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: 500-68790-1
Client Project/Site: Central Wire

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

Attn: Mr. John Thorsen

Authorized for release by:
12/20/2013 10:38:10 AM

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LINKS

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

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

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Case Narrative

Client: Autumnwood Consultants
Project/Site: Central Wire

TestAmerica Job ID: 500-68790-1

Job ID: 500-68790-1

Laboratory: TestAmerica Chicago

Narrative

Job Narrative
500-68790-1

Comments
No additional comments.

Receipt
The samples were received on 12/16/2013 9:45 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 0.5º C. The following samples were submitted for analysis; however, they were not listed on the Chain-of-Custody (COC): Dup & Trip Blank.

GC/MS VOA
No analytical or quality issues were noted.

Metals
No analytical or quality issues were noted.

Detection Summary

Client: Autumnwood Consultants
Project/Site: Central Wire

TestAmerica Job ID: 500-68790-1

Client Sample ID: DGWS — Lab Sample ID: 500-68790-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.024		0.010	0.0011	mg/L	1		6010B	Total/NA
Cadmium	0.00052	J	0.0020	0.00026	mg/L	1		6010B	Total/NA
Chromium	0.0011	J	0.010	0.0010	mg/L	1		6010B	Total/NA

Client Sample ID: DGWI — Lab Sample ID: 500-68790-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.070		0.010	0.0011	mg/L	1		6010B	Total/NA
Cadmium	0.00072	J	0.0020	0.00026	mg/L	1		6010B	Total/NA

Client Sample ID: DGWD — Lab Sample ID: 500-68790-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.043		0.010	0.0011	mg/L	1		6010B	Total/NA
Cadmium	0.00062	J	0.0020	0.00026	mg/L	1		6010B	Total/NA
Chromium	0.0028	J	0.010	0.0010	mg/L	1		6010B	Total/NA
Lead	0.0033	J	0.0050	0.0023	mg/L	1		6010B	Total/NA
Mercury	0.000065	J	0.00020	0.000064	mg/L	1		7470A	Total/NA

Client Sample ID: MW4 — Lab Sample ID: 500-68790-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.00060	J	0.0010	0.00019	mg/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	0.0016		0.0010	0.00012	mg/L	1		8260B	Total/NA
1,1,1-Trichloroethane	0.0066		0.0010	0.00020	mg/L	1		8260B	Total/NA
Trichloroethene	0.0028		0.00050	0.00019	mg/L	1		8260B	Total/NA
Tetrachloroethene	0.022		0.0010	0.00017	mg/L	1		8260B	Total/NA
Barium	0.034		0.010	0.0011	mg/L	1		6010B	Total/NA
Cadmium	0.00089	J	0.0020	0.00026	mg/L	1		6010B	Total/NA
Chromium	0.17		0.010	0.0010	mg/L	1		6010B	Total/NA
Lead	0.0051		0.0050	0.0023	mg/L	1		6010B	Total/NA

Client Sample ID: Dup — Lab Sample ID: 500-68790-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.069		0.010	0.0011	mg/L	1		6010B	Total/NA
Cadmium	0.00062	J	0.0020	0.00026	mg/L	1		6010B	Total/NA
Chromium	0.0019	J	0.010	0.0010	mg/L	1		6010B	Total/NA

Client Sample ID: Trip Blank — Lab Sample ID: 500-68790-6

No Detections.

This Detection Summary does not include radiochemical test results.

Method Summary

Client: Autumnwood Consultants
Project/Site: Central Wire

TestAmerica Job ID: 500-68790-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL CHI
6010B	Metals (ICP)	SW846	TAL CHI
7470A	Mercury (CVAA)	SW846	TAL CHI

Protocol References:

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

Laboratory References:

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

Sample Summary

Client: Autumnwood Consultants
Project/Site: Central Wire

TestAmerica Job ID: 500-68790-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-68790-1	DGWS	Water	12/13/13 14:00	12/16/13 09:45
500-68790-2	DGWI	Water	12/13/13 13:32	12/16/13 09:45
500-68790-3	DGWD	Water	12/13/13 13:05	12/16/13 09:45
500-68790-4	MW4	Water	12/13/13 12:08	12/16/13 09:45
500-68790-5	Dup	Water	12/13/13 00:00	12/16/13 09:45
500-68790-6	Trip Blank	Water	12/13/13 00:00	12/16/13 09:45

Client Sample Results

Client: Autumnwood Consultants
Project/Site: Central Wire

TestAmerica Job ID: 500-68790-1

Client Sample ID: DGWS

Lab Sample ID: 500-68790-1

Date Collected: 12/13/13 14:00
Date Received: 12/16/13 09:45

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<0.0010		0.0010	0.00020	mg/L			12/19/13 14:09	1
Chloromethane	<0.0010		0.0010	0.00018	mg/L			12/19/13 14:09	1
Vinyl chloride	<0.00050		0.00050	0.00010	mg/L			12/19/13 14:09	1
Bromomethane	<0.0010		0.0010	0.00031	mg/L			12/19/13 14:09	1
Chloroethane	<0.0010		0.0010	0.00034	mg/L			12/19/13 14:09	1
Trichlorofluoromethane	<0.0010		0.0010	0.00019	mg/L			12/19/13 14:09	1
1,1-Dichloroethene	<0.0010		0.0010	0.00031	mg/L			12/19/13 14:09	1
Carbon disulfide	<0.0050		0.0050	0.00043	mg/L			12/19/13 14:09	1
Acetone	<0.0050		0.0050	0.0013	mg/L			12/19/13 14:09	1
Methylene Chloride	<0.0050		0.0050	0.00068	mg/L			12/19/13 14:09	1
trans-1,2-Dichloroethene	<0.0010		0.0010	0.00025	mg/L			12/19/13 14:09	1
Methyl tert-butyl ether	<0.0010		0.0010	0.00024	mg/L			12/19/13 14:09	1
1,1-Dichloroethane	<0.0010		0.0010	0.00019	mg/L			12/19/13 14:09	1
2,2-Dichloropropane	<0.0010		0.0010	0.00032	mg/L			12/19/13 14:09	1
cis-1,2-Dichloroethene	<0.0010		0.0010	0.00012	mg/L			12/19/13 14:09	1
Methyl Ethyl Ketone	<0.0050		0.0050	0.0015	mg/L			12/19/13 14:09	1
Bromochloromethane	<0.0010		0.0010	0.00040	mg/L			12/19/13 14:09	1
Chloroform	<0.0010		0.0010	0.00020	mg/L			12/19/13 14:09	1
1,1,1-Trichloroethane	<0.0010		0.0010	0.00020	mg/L			12/19/13 14:09	1
1,1-Dichloropropene	<0.0010		0.0010	0.00034	mg/L			12/19/13 14:09	1
Carbon tetrachloride	<0.0010		0.0010	0.00026	mg/L			12/19/13 14:09	1
Benzene	<0.00050		0.00050	0.000074	mg/L			12/19/13 14:09	1
1,2-Dichloroethane	<0.0010		0.0010	0.00028	mg/L			12/19/13 14:09	1
Trichloroethene	<0.00050		0.00050	0.00019	mg/L			12/19/13 14:09	1
1,2-Dichloropropane	<0.0010		0.0010	0.00020	mg/L			12/19/13 14:09	1
Dibromomethane	<0.0010		0.0010	0.00033	mg/L			12/19/13 14:09	1
Bromodichloromethane	<0.0010		0.0010	0.00017	mg/L			12/19/13 14:09	1
cis-1,3-Dichloropropene	<0.0010		0.0010	0.00018	mg/L			12/19/13 14:09	1
methyl isobutyl ketone	<0.0050		0.0050	0.00033	mg/L			12/19/13 14:09	1
Toluene	<0.00050		0.00050	0.00011	mg/L			12/19/13 14:09	1
trans-1,3-Dichloropropene	<0.0010		0.0010	0.00021	mg/L			12/19/13 14:09	1
1,1,2-Trichloroethane	<0.0010		0.0010	0.00028	mg/L			12/19/13 14:09	1
Tetrachloroethene	<0.0010		0.0010	0.00017	mg/L			12/19/13 14:09	1
1,3-Dichloropropane	<0.0010		0.0010	0.00013	mg/L			12/19/13 14:09	1
2-Hexanone	<0.0050		0.0050	0.00056	mg/L			12/19/13 14:09	1
Dibromochloromethane	<0.0010		0.0010	0.00032	mg/L			12/19/13 14:09	1
1,2-Dibromoethane	<0.0010		0.0010	0.00036	mg/L			12/19/13 14:09	1
Chlorobenzene	<0.0010		0.0010	0.00014	mg/L			12/19/13 14:09	1
1,1,1,2-Tetrachloroethane	<0.0010		0.0010	0.00025	mg/L			12/19/13 14:09	1
Ethylbenzene	<0.00050		0.00050	0.00013	mg/L			12/19/13 14:09	1
m&p-Xylene	<0.0010		0.0010	0.00026	mg/L			12/19/13 14:09	1
o-Xylene	<0.00050		0.00050	0.000068	mg/L			12/19/13 14:09	1
Styrene	<0.0010		0.0010	0.00010	mg/L			12/19/13 14:09	1
Bromoform	<0.0010		0.0010	0.00028	mg/L			12/19/13 14:09	1
Isopropylbenzene	<0.0010		0.0010	0.00014	mg/L			12/19/13 14:09	1
Bromobenzene	<0.0010		0.0010	0.00025	mg/L			12/19/13 14:09	1
1,1,2,2-Tetrachloroethane	<0.0010		0.0010	0.00023	mg/L			12/19/13 14:09	1
1,2,3-Trichloropropane	<0.0010		0.0010	0.00045	mg/L			12/19/13 14:09	1
N-Propylbenzene	<0.0010		0.0010	0.00013	mg/L			12/19/13 14:09	1

