: Central Wire

TestAmerica Job ID: 500-112994-1

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

Lab Sample ID: MB 500-340046/9
Matrix: Water
Analysis Batch: 340046

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<0.0020		0.0020	0.00067	mg/L			06/16/16 09:17	1
Chloromethane	<0.0010		0.0010	0.00032	mg/L			06/16/16 09:17	1
Vinyl chloride	<0.00050		0.00050	0.00020	mg/L			06/16/16 09:17	1
Bromomethane	<0.0020		0.0020	0.00080	mg/L			06/16/16 09:17	1
Chloroethane	<0.0010		0.0010	0.00051	mg/L			06/16/16 09:17	1
Trichlorofluoromethane	<0.0010		0.0010	0.00043	mg/L			06/16/16 09:17	1
1,1-Dichloroethene	<0.0010		0.0010	0.00039	mg/L			06/16/16 09:17	1
Carbon disulfide	<0.0020		0.0020	0.00045	mg/L			06/16/16 09:17	1
Acetone	<0.0050		0.0050	0.0017	mg/L			06/16/16 09:17	1
Methylene Chloride	<0.0050		0.0050	0.0016	mg/L			06/16/16 09:17	1
trans-1,2-Dichloroethene	<0.0010		0.0010	0.00035	mg/L			06/16/16 09:17	1
Methyl tert-butyl ether	<0.0010		0.0010	0.00039	mg/L			06/16/16 09:17	1
1,1-Dichloroethane	<0.0010		0.0010	0.00041	mg/L			06/16/16 09:17	1
2,2-Dichloropropane	<0.0010		0.0010	0.00044	mg/L			06/16/16 09:17	1
cis-1,2-Dichloroethene	<0.0010		0.0010	0.00041	mg/L			06/16/16 09:17	1
Methyl Ethyl Ketone	<0.0050		0.0050	0.0021	mg/L			06/16/16 09:17	1
Bromochloromethane	<0.0010		0.0010	0.00043	mg/L			06/16/16 09:17	1
Chloroform	<0.0010		0.0010	0.00037	mg/L			06/16/16 09:17	1
1,1,1-Trichloroethane	<0.0010		0.0010	0.00038	mg/L			06/16/16 09:17	1
1,1-Dichloropropene	<0.0010		0.0010	0.00030	mg/L			06/16/16 09:17	1
Carbon tetrachloride	<0.0010		0.0010	0.00038	mg/L			06/16/16 09:17	1
Benzene	<0.00050		0.00050	0.00015	mg/L			06/16/16 09:17	1
1,2-Dichloroethane	<0.0010		0.0010	0.00039	mg/L			06/16/16 09:17	1
Trichloroethene	<0.00050		0.00050	0.00016	mg/L			06/16/16 09:17	1
1,2-Dichloropropane	<0.0010		0.0010	0.00043	mg/L			06/16/16 09:17	1
Dibromomethane	<0.0010		0.0010	0.00027	mg/L			06/16/16 09:17	1
Bromodichloromethane	<0.0010		0.0010	0.00037	mg/L			06/16/16 09:17	1
cis-1,3-Dichloropropene	<0.0010		0.0010	0.00042	mg/L			06/16/16 09:17	1
methyl isobutyl ketone	<0.0050		0.0050	0.0022	mg/L			06/16/16 09:17	1
Toluene	<0.00050		0.00050	0.00015	mg/L			06/16/16 09:17	1
trans-1,3-Dichloropropene	<0.0010		0.0010	0.00036	mg/L			06/16/16 09:17	1
1,1,2-Trichloroethane	<0.0010		0.0010	0.00035	mg/L			06/16/16 09:17	1
Tetrachloroethene	<0.0010		0.0010	0.00037	mg/L			06/16/16 09:17	1
1,3-Dichloropropane	<0.0010		0.0010	0.00036	mg/L			06/16/16 09:17	1
2-Hexanone	<0.0050		0.0050	0.0016	mg/L			06/16/16 09:17	1
Dibromochloromethane	<0.0010		0.0010	0.00049	mg/L			06/16/16 09:17	1
1,2-Dibromoethane	<0.0010		0.0010	0.00039	mg/L			06/16/16 09:17	1
Chlorobenzene	<0.0010		0.0010	0.00039	mg/L			06/16/16 09:17	1
1,1,1,2-Tetrachloroethane	<0.0010		0.0010	0.00046	mg/L			06/16/16 09:17	1
Ethylbenzene	<0.00050		0.00050	0.00018	mg/L			06/16/16 09:17	1
m&p-Xylene	<0.0010		0.0010	0.00018	mg/L			06/16/16 09:17	1
o-Xylene	<0.00050		0.00050	0.00022	mg/L			06/16/16 09:17	1
Styrene	<0.0010		0.0010	0.00039	mg/L			06/16/16 09:17	1
Bromoform	<0.0010		0.0010	0.00048	mg/L			06/16/16 09:17	1
Isopropylbenzene	<0.0010		0.0010	0.00039	mg/L			06/16/16 09:17	1
Bromobenzene	<0.0010		0.0010	0.00036	mg/L			06/16/16 09:17	1
1,1,2,2-Tetrachloroethane	<0.0010		0.0010	0.00040	mg/L			06/16/16 09:17	1
1,2,3-Trichloropropane	<0.0010		0.0010	0.00041	mg/L			06/16/16 09:17	1

QC Sample Results

Client: Autumnwood Consultants
Project/Site: Central Wire

TestAmerica Job ID: 500-112994-1

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

Lab Sample ID: MB 500-340046/9
Matrix: Water
Analysis Batch: 340046

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	<0.0010		0.0010	0.00041	mg/L			06/16/16 09:17	1
2-Chlorotoluene	<0.0010		0.0010	0.00031	mg/L			06/16/16 09:17	1
1,3,5-Trimethylbenzene	<0.0010		0.0010	0.00025	mg/L			06/16/16 09:17	1
4-Chlorotoluene	<0.0010		0.0010	0.00035	mg/L			06/16/16 09:17	1
tert-Butylbenzene	<0.0010		0.0010	0.00040	mg/L			06/16/16 09:17	1
1,2,4-Trimethylbenzene	<0.0010		0.0010	0.00036	mg/L			06/16/16 09:17	1
sec-Butylbenzene	<0.0010		0.0010	0.00040	mg/L			06/16/16 09:17	1
1,3-Dichlorobenzene	<0.0010		0.0010	0.00040	mg/L			06/16/16 09:17	1
p-Isopropyltoluene	<0.0010		0.0010	0.00036	mg/L			06/16/16 09:17	1
1,4-Dichlorobenzene	<0.0010		0.0010	0.00036	mg/L			06/16/16 09:17	1
n-Butylbenzene	<0.0010		0.0010	0.00039	mg/L			06/16/16 09:17	1
1,2-Dichlorobenzene	<0.0010		0.0010	0.00033	mg/L			06/16/16 09:17	1
1,2-Dibromo-3-Chloropropane	<0.0050		0.0050	0.0020	mg/L			06/16/16 09:17	1
1,2,4-Trichlorobenzene	<0.0010		0.0010	0.00034	mg/L			06/16/16 09:17	1
Hexachlorobutadiene	<0.0010		0.0010	0.00045	mg/L			06/16/16 09:17	1
Naphthalene	<0.0010		0.0010	0.00034	mg/L			06/16/16 09:17	1
1,2,3-Trichlorobenzene	<0.0010		0.0010	0.00046	mg/L			06/16/16 09:17	1
1,3-Dichloropropene, Total	<0.0010		0.0010	0.00042	mg/L			06/16/16 09:17	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*71 - 127*		*06/16/16 09:17*	*1*
Toluene-d8 (Surr)	*90*		*75 - 120*		*06/16/16 09:17*	*1*
4-Bromofluorobenzene (Surr)	*104*		*71 - 120*		*06/16/16 09:17*	*1*
Dibromofluoromethane	*94*		*70 - 120*		*06/16/16 09:17*	*1*

