TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

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

TestAmerica Job ID: 500-154217-1
Client Project/Site: Central Wire

For:
Central Wire (Techalloy)
6509 Olson Road
Union, Illinois 60180

Attn: Robert Johnson

Authorized for release by:
11/13/2018 7:52:57 AM

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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.

Table of Contents

Cover Page 1
Table of Contents 2
Case Narrative 3
Detection Summary 4
Method Summary 8
Sample Summary 9
Client Sample Results 10
Definitions 60
QC Association 61
Surrogate Summary 62
QC Sample Results 63
Chronicle 73
Certification Summary 78
Chain of Custody 79
Receipt Checklists 85

Case Narrative

Client: Central Wire (Techalloy)
Project/Site: Central Wire

TestAmerica Job ID: 500-154217-1

Job ID: 500-154217-1

Laboratory: TestAmerica Chicago

Narrative

Job Narrative
500-154217-1

Receipt
The samples were received on 11/2/2018 10:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 0.2° C.
Received two trip blanks that were not listed on the chain of custody. Logged in as Trip Blank-01 and Trip Blank-02.

GC/MS VOA
Method(s) 8260C: The pH of the sample(s) was greater than 2. The sample was analyzed within the normal 14 day holding time; however, experimental evidence suggests that some aromatic compounds in wastewater samples, notably, Benzene, Toluene, and Ethylbenzene are susceptible to biological degradation if samples are not preserved to a pH of 2.

Method(s) 8260C: The continuing calibration verification (CCV) analyzed in batch 240-354226 was outside the method criteria for 2,2-dichloropropane. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method(s) 8260C: The continuing calibration verification (CCV) analyzed in batch 240-354438 was outside the method criteria for 2,2-dichloropropane. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method(s) 8260C: The pH of samples GP-39 57' (500-154217-5), GP-35-85' (500-154217-9), GP-35-57' (500-154217-10), GP-35-27' (500-154217-11), GP-41-82' (500-154217-12), GP-41-57' (500-154217-14), GP-41-27' (500-154217-15), GP-40-80' (500-154217-16), GP-34-82' (500-154217-19) and GP-37-85' (500-154217-23) was greater than 2. The sample was analyzed within the normal 14 day holding time; however, experimental evidence suggests that some aromatic compounds in wastewater samples, notably, Benzene, Toluene, and Ethylbenzene are susceptible to biological degradation if samples are not preserved to a pH of 2.

Method(s) 8260C: The continuing calibration verification (CCV) analyzed in batch 240-354646 was outside the method criteria 2,2-dichloropropane. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

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

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

Detection Summary

Client: Central Wire (Techalloy)
Project/Site: Central Wire

TestAmerica Job ID: 500-154217-1

Client Sample ID: GP-36 83' — Lab Sample ID: 500-154217-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	0.00011	J	0.0010	0.000070	mg/L	1		8260C	Total/NA
Benzene	0.00017	J	0.0010	0.00013	mg/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	0.00018	J B	0.0010	0.00016	mg/L	1		8260C	Total/NA
m&p-Xylene	0.00020	J	0.0020	0.000080	mg/L	1		8260C	Total/NA
Toluene	0.00037	J	0.0010	0.00014	mg/L	1		8260C	Total/NA

Client Sample ID: GP-36 57' — Lab Sample ID: 500-154217-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	0.00020	J	0.0010	0.00014	mg/L	1		8260C	Total/NA

Client Sample ID: GP-36 27' — Lab Sample ID: 500-154217-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	0.00037	J	0.0010	0.00024	mg/L	1		8260C	Total/NA
1,1-Dichloroethane	0.00020	J	0.0010	0.00017	mg/L	1		8260C	Total/NA
m&p-Xylene	0.00010	J	0.0020	0.000080	mg/L	1		8260C	Total/NA
Toluene	0.00019	J	0.0010	0.00014	mg/L	1		8260C	Total/NA

Client Sample ID: GP-39 80' — Lab Sample ID: 500-154217-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
m&p-Xylene	0.00010	J	0.0020	0.000080	mg/L	1		8260C	Total/NA
Toluene	0.00024	J	0.0010	0.00014	mg/L	1		8260C	Total/NA

Client Sample ID: GP-39 57' — Lab Sample ID: 500-154217-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.00015	J	0.0010	0.00013	mg/L	1		8260C	Total/NA
m&p-Xylene	0.00011	J	0.0020	0.000080	mg/L	1		8260C	Total/NA
Toluene	0.00026	J	0.0010	0.00014	mg/L	1		8260C	Total/NA
Trichloroethene	0.00011	J	0.0010	0.00010	mg/L	1		8260C	Total/NA