Client Sample Results

Client: Autumnwood Consultants
Project/Site: Central Wire

TestAmerica Job ID: 500-68790-1

Client Sample ID: DGWS

Lab Sample ID: 500-68790-1
Matrix: Water

Date Collected: 12/13/13 14:00
Date Received: 12/16/13 09:45

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	0.00021	mg/L			12/19/13 14:09	1
1,3,5-Trimethylbenzene	<0.0010		0.0010	0.00018	mg/L			12/19/13 14:09	1
4-Chlorotoluene	<0.0010		0.0010	0.00020	mg/L			12/19/13 14:09	1
tert-Butylbenzene	<0.0010		0.0010	0.00014	mg/L			12/19/13 14:09	1
1,2,4-Trimethylbenzene	<0.0010		0.0010	0.00014	mg/L			12/19/13 14:09	1
sec-Butylbenzene	<0.0010		0.0010	0.00015	mg/L			12/19/13 14:09	1
1,3-Dichlorobenzene	<0.0010		0.0010	0.00015	mg/L			12/19/13 14:09	1
p-Isopropyltoluene	<0.0010		0.0010	0.00017	mg/L			12/19/13 14:09	1
1,4-Dichlorobenzene	<0.0010		0.0010	0.00015	mg/L			12/19/13 14:09	1
n-Butylbenzene	<0.0010		0.0010	0.00013	mg/L			12/19/13 14:09	1
1,2-Dichlorobenzene	<0.0010		0.0010	0.00027	mg/L			12/19/13 14:09	1
1,2-Dibromo-3-Chloropropane	<0.0020		0.0020	0.00087	mg/L			12/19/13 14:09	1
1,2,4-Trichlorobenzene	<0.0010		0.0010	0.00031	mg/L			12/19/13 14:09	1
Hexachlorobutadiene	<0.0010		0.0010	0.00026	mg/L			12/19/13 14:09	1
Naphthalene	<0.0010		0.0010	0.00016	mg/L			12/19/13 14:09	1
1,2,3-Trichlorobenzene	<0.0010		0.0010	0.00024	mg/L			12/19/13 14:09	1
1,3-Dichloropropene, Total	<0.0010		0.0010	0.00018	mg/L			12/19/13 14:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*75 - 125*		*12/19/13 14:09*	*1*
Toluene-d8 (Surr)	*108*		*75 - 120*		*12/19/13 14:09*	*1*
4-Bromofluorobenzene (Surr)	*98*		*75 - 120*		*12/19/13 14:09*	*1*
Dibromofluoromethane	*103*		*75 - 120*		*12/19/13 14:09*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.010		0.010	0.0026	mg/L		12/18/13 09:00	12/18/13 21:50	1
Barium	**0.024**		0.010	0.0011	mg/L		12/18/13 09:00	12/18/13 21:50	1
Cadmium	**0.00052**	J	0.0020	0.00026	mg/L		12/18/13 09:00	12/18/13 21:50	1
Chromium	**0.0011**	J	0.010	0.0010	mg/L		12/18/13 09:00	12/18/13 21:50	1
Lead	<0.0050		0.0050	0.0023	mg/L		12/18/13 09:00	12/18/13 21:50	1
Selenium	<0.010		0.010	0.0046	mg/L		12/18/13 09:00	12/18/13 21:50	1
Silver	<0.0050		0.0050	0.00057	mg/L		12/18/13 09:00	12/18/13 21:50	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.000064	mg/L		12/18/13 15:43	12/19/13 10:21	1

Client Sample Results

Client: Autumnwood Consultants
Project/Site: Central Wire

TestAmerica Job ID: 500-68790-1

Client Sample ID: DGWI

Lab Sample ID: 500-68790-2

Date Collected: 12/13/13 13:32
Date Received: 12/16/13 09:45

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<0.0010		0.0010	0.00020	mg/L			12/19/13 14:34	1
Chloromethane	<0.0010		0.0010	0.00018	mg/L			12/19/13 14:34	1
Vinyl chloride	<0.00050		0.00050	0.00010	mg/L			12/19/13 14:34	1
Bromomethane	<0.0010		0.0010	0.00031	mg/L			12/19/13 14:34	1
Chloroethane	<0.0010		0.0010	0.00034	mg/L			12/19/13 14:34	1
Trichlorofluoromethane	<0.0010		0.0010	0.00019	mg/L			12/19/13 14:34	1
1,1-Dichloroethene	<0.0010		0.0010	0.00031	mg/L			12/19/13 14:34	1
Carbon disulfide	<0.0050		0.0050	0.00043	mg/L			12/19/13 14:34	1
Acetone	<0.0050		0.0050	0.0013	mg/L			12/19/13 14:34	1
Methylene Chloride	<0.0050		0.0050	0.00068	mg/L			12/19/13 14:34	1
trans-1,2-Dichloroethene	<0.0010		0.0010	0.00025	mg/L			12/19/13 14:34	1
Methyl tert-butyl ether	<0.0010		0.0010	0.00024	mg/L			12/19/13 14:34	1
1,1-Dichloroethane	<0.0010		0.0010	0.00019	mg/L			12/19/13 14:34	1
2,2-Dichloropropane	<0.0010		0.0010	0.00032	mg/L			12/19/13 14:34	1
cis-1,2-Dichloroethene	<0.0010		0.0010	0.00012	mg/L			12/19/13 14:34	1
Methyl Ethyl Ketone	<0.0050		0.0050	0.0015	mg/L			12/19/13 14:34	1
Bromochloromethane	<0.0010		0.0010	0.00040	mg/L			12/19/13 14:34	1
Chloroform	<0.0010		0.0010	0.00020	mg/L			12/19/13 14:34	1
1,1,1-Trichloroethane	<0.0010		0.0010	0.00020	mg/L			12/19/13 14:34	1
1,1-Dichloropropene	<0.0010		0.0010	0.00034	mg/L			12/19/13 14:34	1
Carbon tetrachloride	<0.0010		0.0010	0.00026	mg/L			12/19/13 14:34	1
Benzene	<0.00050		0.00050	0.000074	mg/L			12/19/13 14:34	1
1,2-Dichloroethane	<0.0010		0.0010	0.00028	mg/L			12/19/13 14:34	1
Trichloroethene	<0.00050		0.00050	0.00019	mg/L			12/19/13 14:34	1
1,2-Dichloropropane	<0.0010		0.0010	0.00020	mg/L			12/19/13 14:34	1
Dibromomethane	<0.0010		0.0010	0.00033	mg/L			12/19/13 14:34	1
Bromodichloromethane	<0.0010		0.0010	0.00017	mg/L			12/19/13 14:34	1
cis-1,3-Dichloropropene	<0.0010		0.0010	0.00018	mg/L			12/19/13 14:34	1
methyl isobutyl ketone	<0.0050		0.0050	0.00033	mg/L			12/19/13 14:34	1
Toluene	<0.00050		0.00050	0.00011	mg/L			12/19/13 14:34	1
trans-1,3-Dichloropropene	<0.0010		0.0010	0.00021	mg/L			12/19/13 14:34	1
1,1,2-Trichloroethane	<0.0010		0.0010	0.00028	mg/L			12/19/13 14:34	1
Tetrachloroethene	<0.0010		0.0010	0.00017	mg/L			12/19/13 14:34	1
1,3-Dichloropropane	<0.0010		0.0010	0.00013	mg/L			12/19/13 14:34	1
2-Hexanone	<0.0050		0.0050	0.00056	mg/L			12/19/13 14:34	1
Dibromochloromethane	<0.0010		0.0010	0.00032	mg/L			12/19/13 14:34	1
1,2-Dibromoethane	<0.0010		0.0010	0.00036	mg/L			12/19/13 14:34	1
Chlorobenzene	<0.0010		0.0010	0.00014	mg/L			12/19/13 14:34	1
1,1,1,2-Tetrachloroethane	<0.0010		0.0010	0.00025	mg/L			12/19/13 14:34	1
Ethylbenzene	<0.00050		0.00050	0.00013	mg/L			12/19/13 14:34	1
m&p-Xylene	<0.0010		0.0010	0.00026	mg/L			12/19/13 14:34	1
o-Xylene	<0.00050		0.00050	0.000068	mg/L			12/19/13 14:34	1
Styrene	<0.0010		0.0010	0.00010	mg/L			12/19/13 14:34	1
Bromoform	<0.0010		0.0010	0.00028	mg/L			12/19/13 14:34	1
Isopropylbenzene	<0.0010		0.0010	0.00014	mg/L			12/19/13 14:34	1
Bromobenzene	<0.0010		0.0010	0.00025	mg/L			12/19/13 14:34	1
1,1,2,2-Tetrachloroethane	<0.0010		0.0010	0.00023	mg/L			12/19/13 14:34	1
1,2,3-Trichloropropane	<0.0010		0.0010	0.00045	mg/L			12/19/13 14:34	1
N-Propylbenzene	<0.0010		0.0010	0.00013	mg/L			12/19/13 14:34	1

Client Sample Results

Client: Autumnwood Consultants
Project/Site: Central Wire

TestAmerica Job ID: 500-68790-1

Client Sample ID: DGWI

Lab Sample ID: 500-68790-2

Date Collected: 12/13/13 13:32
Date Received: 12/16/13 09:45

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	0.00021	mg/L			12/19/13 14:34	1
1,3,5-Trimethylbenzene	<0.0010		0.0010	0.00018	mg/L			12/19/13 14:34	1
4-Chlorotoluene	<0.0010		0.0010	0.00020	mg/L			12/19/13 14:34	1
tert-Butylbenzene	<0.0010		0.0010	0.00014	mg/L			12/19/13 14:34	1
1,2,4-Trimethylbenzene	<0.0010		0.0010	0.00014	mg/L			12/19/13 14:34	1
sec-Butylbenzene	<0.0010		0.0010	0.00015	mg/L			12/19/13 14:34	1
1,3-Dichlorobenzene	<0.0010		0.0010	0.00015	mg/L			12/19/13 14:34	1
p-Isopropyltoluene	<0.0010		0.0010	0.00017	mg/L			12/19/13 14:34	1
1,4-Dichlorobenzene	<0.0010		0.0010	0.00015	mg/L			12/19/13 14:34	1
n-Butylbenzene	<0.0010		0.0010	0.00013	mg/L			12/19/13 14:34	1
1,2-Dichlorobenzene	<0.0010		0.0010	0.00027	mg/L			12/19/13 14:34	1
1,2-Dibromo-3-Chloropropane	<0.0020		0.0020	0.00087	mg/L			12/19/13 14:34	1
1,2,4-Trichlorobenzene	<0.0010		0.0010	0.00031	mg/L			12/19/13 14:34	1
Hexachlorobutadiene	<0.0010		0.0010	0.00026	mg/L			12/19/13 14:34	1
Naphthalene	<0.0010		0.0010	0.00016	mg/L			12/19/13 14:34	1
1,2,3-Trichlorobenzene	<0.0010		0.0010	0.00024	mg/L			12/19/13 14:34	1
1,3-Dichloropropene, Total	<0.0010		0.0010	0.00018	mg/L			12/19/13 14:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*75 - 125*		*12/19/13 14:34*	*1*
Toluene-d8 (Surr)	*107*		*75 - 120*		*12/19/13 14:34*	*1*
4-Bromofluorobenzene (Surr)	*96*		*75 - 120*		*12/19/13 14:34*	*1*
Dibromofluoromethane	*103*		*75 - 120*		*12/19/13 14:34*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.010		0.010	0.0026	mg/L		12/18/13 09:00	12/18/13 22:18	1
Barium	**0.070**		0.010	0.0011	mg/L		12/18/13 09:00	12/18/13 22:18	1
Cadmium	**0.00072**	J	0.0020	0.00026	mg/L		12/18/13 09:00	12/18/13 22:18	1
Chromium	<0.010		0.010	0.0010	mg/L		12/18/13 09:00	12/18/13 22:18	1
Lead	<0.0050		0.0050	0.0023	mg/L		12/18/13 09:00	12/18/13 22:18	1
Selenium	<0.010		0.010	0.0046	mg/L		12/18/13 09:00	12/18/13 22:18	1
Silver	<0.0050		0.0050	0.00057	mg/L		12/18/13 09:00	12/18/13 22:18	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.000064	mg/L		12/18/13 15:43	12/19/13 10:23	1