Lab Sample ID: LCS 500-340046/7
Matrix: Water
Analysis Batch: 340046

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dichlorodifluoromethane	0.0500	0.0508		mg/L		102	51 - 140
Chloromethane	0.0500	0.0577		mg/L		115	60 - 140
Vinyl chloride	0.0500	0.0500		mg/L		100	70 - 126
Bromomethane	0.0500	0.0662		mg/L		132	40 - 150
Chloroethane	0.0500	0.0634		mg/L		127	60 - 139
Trichlorofluoromethane	0.0500	0.0595		mg/L		119	60 - 126
1,1-Dichloroethene	0.0500	0.0473		mg/L		95	70 - 125
Carbon disulfide	0.0500	0.0474		mg/L		95	68 - 125
Acetone	0.0500	0.0471		mg/L		94	37 - 141
Methylene Chloride	0.0500	0.0450		mg/L		90	68 - 125
trans-1,2-Dichloroethene	0.0500	0.0482		mg/L		96	70 - 125
Methyl tert-butyl ether	0.0500	0.0457		mg/L		91	67 - 125
1,1-Dichloroethane	0.0500	0.0520		mg/L		104	70 - 125
2,2-Dichloropropane	0.0500	0.0503		mg/L		101	62 - 125
cis-1,2-Dichloroethene	0.0500	0.0466		mg/L		93	70 - 125
Methyl Ethyl Ketone	0.0500	0.0527		mg/L		105	52 - 142
Bromochloromethane	0.0500	0.0472		mg/L		94	70 - 125
Chloroform	0.0500	0.0510		mg/L		102	70 - 125

QC Sample Results

Client: Autumnwood Consultants
Project/Site: Central Wire

TestAmerica Job ID: 500-112994-1

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

Lab Sample ID: LCS 500-340046/7
Matrix: Water
Analysis Batch: 340046

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	0.0500	0.0535		mg/L		107	70 - 125
1,1-Dichloropropene	0.0500	0.0509		mg/L		102	70 - 125
Carbon tetrachloride	0.0500	0.0537		mg/L		107	70 - 125
Benzene	0.0500	0.0476		mg/L		95	70 - 125
1,2-Dichloroethane	0.0500	0.0542		mg/L		108	70 - 125
Trichloroethene	0.0500	0.0483		mg/L		97	70 - 125
1,2-Dichloropropane	0.0500	0.0492		mg/L		98	70 - 125
Dibromomethane	0.0500	0.0477		mg/L		95	70 - 125
Bromodichloromethane	0.0500	0.0499		mg/L		100	70 - 125
cis-1,3-Dichloropropene	0.0500	0.0488		mg/L		98	70 - 125
methyl isobutyl ketone	0.0500	0.0572		mg/L		114	47 - 140
Toluene	0.0500	0.0506		mg/L		101	70 - 125
trans-1,3-Dichloropropene	0.0500	0.0499		mg/L		100	70 - 125
1,1,2-Trichloroethane	0.0500	0.0496		mg/L		99	70 - 125
Tetrachloroethene	0.0500	0.0523		mg/L		105	70 - 125
1,3-Dichloropropane	0.0500	0.0502		mg/L		100	70 - 125
2-Hexanone	0.0500	0.0600		mg/L		120	49 - 139
Dibromochloromethane	0.0500	0.0513		mg/L		103	66 - 125
1,2-Dibromoethane	0.0500	0.0477		mg/L		95	70 - 125
Chlorobenzene	0.0500	0.0508		mg/L		102	70 - 125
1,1,1,2-Tetrachloroethane	0.0500	0.0484		mg/L		97	68 - 125
Ethylbenzene	0.0500	0.0498		mg/L		100	70 - 125
m&p-Xylene	0.0500	0.0502		mg/L		100	70 - 125
o-Xylene	0.0500	0.0507		mg/L		101	70 - 125
Styrene	0.0500	0.0506		mg/L		101	70 - 125
Bromoform	0.0500	0.0485		mg/L		97	54 - 128
Isopropylbenzene	0.0500	0.0498		mg/L		100	70 - 125
Bromobenzene	0.0500	0.0487		mg/L		97	70 - 125
1,1,2,2-Tetrachloroethane	0.0500	0.0468		mg/L		94	68 - 125
1,2,3-Trichloropropane	0.0500	0.0485		mg/L		97	63 - 125
N-Propylbenzene	0.0500	0.0514		mg/L		103	70 - 125
2-Chlorotoluene	0.0500	0.0496		mg/L		99	69 - 125
1,3,5-Trimethylbenzene	0.0500	0.0499		mg/L		100	70 - 125
4-Chlorotoluene	0.0500	0.0503		mg/L		101	70 - 125
tert-Butylbenzene	0.0500	0.0508		mg/L		102	70 - 125
1,2,4-Trimethylbenzene	0.0500	0.0510		mg/L		102	70 - 125
sec-Butylbenzene	0.0500	0.0527		mg/L		105	70 - 125
1,3-Dichlorobenzene	0.0500	0.0496		mg/L		99	70 - 125
p-Isopropyltoluene	0.0500	0.0526		mg/L		105	70 - 125
1,4-Dichlorobenzene	0.0500	0.0500		mg/L		100	70 - 125
n-Butylbenzene	0.0500	0.0529		mg/L		106	70 - 125
1,2-Dichlorobenzene	0.0500	0.0487		mg/L		97	70 - 125
1,2-Dibromo-3-Chloropropane	0.0500	0.0416		mg/L		83	51 - 125
1,2,4-Trichlorobenzene	0.0500	0.0469		mg/L		94	64 - 126
Hexachlorobutadiene	0.0500	0.0536		mg/L		107	57 - 140
Naphthalene	0.0500	0.0442		mg/L		88	50 - 136
1,2,3-Trichlorobenzene	0.0500	0.0443		mg/L		89	58 - 135

QC Sample Results

Client: Autumnwood Consultants
Project/Site: Central Wire

TestAmerica Job ID: 500-112994-1

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

Lab Sample ID: LCS 500-340046/7
Matrix: Water
Analysis Batch: 340046

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

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*71 - 127*
Toluene-d8 (Surr)	*97*		*75 - 120*
4-Bromofluorobenzene (Surr)	*90*		*71 - 120*
Dibromofluoromethane	*91*		*70 - 120*

Lab Sample ID: 500-112994-12 MS
Matrix: Water
Analysis Batch: 340046

Client Sample ID: GP-18I
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Dichlorodifluoromethane	<0.0020		0.0500	0.0460		mg/L		92	51 - 140
Chloromethane	<0.0010		0.0500	0.0581		mg/L		116	60 - 140
Vinyl chloride	<0.00050		0.0500	0.0494		mg/L		99	70 - 126
Bromomethane	<0.0020		0.0500	0.0605		mg/L		121	40 - 150
Chloroethane	<0.0010		0.0500	0.0586		mg/L		117	60 - 139
Trichlorofluoromethane	<0.0010		0.0500	0.0521		mg/L		104	60 - 126
1,1-Dichloroethene	<0.0010		0.0500	0.0471		mg/L		94	70 - 125
Carbon disulfide	<0.0020		0.0500	0.0455		mg/L		91	68 - 125
Acetone	<0.0050		0.0500	0.0561		mg/L		112	37 - 141
Methylene Chloride	<0.0050		0.0500	0.0459		mg/L		92	68 - 125
trans-1,2-Dichloroethene	<0.0010		0.0500	0.0471		mg/L		94	70 - 125
Methyl tert-butyl ether	<0.0010		0.0500	0.0464		mg/L		93	67 - 125
1,1-Dichloroethane	<0.0010		0.0500	0.0519		mg/L		104	70 - 125
2,2-Dichloropropane	<0.0010		0.0500	0.0449		mg/L		90	62 - 125
cis-1,2-Dichloroethene	<0.0010		0.0500	0.0475		mg/L		95	70 - 125
Methyl Ethyl Ketone	<0.0050		0.0500	0.0558		mg/L		112	52 - 142
Bromochloromethane	<0.0010		0.0500	0.0496		mg/L		99	70 - 125
Chloroform	<0.0010		0.0500	0.0508		mg/L		102	70 - 125
1,1,1-Trichloroethane	<0.0010		0.0500	0.0501		mg/L		100	70 - 125
1,1-Dichloropropene	<0.0010		0.0500	0.0503		mg/L		101	70 - 125
Carbon tetrachloride	<0.0010		0.0500	0.0506		mg/L		101	70 - 125
Benzene	<0.00050		0.0500	0.0484		mg/L		97	70 - 125
1,2-Dichloroethane	<0.0010		0.0500	0.0574		mg/L		115	70 - 125
Trichloroethene	<0.00050		0.0500	0.0482		mg/L		96	70 - 125
1,2-Dichloropropane	<0.0010		0.0500	0.0509		mg/L		102	70 - 125
Dibromomethane	<0.0010		0.0500	0.0514		mg/L		103	70 - 125
Bromodichloromethane	<0.0010		0.0500	0.0510		mg/L		102	70 - 125
cis-1,3-Dichloropropene	<0.0010		0.0500	0.0483		mg/L		97	70 - 125
methyl isobutyl ketone	<0.0050		0.0500	0.0577		mg/L		115	47 - 140
Toluene	<0.00050		0.0500	0.0489		mg/L		98	70 - 125
trans-1,3-Dichloropropene	<0.0010		0.0500	0.0499		mg/L		100	70 - 125
1,1,2-Trichloroethane	<0.0010		0.0500	0.0499		mg/L		100	70 - 125
Tetrachloroethene	<0.0010		0.0500	0.0485		mg/L		97	70 - 125
1,3-Dichloropropane	<0.0010		0.0500	0.0528		mg/L		106	70 - 125
2-Hexanone	<0.0050		0.0500	0.0589		mg/L		118	49 - 139
Dibromochloromethane	<0.0010		0.0500	0.0524		mg/L		105	66 - 125
1,2-Dibromoethane	<0.0010		0.0500	0.0498		mg/L		100	70 - 125
Chlorobenzene	<0.0010		0.0500	0.0499		mg/L		100	70 - 125