Client Sample ID: GP-39 27' — Lab Sample ID: 500-154217-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	0.0020		0.0010	0.00024	mg/L	1		8260C	Total/NA
1,1-Dichloroethane	0.00027	J	0.0010	0.00017	mg/L	1		8260C	Total/NA
1,1-Dichloroethene	0.00050	J	0.0010	0.00019	mg/L	1		8260C	Total/NA
Toluene	0.00024	J	0.0010	0.00014	mg/L	1		8260C	Total/NA

Client Sample ID: FB Pump — Lab Sample ID: 500-154217-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.00013	J	0.0010	0.00013	mg/L	1		8260C	Total/NA
m&p-Xylene	0.00014	J	0.0020	0.000080	mg/L	1		8260C	Total/NA
Toluene	0.00054	J	0.0010	0.00014	mg/L	1		8260C	Total/NA

Client Sample ID: FB Rods — Lab Sample ID: 500-154217-8

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Central Wire (Techalloy)
Project/Site: Central Wire

TestAmerica Job ID: 500-154217-1

Client Sample ID: FB Rods (Continued) — Lab Sample ID: 500-154217-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0081	J	0.010	0.0054	mg/L	1		8260C	Total/NA

Client Sample ID: GP-35-85' — Lab Sample ID: 500-154217-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.00031	J	0.0010	0.00013	mg/L	1		8260C	Total/NA
m&p-Xylene	0.00015	J	0.0020	0.000080	mg/L	1		8260C	Total/NA
Toluene	0.00052	J	0.0010	0.00014	mg/L	1		8260C	Total/NA

Client Sample ID: GP-35-57' — Lab Sample ID: 500-154217-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.00019	J	0.0010	0.00013	mg/L	1		8260C	Total/NA
Carbon disulfide	0.00032	J	0.0010	0.00028	mg/L	1		8260C	Total/NA
m&p-Xylene	0.00013	J	0.0020	0.000080	mg/L	1		8260C	Total/NA
Toluene	0.00033	J	0.0010	0.00014	mg/L	1		8260C	Total/NA

Client Sample ID: GP-35-27' — Lab Sample ID: 500-154217-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.00013	J	0.0010	0.00013	mg/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	0.00028	J	0.0010	0.00016	mg/L	1		8260C	Total/NA
m&p-Xylene	0.00012	J	0.0020	0.000080	mg/L	1		8260C	Total/NA
Toluene	0.00029	J	0.0010	0.00014	mg/L	1		8260C	Total/NA

Client Sample ID: GP-41-82' — Lab Sample ID: 500-154217-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.00027	J	0.0010	0.00013	mg/L	1		8260C	Total/NA
Toluene	0.00043	J	0.0010	0.00014	mg/L	1		8260C	Total/NA

Client Sample ID: Field Blank-Rods — Lab Sample ID: 500-154217-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0091	J	0.010	0.0054	mg/L	1		8260C	Total/NA

Client Sample ID: GP-41-57' — Lab Sample ID: 500-154217-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.00021	J	0.0010	0.00013	mg/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	0.00022	J	0.0010	0.00016	mg/L	1		8260C	Total/NA
m&p-Xylene	0.00011	J	0.0020	0.000080	mg/L	1		8260C	Total/NA
Toluene	0.00036	J	0.0010	0.00014	mg/L	1		8260C	Total/NA

Client Sample ID: GP-41-27' — Lab Sample ID: 500-154217-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.0014		0.0010	0.00017	mg/L	1		8260C	Total/NA
1,1-Dichloroethene	0.0010		0.0010	0.00019	mg/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	0.0021		0.0010	0.00016	mg/L	1		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Central Wire (Techalloy)
Project/Site: Central Wire

TestAmerica Job ID: 500-154217-1

Client Sample ID: GP-41-27' (Continued) — Lab Sample ID: 500-154217-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	0.00028	J	0.0010	0.00014	mg/L	1		8260C	Total/NA
trans-1,2-Dichloroethene	0.00028	J	0.0010	0.00019	mg/L	1		8260C	Total/NA