Client Sample Results

Client: Autumnwood Consultants
Project/Site: Central Wire

TestAmerica Job ID: 500-68790-1

Client Sample ID: DGWD

Lab Sample ID: 500-68790-3

Date Collected: 12/13/13 13:05
Date Received: 12/16/13 09:45

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<0.0010		0.0010	0.00020	mg/L			12/19/13 14:58	1
Chloromethane	<0.0010		0.0010	0.00018	mg/L			12/19/13 14:58	1
Vinyl chloride	<0.00050		0.00050	0.00010	mg/L			12/19/13 14:58	1
Bromomethane	<0.0010		0.0010	0.00031	mg/L			12/19/13 14:58	1
Chloroethane	<0.0010		0.0010	0.00034	mg/L			12/19/13 14:58	1
Trichlorofluoromethane	<0.0010		0.0010	0.00019	mg/L			12/19/13 14:58	1
1,1-Dichloroethene	<0.0010		0.0010	0.00031	mg/L			12/19/13 14:58	1
Carbon disulfide	<0.0050		0.0050	0.00043	mg/L			12/19/13 14:58	1
Acetone	<0.0050		0.0050	0.0013	mg/L			12/19/13 14:58	1
Methylene Chloride	<0.0050		0.0050	0.00068	mg/L			12/19/13 14:58	1
trans-1,2-Dichloroethene	<0.0010		0.0010	0.00025	mg/L			12/19/13 14:58	1
Methyl tert-butyl ether	<0.0010		0.0010	0.00024	mg/L			12/19/13 14:58	1
1,1-Dichloroethane	<0.0010		0.0010	0.00019	mg/L			12/19/13 14:58	1
2,2-Dichloropropane	<0.0010		0.0010	0.00032	mg/L			12/19/13 14:58	1
cis-1,2-Dichloroethene	<0.0010		0.0010	0.00012	mg/L			12/19/13 14:58	1
Methyl Ethyl Ketone	<0.0050		0.0050	0.0015	mg/L			12/19/13 14:58	1
Bromochloromethane	<0.0010		0.0010	0.00040	mg/L			12/19/13 14:58	1
Chloroform	<0.0010		0.0010	0.00020	mg/L			12/19/13 14:58	1
1,1,1-Trichloroethane	<0.0010		0.0010	0.00020	mg/L			12/19/13 14:58	1
1,1-Dichloropropene	<0.0010		0.0010	0.00034	mg/L			12/19/13 14:58	1
Carbon tetrachloride	<0.0010		0.0010	0.00026	mg/L			12/19/13 14:58	1
Benzene	<0.00050		0.00050	0.000074	mg/L			12/19/13 14:58	1
1,2-Dichloroethane	<0.0010		0.0010	0.00028	mg/L			12/19/13 14:58	1
Trichloroethene	<0.00050		0.00050	0.00019	mg/L			12/19/13 14:58	1
1,2-Dichloropropane	<0.0010		0.0010	0.00020	mg/L			12/19/13 14:58	1
Dibromomethane	<0.0010		0.0010	0.00033	mg/L			12/19/13 14:58	1
Bromodichloromethane	<0.0010		0.0010	0.00017	mg/L			12/19/13 14:58	1
cis-1,3-Dichloropropene	<0.0010		0.0010	0.00018	mg/L			12/19/13 14:58	1
methyl isobutyl ketone	<0.0050		0.0050	0.00033	mg/L			12/19/13 14:58	1
Toluene	<0.00050		0.00050	0.00011	mg/L			12/19/13 14:58	1
trans-1,3-Dichloropropene	<0.0010		0.0010	0.00021	mg/L			12/19/13 14:58	1
1,1,2-Trichloroethane	<0.0010		0.0010	0.00028	mg/L			12/19/13 14:58	1
Tetrachloroethene	<0.0010		0.0010	0.00017	mg/L			12/19/13 14:58	1
1,3-Dichloropropane	<0.0010		0.0010	0.00013	mg/L			12/19/13 14:58	1
2-Hexanone	<0.0050		0.0050	0.00056	mg/L			12/19/13 14:58	1
Dibromochloromethane	<0.0010		0.0010	0.00032	mg/L			12/19/13 14:58	1
1,2-Dibromoethane	<0.0010		0.0010	0.00036	mg/L			12/19/13 14:58	1
Chlorobenzene	<0.0010		0.0010	0.00014	mg/L			12/19/13 14:58	1
1,1,1,2-Tetrachloroethane	<0.0010		0.0010	0.00025	mg/L			12/19/13 14:58	1
Ethylbenzene	<0.00050		0.00050	0.00013	mg/L			12/19/13 14:58	1
m&p-Xylene	<0.0010		0.0010	0.00026	mg/L			12/19/13 14:58	1
o-Xylene	<0.00050		0.00050	0.000068	mg/L			12/19/13 14:58	1
Styrene	<0.0010		0.0010	0.00010	mg/L			12/19/13 14:58	1
Bromoform	<0.0010		0.0010	0.00028	mg/L			12/19/13 14:58	1
Isopropylbenzene	<0.0010		0.0010	0.00014	mg/L			12/19/13 14:58	1
Bromobenzene	<0.0010		0.0010	0.00025	mg/L			12/19/13 14:58	1
1,1,2,2-Tetrachloroethane	<0.0010		0.0010	0.00023	mg/L			12/19/13 14:58	1
1,2,3-Trichloropropane	<0.0010		0.0010	0.00045	mg/L			12/19/13 14:58	1
N-Propylbenzene	<0.0010		0.0010	0.00013	mg/L			12/19/13 14:58	1

Client Sample Results

Client: Autumnwood Consultants
Project/Site: Central Wire

TestAmerica Job ID: 500-68790-1

Client Sample ID: DGWD

Lab Sample ID: 500-68790-3

Date Collected: 12/13/13 13:05
Date Received: 12/16/13 09:45

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	0.00021	mg/L			12/19/13 14:58	1
1,3,5-Trimethylbenzene	<0.0010		0.0010	0.00018	mg/L			12/19/13 14:58	1
4-Chlorotoluene	<0.0010		0.0010	0.00020	mg/L			12/19/13 14:58	1
tert-Butylbenzene	<0.0010		0.0010	0.00014	mg/L			12/19/13 14:58	1
1,2,4-Trimethylbenzene	<0.0010		0.0010	0.00014	mg/L			12/19/13 14:58	1
sec-Butylbenzene	<0.0010		0.0010	0.00015	mg/L			12/19/13 14:58	1
1,3-Dichlorobenzene	<0.0010		0.0010	0.00015	mg/L			12/19/13 14:58	1
p-Isopropyltoluene	<0.0010		0.0010	0.00017	mg/L			12/19/13 14:58	1
1,4-Dichlorobenzene	<0.0010		0.0010	0.00015	mg/L			12/19/13 14:58	1
n-Butylbenzene	<0.0010		0.0010	0.00013	mg/L			12/19/13 14:58	1
1,2-Dichlorobenzene	<0.0010		0.0010	0.00027	mg/L			12/19/13 14:58	1
1,2-Dibromo-3-Chloropropane	<0.0020		0.0020	0.00087	mg/L			12/19/13 14:58	1
1,2,4-Trichlorobenzene	<0.0010		0.0010	0.00031	mg/L			12/19/13 14:58	1
Hexachlorobutadiene	<0.0010		0.0010	0.00026	mg/L			12/19/13 14:58	1
Naphthalene	<0.0010		0.0010	0.00016	mg/L			12/19/13 14:58	1
1,2,3-Trichlorobenzene	<0.0010		0.0010	0.00024	mg/L			12/19/13 14:58	1
1,3-Dichloropropene, Total	<0.0010		0.0010	0.00018	mg/L			12/19/13 14:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*75 - 125*		*12/19/13 14:58*	*1*
Toluene-d8 (Surr)	*106*		*75 - 120*		*12/19/13 14:58*	*1*
4-Bromofluorobenzene (Surr)	*97*		*75 - 120*		*12/19/13 14:58*	*1*
Dibromofluoromethane	*104*		*75 - 120*		*12/19/13 14:58*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.010		0.010	0.0026	mg/L		12/18/13 09:00	12/18/13 22:22	1
Barium	**0.043**		0.010	0.0011	mg/L		12/18/13 09:00	12/18/13 22:22	1
Cadmium	**0.00062**	J	0.0020	0.00026	mg/L		12/18/13 09:00	12/18/13 22:22	1
Chromium	**0.0028**	J	0.010	0.0010	mg/L		12/18/13 09:00	12/18/13 22:22	1
Lead	**0.0033**	J	0.0050	0.0023	mg/L		12/18/13 09:00	12/18/13 22:22	1
Selenium	<0.010		0.010	0.0046	mg/L		12/18/13 09:00	12/18/13 22:22	1
Silver	<0.0050		0.0050	0.00057	mg/L		12/18/13 09:00	12/18/13 22:22	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.000065**	J	0.00020	0.000064	mg/L		12/18/13 15:43	12/19/13 10:29	1