QC Sample Results

Client: Autumnwood Consultants
Project/Site: Central Wire

TestAmerica Job ID: 500-112994-1

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

Lab Sample ID: 500-112994-12 MS
Matrix: Water
Analysis Batch: 340046

Client Sample ID: GP-18I
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	<0.0010		0.0500	0.0502		mg/L		100	68 - 125
Ethylbenzene	<0.00050		0.0500	0.0488		mg/L		98	70 - 125
m&p-Xylene	<0.0010		0.0500	0.0488		mg/L		98	70 - 125
o-Xylene	<0.00050		0.0500	0.0496		mg/L		99	70 - 125
Styrene	<0.0010		0.0500	0.0502		mg/L		100	70 - 125
Bromoform	<0.0010		0.0500	0.0481		mg/L		96	54 - 128
Isopropylbenzene	<0.0010		0.0500	0.0499		mg/L		100	70 - 125
Bromobenzene	<0.0010		0.0500	0.0502		mg/L		100	70 - 125
1,1,2,2-Tetrachloroethane	<0.0010		0.0500	0.0484		mg/L		97	68 - 125
1,2,3-Trichloropropane	<0.0010		0.0500	0.0499		mg/L		100	63 - 125
N-Propylbenzene	<0.0010		0.0500	0.0498		mg/L		100	70 - 125
2-Chlorotoluene	<0.0010		0.0500	0.0492		mg/L		98	69 - 125
1,3,5-Trimethylbenzene	<0.0010		0.0500	0.0510		mg/L		102	70 - 125
4-Chlorotoluene	<0.0010		0.0500	0.0504		mg/L		101	70 - 125
tert-Butylbenzene	<0.0010		0.0500	0.0509		mg/L		102	70 - 125
1,2,4-Trimethylbenzene	<0.0010		0.0500	0.0504		mg/L		101	70 - 125
sec-Butylbenzene	<0.0010		0.0500	0.0523		mg/L		105	70 - 125
1,3-Dichlorobenzene	<0.0010		0.0500	0.0496		mg/L		99	70 - 125
p-Isopropyltoluene	<0.0010		0.0500	0.0510		mg/L		102	70 - 125
1,4-Dichlorobenzene	<0.0010		0.0500	0.0503		mg/L		101	70 - 125
n-Butylbenzene	<0.0010		0.0500	0.0485		mg/L		97	70 - 125
1,2-Dichlorobenzene	<0.0010		0.0500	0.0494		mg/L		99	70 - 125
1,2-Dibromo-3-Chloropropane	<0.0050		0.0500	0.0422		mg/L		84	51 - 125
1,2,4-Trichlorobenzene	<0.0010		0.0500	0.0434		mg/L		87	64 - 126
Hexachlorobutadiene	<0.0010		0.0500	0.0505		mg/L		101	57 - 140
Naphthalene	<0.0010		0.0500	0.0440		mg/L		88	50 - 136
1,2,3-Trichlorobenzene	<0.0010		0.0500	0.0447		mg/L		89	58 - 135

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*107*		*71 - 127*
Toluene-d8 (Surr)	*93*		*75 - 120*
4-Bromofluorobenzene (Surr)	*94*		*71 - 120*
Dibromofluoromethane	*95*		*70 - 120*

Lab Sample ID: 500-112994-12 MSD
Matrix: Water
Analysis Batch: 340046

Client Sample ID: GP-18I
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Dichlorodifluoromethane	<0.0020		0.0500	0.0472		mg/L		94	51 - 140	3	20
Chloromethane	<0.0010		0.0500	0.0583		mg/L		117	60 - 140	0	20
Vinyl chloride	<0.00050		0.0500	0.0474		mg/L		95	70 - 126	4	20
Bromomethane	<0.0020		0.0500	0.0524		mg/L		105	40 - 150	14	20
Chloroethane	<0.0010		0.0500	0.0572		mg/L		114	60 - 139	2	20
Trichlorofluoromethane	<0.0010		0.0500	0.0496		mg/L		99	60 - 126	5	20
1,1-Dichloroethene	<0.0010		0.0500	0.0465		mg/L		93	70 - 125	1	20
Carbon disulfide	<0.0020		0.0500	0.0452		mg/L		90	68 - 125	1	20
Acetone	<0.0050		0.0500	0.0516		mg/L		103	37 - 141	8	20

QC Sample Results

Client: Autumnwood Consultants
Project/Site: Central Wire

TestAmerica Job ID: 500-112994-1

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

Lab Sample ID: 500-112994-12 MSD
Matrix: Water
Analysis Batch: 340046

Client Sample ID: GP-18I
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Methylene Chloride	<0.0050		0.0500	0.0457		mg/L		91	68 - 125	0	20
trans-1,2-Dichloroethene	<0.0010		0.0500	0.0466		mg/L		93	70 - 125	1	20
Methyl tert-butyl ether	<0.0010		0.0500	0.0468		mg/L		94	67 - 125	1	20
1,1-Dichloroethane	<0.0010		0.0500	0.0519		mg/L		104	70 - 125	0	20
2,2-Dichloropropane	<0.0010		0.0500	0.0439		mg/L		88	62 - 125	2	20
cis-1,2-Dichloroethene	<0.0010		0.0500	0.0474		mg/L		95	70 - 125	0	20
Methyl Ethyl Ketone	<0.0050		0.0500	0.0607		mg/L		121	52 - 142	8	20
Bromochloromethane	<0.0010		0.0500	0.0494		mg/L		99	70 - 125	0	20
Chloroform	<0.0010		0.0500	0.0508		mg/L		102	70 - 125	0	20
1,1,1-Trichloroethane	<0.0010		0.0500	0.0481		mg/L		96	70 - 125	4	20
1,1-Dichloropropene	<0.0010		0.0500	0.0501		mg/L		100	70 - 125	0	20
Carbon tetrachloride	<0.0010		0.0500	0.0500		mg/L		100	70 - 125	1	20
Benzene	<0.00050		0.0500	0.0485		mg/L		97	70 - 125	0	20
1,2-Dichloroethane	<0.0010		0.0500	0.0577		mg/L		115	70 - 125	1	20
Trichloroethene	<0.00050		0.0500	0.0496		mg/L		99	70 - 125	3	20
1,2-Dichloropropane	<0.0010		0.0500	0.0519		mg/L		104	70 - 125	2	20
Dibromomethane	<0.0010		0.0500	0.0484		mg/L		97	70 - 125	6	20
Bromodichloromethane	<0.0010		0.0500	0.0527		mg/L		105	70 - 125	3	20
cis-1,3-Dichloropropene	<0.0010		0.0500	0.0504		mg/L		101	70 - 125	4	20
methyl isobutyl ketone	<0.0050		0.0500	0.0623		mg/L		125	47 - 140	8	20
Toluene	<0.00050		0.0500	0.0496		mg/L		99	70 - 125	1	20
trans-1,3-Dichloropropene	<0.0010		0.0500	0.0514		mg/L		103	70 - 125	3	20
1,1,2-Trichloroethane	<0.0010		0.0500	0.0504		mg/L		101	70 - 125	1	20
Tetrachloroethene	<0.0010		0.0500	0.0506		mg/L		101	70 - 125	4	20
1,3-Dichloropropane	<0.0010		0.0500	0.0533		mg/L		107	70 - 125	1	20
2-Hexanone	<0.0050		0.0500	0.0646		mg/L		129	49 - 139	9	20
Dibromochloromethane	<0.0010		0.0500	0.0532		mg/L		106	66 - 125	2	20
1,2-Dibromoethane	<0.0010		0.0500	0.0496		mg/L		99	70 - 125	0	20
Chlorobenzene	<0.0010		0.0500	0.0495		mg/L		99	70 - 125	1	20
1,1,1,2-Tetrachloroethane	<0.0010		0.0500	0.0487		mg/L		97	68 - 125	3	20
Ethylbenzene	<0.00050		0.0500	0.0493		mg/L		99	70 - 125	1	20
m&p-Xylene	<0.0010		0.0500	0.0481		mg/L		96	70 - 125	1	20
o-Xylene	<0.00050		0.0500	0.0497		mg/L		99	70 - 125	0	20
Styrene	<0.0010		0.0500	0.0497		mg/L		99	70 - 125	1	20
Bromoform	<0.0010		0.0500	0.0484		mg/L		97	54 - 128	1	20
Isopropylbenzene	<0.0010		0.0500	0.0485		mg/L		97	70 - 125	3	20
Bromobenzene	<0.0010		0.0500	0.0478		mg/L		96	70 - 125	5	20
1,1,2,2-Tetrachloroethane	<0.0010		0.0500	0.0466		mg/L		93	68 - 125	4	20
1,2,3-Trichloropropane	<0.0010		0.0500	0.0486		mg/L		97	63 - 125	3	20
N-Propylbenzene	<0.0010		0.0500	0.0484		mg/L		97	70 - 125	3	20
2-Chlorotoluene	<0.0010		0.0500	0.0483		mg/L		97	69 - 125	2	20
1,3,5-Trimethylbenzene	<0.0010		0.0500	0.0484		mg/L		97	70 - 125	5	20
4-Chlorotoluene	<0.0010		0.0500	0.0488		mg/L		98	70 - 125	3	20
tert-Butylbenzene	<0.0010		0.0500	0.0491		mg/L		98	70 - 125	4	20
1,2,4-Trimethylbenzene	<0.0010		0.0500	0.0495		mg/L		99	70 - 125	2	20
sec-Butylbenzene	<0.0010		0.0500	0.0501		mg/L		100	70 - 125	4	20
1,3-Dichlorobenzene	<0.0010		0.0500	0.0489		mg/L		98	70 - 125	2	20
p-Isopropyltoluene	<0.0010		0.0500	0.0494		mg/L		99	70 - 125	3	20