Client Sample ID: GP-40-80' — Lab Sample ID: 500-154217-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.00039	J	0.0010	0.00017	mg/L	1		8260C	Total/NA
1,1-Dichloroethene	0.00021	J	0.0010	0.00019	mg/L	1		8260C	Total/NA
Benzene	0.00016	J	0.0010	0.00013	mg/L	1		8260C	Total/NA
Carbon disulfide	0.00028	J	0.0010	0.00028	mg/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	0.00037	J	0.0010	0.00016	mg/L	1		8260C	Total/NA
m&p-Xylene	0.00013	J	0.0020	0.000080	mg/L	1		8260C	Total/NA
Toluene	0.00036	J	0.0010	0.00014	mg/L	1		8260C	Total/NA

Client Sample ID: GP-40-57' — Lab Sample ID: 500-154217-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.00022	J	0.0010	0.00017	mg/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	0.00034	J	0.0010	0.00016	mg/L	1		8260C	Total/NA

Client Sample ID: GP-34-82' — Lab Sample ID: 500-154217-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.00024	J	0.0010	0.00017	mg/L	1		8260C	Total/NA
Benzene	0.00013	J	0.0010	0.00013	mg/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	0.00032	J	0.0010	0.00016	mg/L	1		8260C	Total/NA
m&p-Xylene	0.00010	J	0.0020	0.000080	mg/L	1		8260C	Total/NA
Toluene	0.00025	J	0.0010	0.00014	mg/L	1		8260C	Total/NA

Client Sample ID: GP-34-57' — Lab Sample ID: 500-154217-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.00032	J	0.0010	0.00017	mg/L	1		8260C	Total/NA
1,1-Dichloroethene	0.00030	J	0.0010	0.00019	mg/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	0.00049	J	0.0010	0.00016	mg/L	1		8260C	Total/NA
Toluene	0.00017	J	0.0010	0.00014	mg/L	1		8260C	Total/NA

Client Sample ID: GP-34-27' — Lab Sample ID: 500-154217-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.0014		0.0010	0.00017	mg/L	1		8260C	Total/NA
1,1-Dichloroethene	0.0012		0.0010	0.00019	mg/L	1		8260C	Total/NA
1,2-Dichloroethane	0.00022	J	0.0010	0.00021	mg/L	1		8260C	Total/NA
Benzene	0.00013	J	0.0010	0.00013	mg/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	0.0028		0.0010	0.00016	mg/L	1		8260C	Total/NA
Toluene	0.00021	J	0.0010	0.00014	mg/L	1		8260C	Total/NA
trans-1,2-Dichloroethene	0.00031	J	0.0010	0.00019	mg/L	1		8260C	Total/NA

Client Sample ID: FB — Lab Sample ID: 500-154217-22

No Detections.

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Central Wire (Techalloy)
Project/Site: Central Wire

TestAmerica Job ID: 500-154217-1

Client Sample ID: GP-37-85' — Lab Sample ID: 500-154217-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0087	J	0.010	0.0054	mg/L	1		8260C	Total/NA
Benzene	0.00033	J	0.0010	0.00013	mg/L	1		8260C	Total/NA
m&p-Xylene	0.00014	J	0.0020	0.000080	mg/L	1		8260C	Total/NA
Methyl Ethyl Ketone	0.0015	J	0.010	0.0012	mg/L	1		8260C	Total/NA
Toluene	0.00049	J	0.0010	0.00014	mg/L	1		8260C	Total/NA

Client Sample ID: GP-37-57' — Lab Sample ID: 500-154217-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.00029	J	0.0010	0.00016	mg/L	1		8260C	Total/NA
Toluene	0.00015	J	0.0010	0.00014	mg/L	1		8260C	Total/NA

Client Sample ID: Trip Blank-01 — Lab Sample ID: 500-154217-25

No Detections.

Client Sample ID: Trip Blank-02 — Lab Sample ID: 500-154217-26

No Detections.

This Detection Summary does not include radiochemical test results.