Client Sample Results

Client: Autumnwood Consultants
Project/Site: Central Wire

TestAmerica Job ID: 500-68790-1

Client Sample ID: MW4

Lab Sample ID: 500-68790-4

Date Collected: 12/13/13 12:08
Date Received: 12/16/13 09:45

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<0.0010		0.0010	0.00020	mg/L			12/19/13 15:23	1
Chloromethane	<0.0010		0.0010	0.00018	mg/L			12/19/13 15:23	1
Vinyl chloride	<0.00050		0.00050	0.00010	mg/L			12/19/13 15:23	1
Bromomethane	<0.0010		0.0010	0.00031	mg/L			12/19/13 15:23	1
Chloroethane	<0.0010		0.0010	0.00034	mg/L			12/19/13 15:23	1
Trichlorofluoromethane	<0.0010		0.0010	0.00019	mg/L			12/19/13 15:23	1
1,1-Dichloroethene	<0.0010		0.0010	0.00031	mg/L			12/19/13 15:23	1
Carbon disulfide	<0.0050		0.0050	0.00043	mg/L			12/19/13 15:23	1
Acetone	<0.0050		0.0050	0.0013	mg/L			12/19/13 15:23	1
Methylene Chloride	<0.0050		0.0050	0.00068	mg/L			12/19/13 15:23	1
trans-1,2-Dichloroethene	<0.0010		0.0010	0.00025	mg/L			12/19/13 15:23	1
Methyl tert-butyl ether	<0.0010		0.0010	0.00024	mg/L			12/19/13 15:23	1
1,1-Dichloroethane	**0.00060**	**J**	0.0010	0.00019	mg/L			12/19/13 15:23	1
2,2-Dichloropropane	<0.0010		0.0010	0.00032	mg/L			12/19/13 15:23	1
cis-1,2-Dichloroethene	**0.0016**		0.0010	0.00012	mg/L			12/19/13 15:23	1
Methyl Ethyl Ketone	<0.0050		0.0050	0.0015	mg/L			12/19/13 15:23	1
Bromochloromethane	<0.0010		0.0010	0.00040	mg/L			12/19/13 15:23	1
Chloroform	<0.0010		0.0010	0.00020	mg/L			12/19/13 15:23	1
1,1,1-Trichloroethane	**0.0066**		0.0010	0.00020	mg/L			12/19/13 15:23	1
1,1-Dichloropropene	<0.0010		0.0010	0.00034	mg/L			12/19/13 15:23	1
Carbon tetrachloride	<0.0010		0.0010	0.00026	mg/L			12/19/13 15:23	1
Benzene	<0.00050		0.00050	0.000074	mg/L			12/19/13 15:23	1
1,2-Dichloroethane	<0.0010		0.0010	0.00028	mg/L			12/19/13 15:23	1
Trichloroethene	**0.0028**		0.00050	0.00019	mg/L			12/19/13 15:23	1
1,2-Dichloropropane	<0.0010		0.0010	0.00020	mg/L			12/19/13 15:23	1
Dibromomethane	<0.0010		0.0010	0.00033	mg/L			12/19/13 15:23	1
Bromodichloromethane	<0.0010		0.0010	0.00017	mg/L			12/19/13 15:23	1
cis-1,3-Dichloropropene	<0.0010		0.0010	0.00018	mg/L			12/19/13 15:23	1
methyl isobutyl ketone	<0.0050		0.0050	0.00033	mg/L			12/19/13 15:23	1
Toluene	<0.00050		0.00050	0.00011	mg/L			12/19/13 15:23	1
trans-1,3-Dichloropropene	<0.0010		0.0010	0.00021	mg/L			12/19/13 15:23	1
1,1,2-Trichloroethane	<0.0010		0.0010	0.00028	mg/L			12/19/13 15:23	1
Tetrachloroethene	**0.022**		0.0010	0.00017	mg/L			12/19/13 15:23	1
1,3-Dichloropropane	<0.0010		0.0010	0.00013	mg/L			12/19/13 15:23	1
2-Hexanone	<0.0050		0.0050	0.00056	mg/L			12/19/13 15:23	1
Dibromochloromethane	<0.0010		0.0010	0.00032	mg/L			12/19/13 15:23	1
1,2-Dibromoethane	<0.0010		0.0010	0.00036	mg/L			12/19/13 15:23	1
Chlorobenzene	<0.0010		0.0010	0.00014	mg/L			12/19/13 15:23	1
1,1,1,2-Tetrachloroethane	<0.0010		0.0010	0.00025	mg/L			12/19/13 15:23	1
Ethylbenzene	<0.00050		0.00050	0.00013	mg/L			12/19/13 15:23	1
m&p-Xylene	<0.0010		0.0010	0.00026	mg/L			12/19/13 15:23	1
o-Xylene	<0.00050		0.00050	0.000068	mg/L			12/19/13 15:23	1
Styrene	<0.0010		0.0010	0.00010	mg/L			12/19/13 15:23	1
Bromoform	<0.0010		0.0010	0.00028	mg/L			12/19/13 15:23	1
Isopropylbenzene	<0.0010		0.0010	0.00014	mg/L			12/19/13 15:23	1
Bromobenzene	<0.0010		0.0010	0.00025	mg/L			12/19/13 15:23	1
1,1,2,2-Tetrachloroethane	<0.0010		0.0010	0.00023	mg/L			12/19/13 15:23	1
1,2,3-Trichloropropane	<0.0010		0.0010	0.00045	mg/L			12/19/13 15:23	1
N-Propylbenzene	<0.0010		0.0010	0.00013	mg/L			12/19/13 15:23	1

Client Sample Results

Client: Autumnwood Consultants
Project/Site: Central Wire

TestAmerica Job ID: 500-68790-1

Client Sample ID: MW4

Lab Sample ID: 500-68790-4

Date Collected: 12/13/13 12:08
Date Received: 12/16/13 09:45

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	0.00021	mg/L			12/19/13 15:23	1
1,3,5-Trimethylbenzene	<0.0010		0.0010	0.00018	mg/L			12/19/13 15:23	1
4-Chlorotoluene	<0.0010		0.0010	0.00020	mg/L			12/19/13 15:23	1
tert-Butylbenzene	<0.0010		0.0010	0.00014	mg/L			12/19/13 15:23	1
1,2,4-Trimethylbenzene	<0.0010		0.0010	0.00014	mg/L			12/19/13 15:23	1
sec-Butylbenzene	<0.0010		0.0010	0.00015	mg/L			12/19/13 15:23	1
1,3-Dichlorobenzene	<0.0010		0.0010	0.00015	mg/L			12/19/13 15:23	1
p-Isopropyltoluene	<0.0010		0.0010	0.00017	mg/L			12/19/13 15:23	1
1,4-Dichlorobenzene	<0.0010		0.0010	0.00015	mg/L			12/19/13 15:23	1
n-Butylbenzene	<0.0010		0.0010	0.00013	mg/L			12/19/13 15:23	1
1,2-Dichlorobenzene	<0.0010		0.0010	0.00027	mg/L			12/19/13 15:23	1
1,2-Dibromo-3-Chloropropane	<0.0020		0.0020	0.00087	mg/L			12/19/13 15:23	1
1,2,4-Trichlorobenzene	<0.0010		0.0010	0.00031	mg/L			12/19/13 15:23	1
Hexachlorobutadiene	<0.0010		0.0010	0.00026	mg/L			12/19/13 15:23	1
Naphthalene	<0.0010		0.0010	0.00016	mg/L			12/19/13 15:23	1
1,2,3-Trichlorobenzene	<0.0010		0.0010	0.00024	mg/L			12/19/13 15:23	1
1,3-Dichloropropene, Total	<0.0010		0.0010	0.00018	mg/L			12/19/13 15:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*75 - 125*		*12/19/13 15:23*	*1*
Toluene-d8 (Surr)	*107*		*75 - 120*		*12/19/13 15:23*	*1*
4-Bromofluorobenzene (Surr)	*97*		*75 - 120*		*12/19/13 15:23*	*1*
Dibromofluoromethane	*103*		*75 - 120*		*12/19/13 15:23*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.010		0.010	0.0026	mg/L		12/18/13 09:00	12/18/13 22:26	1
Barium	**0.034**		0.010	0.0011	mg/L		12/18/13 09:00	12/18/13 22:26	1
Cadmium	**0.00089**	J	0.0020	0.00026	mg/L		12/18/13 09:00	12/18/13 22:26	1
Chromium	**0.17**		0.010	0.0010	mg/L		12/18/13 09:00	12/18/13 22:26	1
Lead	**0.0051**		0.0050	0.0023	mg/L		12/18/13 09:00	12/18/13 22:26	1
Selenium	<0.010		0.010	0.0046	mg/L		12/18/13 09:00	12/18/13 22:26	1
Silver	<0.0050		0.0050	0.00057	mg/L		12/18/13 09:00	12/18/13 22:26	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.000064	mg/L		12/18/13 15:43	12/19/13 10:31	1

Client Sample Results

Client: Autumnwood Consultants
Project/Site: Central Wire

TestAmerica Job ID: 500-68790-1

Client Sample ID: Dup

Lab Sample ID: 500-68790-5

Date Collected: 12/13/13 00:00
Date Received: 12/16/13 09:45

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<0.0010		0.0010	0.00020	mg/L			12/19/13 15:48	1
Chloromethane	<0.0010		0.0010	0.00018	mg/L			12/19/13 15:48	1
Vinyl chloride	<0.00050		0.00050	0.00010	mg/L			12/19/13 15:48	1
Bromomethane	<0.0010		0.0010	0.00031	mg/L			12/19/13 15:48	1
Chloroethane	<0.0010		0.0010	0.00034	mg/L			12/19/13 15:48	1
Trichlorofluoromethane	<0.0010		0.0010	0.00019	mg/L			12/19/13 15:48	1
1,1-Dichloroethene	<0.0010		0.0010	0.00031	mg/L			12/19/13 15:48	1
Carbon disulfide	<0.0050		0.0050	0.00043	mg/L			12/19/13 15:48	1
Acetone	<0.0050		0.0050	0.0013	mg/L			12/19/13 15:48	1
Methylene Chloride	<0.0050		0.0050	0.00068	mg/L			12/19/13 15:48	1
trans-1,2-Dichloroethene	<0.0010		0.0010	0.00025	mg/L			12/19/13 15:48	1
Methyl tert-butyl ether	<0.0010		0.0010	0.00024	mg/L			12/19/13 15:48	1
1,1-Dichloroethane	<0.0010		0.0010	0.00019	mg/L			12/19/13 15:48	1
2,2-Dichloropropane	<0.0010		0.0010	0.00032	mg/L			12/19/13 15:48	1
cis-1,2-Dichloroethene	<0.0010		0.0010	0.00012	mg/L			12/19/13 15:48	1
Methyl Ethyl Ketone	<0.0050		0.0050	0.0015	mg/L			12/19/13 15:48	1
Bromochloromethane	<0.0010		0.0010	0.00040	mg/L			12/19/13 15:48	1
Chloroform	<0.0010		0.0010	0.00020	mg/L			12/19/13 15:48	1
1,1,1-Trichloroethane	<0.0010		0.0010	0.00020	mg/L			12/19/13 15:48	1
1,1-Dichloropropene	<0.0010		0.0010	0.00034	mg/L			12/19/13 15:48	1
Carbon tetrachloride	<0.0010		0.0010	0.00026	mg/L			12/19/13 15:48	1
Benzene	<0.00050		0.00050	0.000074	mg/L			12/19/13 15:48	1
1,2-Dichloroethane	<0.0010		0.0010	0.00028	mg/L			12/19/13 15:48	1
Trichloroethene	<0.00050		0.00050	0.00019	mg/L			12/19/13 15:48	1
1,2-Dichloropropane	<0.0010		0.0010	0.00020	mg/L			12/19/13 15:48	1
Dibromomethane	<0.0010		0.0010	0.00033	mg/L			12/19/13 15:48	1
Bromodichloromethane	<0.0010		0.0010	0.00017	mg/L			12/19/13 15:48	1
cis-1,3-Dichloropropene	<0.0010		0.0010	0.00018	mg/L			12/19/13 15:48	1
methyl isobutyl ketone	<0.0050		0.0050	0.00033	mg/L			12/19/13 15:48	1
Toluene	<0.00050		0.00050	0.00011	mg/L			12/19/13 15:48	1
trans-1,3-Dichloropropene	<0.0010		0.0010	0.00021	mg/L			12/19/13 15:48	1
1,1,2-Trichloroethane	<0.0010		0.0010	0.00028	mg/L			12/19/13 15:48	1
Tetrachloroethene	<0.0010		0.0010	0.00017	mg/L			12/19/13 15:48	1
1,3-Dichloropropane	<0.0010		0.0010	0.00013	mg/L			12/19/13 15:48	1
2-Hexanone	<0.0050		0.0050	0.00056	mg/L			12/19/13 15:48	1
Dibromochloromethane	<0.0010		0.0010	0.00032	mg/L			12/19/13 15:48	1
1,2-Dibromoethane	<0.0010		0.0010	0.00036	mg/L			12/19/13 15:48	1
Chlorobenzene	<0.0010		0.0010	0.00014	mg/L			12/19/13 15:48	1
1,1,1,2-Tetrachloroethane	<0.0010		0.0010	0.00025	mg/L			12/19/13 15:48	1
Ethylbenzene	<0.00050		0.00050	0.00013	mg/L			12/19/13 15:48	1
m&p-Xylene	<0.0010		0.0010	0.00026	mg/L			12/19/13 15:48	1
o-Xylene	<0.00050		0.00050	0.000068	mg/L			12/19/13 15:48	1
Styrene	<0.0010		0.0010	0.00010	mg/L			12/19/13 15:48	1
Bromoform	<0.0010		0.0010	0.00028	mg/L			12/19/13 15:48	1
Isopropylbenzene	<0.0010		0.0010	0.00014	mg/L			12/19/13 15:48	1
Bromobenzene	<0.0010		0.0010	0.00025	mg/L			12/19/13 15:48	1
1,1,2,2-Tetrachloroethane	<0.0010		0.0010	0.00023	mg/L			12/19/13 15:48	1
1,2,3-Trichloropropane	<0.0010		0.0010	0.00045	mg/L			12/19/13 15:48	1
N-Propylbenzene	<0.0010		0.0010	0.00013	mg/L			12/19/13 15:48	1