QC Sample Results

Client: Autumnwood Consultants
Project/Site: Central Wire

TestAmerica Job ID: 500-112994-1

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

Lab Sample ID: 500-112994-12 MSD
Matrix: Water
Analysis Batch: 340046

Client Sample ID: GP-18I
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dichlorobenzene	<0.0010		0.0500	0.0482		mg/L		96	70 - 125	4	20
n-Butylbenzene	<0.0010		0.0500	0.0479		mg/L		96	70 - 125	1	20
1,2-Dichlorobenzene	<0.0010		0.0500	0.0492		mg/L		98	70 - 125	0	20
1,2-Dibromo-3-Chloropropane	<0.0050		0.0500	0.0446		mg/L		89	51 - 125	5	20
1,2,4-Trichlorobenzene	<0.0010		0.0500	0.0433		mg/L		87	64 - 126	0	20
Hexachlorobutadiene	<0.0010		0.0500	0.0502		mg/L		100	57 - 140	1	20
Naphthalene	<0.0010		0.0500	0.0444		mg/L		89	50 - 136	1	20
1,2,3-Trichlorobenzene	<0.0010		0.0500	0.0441		mg/L		88	58 - 135	1	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*71 - 127*
Toluene-d8 (Surr)	*94*		*75 - 120*
4-Bromofluorobenzene (Surr)	*91*		*71 - 120*
Dibromofluoromethane	*93*		*70 - 120*

Lab Sample ID: MB 500-340239/6
Matrix: Water
Analysis Batch: 340239

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<0.0020		0.0020	0.00067	mg/L			06/17/16 09:55	1
Chloromethane	<0.0010		0.0010	0.00032	mg/L			06/17/16 09:55	1
Vinyl chloride	<0.00050		0.00050	0.00020	mg/L			06/17/16 09:55	1
Bromomethane	<0.0020		0.0020	0.00080	mg/L			06/17/16 09:55	1
Chloroethane	<0.0010		0.0010	0.00051	mg/L			06/17/16 09:55	1
Trichlorofluoromethane	<0.0010		0.0010	0.00043	mg/L			06/17/16 09:55	1
1,1-Dichloroethene	<0.0010		0.0010	0.00039	mg/L			06/17/16 09:55	1
Carbon disulfide	<0.0020		0.0020	0.00045	mg/L			06/17/16 09:55	1
Acetone	<0.0050		0.0050	0.0017	mg/L			06/17/16 09:55	1
Methylene Chloride	<0.0050		0.0050	0.0016	mg/L			06/17/16 09:55	1
trans-1,2-Dichloroethene	<0.0010		0.0010	0.00035	mg/L			06/17/16 09:55	1
Methyl tert-butyl ether	<0.0010		0.0010	0.00039	mg/L			06/17/16 09:55	1
1,1-Dichloroethane	<0.0010		0.0010	0.00041	mg/L			06/17/16 09:55	1
2,2-Dichloropropane	<0.0010		0.0010	0.00044	mg/L			06/17/16 09:55	1
cis-1,2-Dichloroethene	<0.0010		0.0010	0.00041	mg/L			06/17/16 09:55	1
Methyl Ethyl Ketone	<0.0050		0.0050	0.0021	mg/L			06/17/16 09:55	1
Bromochloromethane	<0.0010		0.0010	0.00043	mg/L			06/17/16 09:55	1
Chloroform	<0.0010		0.0010	0.00037	mg/L			06/17/16 09:55	1
1,1,1-Trichloroethane	<0.0010		0.0010	0.00038	mg/L			06/17/16 09:55	1
1,1-Dichloropropene	<0.0010		0.0010	0.00030	mg/L			06/17/16 09:55	1
Carbon tetrachloride	<0.0010		0.0010	0.00038	mg/L			06/17/16 09:55	1
Benzene	<0.00050		0.00050	0.00015	mg/L			06/17/16 09:55	1
1,2-Dichloroethane	<0.0010		0.0010	0.00039	mg/L			06/17/16 09:55	1
Trichloroethene	<0.00050		0.00050	0.00016	mg/L			06/17/16 09:55	1
1,2-Dichloropropane	<0.0010		0.0010	0.00043	mg/L			06/17/16 09:55	1
Dibromomethane	<0.0010		0.0010	0.00027	mg/L			06/17/16 09:55	1
Bromodichloromethane	<0.0010		0.0010	0.00037	mg/L			06/17/16 09:55	1
cis-1,3-Dichloropropene	<0.0010		0.0010	0.00042	mg/L			06/17/16 09:55	1