Method Summary

Client: Central Wire (Techalloy)
Project/Site: Central Wire

TestAmerica Job ID: 500-154217-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL CAN
5030C	Purge and Trap	SW846	TAL CAN

Protocol References:

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

Laboratory References:

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Sample Summary

Client: Central Wire (Techalloy)
Project/Site: Central Wire

TestAmerica Job ID: 500-154217-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-154217-1	GP-36 83'	Water	10/29/18 10:40	11/02/18 10:00
500-154217-2	GP-36 57'	Water	10/29/18 12:00	11/02/18 10:00
500-154217-3	GP-36 27'	Water	10/29/18 13:05	11/02/18 10:00
500-154217-4	GP-39 80'	Water	10/29/18 15:05	11/02/18 10:00
500-154217-5	GP-39 57'	Water	10/29/18 15:50	11/02/18 10:00
500-154217-6	GP-39 27'	Water	10/29/18 16:50	11/02/18 10:00
500-154217-7	FB Pump	Water	10/29/18 10:50	11/02/18 10:00
500-154217-8	FB Rods	Water	10/29/18 13:25	11/02/18 10:00
500-154217-9	GP-35-85'	Water	10/30/18 08:50	11/02/18 10:00
500-154217-10	GP-35-57'	Water	10/30/18 10:15	11/02/18 10:00
500-154217-11	GP-35-27'	Water	10/30/18 11:00	11/02/18 10:00
500-154217-12	GP-41-82'	Water	10/30/18 12:20	11/02/18 10:00
500-154217-13	Field Blank-Rods	Water	10/30/18 00:00	11/02/18 10:00
500-154217-14	GP-41-57'	Water	10/30/18 00:00	11/02/18 10:00
500-154217-15	GP-41-27'	Water	10/30/18 14:25	11/02/18 10:00
500-154217-16	GP-40-80'	Water	10/30/18 16:15	11/02/18 10:00
500-154217-17	GP-40-57'	Water	10/31/18 08:15	11/02/18 10:00
500-154217-19	GP-34-82'	Water	10/31/18 11:15	11/02/18 10:00
500-154217-20	GP-34-57'	Water	10/31/18 12:05	11/02/18 10:00
500-154217-21	GP-34-27'	Water	10/31/18 12:50	11/02/18 10:00
500-154217-22	FB	Water	10/31/18 13:15	11/02/18 10:00
500-154217-23	GP-37-85'	Water	10/31/18 14:35	11/02/18 10:00
500-154217-24	GP-37-57'	Water	10/31/18 15:15	11/02/18 10:00
500-154217-25	Trip Blank-01	Water	10/31/18 00:00	11/02/18 10:00
500-154217-26	Trip Blank-02	Water	10/31/18 00:00	11/02/18 10:00

Client Sample Results

Client: Central Wire (Techalloy)
Project/Site: Central Wire

TestAmerica Job ID: 500-154217-1

Client Sample ID: GP-36 83'