Client Sample Results

Client: Autumnwood Consultants
Project/Site: Central Wire

TestAmerica Job ID: 500-68790-1

Client Sample ID: Dup

Lab Sample ID: 500-68790-5

Date Collected: 12/13/13 00:00
Date Received: 12/16/13 09:45

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	0.00021	mg/L			12/19/13 15:48	1
1,3,5-Trimethylbenzene	<0.0010		0.0010	0.00018	mg/L			12/19/13 15:48	1
4-Chlorotoluene	<0.0010		0.0010	0.00020	mg/L			12/19/13 15:48	1
tert-Butylbenzene	<0.0010		0.0010	0.00014	mg/L			12/19/13 15:48	1
1,2,4-Trimethylbenzene	<0.0010		0.0010	0.00014	mg/L			12/19/13 15:48	1
sec-Butylbenzene	<0.0010		0.0010	0.00015	mg/L			12/19/13 15:48	1
1,3-Dichlorobenzene	<0.0010		0.0010	0.00015	mg/L			12/19/13 15:48	1
p-Isopropyltoluene	<0.0010		0.0010	0.00017	mg/L			12/19/13 15:48	1
1,4-Dichlorobenzene	<0.0010		0.0010	0.00015	mg/L			12/19/13 15:48	1
n-Butylbenzene	<0.0010		0.0010	0.00013	mg/L			12/19/13 15:48	1
1,2-Dichlorobenzene	<0.0010		0.0010	0.00027	mg/L			12/19/13 15:48	1
1,2-Dibromo-3-Chloropropane	<0.0020		0.0020	0.00087	mg/L			12/19/13 15:48	1
1,2,4-Trichlorobenzene	<0.0010		0.0010	0.00031	mg/L			12/19/13 15:48	1
Hexachlorobutadiene	<0.0010		0.0010	0.00026	mg/L			12/19/13 15:48	1
Naphthalene	<0.0010		0.0010	0.00016	mg/L			12/19/13 15:48	1
1,2,3-Trichlorobenzene	<0.0010		0.0010	0.00024	mg/L			12/19/13 15:48	1
1,3-Dichloropropene, Total	<0.0010		0.0010	0.00018	mg/L			12/19/13 15:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*75 - 125*		*12/19/13 15:48*	*1*
Toluene-d8 (Surr)	*106*		*75 - 120*		*12/19/13 15:48*	*1*
4-Bromofluorobenzene (Surr)	*95*		*75 - 120*		*12/19/13 15:48*	*1*
Dibromofluoromethane	*102*		*75 - 120*		*12/19/13 15:48*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.010		0.010	0.0026	mg/L		12/18/13 09:00	12/18/13 22:30	1
Barium	**0.069**		0.010	0.0011	mg/L		12/18/13 09:00	12/18/13 22:30	1
Cadmium	**0.00062**	J	0.0020	0.00026	mg/L		12/18/13 09:00	12/18/13 22:30	1
Chromium	**0.0019**	J	0.010	0.0010	mg/L		12/18/13 09:00	12/18/13 22:30	1
Lead	<0.0050		0.0050	0.0023	mg/L		12/18/13 09:00	12/18/13 22:30	1
Selenium	<0.010		0.010	0.0046	mg/L		12/18/13 09:00	12/18/13 22:30	1
Silver	<0.0050		0.0050	0.00057	mg/L		12/18/13 09:00	12/18/13 22:30	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.000064	mg/L		12/18/13 15:43	12/19/13 10:39	1

Client Sample Results

Client: Autumnwood Consultants
Project/Site: Central Wire

TestAmerica Job ID: 500-68790-1

Client Sample ID: Trip Blank

Lab Sample ID: 500-68790-6

Date Collected: 12/13/13 00:00
Date Received: 12/16/13 09:45

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<0.0010		0.0010	0.00020	mg/L			12/19/13 16:12	1
Chloromethane	<0.0010		0.0010	0.00018	mg/L			12/19/13 16:12	1
Vinyl chloride	<0.00050		0.00050	0.00010	mg/L			12/19/13 16:12	1
Bromomethane	<0.0010		0.0010	0.00031	mg/L			12/19/13 16:12	1
Chloroethane	<0.0010		0.0010	0.00034	mg/L			12/19/13 16:12	1
Trichlorofluoromethane	<0.0010		0.0010	0.00019	mg/L			12/19/13 16:12	1
1,1-Dichloroethene	<0.0010		0.0010	0.00031	mg/L			12/19/13 16:12	1
Carbon disulfide	<0.0050		0.0050	0.00043	mg/L			12/19/13 16:12	1
Acetone	<0.0050		0.0050	0.0013	mg/L			12/19/13 16:12	1
Methylene Chloride	<0.0050		0.0050	0.00068	mg/L			12/19/13 16:12	1
trans-1,2-Dichloroethene	<0.0010		0.0010	0.00025	mg/L			12/19/13 16:12	1
Methyl tert-butyl ether	<0.0010		0.0010	0.00024	mg/L			12/19/13 16:12	1
1,1-Dichloroethane	<0.0010		0.0010	0.00019	mg/L			12/19/13 16:12	1
2,2-Dichloropropane	<0.0010		0.0010	0.00032	mg/L			12/19/13 16:12	1
cis-1,2-Dichloroethene	<0.0010		0.0010	0.00012	mg/L			12/19/13 16:12	1
Methyl Ethyl Ketone	<0.0050		0.0050	0.0015	mg/L			12/19/13 16:12	1
Bromochloromethane	<0.0010		0.0010	0.00040	mg/L			12/19/13 16:12	1
Chloroform	<0.0010		0.0010	0.00020	mg/L			12/19/13 16:12	1
1,1,1-Trichloroethane	<0.0010		0.0010	0.00020	mg/L			12/19/13 16:12	1
1,1-Dichloropropene	<0.0010		0.0010	0.00034	mg/L			12/19/13 16:12	1
Carbon tetrachloride	<0.0010		0.0010	0.00026	mg/L			12/19/13 16:12	1
Benzene	<0.00050		0.00050	0.000074	mg/L			12/19/13 16:12	1
1,2-Dichloroethane	<0.0010		0.0010	0.00028	mg/L			12/19/13 16:12	1
Trichloroethene	<0.00050		0.00050	0.00019	mg/L			12/19/13 16:12	1
1,2-Dichloropropane	<0.0010		0.0010	0.00020	mg/L			12/19/13 16:12	1
Dibromomethane	<0.0010		0.0010	0.00033	mg/L			12/19/13 16:12	1
Bromodichloromethane	<0.0010		0.0010	0.00017	mg/L			12/19/13 16:12	1
cis-1,3-Dichloropropene	<0.0010		0.0010	0.00018	mg/L			12/19/13 16:12	1
methyl isobutyl ketone	<0.0050		0.0050	0.00033	mg/L			12/19/13 16:12	1
Toluene	<0.00050		0.00050	0.00011	mg/L			12/19/13 16:12	1
trans-1,3-Dichloropropene	<0.0010		0.0010	0.00021	mg/L			12/19/13 16:12	1
1,1,2-Trichloroethane	<0.0010		0.0010	0.00028	mg/L			12/19/13 16:12	1
Tetrachloroethene	<0.0010		0.0010	0.00017	mg/L			12/19/13 16:12	1
1,3-Dichloropropane	<0.0010		0.0010	0.00013	mg/L			12/19/13 16:12	1
2-Hexanone	<0.0050		0.0050	0.00056	mg/L			12/19/13 16:12	1
Dibromochloromethane	<0.0010		0.0010	0.00032	mg/L			12/19/13 16:12	1
1,2-Dibromoethane	<0.0010		0.0010	0.00036	mg/L			12/19/13 16:12	1
Chlorobenzene	<0.0010		0.0010	0.00014	mg/L			12/19/13 16:12	1
1,1,1,2-Tetrachloroethane	<0.0010		0.0010	0.00025	mg/L			12/19/13 16:12	1
Ethylbenzene	<0.00050		0.00050	0.00013	mg/L			12/19/13 16:12	1
m&p-Xylene	<0.0010		0.0010	0.00026	mg/L			12/19/13 16:12	1
o-Xylene	<0.00050		0.00050	0.000068	mg/L			12/19/13 16:12	1
Styrene	<0.0010		0.0010	0.00010	mg/L			12/19/13 16:12	1
Bromoform	<0.0010		0.0010	0.00028	mg/L			12/19/13 16:12	1
Isopropylbenzene	<0.0010		0.0010	0.00014	mg/L			12/19/13 16:12	1
Bromobenzene	<0.0010		0.0010	0.00025	mg/L			12/19/13 16:12	1
1,1,2,2-Tetrachloroethane	<0.0010		0.0010	0.00023	mg/L			12/19/13 16:12	1
1,2,3-Trichloropropane	<0.0010		0.0010	0.00045	mg/L			12/19/13 16:12	1
N-Propylbenzene	<0.0010		0.0010	0.00013	mg/L			12/19/13 16:12	1