QC Sample Results

Client: Autumnwood Consultants
Project/Site: Central Wire

TestAmerica Job ID: 500-112994-1

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

Lab Sample ID: MB 500-340239/6
Matrix: Water
Analysis Batch: 340239

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
methyl isobutyl ketone	<0.0050		0.0050	0.0022	mg/L			06/17/16 09:55	1
Toluene	<0.00050		0.00050	0.00015	mg/L			06/17/16 09:55	1
trans-1,3-Dichloropropene	<0.0010		0.0010	0.00036	mg/L			06/17/16 09:55	1
1,1,2-Trichloroethane	<0.0010		0.0010	0.00035	mg/L			06/17/16 09:55	1
Tetrachloroethene	<0.0010		0.0010	0.00037	mg/L			06/17/16 09:55	1
1,3-Dichloropropane	<0.0010		0.0010	0.00036	mg/L			06/17/16 09:55	1
2-Hexanone	<0.0050		0.0050	0.0016	mg/L			06/17/16 09:55	1
Dibromochloromethane	<0.0010		0.0010	0.00049	mg/L			06/17/16 09:55	1
1,2-Dibromoethane	<0.0010		0.0010	0.00039	mg/L			06/17/16 09:55	1
Chlorobenzene	<0.0010		0.0010	0.00039	mg/L			06/17/16 09:55	1
1,1,1,2-Tetrachloroethane	<0.0010		0.0010	0.00046	mg/L			06/17/16 09:55	1
Ethylbenzene	<0.00050		0.00050	0.00018	mg/L			06/17/16 09:55	1
m&p-Xylene	<0.0010		0.0010	0.00018	mg/L			06/17/16 09:55	1
o-Xylene	<0.00050		0.00050	0.00022	mg/L			06/17/16 09:55	1
Styrene	<0.0010		0.0010	0.00039	mg/L			06/17/16 09:55	1
Bromoform	<0.0010		0.0010	0.00048	mg/L			06/17/16 09:55	1
Isopropylbenzene	<0.0010		0.0010	0.00039	mg/L			06/17/16 09:55	1
Bromobenzene	<0.0010		0.0010	0.00036	mg/L			06/17/16 09:55	1
1,1,2,2-Tetrachloroethane	<0.0010		0.0010	0.00040	mg/L			06/17/16 09:55	1
1,2,3-Trichloropropane	<0.0010		0.0010	0.00041	mg/L			06/17/16 09:55	1
N-Propylbenzene	<0.0010		0.0010	0.00041	mg/L			06/17/16 09:55	1
2-Chlorotoluene	<0.0010		0.0010	0.00031	mg/L			06/17/16 09:55	1
1,3,5-Trimethylbenzene	<0.0010		0.0010	0.00025	mg/L			06/17/16 09:55	1
4-Chlorotoluene	<0.0010		0.0010	0.00035	mg/L			06/17/16 09:55	1
tert-Butylbenzene	<0.0010		0.0010	0.00040	mg/L			06/17/16 09:55	1
1,2,4-Trimethylbenzene	<0.0010		0.0010	0.00036	mg/L			06/17/16 09:55	1
sec-Butylbenzene	<0.0010		0.0010	0.00040	mg/L			06/17/16 09:55	1
1,3-Dichlorobenzene	<0.0010		0.0010	0.00040	mg/L			06/17/16 09:55	1
p-Isopropyltoluene	<0.0010		0.0010	0.00036	mg/L			06/17/16 09:55	1
1,4-Dichlorobenzene	<0.0010		0.0010	0.00036	mg/L			06/17/16 09:55	1
n-Butylbenzene	<0.0010		0.0010	0.00039	mg/L			06/17/16 09:55	1
1,2-Dichlorobenzene	<0.0010		0.0010	0.00033	mg/L			06/17/16 09:55	1
1,2-Dibromo-3-Chloropropane	<0.0050		0.0050	0.0020	mg/L			06/17/16 09:55	1
1,2,4-Trichlorobenzene	<0.0010		0.0010	0.00034	mg/L			06/17/16 09:55	1
Hexachlorobutadiene	<0.0010		0.0010	0.00045	mg/L			06/17/16 09:55	1
Naphthalene	<0.0010		0.0010	0.00034	mg/L			06/17/16 09:55	1
1,2,3-Trichlorobenzene	<0.0010		0.0010	0.00046	mg/L			06/17/16 09:55	1
1,3-Dichloropropene, Total	<0.0010		0.0010	0.00042	mg/L			06/17/16 09:55	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*71 - 127*		*06/17/16 09:55*	*1*
Toluene-d8 (Surr)	*87*		*75 - 120*		*06/17/16 09:55*	*1*
4-Bromofluorobenzene (Surr)	*106*		*71 - 120*		*06/17/16 09:55*	*1*
Dibromofluoromethane	*92*		*70 - 120*		*06/17/16 09:55*	*1*

QC Sample Results

Client: Autumnwood Consultants
Project/Site: Central Wire

TestAmerica Job ID: 500-112994-1

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

Lab Sample ID: LCS 500-340239/4
Matrix: Water
Analysis Batch: 340239

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dichlorodifluoromethane	0.0500	0.0595		mg/L		119	51 - 140
Chloromethane	0.0500	0.0652		mg/L		130	60 - 140
Vinyl chloride	0.0500	0.0550		mg/L		110	70 - 126
Bromomethane	0.0500	0.0650		mg/L		130	40 - 150
Chloroethane	0.0500	0.0630		mg/L		126	60 - 139
Trichlorofluoromethane	0.0500	0.0609		mg/L		122	60 - 126
1,1-Dichloroethene	0.0500	0.0419		mg/L		84	70 - 125
Carbon disulfide	0.0500	0.0425		mg/L		85	68 - 125
Acetone	0.0500	0.0474		mg/L		95	37 - 141
Methylene Chloride	0.0500	0.0410		mg/L		82	68 - 125
trans-1,2-Dichloroethene	0.0500	0.0439		mg/L		88	70 - 125
Methyl tert-butyl ether	0.0500	0.0430		mg/L		86	67 - 125
1,1-Dichloroethane	0.0500	0.0469		mg/L		94	70 - 125
2,2-Dichloropropane	0.0500	0.0460		mg/L		92	62 - 125
cis-1,2-Dichloroethene	0.0500	0.0412		mg/L		82	70 - 125
Methyl Ethyl Ketone	0.0500	0.0561		mg/L		112	52 - 142
Bromochloromethane	0.0500	0.0435		mg/L		87	70 - 125
Chloroform	0.0500	0.0472		mg/L		94	70 - 125
1,1,1-Trichloroethane	0.0500	0.0469		mg/L		94	70 - 125
1,1-Dichloropropene	0.0500	0.0447		mg/L		89	70 - 125
Carbon tetrachloride	0.0500	0.0462		mg/L		92	70 - 125
Benzene	0.0500	0.0418		mg/L		84	70 - 125
1,2-Dichloroethane	0.0500	0.0499		mg/L		100	70 - 125
Trichloroethene	0.0500	0.0425		mg/L		85	70 - 125
1,2-Dichloropropane	0.0500	0.0457		mg/L		91	70 - 125
Dibromomethane	0.0500	0.0457		mg/L		91	70 - 125
Bromodichloromethane	0.0500	0.0441		mg/L		88	70 - 125
cis-1,3-Dichloropropene	0.0500	0.0432		mg/L		86	70 - 125
methyl isobutyl ketone	0.0500	0.0557		mg/L		111	47 - 140
Toluene	0.0500	0.0421		mg/L		84	70 - 125
trans-1,3-Dichloropropene	0.0500	0.0444		mg/L		89	70 - 125
1,1,2-Trichloroethane	0.0500	0.0431		mg/L		86	70 - 125
Tetrachloroethene	0.0500	0.0443		mg/L		89	70 - 125
1,3-Dichloropropane	0.0500	0.0456		mg/L		91	70 - 125
2-Hexanone	0.0500	0.0586		mg/L		117	49 - 139
Dibromochloromethane	0.0500	0.0452		mg/L		90	66 - 125
1,2-Dibromoethane	0.0500	0.0427		mg/L		85	70 - 125
Chlorobenzene	0.0500	0.0437		mg/L		87	70 - 125
1,1,1,2-Tetrachloroethane	0.0500	0.0416		mg/L		83	68 - 125
Ethylbenzene	0.0500	0.0421		mg/L		84	70 - 125
m&p-Xylene	0.0500	0.0426		mg/L		85	70 - 125
o-Xylene	0.0500	0.0429		mg/L		86	70 - 125
Styrene	0.0500	0.0435		mg/L		87	70 - 125
Bromoform	0.0500	0.0432		mg/L		86	54 - 128
Isopropylbenzene	0.0500	0.0427		mg/L		85	70 - 125
Bromobenzene	0.0500	0.0434		mg/L		87	70 - 125
1,1,2,2-Tetrachloroethane	0.0500	0.0422		mg/L		84	68 - 125
1,2,3-Trichloropropane	0.0500	0.0436		mg/L		87	63 - 125

QC Sample Results

Client: Autumnwood Consultants
Project/Site: Central Wire

TestAmerica Job ID: 500-112994-1

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

Lab Sample ID: LCS 500-340239/4
Matrix: Water
Analysis Batch: 340239

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
N-Propylbenzene	0.0500	0.0439		mg/L		88	70 - 125
2-Chlorotoluene	0.0500	0.0430		mg/L		86	69 - 125
1,3,5-Trimethylbenzene	0.0500	0.0431		mg/L		86	70 - 125
4-Chlorotoluene	0.0500	0.0441		mg/L		88	70 - 125
tert-Butylbenzene	0.0500	0.0434		mg/L		87	70 - 125
1,2,4-Trimethylbenzene	0.0500	0.0436		mg/L		87	70 - 125
sec-Butylbenzene	0.0500	0.0451		mg/L		90	70 - 125
1,3-Dichlorobenzene	0.0500	0.0430		mg/L		86	70 - 125
p-Isopropyltoluene	0.0500	0.0439		mg/L		88	70 - 125
1,4-Dichlorobenzene	0.0500	0.0433		mg/L		87	70 - 125
n-Butylbenzene	0.0500	0.0437		mg/L		87	70 - 125
1,2-Dichlorobenzene	0.0500	0.0429		mg/L		86	70 - 125
1,2-Dibromo-3-Chloropropane	0.0500	0.0393		mg/L		79	51 - 125
1,2,4-Trichlorobenzene	0.0500	0.0410		mg/L		82	64 - 126
Hexachlorobutadiene	0.0500	0.0436		mg/L		87	57 - 140
Naphthalene	0.0500	0.0390		mg/L		78	50 - 136
1,2,3-Trichlorobenzene	0.0500	0.0384		mg/L		77	58 - 135