Lab Sample ID: 500-154217-1
Date Collected: 10/29/18 10:40
Matrix: Water
Date Received: 11/02/18 10:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.00014		0.0010	0.00014	mg/L			11/08/18 00:04	1
1,1,1-Trichloroethane	<0.00024		0.0010	0.00024	mg/L			11/08/18 00:04	1
1,1,2,2-Tetrachloroethane	<0.00013		0.0010	0.00013	mg/L			11/08/18 00:04	1
1,1,2-Trichloroethane	<0.000090		0.0010	0.000090	mg/L			11/08/18 00:04	1
1,1-Dichloroethane	<0.00017		0.0010	0.00017	mg/L			11/08/18 00:04	1
1,1-Dichloroethene	<0.00019		0.0010	0.00019	mg/L			11/08/18 00:04	1
1,1-Dichloropropene	<0.00014		0.0010	0.00014	mg/L			11/08/18 00:04	1
1,2,3-Trichlorobenzene	<0.00054		0.0010	0.00054	mg/L			11/08/18 00:04	1
1,2,3-Trichloropropane	<0.00024		0.0010	0.00024	mg/L			11/08/18 00:04	1
1,2,4-Trichlorobenzene	<0.00026		0.0010	0.00026	mg/L			11/08/18 00:04	1
1,2,4-Trimethylbenzene	**0.00011**	**J**	0.0010	0.000070	mg/L			11/08/18 00:04	1
1,2-Dibromo-3-Chloropropane	<0.00091		0.0020	0.00091	mg/L			11/08/18 00:04	1
1,2-Dibromoethane	<0.00012		0.0010	0.00012	mg/L			11/08/18 00:04	1
1,2-Dichlorobenzene	<0.00015		0.0010	0.00015	mg/L			11/08/18 00:04	1
1,2-Dichloroethane	<0.00021		0.0010	0.00021	mg/L			11/08/18 00:04	1
1,2-Dichloropropane	<0.00015		0.0010	0.00015	mg/L			11/08/18 00:04	1
1,3,5-Trimethylbenzene	<0.00012		0.0010	0.00012	mg/L			11/08/18 00:04	1
1,3-Dichlorobenzene	<0.00015		0.0010	0.00015	mg/L			11/08/18 00:04	1
1,3-Dichloropropane	<0.00021		0.0010	0.00021	mg/L			11/08/18 00:04	1
1,3-Dichloropropene, Total	<0.0013		0.0020	0.0013	mg/L			11/08/18 00:04	1
1,4-Dichlorobenzene	<0.00016		0.0010	0.00016	mg/L			11/08/18 00:04	1
2,2-Dichloropropane	<0.00031		0.0010	0.00031	mg/L			11/08/18 00:04	1
2-Chlorotoluene	<0.00015		0.0010	0.00015	mg/L			11/08/18 00:04	1
2-Hexanone	<0.00054		0.010	0.00054	mg/L			11/08/18 00:04	1
4-Chlorotoluene	<0.000090		0.0010	0.000090	mg/L			11/08/18 00:04	1
Acetone	<0.0054		0.010	0.0054	mg/L			11/08/18 00:04	1
Benzene	**0.00017**	**J**	0.0010	0.00013	mg/L			11/08/18 00:04	1
Bromobenzene	<0.00012		0.0010	0.00012	mg/L			11/08/18 00:04	1
Bromochloromethane	<0.00014		0.0010	0.00014	mg/L			11/08/18 00:04	1
Bromodichloromethane	<0.00017		0.0010	0.00017	mg/L			11/08/18 00:04	1
Bromoform	<0.00076		0.0010	0.00076	mg/L			11/08/18 00:04	1
Bromomethane	<0.00042		0.0010	0.00042	mg/L			11/08/18 00:04	1
Carbon disulfide	<0.00028		0.0010	0.00028	mg/L			11/08/18 00:04	1
Carbon tetrachloride	<0.00026		0.0010	0.00026	mg/L			11/08/18 00:04	1
Chlorobenzene	<0.00014		0.0010	0.00014	mg/L			11/08/18 00:04	1
Chloroethane	<0.00083		0.0010	0.00083	mg/L			11/08/18 00:04	1
Chloroform	<0.00013		0.0010	0.00013	mg/L			11/08/18 00:04	1
Chloromethane	<0.00020		0.0010	0.00020	mg/L			11/08/18 00:04	1
cis-1,2-Dichloroethene	**0.00018**	**J B**	0.0010	0.00016	mg/L			11/08/18 00:04	1
cis-1,3-Dichloropropene	<0.00061		0.0010	0.00061	mg/L			11/08/18 00:04	1
Dibromochloromethane	<0.00039		0.0010	0.00039	mg/L			11/08/18 00:04	1
Dibromomethane	<0.000090		0.0010	0.000090	mg/L			11/08/18 00:04	1
Dichlorodifluoromethane	<0.00035		0.0010	0.00035	mg/L			11/08/18 00:04	1
Ethylbenzene	<0.00011		0.0010	0.00011	mg/L			11/08/18 00:04	1
Hexachlorobutadiene	<0.00083		0.0010	0.00083	mg/L			11/08/18 00:04	1
Isopropylbenzene	<0.000090		0.0010	0.000090	mg/L			11/08/18 00:04	1
m&p-Xylene	**0.00020**	**J**	0.0020	0.000080	mg/L			11/08/18 00:04	1
Methyl Ethyl Ketone	<0.0012		0.010	0.0012	mg/L			11/08/18 00:04	1
methyl isobutyl ketone	<0.00042		0.010	0.00042	mg/L			11/08/18 00:04	1

Client Sample Results

Client: Central Wire (Techalloy)
Project/Site: Central Wire

TestAmerica Job ID: 500-154217-1

Client Sample ID: GP-36 83'