Client Sample Results

Client: Autumnwood Consultants
Project/Site: Central Wire

TestAmerica Job ID: 500-68790-1

Client Sample ID: Trip Blank

Lab Sample ID: 500-68790-6

Date Collected: 12/13/13 00:00
Date Received: 12/16/13 09:45

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	0.00021	mg/L			12/19/13 16:12	1
1,3,5-Trimethylbenzene	<0.0010		0.0010	0.00018	mg/L			12/19/13 16:12	1
4-Chlorotoluene	<0.0010		0.0010	0.00020	mg/L			12/19/13 16:12	1
tert-Butylbenzene	<0.0010		0.0010	0.00014	mg/L			12/19/13 16:12	1
1,2,4-Trimethylbenzene	<0.0010		0.0010	0.00014	mg/L			12/19/13 16:12	1
sec-Butylbenzene	<0.0010		0.0010	0.00015	mg/L			12/19/13 16:12	1
1,3-Dichlorobenzene	<0.0010		0.0010	0.00015	mg/L			12/19/13 16:12	1
p-Isopropyltoluene	<0.0010		0.0010	0.00017	mg/L			12/19/13 16:12	1
1,4-Dichlorobenzene	<0.0010		0.0010	0.00015	mg/L			12/19/13 16:12	1
n-Butylbenzene	<0.0010		0.0010	0.00013	mg/L			12/19/13 16:12	1
1,2-Dichlorobenzene	<0.0010		0.0010	0.00027	mg/L			12/19/13 16:12	1
1,2-Dibromo-3-Chloropropane	<0.0020		0.0020	0.00087	mg/L			12/19/13 16:12	1
1,2,4-Trichlorobenzene	<0.0010		0.0010	0.00031	mg/L			12/19/13 16:12	1
Hexachlorobutadiene	<0.0010		0.0010	0.00026	mg/L			12/19/13 16:12	1
Naphthalene	<0.0010		0.0010	0.00016	mg/L			12/19/13 16:12	1
1,2,3-Trichlorobenzene	<0.0010		0.0010	0.00024	mg/L			12/19/13 16:12	1
1,3-Dichloropropene, Total	<0.0010		0.0010	0.00018	mg/L			12/19/13 16:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*75 - 125*		*12/19/13 16:12*	*1*
Toluene-d8 (Surr)	*107*		*75 - 120*		*12/19/13 16:12*	*1*
4-Bromofluorobenzene (Surr)	*95*		*75 - 120*		*12/19/13 16:12*	*1*
Dibromofluoromethane	*103*		*75 - 120*		*12/19/13 16:12*	*1*

Definitions/Glossary

Client: Autumnwood Consultants
Project/Site: Central Wire

TestAmerica Job ID: 500-68790-1

Qualifiers

GC/MS VOA

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

Metals

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

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
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: 500-68790-1

GC/MS VOA

Analysis Batch: 216908

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-68790-1	DGWS	Total/NA	Water	8260B	
500-68790-2	DGWI	Total/NA	Water	8260B	
500-68790-3	DGWD	Total/NA	Water	8260B	
500-68790-4	MW4	Total/NA	Water	8260B	
500-68790-5	Dup	Total/NA	Water	8260B	
500-68790-6	Trip Blank	Total/NA	Water	8260B	
LCS 500-216908/4	Lab Control Sample	Total/NA	Water	8260B	
MB 500-216908/6	Method Blank	Total/NA	Water	8260B	

Metals

Prep Batch: 216800

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-68790-1	DGWS	Total/NA	Water	3010A	
500-68790-1 DU	DGWS	Total/NA	Water	3010A	
500-68790-1 MS	DGWS	Total/NA	Water	3010A	
500-68790-1 MSD	DGWS	Total/NA	Water	3010A	
500-68790-2	DGWI	Total/NA	Water	3010A	
500-68790-3	DGWD	Total/NA	Water	3010A	
500-68790-4	MW4	Total/NA	Water	3010A	
500-68790-5	Dup	Total/NA	Water	3010A	
LCS 500-216800/2-A	Lab Control Sample	Total/NA	Water	3010A	
MB 500-216800/1-A	Method Blank	Total/NA	Water	3010A	

Prep Batch: 216858

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-68790-1	DGWS	Total/NA	Water	7470A	
500-68790-2	DGWI	Total/NA	Water	7470A	
500-68790-3	DGWD	Total/NA	Water	7470A	
500-68790-4	MW4	Total/NA	Water	7470A	
500-68790-4 DU	MW4	Total/NA	Water	7470A	
500-68790-4 MS	MW4	Total/NA	Water	7470A	
500-68790-4 MSD	MW4	Total/NA	Water	7470A	
500-68790-5	Dup	Total/NA	Water	7470A	
LCS 500-216858/13-A	Lab Control Sample	Total/NA	Water	7470A	
MB 500-216858/12-A	Method Blank	Total/NA	Water	7470A	

Analysis Batch: 216920

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-68790-1	DGWS	Total/NA	Water	6010B	216800
500-68790-1 DU	DGWS	Total/NA	Water	6010B	216800
500-68790-1 MS	DGWS	Total/NA	Water	6010B	216800
500-68790-1 MSD	DGWS	Total/NA	Water	6010B	216800
500-68790-2	DGWI	Total/NA	Water	6010B	216800
500-68790-3	DGWD	Total/NA	Water	6010B	216800
500-68790-4	MW4	Total/NA	Water	6010B	216800
500-68790-5	Dup	Total/NA	Water	6010B	216800
LCS 500-216800/2-A	Lab Control Sample	Total/NA	Water	6010B	216800
MB 500-216800/1-A	Method Blank	Total/NA	Water	6010B	216800

QC Association Summary

Client: Autumnwood Consultants
Project/Site: Central Wire

TestAmerica Job ID: 500-68790-1

Metals (Continued)

Analysis Batch: 216997

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-68790-1	DGWS	Total/NA	Water	7470A	216858
500-68790-2	DGWI	Total/NA	Water	7470A	216858
500-68790-3	DGWD	Total/NA	Water	7470A	216858
500-68790-4	MW4	Total/NA	Water	7470A	216858
500-68790-4 DU	MW4	Total/NA	Water	7470A	216858
500-68790-4 MS	MW4	Total/NA	Water	7470A	216858
500-68790-4 MSD	MW4	Total/NA	Water	7470A	216858
500-68790-5	Dup	Total/NA	Water	7470A	216858
LCS 500-216858/13-A	Lab Control Sample	Total/NA	Water	7470A	216858
MB 500-216858/12-A	Method Blank	Total/NA	Water	7470A	216858

Surrogate Summary

Client: Autumnwood Consultants
Project/Site: Central Wire

TestAmerica Job ID: 500-68790-1

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

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		12DCE	TOL	BFB	DBFM
Lab Sample ID	Client Sample ID	(75-125)	(75-120)	(75-120)	(75-120)
500-68790-1	DGWS	104	108	98	103
500-68790-2	DGWI	104	107	96	103
500-68790-3	DGWD	101	106	97	104
500-68790-4	MW4	101	107	97	103
500-68790-5	Dup	103	106	95	102
500-68790-6	Trip Blank	103	107	95	103
LCS 500-216908/4	Lab Control Sample	100	106	105	100
MB 500-216908/6	Method Blank	101	108	99	103

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: 500-68790-1

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

Lab Sample ID: MB 500-216908/6
Matrix: Water
Analysis Batch: 216908

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<0.0010		0.0010	0.00020	mg/L			12/19/13 10:02	1
Chloromethane	<0.0010		0.0010	0.00018	mg/L			12/19/13 10:02	1
Vinyl chloride	<0.00050		0.00050	0.00010	mg/L			12/19/13 10:02	1
Bromomethane	<0.0010		0.0010	0.00031	mg/L			12/19/13 10:02	1
Chloroethane	<0.0010		0.0010	0.00034	mg/L			12/19/13 10:02	1
Trichlorofluoromethane	<0.0010		0.0010	0.00019	mg/L			12/19/13 10:02	1
1,1-Dichloroethene	<0.0010		0.0010	0.00031	mg/L			12/19/13 10:02	1
Carbon disulfide	<0.0050		0.0050	0.00043	mg/L			12/19/13 10:02	1
Acetone	<0.0050		0.0050	0.0013	mg/L			12/19/13 10:02	1
Methylene Chloride	<0.0050		0.0050	0.00068	mg/L			12/19/13 10:02	1
trans-1,2-Dichloroethene	<0.0010		0.0010	0.00025	mg/L			12/19/13 10:02	1
Methyl tert-butyl ether	<0.0010		0.0010	0.00024	mg/L			12/19/13 10:02	1
1,1-Dichloroethane	<0.0010		0.0010	0.00019	mg/L			12/19/13 10:02	1
2,2-Dichloropropane	<0.0010		0.0010	0.00032	mg/L			12/19/13 10:02	1
cis-1,2-Dichloroethene	<0.0010		0.0010	0.00012	mg/L			12/19/13 10:02	1
Methyl Ethyl Ketone	<0.0050		0.0050	0.0015	mg/L			12/19/13 10:02	1
Bromochloromethane	<0.0010		0.0010	0.00040	mg/L			12/19/13 10:02	1
Chloroform	<0.0010		0.0010	0.00020	mg/L			12/19/13 10:02	1
1,1,1-Trichloroethane	<0.0010		0.0010	0.00020	mg/L			12/19/13 10:02	1
1,1-Dichloropropene	<0.0010		0.0010	0.00034	mg/L			12/19/13 10:02	1
Carbon tetrachloride	<0.0010		0.0010	0.00026	mg/L			12/19/13 10:02	1
Benzene	<0.00050		0.00050	0.000074	mg/L			12/19/13 10:02	1
1,2-Dichloroethane	<0.0010		0.0010	0.00028	mg/L			12/19/13 10:02	1
Trichloroethene	<0.00050		0.00050	0.00019	mg/L			12/19/13 10:02	1
1,2-Dichloropropane	<0.0010		0.0010	0.00020	mg/L			12/19/13 10:02	1
Dibromomethane	<0.0010		0.0010	0.00033	mg/L			12/19/13 10:02	1
Bromodichloromethane	<0.0010		0.0010	0.00017	mg/L			12/19/13 10:02	1
cis-1,3-Dichloropropene	<0.0010		0.0010	0.00018	mg/L			12/19/13 10:02	1
methyl isobutyl ketone	<0.0050		0.0050	0.00033	mg/L			12/19/13 10:02	1
Toluene	<0.00050		0.00050	0.00011	mg/L			12/19/13 10:02	1
trans-1,3-Dichloropropene	<0.0010		0.0010	0.00021	mg/L			12/19/13 10:02	1
1,1,2-Trichloroethane	<0.0010		0.0010	0.00028	mg/L			12/19/13 10:02	1
Tetrachloroethene	<0.0010		0.0010	0.00017	mg/L			12/19/13 10:02	1
1,3-Dichloropropane	<0.0010		0.0010	0.00013	mg/L			12/19/13 10:02	1
2-Hexanone	<0.0050		0.0050	0.00056	mg/L			12/19/13 10:02	1
Dibromochloromethane	<0.0010		0.0010	0.00032	mg/L			12/19/13 10:02	1
1,2-Dibromoethane	<0.0010		0.0010	0.00036	mg/L			12/19/13 10:02	1
Chlorobenzene	<0.0010		0.0010	0.00014	mg/L			12/19/13 10:02	1
1,1,1,2-Tetrachloroethane	<0.0010		0.0010	0.00025	mg/L			12/19/13 10:02	1
Ethylbenzene	<0.00050		0.00050	0.00013	mg/L			12/19/13 10:02	1
m&p-Xylene	<0.0010		0.0010	0.00026	mg/L			12/19/13 10:02	1
o-Xylene	<0.00050		0.00050	0.000068	mg/L			12/19/13 10:02	1
Styrene	<0.0010		0.0010	0.00010	mg/L			12/19/13 10:02	1
Bromoform	<0.0010		0.0010	0.00028	mg/L			12/19/13 10:02	1
Isopropylbenzene	<0.0010		0.0010	0.00014	mg/L			12/19/13 10:02	1
Bromobenzene	<0.0010		0.0010	0.00025	mg/L			12/19/13 10:02	1
1,1,2,2-Tetrachloroethane	<0.0010		0.0010	0.00023	mg/L			12/19/13 10:02	1
1,2,3-Trichloropropane	<0.0010		0.0010	0.00045	mg/L			12/19/13 10:02	1