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*104*		*71 - 127*
Toluene-d8 (Surr)	*91*		*75 - 120*
4-Bromofluorobenzene (Surr)	*93*		*71 - 120*
Dibromofluoromethane	*93*		*70 - 120*

Lab Sample ID: 500-112994-18 MS
Matrix: Water
Analysis Batch: 340239

Client Sample ID: FB 6
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Dichlorodifluoromethane	<0.0020		0.0500	0.0547		mg/L		109	51 - 140
Chloromethane	<0.0010		0.0500	0.0633		mg/L		127	60 - 140
Vinyl chloride	<0.00050		0.0500	0.0522		mg/L		104	70 - 126
Bromomethane	<0.0020		0.0500	0.0646		mg/L		129	40 - 150
Chloroethane	<0.0010		0.0500	0.0622		mg/L		124	60 - 139
Trichlorofluoromethane	<0.0010		0.0500	0.0562		mg/L		112	60 - 126
1,1-Dichloroethene	<0.0010		0.0500	0.0486		mg/L		97	70 - 125
Carbon disulfide	<0.0020		0.0500	0.0459		mg/L		92	68 - 125
Acetone	0.0075		0.0500	0.0568		mg/L		99	37 - 141
Methylene Chloride	<0.0050		0.0500	0.0461		mg/L		92	68 - 125
trans-1,2-Dichloroethene	<0.0010		0.0500	0.0484		mg/L		97	70 - 125
Methyl tert-butyl ether	<0.0010		0.0500	0.0490		mg/L		98	67 - 125
1,1-Dichloroethane	<0.0010		0.0500	0.0531		mg/L		106	70 - 125
2,2-Dichloropropane	<0.0010		0.0500	0.0473		mg/L		95	62 - 125
cis-1,2-Dichloroethene	<0.0010		0.0500	0.0488		mg/L		98	70 - 125
Methyl Ethyl Ketone	<0.0050		0.0500	0.0588		mg/L		118	52 - 142
Bromochloromethane	<0.0010		0.0500	0.0514		mg/L		103	70 - 125
Chloroform	<0.0010		0.0500	0.0526		mg/L		105	70 - 125
1,1,1-Trichloroethane	<0.0010		0.0500	0.0503		mg/L		101	70 - 125

QC Sample Results

Client: Autumnwood Consultants
Project/Site: Central Wire

TestAmerica Job ID: 500-112994-1

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

Lab Sample ID: 500-112994-18 MS
Matrix: Water
Analysis Batch: 340239

Client Sample ID: FB 6
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloropropene	<0.0010		0.0500	0.0508		mg/L		102	70 - 125
Carbon tetrachloride	<0.0010		0.0500	0.0519		mg/L		104	70 - 125
Benzene	<0.00050		0.0500	0.0497		mg/L		99	70 - 125
1,2-Dichloroethane	<0.0010		0.0500	0.0586		mg/L		117	70 - 125
Trichloroethene	<0.00050		0.0500	0.0491		mg/L		98	70 - 125
1,2-Dichloropropane	<0.0010		0.0500	0.0519		mg/L		104	70 - 125
Dibromomethane	<0.0010		0.0500	0.0499		mg/L		100	70 - 125
Bromodichloromethane	<0.0010		0.0500	0.0521		mg/L		104	70 - 125
cis-1,3-Dichloropropene	<0.0010		0.0500	0.0479		mg/L		96	70 - 125
methyl isobutyl ketone	<0.0050		0.0500	0.0561		mg/L		112	47 - 140
Toluene	0.00028	J	0.0500	0.0493		mg/L		98	70 - 125
trans-1,3-Dichloropropene	<0.0010		0.0500	0.0509		mg/L		102	70 - 125
1,1,2-Trichloroethane	<0.0010		0.0500	0.0514		mg/L		103	70 - 125
Tetrachloroethene	<0.0010		0.0500	0.0502		mg/L		100	70 - 125
1,3-Dichloropropane	<0.0010		0.0500	0.0523		mg/L		105	70 - 125
2-Hexanone	<0.0050		0.0500	0.0577		mg/L		115	49 - 139
Dibromochloromethane	<0.0010		0.0500	0.0520		mg/L		104	66 - 125
1,2-Dibromoethane	<0.0010		0.0500	0.0497		mg/L		99	70 - 125
Chlorobenzene	<0.0010		0.0500	0.0508		mg/L		102	70 - 125
1,1,1,2-Tetrachloroethane	<0.0010		0.0500	0.0497		mg/L		99	68 - 125
Ethylbenzene	<0.00050		0.0500	0.0497		mg/L		99	70 - 125
m&p-Xylene	<0.0010		0.0500	0.0491		mg/L		98	70 - 125
o-Xylene	<0.00050		0.0500	0.0500		mg/L		100	70 - 125
Styrene	<0.0010		0.0500	0.0517		mg/L		103	70 - 125
Bromoform	<0.0010		0.0500	0.0503		mg/L		101	54 - 128
Isopropylbenzene	<0.0010		0.0500	0.0490		mg/L		98	70 - 125
Bromobenzene	<0.0010		0.0500	0.0508		mg/L		102	70 - 125
1,1,2,2-Tetrachloroethane	<0.0010		0.0500	0.0494		mg/L		99	68 - 125
1,2,3-Trichloropropane	<0.0010		0.0500	0.0483		mg/L		97	63 - 125
N-Propylbenzene	<0.0010		0.0500	0.0498		mg/L		100	70 - 125
2-Chlorotoluene	<0.0010		0.0500	0.0495		mg/L		99	69 - 125
1,3,5-Trimethylbenzene	<0.0010		0.0500	0.0500		mg/L		100	70 - 125
4-Chlorotoluene	<0.0010		0.0500	0.0502		mg/L		100	70 - 125
tert-Butylbenzene	<0.0010		0.0500	0.0498		mg/L		100	70 - 125
1,2,4-Trimethylbenzene	<0.0010		0.0500	0.0500		mg/L		100	70 - 125
sec-Butylbenzene	<0.0010		0.0500	0.0505		mg/L		101	70 - 125
1,3-Dichlorobenzene	<0.0010		0.0500	0.0492		mg/L		98	70 - 125
p-Isopropyltoluene	<0.0010		0.0500	0.0496		mg/L		99	70 - 125
1,4-Dichlorobenzene	<0.0010		0.0500	0.0500		mg/L		100	70 - 125
n-Butylbenzene	<0.0010		0.0500	0.0483		mg/L		97	70 - 125
1,2-Dichlorobenzene	<0.0010		0.0500	0.0503		mg/L		101	70 - 125
1,2-Dibromo-3-Chloropropane	<0.0050		0.0500	0.0444		mg/L		89	51 - 125
1,2,4-Trichlorobenzene	<0.0010		0.0500	0.0446		mg/L		89	64 - 126
Hexachlorobutadiene	<0.0010		0.0500	0.0487		mg/L		97	57 - 140
Naphthalene	<0.0010		0.0500	0.0462		mg/L		92	50 - 136
1,2,3-Trichlorobenzene	<0.0010		0.0500	0.0453		mg/L		91	58 - 135

QC Sample Results

Client: Autumnwood Consultants
Project/Site: Central Wire

TestAmerica Job ID: 500-112994-1

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

Lab Sample ID: 500-112994-18 MS
Matrix: Water
Analysis Batch: 340239

Client Sample ID: FB 6
Prep Type: Total/NA

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*71 - 127*
Toluene-d8 (Surr)	*90*		*75 - 120*
4-Bromofluorobenzene (Surr)	*95*		*71 - 120*
Dibromofluoromethane	*97*		*70 - 120*