QC Sample Results

Client: Autumnwood Consultants
Project/Site: Central Wire

TestAmerica Job ID: 500-68790-1

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

Lab Sample ID: MB 500-216908/6
Matrix: Water
Analysis Batch: 216908

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	0.00013	mg/L			12/19/13 10:02	1
2-Chlorotoluene	<0.0010		0.0010	0.00021	mg/L			12/19/13 10:02	1
1,3,5-Trimethylbenzene	<0.0010		0.0010	0.00018	mg/L			12/19/13 10:02	1
4-Chlorotoluene	<0.0010		0.0010	0.00020	mg/L			12/19/13 10:02	1
tert-Butylbenzene	<0.0010		0.0010	0.00014	mg/L			12/19/13 10:02	1
1,2,4-Trimethylbenzene	<0.0010		0.0010	0.00014	mg/L			12/19/13 10:02	1
sec-Butylbenzene	<0.0010		0.0010	0.00015	mg/L			12/19/13 10:02	1
1,3-Dichlorobenzene	<0.0010		0.0010	0.00015	mg/L			12/19/13 10:02	1
p-Isopropyltoluene	<0.0010		0.0010	0.00017	mg/L			12/19/13 10:02	1
1,4-Dichlorobenzene	<0.0010		0.0010	0.00015	mg/L			12/19/13 10:02	1
n-Butylbenzene	<0.0010		0.0010	0.00013	mg/L			12/19/13 10:02	1
1,2-Dichlorobenzene	<0.0010		0.0010	0.00027	mg/L			12/19/13 10:02	1
1,2-Dibromo-3-Chloropropane	<0.0020		0.0020	0.00087	mg/L			12/19/13 10:02	1
1,2,4-Trichlorobenzene	<0.0010		0.0010	0.00031	mg/L			12/19/13 10:02	1
Hexachlorobutadiene	<0.0010		0.0010	0.00026	mg/L			12/19/13 10:02	1
Naphthalene	<0.0010		0.0010	0.00016	mg/L			12/19/13 10:02	1
1,2,3-Trichlorobenzene	<0.0010		0.0010	0.00024	mg/L			12/19/13 10:02	1
1,3-Dichloropropene, Total	<0.0010		0.0010	0.00018	mg/L			12/19/13 10:02	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*75 - 125*		*12/19/13 10:02*	*1*
Toluene-d8 (Surr)	*108*		*75 - 120*		*12/19/13 10:02*	*1*
4-Bromofluorobenzene (Surr)	*99*		*75 - 120*		*12/19/13 10:02*	*1*
Dibromofluoromethane	*103*		*75 - 120*		*12/19/13 10:02*	*1*

Lab Sample ID: LCS 500-216908/4
Matrix: Water
Analysis Batch: 216908

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	0.0510		mg/L		102	40 - 140
Chloromethane	0.0500	0.0445		mg/L		89	50 - 134
Vinyl chloride	0.0500	0.0477		mg/L		95	62 - 138
Bromomethane	0.0500	0.0375		mg/L		75	50 - 150
Chloroethane	0.0500	0.0487		mg/L		97	50 - 150
Trichlorofluoromethane	0.0500	0.0460		mg/L		92	63 - 134
1,1-Dichloroethene	0.0500	0.0484		mg/L		97	58 - 122
Carbon disulfide	0.0500	0.0482		mg/L		96	50 - 120
Acetone	0.0500	0.0462		mg/L		92	46 - 153
Methylene Chloride	0.0500	0.0485		mg/L		97	65 - 125
trans-1,2-Dichloroethene	0.0500	0.0486		mg/L		97	70 - 124
Methyl tert-butyl ether	0.0500	0.0501		mg/L		100	58 - 122
1,1-Dichloroethane	0.0500	0.0484		mg/L		97	68 - 121
2,2-Dichloropropane	0.0500	0.0498		mg/L		100	67 - 125
cis-1,2-Dichloroethene	0.0500	0.0503		mg/L		101	70 - 120
Methyl Ethyl Ketone	0.0500	0.0500		mg/L		100	54 - 138
Bromochloromethane	0.0500	0.0520		mg/L		104	67 - 122
Chloroform	0.0500	0.0470		mg/L		94	70 - 120

QC Sample Results

Client: Autumnwood Consultants
Project/Site: Central Wire

TestAmerica Job ID: 500-68790-1

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

Lab Sample ID: LCS 500-216908/4
Matrix: Water
Analysis Batch: 216908

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	0.0474		mg/L		95	70 - 123
1,1-Dichloropropene	0.0500	0.0496		mg/L		99	70 - 120
Carbon tetrachloride	0.0500	0.0508		mg/L		102	70 - 125
Benzene	0.0500	0.0493		mg/L		99	70 - 120
1,2-Dichloroethane	0.0500	0.0477		mg/L		95	69 - 120
Trichloroethene	0.0500	0.0505		mg/L		101	70 - 120
1,2-Dichloropropane	0.0500	0.0507		mg/L		101	70 - 120
Dibromomethane	0.0500	0.0490		mg/L		98	70 - 120
Bromodichloromethane	0.0500	0.0513		mg/L		103	70 - 120
cis-1,3-Dichloropropene	0.0500	0.0539		mg/L		108	70 - 120
methyl isobutyl ketone	0.0500	0.0518		mg/L		104	59 - 135
Toluene	0.0500	0.0523		mg/L		105	70 - 120
trans-1,3-Dichloropropene	0.0500	0.0524		mg/L		105	70 - 120
1,1,2-Trichloroethane	0.0500	0.0508		mg/L		102	69 - 120
Tetrachloroethene	0.0500	0.0474		mg/L		95	70 - 123
1,3-Dichloropropane	0.0500	0.0508		mg/L		102	70 - 120
2-Hexanone	0.0500	0.0437		mg/L		87	55 - 144
Dibromochloromethane	0.0500	0.0501		mg/L		100	70 - 120
1,2-Dibromoethane	0.0500	0.0508		mg/L		102	70 - 120
Chlorobenzene	0.0500	0.0491		mg/L		98	70 - 120
1,1,1,2-Tetrachloroethane	0.0500	0.0504		mg/L		101	75 - 120
Ethylbenzene	0.0500	0.0512		mg/L		102	75 - 120
m&p-Xylene	0.0500	0.0501		mg/L		100	75 - 120
o-Xylene	0.0500	0.0515		mg/L		103	70 - 120
Styrene	0.0500	0.0531		mg/L		106	75 - 120
Bromoform	0.0500	0.0490		mg/L		98	70 - 125
Isopropylbenzene	0.0500	0.0481		mg/L		96	70 - 120
Bromobenzene	0.0500	0.0483		mg/L		97	70 - 120
1,1,2,2-Tetrachloroethane	0.0500	0.0484		mg/L		97	70 - 128
1,2,3-Trichloropropane	0.0500	0.0473		mg/L		95	70 - 120
N-Propylbenzene	0.0500	0.0481		mg/L		96	70 - 120
2-Chlorotoluene	0.0500	0.0482		mg/L		96	70 - 120
1,3,5-Trimethylbenzene	0.0500	0.0486		mg/L		97	75 - 123
4-Chlorotoluene	0.0500	0.0487		mg/L		97	70 - 120
tert-Butylbenzene	0.0500	0.0477		mg/L		95	70 - 120
1,2,4-Trimethylbenzene	0.0500	0.0493		mg/L		99	75 - 121
sec-Butylbenzene	0.0500	0.0471		mg/L		94	70 - 120
1,3-Dichlorobenzene	0.0500	0.0467		mg/L		93	70 - 120
p-Isopropyltoluene	0.0500	0.0482		mg/L		96	70 - 120
1,4-Dichlorobenzene	0.0500	0.0461		mg/L		92	75 - 120
n-Butylbenzene	0.0500	0.0478		mg/L		96	75 - 120
1,2-Dichlorobenzene	0.0500	0.0473		mg/L		95	75 - 120
1,2-Dibromo-3-Chloropropane	0.0500	0.0433		mg/L		87	60 - 121
1,2,4-Trichlorobenzene	0.0500	0.0474		mg/L		95	65 - 121
Hexachlorobutadiene	0.0500	0.0447		mg/L		89	65 - 135
Naphthalene	0.0500	0.0474		mg/L		95	55 - 132
1,2,3-Trichlorobenzene	0.0500	0.0458		mg/L		92	56 - 137

QC Sample Results

Client: Autumnwood Consultants
Project/Site: Central Wire

TestAmerica Job ID: 500-68790-1

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

Lab Sample ID: LCS 500-216908/4
Matrix: Water
Analysis Batch: 216908

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

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*75 - 125*
Toluene-d8 (Surr)	*106*		*75 - 120*
4-Bromofluorobenzene (Surr)	*105*		*75 - 120*
Dibromofluoromethane	*100*		*75 - 120*

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 500-216800/1-A
Matrix: Water
Analysis Batch: 216920

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 216800

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.010		0.010	0.0026	mg/L		12/18/13 09:00	12/18/13 21:29	1
Barium	<0.010		0.010	0.0011	mg/L		12/18/13 09:00	12/18/13 21:29	1
Cadmium	<0.0020		0.0020	0.00026	mg/L		12/18/13 09:00	12/18/13 21:29	1
Chromium	<0.010		0.010	0.0010	mg/L		12/18/13 09:00	12/18/13 21:29	1
Lead	<0.0050		0.0050	0.0023	mg/L		12/18/13 09:00	12/18/13 21:29	1
Selenium	<0.010		0.010	0.0046	mg/L		12/18/13 09:00	12/18/13 21:29	1
Silver	<0.0050		0.0050	0.00057	mg/L		12/18/13 09:00	12/18/13 21:29	1

Lab Sample ID: LCS 500-216800/2-A
Matrix: Water
Analysis Batch: 216920

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 216800

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	0.100	0.0933		mg/L		93	80 - 120
Barium	2.00	1.97		mg/L		99	80 - 120
Cadmium	0.0500	0.0473		mg/L		95	80 - 120
Chromium	0.200	0.192		mg/L		96	80 - 120
Lead	0.100	0.0996		mg/L		100	80 - 120
Selenium	0.100	0.0887		mg/L		89	80 - 120
Silver	0.0500	0.0470		mg/L		94	80 - 120

Lab Sample ID: 500-68790-1 MS
Matrix: Water
Analysis Batch: 216920

Client Sample ID: DGWS
Prep Type: Total/NA
Prep Batch: 216800

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	<0.010		0.100	0.0994		mg/L		99	75 - 125
Barium	0.024		2.00	2.05		mg/L		101	75 - 125
Cadmium	0.00052	J	0.0500	0.0494		mg/L		98	75 - 125
Chromium	0.0011	J	0.200	0.196		mg/L		98	75 - 125
Lead	<0.0050		0.100	0.106		mg/L		106	75 - 125
Selenium	<0.010		0.100	0.0880		mg/L		88	75 - 125
Silver	<0.0050		0.0500	0.0486		mg/L		97	75 - 125

QC Sample Results

Client: Autumnwood Consultants
Project/Site: Central Wire

TestAmerica Job ID: 500-68790-1

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

Lab Sample ID: 500-68790-1 MSD — **Client Sample ID: DGWS**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 216920 — **Prep Batch: 216800**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	<0.010		0.100	0.0957		mg/L		96	75 - 125	4	20
Barium	0.024		2.00	2.04		mg/L		101	75 - 125	0	20
Cadmium	0.00052	J	0.0500	0.0491		mg/L		97	75 - 125	0	20
Chromium	0.0011	J	0.200	0.196		mg/L		97	75 - 125	0	20
Lead	<0.0050		0.100	0.107		mg/L		107	75 - 125	0	20
Selenium	<0.010		0.100	0.0907		mg/L		91	75 - 125	3	20
Silver	<0.0050		0.0500	0.0483		mg/L		97	75 - 125	1	20

Lab Sample ID: 500-68790-1 DU — **Client Sample ID: DGWS**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 216920 — **Prep Batch: 216800**

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Arsenic	<0.010		<0.010		mg/L		NC	20
Barium	0.024		0.0244		mg/L		3	20
Cadmium	0.00052	J	0.000604	J	mg/L		15	20
Chromium	0.0011	J	0.00141	J	mg/L		26	20
Lead	<0.0050		<0.0050		mg/L		NC	20
Selenium	<0.010		<0.010		mg/L		NC	20
Silver	<0.0050		<0.0050		mg/L		NC	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 500-216858/12-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 216997 — **Prep Batch: 216858**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.000064	mg/L		12/18/13 15:43	12/19/13 09:53	1

Lab Sample ID: LCS 500-216858/13-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 216997 — **Prep Batch: 216858**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00200	0.00203		mg/L		101	80 - 120

Lab Sample ID: 500-68790-4 MS — **Client Sample ID: MW4**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 216997 — **Prep Batch: 216858**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	<0.00020		0.00100	0.00101		mg/L		101	75 - 125

QC Sample Results

Client: Autumnwood Consultants
Project/Site: Central Wire

TestAmerica Job ID: 500-68790-1

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: 500-68790-4 MSD
Matrix: Water
Analysis Batch: 216997

Client Sample ID: MW4
Prep Type: Total/NA
Prep Batch: 216858

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	<0.00020		0.00100	0.00105		mg/L		105	75 - 125	4	20

Lab Sample ID: 500-68790-4 DU
Matrix: Water
Analysis Batch: 216997

Client Sample ID: MW4
Prep Type: Total/NA
Prep Batch: 216858

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Mercury	<0.00020			<0.00020		mg/L				NC	20

Lab Chronicle

Client: Autumnwood Consultants
Project/Site: Central Wire

TestAmerica Job ID: 500-68790-1

Client Sample ID: DGWS

Lab Sample ID: 500-68790-1
Matrix: Water

Date Collected: 12/13/13 14:00
Date Received: 12/16/13 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	216908	12/19/13 14:09	BDA	TAL CHI
Total/NA	Prep	3010A			216800	12/18/13 09:00	MJP	TAL CHI
Total/NA	Analysis	6010B		1	216920	12/18/13 21:50	PJ1	TAL CHI
Total/NA	Prep	7470A			216858	12/18/13 15:43	RLL	TAL CHI
Total/NA	Analysis	7470A		1	216997	12/19/13 10:21	RLL	TAL CHI

Client Sample ID: DGWI

Lab Sample ID: 500-68790-2
Matrix: Water

Date Collected: 12/13/13 13:32
Date Received: 12/16/13 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	216908	12/19/13 14:34	BDA	TAL CHI
Total/NA	Prep	3010A			216800	12/18/13 09:00	MJP	TAL CHI
Total/NA	Analysis	6010B		1	216920	12/18/13 22:18	PJ1	TAL CHI
Total/NA	Prep	7470A			216858	12/18/13 15:43	RLL	TAL CHI
Total/NA	Analysis	7470A		1	216997	12/19/13 10:23	RLL	TAL CHI

Client Sample ID: DGWD

Lab Sample ID: 500-68790-3
Matrix: Water

Date Collected: 12/13/13 13:05
Date Received: 12/16/13 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	216908	12/19/13 14:58	BDA	TAL CHI
Total/NA	Prep	3010A			216800	12/18/13 09:00	MJP	TAL CHI
Total/NA	Analysis	6010B		1	216920	12/18/13 22:22	PJ1	TAL CHI
Total/NA	Prep	7470A			216858	12/18/13 15:43	RLL	TAL CHI
Total/NA	Analysis	7470A		1	216997	12/19/13 10:29	RLL	TAL CHI

Client Sample ID: MW4

Lab Sample ID: 500-68790-4
Matrix: Water

Date Collected: 12/13/13 12:08
Date Received: 12/16/13 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	216908	12/19/13 15:23	BDA	TAL CHI
Total/NA	Prep	3010A			216800	12/18/13 09:00	MJP	TAL CHI
Total/NA	Analysis	6010B		1	216920	12/18/13 22:26	PJ1	TAL CHI
Total/NA	Prep	7470A			216858	12/18/13 15:43	RLL	TAL CHI
Total/NA	Analysis	7470A		1	216997	12/19/13 10:31	RLL	TAL CHI

Lab Chronicle

Client: Autumnwood Consultants
Project/Site: Central Wire

TestAmerica Job ID: 500-68790-1

Client Sample ID: Dup

Lab Sample ID: 500-68790-5
Matrix: Water

Date Collected: 12/13/13 00:00
Date Received: 12/16/13 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	216908	12/19/13 15:48	BDA	TAL CHI
Total/NA	Prep	3010A			216800	12/18/13 09:00	MJP	TAL CHI
Total/NA	Analysis	6010B		1	216920	12/18/13 22:30	PJ1	TAL CHI
Total/NA	Prep	7470A			216858	12/18/13 15:43	RLL	TAL CHI
Total/NA	Analysis	7470A		1	216997	12/19/13 10:39	RLL	TAL CHI

Client Sample ID: Trip Blank

Lab Sample ID: 500-68790-6
Matrix: Water

Date Collected: 12/13/13 00:00
Date Received: 12/16/13 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	216908	12/19/13 16:12	BDA	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: 500-68790-1

Laboratory: TestAmerica Chicago

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

Authority	Program	EPA Region	Certification ID	Expiration Date
Alabama	State Program	4	40461	04-30-14
California	NELAP	9	01132CA	04-30-14
Georgia	State Program	4	N/A	04-30-14
Hawaii	State Program	9	N/A	04-30-14
Illinois	NELAP	5	100201	04-30-14
Indiana	State Program	5	C-IL-02	04-30-14
Iowa	State Program	7	82	05-01-14
Kansas	NELAP	7	E-10161	10-31-14
Kentucky	State Program	4	90023	12-31-13
Kentucky (UST)	State Program	4	66	04-30-14
Louisiana	NELAP	6	30720	06-30-14
Massachusetts	State Program	1	M-IL035	06-30-14
Mississippi	State Program	4	N/A	04-30-14
North Carolina DENR	State Program	4	291	12-31-13 *
North Dakota	State Program	8	R-194	04-30-14
Oklahoma	State Program	6	8908	08-31-14
South Carolina	State Program	4	77001	04-30-14
Texas	NELAP	6	T104704252-09-TX	02-28-14
USDA	Federal		P330-12-00038	02-06-15
Wisconsin	State Program	5	999580010	08-31-14
Wyoming	State Program	8	8TMS-Q	04-30-14

* Expired certification is currently pending renewal and is considered valid.

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

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

(optional)
Report To
Contact:
Company: Tech Alloy/Central Wire
Address: 6509 Olson Rd
Address: Union IL 60180
Phone:
Fax:
E-Mail:

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

Chain of Custody Record

Lab Job #: ~~500-68640~~ 68790
Chain of Custody Number:
Page ____ of ____
Temperature °C of Cooler: 0.5

Client: Tech Alloy
Client Project #:
Project Name:
Project Location/State: Union Illinois
Lab Project #: 5000 5584
Sampler: Brian McQueen
Lab PM:

Preservative
Parameter

Preservative Key

500-68790 COC

Lab ID	MS/MSD	Sample ID	Sampling Date	Sampling Time	# of Containers	Matrix	Comments
1		DGWS	121313	1400			
2		DGWI	↓	1332			
3		DGWD	↓	1305			
4		MW4	↓	1208			

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

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

Relinquished By	Company	Date	Time	Received By	Company	Date	Time
[signature]	Cabeno	12-13-13	1500	[signature]	TAL	12/16/13	0945

Lab Courier
Shipped
Hand Delivered

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

Client Comments

Lab Comments:

TAL-4124-500 (1209)
12/20/2013

Login Sample Receipt Checklist

Client: Autumnwood Consultants

Job Number: 500-68790-1

Login Number: 68790
List Number: 1
Creator: Kelsey, Shawn 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	0.5c
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	