Lab Sample ID: 500-112994-18 MSD
Matrix: Water
Analysis Batch: 340239

Client Sample ID: FB 6
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Dichlorodifluoromethane	<0.0020		0.0500	0.0588		mg/L		118	51 - 140	7	20
Chloromethane	<0.0010		0.0500	0.0665		mg/L		133	60 - 140	5	20
Vinyl chloride	<0.00050		0.0500	0.0547		mg/L		109	70 - 126	5	20
Bromomethane	<0.0020		0.0500	0.0617		mg/L		123	40 - 150	4	20
Chloroethane	<0.0010		0.0500	0.0671		mg/L		134	60 - 139	8	20
Trichlorofluoromethane	<0.0010		0.0500	0.0605		mg/L		121	60 - 126	7	20
1,1-Dichloroethene	<0.0010		0.0500	0.0456		mg/L		91	70 - 125	6	20
Carbon disulfide	<0.0020		0.0500	0.0452		mg/L		90	68 - 125	1	20
Acetone	0.0075		0.0500	0.0507		mg/L		86	37 - 141	11	20
Methylene Chloride	<0.0050		0.0500	0.0456		mg/L		91	68 - 125	1	20
trans-1,2-Dichloroethene	<0.0010		0.0500	0.0473		mg/L		95	70 - 125	2	20
Methyl tert-butyl ether	<0.0010		0.0500	0.0476		mg/L		95	67 - 125	3	20
1,1-Dichloroethane	<0.0010		0.0500	0.0515		mg/L		103	70 - 125	3	20
2,2-Dichloropropane	<0.0010		0.0500	0.0472		mg/L		94	62 - 125	0	20
cis-1,2-Dichloroethene	<0.0010		0.0500	0.0457		mg/L		91	70 - 125	7	20
Methyl Ethyl Ketone	<0.0050		0.0500	0.0578		mg/L		116	52 - 142	2	20
Bromochloromethane	<0.0010		0.0500	0.0480		mg/L		96	70 - 125	7	20
Chloroform	<0.0010		0.0500	0.0495		mg/L		99	70 - 125	6	20
1,1,1-Trichloroethane	<0.0010		0.0500	0.0509		mg/L		102	70 - 125	1	20
1,1-Dichloropropene	<0.0010		0.0500	0.0476		mg/L		95	70 - 125	7	20
Carbon tetrachloride	<0.0010		0.0500	0.0507		mg/L		101	70 - 125	2	20
Benzene	<0.00050		0.0500	0.0467		mg/L		93	70 - 125	6	20
1,2-Dichloroethane	<0.0010		0.0500	0.0558		mg/L		112	70 - 125	5	20
Trichloroethene	<0.00050		0.0500	0.0474		mg/L		95	70 - 125	4	20
1,2-Dichloropropane	<0.0010		0.0500	0.0493		mg/L		99	70 - 125	5	20
Dibromomethane	<0.0010		0.0500	0.0479		mg/L		96	70 - 125	4	20
Bromodichloromethane	<0.0010		0.0500	0.0486		mg/L		97	70 - 125	7	20
cis-1,3-Dichloropropene	<0.0010		0.0500	0.0433		mg/L		87	70 - 125	10	20
methyl isobutyl ketone	<0.0050		0.0500	0.0560		mg/L		112	47 - 140	0	20
Toluene	0.00028	J	0.0500	0.0452		mg/L		90	70 - 125	9	20
trans-1,3-Dichloropropene	<0.0010		0.0500	0.0480		mg/L		96	70 - 125	6	20
1,1,2-Trichloroethane	<0.0010		0.0500	0.0460		mg/L		92	70 - 125	11	20
Tetrachloroethene	<0.0010		0.0500	0.0459		mg/L		92	70 - 125	9	20
1,3-Dichloropropane	<0.0010		0.0500	0.0495		mg/L		99	70 - 125	6	20
2-Hexanone	<0.0050		0.0500	0.0555		mg/L		111	49 - 139	4	20
Dibromochloromethane	<0.0010		0.0500	0.0485		mg/L		97	66 - 125	7	20
1,2-Dibromoethane	<0.0010		0.0500	0.0469		mg/L		94	70 - 125	6	20
Chlorobenzene	<0.0010		0.0500	0.0477		mg/L		95	70 - 125	6	20

QC Sample Results

Client: Autumnwood Consultants
Project/Site: Central Wire

TestAmerica Job ID: 500-112994-1

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

Lab Sample ID: 500-112994-18 MSD
Matrix: Water
Analysis Batch: 340239

Client Sample ID: FB 6
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	<0.0010		0.0500	0.0459		mg/L		92	68 - 125	8	20
Ethylbenzene	<0.00050		0.0500	0.0464		mg/L		93	70 - 125	7	20
m&p-Xylene	<0.0010		0.0500	0.0457		mg/L		91	70 - 125	7	20
o-Xylene	<0.00050		0.0500	0.0471		mg/L		94	70 - 125	6	20
Styrene	<0.0010		0.0500	0.0488		mg/L		98	70 - 125	6	20
Bromoform	<0.0010		0.0500	0.0467		mg/L		93	54 - 128	7	20
Isopropylbenzene	<0.0010		0.0500	0.0468		mg/L		94	70 - 125	5	20
Bromobenzene	<0.0010		0.0500	0.0487		mg/L		97	70 - 125	4	20
1,1,2,2-Tetrachloroethane	<0.0010		0.0500	0.0477		mg/L		95	68 - 125	4	20
1,2,3-Trichloropropane	<0.0010		0.0500	0.0475		mg/L		95	63 - 125	2	20
N-Propylbenzene	<0.0010		0.0500	0.0471		mg/L		94	70 - 125	6	20
2-Chlorotoluene	<0.0010		0.0500	0.0473		mg/L		95	69 - 125	4	20
1,3,5-Trimethylbenzene	<0.0010		0.0500	0.0477		mg/L		95	70 - 125	5	20
4-Chlorotoluene	<0.0010		0.0500	0.0479		mg/L		96	70 - 125	5	20
tert-Butylbenzene	<0.0010		0.0500	0.0472		mg/L		94	70 - 125	5	20
1,2,4-Trimethylbenzene	<0.0010		0.0500	0.0475		mg/L		95	70 - 125	5	20
sec-Butylbenzene	<0.0010		0.0500	0.0482		mg/L		96	70 - 125	5	20
1,3-Dichlorobenzene	<0.0010		0.0500	0.0471		mg/L		94	70 - 125	4	20
p-Isopropyltoluene	<0.0010		0.0500	0.0472		mg/L		94	70 - 125	5	20
1,4-Dichlorobenzene	<0.0010		0.0500	0.0470		mg/L		94	70 - 125	6	20
n-Butylbenzene	<0.0010		0.0500	0.0451		mg/L		90	70 - 125	7	20
1,2-Dichlorobenzene	<0.0010		0.0500	0.0470		mg/L		94	70 - 125	7	20
1,2-Dibromo-3-Chloropropane	<0.0050		0.0500	0.0430		mg/L		86	51 - 125	3	20
1,2,4-Trichlorobenzene	<0.0010		0.0500	0.0422		mg/L		84	64 - 126	5	20
Hexachlorobutadiene	<0.0010		0.0500	0.0469		mg/L		94	57 - 140	4	20
Naphthalene	<0.0010		0.0500	0.0446		mg/L		89	50 - 136	4	20
1,2,3-Trichlorobenzene	<0.0010		0.0500	0.0425		mg/L		85	58 - 135	6	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*71 - 127*
Toluene-d8 (Surr)	*88*		*75 - 120*
4-Bromofluorobenzene (Surr)	*95*		*71 - 120*
Dibromofluoromethane	*95*		*70 - 120*

Lab Chronicle

Client: Autumnwood Consultants
Project/Site: Central Wire

TestAmerica Job ID: 500-112994-1

Client Sample ID: GP-3S — Lab Sample ID: 500-112994-1

Date Collected: 06/10/16 15:35
Date Received: 06/15/16 10:00
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	340046	06/16/16 12:12	PMF	TAL CHI

Client Sample ID: GP-16D — Lab Sample ID: 500-112994-2

Date Collected: 06/13/16 09:00
Date Received: 06/15/16 10:00
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	340046	06/16/16 12:37	PMF	TAL CHI

Client Sample ID: GP-16I — Lab Sample ID: 500-112994-3

Date Collected: 06/13/16 09:50
Date Received: 06/15/16 10:00
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	340046	06/16/16 13:02	PMF	TAL CHI

Client Sample ID: GP-16S — Lab Sample ID: 500-112994-4

Date Collected: 06/13/16 10:50
Date Received: 06/15/16 10:00
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	340046	06/16/16 13:27	PMF	TAL CHI

Client Sample ID: DUP 4 — Lab Sample ID: 500-112994-5

Date Collected: 06/13/16 10:55
Date Received: 06/15/16 10:00
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	340046	06/16/16 13:52	PMF	TAL CHI

Client Sample ID: FB 5 — Lab Sample ID: 500-112994-6

Date Collected: 06/13/16 11:15
Date Received: 06/15/16 10:00
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	340046	06/16/16 14:17	PMF	TAL CHI

Lab Chronicle

Client: Autumnwood Consultants
Project/Site: Central Wire

TestAmerica Job ID: 500-112994-1

Client Sample ID: GP-17D
Lab Sample ID: 500-112994-7
Date Collected: 06/13/16 12:35
Matrix: Water
Date Received: 06/15/16 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	340046	06/16/16 14:42	PMF	TAL CHI

Client Sample ID: GP-17I
Lab Sample ID: 500-112994-8
Date Collected: 06/13/16 13:30
Matrix: Water
Date Received: 06/15/16 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	340046	06/16/16 15:07	PMF	TAL CHI

Client Sample ID: GP-17S
Lab Sample ID: 500-112994-9
Date Collected: 06/13/16 14:46
Matrix: Water
Date Received: 06/15/16 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	340046	06/16/16 15:32	PMF	TAL CHI

Client Sample ID: Irrigation Well
Lab Sample ID: 500-112994-10
Date Collected: 06/13/16 15:30
Matrix: Water
Date Received: 06/15/16 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	340046	06/16/16 15:57	PMF	TAL CHI

Client Sample ID: GP-18D
Lab Sample ID: 500-112994-11
Date Collected: 06/13/16 16:35
Matrix: Water
Date Received: 06/15/16 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	340046	06/16/16 16:22	PMF	TAL CHI

Client Sample ID: GP-18I
Lab Sample ID: 500-112994-12
Date Collected: 06/14/16 08:50
Matrix: Water
Date Received: 06/15/16 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	340046	06/16/16 16:47	PMF	TAL CHI

Lab Chronicle

Client: Autumnwood Consultants
Project/Site: Central Wire

TestAmerica Job ID: 500-112994-1

Client Sample ID: GP-18S
Lab Sample ID: 500-112994-13
Date Collected: 06/14/16 09:35
Matrix: Water
Date Received: 06/15/16 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	340239	06/17/16 14:41	JMP	TAL CHI

Client Sample ID: GP-22D
Lab Sample ID: 500-112994-14
Date Collected: 06/14/16 11:25
Matrix: Water
Date Received: 06/15/16 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	340239	06/17/16 15:06	JMP	TAL CHI

Client Sample ID: GP-22I
Lab Sample ID: 500-112994-15
Date Collected: 06/14/16 12:10
Matrix: Water
Date Received: 06/15/16 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	340239	06/17/16 15:31	JMP	TAL CHI

Client Sample ID: GP-22S
Lab Sample ID: 500-112994-16
Date Collected: 06/14/16 12:45
Matrix: Water
Date Received: 06/15/16 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	340239	06/17/16 15:56	JMP	TAL CHI

Client Sample ID: GP-25I
Lab Sample ID: 500-112994-17
Date Collected: 06/14/16 14:05
Matrix: Water
Date Received: 06/15/16 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	340239	06/17/16 16:21	JMP	TAL CHI

Client Sample ID: FB 6
Lab Sample ID: 500-112994-18
Date Collected: 06/14/16 10:00
Matrix: Water
Date Received: 06/15/16 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	340239	06/17/16 16:47	JMP	TAL CHI

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

Certification Summary

Client: Autumnwood Consultants
Project/Site: Central Wire

TestAmerica Job ID: 500-112994-1

Laboratory: TestAmerica Chicago

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
Illinois	NELAP	5	100201	04-30-17

The following analytes are included in this report, but certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
8260B		Water	1,3-Dichloropropene, Total

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2417 Bond Street, University Park, IL 60484
Phone: 708.534.5200 Fax: 708.534.5211

(optional) Report To
Contact:
Company:
Address:
Address:
Phone:
Fax:
E-Mail:

(optional) Bill To
Contact:
Company:
Address:
Address:
Phone:
Fax:
PO#/Reference#

Chain of Custody Record

Lab Job #: 500-112994
Chain of Custody Number: 426514
Page 1 of 2
Temperature °C of Cooler: 3.9

Client: Central Wire
Client Project #:
Project Name: Plume Investigation
Project Location/State: Yucon IL
Lab Project #:
Sampler: Jack Thorsen
Lab PM: Richard Wright

Preservative: 1
Parameter: VOA

Preservative Key
1. HCL, Cool to 4°
2. H2SO4, Cool to 4°
4°
4°
1 to 4°

500-112994 COC

Lab ID	MS/MSD	Sample ID	Sampling Date	Sampling Time	# of Containers	Matrix	VOA								Comments
1		GP-3S	6/10	1335	3	W	X								
2		GP-16D 0900	6/13	0900											
3		GP-16T	6/13	0950											
4		GP-16S	6/13	1050											
5		DUP 4	6/13	1055											
6		FB 5		1115											
7		GP-17D		1235											
8		GP-17I		1330											
9		GP-17S		1440											
10		Irrigation Well		1530											

Turnaround Time Required (Business Days)
___ 1 Day ___ 2 Days ___ 5 Days ___ 7 Days X 10 Days ___ 15 Days ___ Other
Requested Due Date ___

Sample Disposal
[ ] Return to Client [X] Disposal by Lab [ ] Archive for ___ Months (A fee may be assessed if samples are retained longer than 1 month)

Relinquished By	Company	Date	Time	Received By	Company	Date	Time
Jack Thorsen	Antiennewood	6/14	1430	Neil Sang	TA-CHI	06/15/16	1000

Lab Courier:
Shipped: UPS Ground
Hand Delivered:

Matrix Key
WW – Wastewater
W – Water
S – Soil
SL – Sludge
MS – Miscellaneous
OL – Oil
A – Air
SE – Sediment
SO – Soil
L – Leachate
WI – Wipe
DW – Drinking Water
O – Other

Client Comments

Lab Comments:

6/20/2016
TAL-4124-500 (1209)

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

2417 Bond Street, University Park, IL 60484
Phone: 708.534.5200 Fax: 708.534.5211

(optional)
Report To
Contact:
Company:
Address:
Address:
Phone:
Fax:
E-Mail:

(optional)
Bill To
Contact:
Company:
Address:
Address:
Phone:
Fax:
PO#/Reference#

Chain of Custody Record

Lab Job #: 500-112994
Chain of Custody Number: 426514
Page 2 of 2
Temperature °C of Cooler: 3.9

Client: Central Wire
Client Project #:
Project Name: Plume Investigation
Project Location/State: Union IL
Lab Project #:
Sampler: Jack Thorsen
Lab PM:

Preservative: 1
Parameter: VOA

Preservative Key
1. HCL, Cool to 4°
2. H2SO4, Cool to 4°
3. HNO3, Cool to 4°
4. NaOH, Cool to 4°
5. NaOH/Zn, Cool to 4°
6. NaHSO4
7. Cool to 4°
8. None
9. Other

Lab ID	MS/MSD	Sample ID	Sampling Date	Sampling Time	# of Containers	Matrix	VOA	Comments
11		GP-18D	6/13	1635	3	W	X	
12		GP-18I	6/14	0850				
13		GP-18S		0935				
14		GP-22D		1125				
15		GP-22I		1210				
16		GP-22S		1245				
17		GP-25I		1405				
18		EB6		1000				

Turnaround Time Required (Business Days)
___ 1 Day ___ 2 Days ___ 5 Days ___ 7 Days X 10 Days ___ 15 Days _____ Other
Requested Due Date:

Sample Disposal
[ ] Return to Client [X] Disposal by Lab [ ] Archive for _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Relinquished By	Company	Date	Time	Received By	Company	Date	Time
W Jordan Aitkin Wood		6/14	1430	Jill Sandy	TALHI	06/15/16	1000

Lab Courier:
Shipped: UPS Ground
Hand Delivered:

Matrix Key
WW – Wastewater
W – Water
S – Soil
SL – Sludge
MS – Miscellaneous
OL – Oil
A – Air
SE – Sediment
SO – Soil
L – Leachate
Wi – Wipe
DW – Drinking Water
O – Other

Client Comments

Lab Comments:

6/20/2016
TAL-4124-500 (1209)

Login Sample Receipt Checklist

Client: Autumnwood Consultants

Job Number: 500-112994-1

Login Number: 112994
List Number: 1
Creator: Sanchez, Ariel M

List Source: TestAmerica Chicago

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	0.8
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 (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	