Date Collected: 10/29/18 10:40
Date Received: 11/02/18 10:00

Lab Sample ID: 500-154217-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	<0.000070		0.0010	0.000070	mg/L			11/08/18 00:04	1
Methylene Chloride	<0.0026		0.0050	0.0026	mg/L			11/08/18 00:04	1
Naphthalene	<0.00032		0.0010	0.00032	mg/L			11/08/18 00:04	1
n-Butylbenzene	<0.00014		0.0010	0.00014	mg/L			11/08/18 00:04	1
N-Propylbenzene	<0.00015		0.0010	0.00015	mg/L			11/08/18 00:04	1
o-Xylene	<0.000090		0.0010	0.000090	mg/L			11/08/18 00:04	1
p-Isopropyltoluene	<0.00013		0.0010	0.00013	mg/L			11/08/18 00:04	1
sec-Butylbenzene	<0.00013		0.0010	0.00013	mg/L			11/08/18 00:04	1
Styrene	<0.00010		0.0010	0.00010	mg/L			11/08/18 00:04	1
tert-Butylbenzene	<0.00014		0.0010	0.00014	mg/L			11/08/18 00:04	1
Tetrachloroethene	<0.00015		0.0010	0.00015	mg/L			11/08/18 00:04	1
Toluene	**0.00037**	**J**	0.0010	0.00014	mg/L			11/08/18 00:04	1
trans-1,2-Dichloroethene	<0.00019		0.0010	0.00019	mg/L			11/08/18 00:04	1
trans-1,3-Dichloropropene	<0.00067		0.0010	0.00067	mg/L			11/08/18 00:04	1
Trichloroethene	<0.00010		0.0010	0.00010	mg/L			11/08/18 00:04	1
Trichlorofluoromethane	<0.00045		0.0010	0.00045	mg/L			11/08/18 00:04	1
Vinyl chloride	<0.00020		0.0010	0.00020	mg/L			11/08/18 00:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 121*		*11/08/18 00:04*	*1*
4-Bromofluorobenzene (Surr)	*98*		*59 - 120*		*11/08/18 00:04*	*1*
Toluene-d8 (Surr)	*100*		*70 - 123*		*11/08/18 00:04*	*1*

Client Sample Results

Client: Central Wire (Techalloy)
Project/Site: Central Wire

TestAmerica Job ID: 500-154217-1

Client Sample ID: GP-36 57'

Lab Sample ID: 500-154217-2
Matrix: Water

Date Collected: 10/29/18 12:00
Date Received: 11/02/18 10:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.00014		0.0010	0.00014	mg/L			11/08/18 00:26	1
1,1,1-Trichloroethane	<0.00024		0.0010	0.00024	mg/L			11/08/18 00:26	1
1,1,2,2-Tetrachloroethane	<0.00013		0.0010	0.00013	mg/L			11/08/18 00:26	1
1,1,2-Trichloroethane	<0.000090		0.0010	0.000090	mg/L			11/08/18 00:26	1
1,1-Dichloroethane	<0.00017		0.0010	0.00017	mg/L			11/08/18 00:26	1
1,1-Dichloroethene	<0.00019		0.0010	0.00019	mg/L			11/08/18 00:26	1
1,1-Dichloropropene	<0.00014		0.0010	0.00014	mg/L			11/08/18 00:26	1
1,2,3-Trichlorobenzene	<0.00054		0.0010	0.00054	mg/L			11/08/18 00:26	1
1,2,3-Trichloropropane	<0.00024		0.0010	0.00024	mg/L			11/08/18 00:26	1
1,2,4-Trichlorobenzene	<0.00026		0.0010	0.00026	mg/L			11/08/18 00:26	1
1,2,4-Trimethylbenzene	<0.000070		0.0010	0.000070	mg/L			11/08/18 00:26	1
1,2-Dibromo-3-Chloropropane	<0.00091		0.0020	0.00091	mg/L			11/08/18 00:26	1
1,2-Dibromoethane	<0.00012		0.0010	0.00012	mg/L			11/08/18 00:26	1
1,2-Dichlorobenzene	<0.00015		0.0010	0.00015	mg/L			11/08/18 00:26	1
1,2-Dichloroethane	<0.00021		0.0010	0.00021	mg/L			11/08/18 00:26	1
1,2-Dichloropropane	<0.00015		0.0010	0.00015	mg/L			11/08/18 00:26	1
1,3,5-Trimethylbenzene	<0.00012		0.0010	0.00012	mg/L			11/08/18 00:26	1
1,3-Dichlorobenzene	<0.00015		0.0010	0.00015	mg/L			11/08/18 00:26	1
1,3-Dichloropropane	<0.00021		0.0010	0.00021	mg/L			11/08/18 00:26	1
1,3-Dichloropropene, Total	<0.0013		0.0020	0.0013	mg/L			11/08/18 00:26	1
1,4-Dichlorobenzene	<0.00016		0.0010	0.00016	mg/L			11/08/18 00:26	1
2,2-Dichloropropane	<0.00031		0.0010	0.00031	mg/L			11/08/18 00:26	1
2-Chlorotoluene	<0.00015		0.0010	0.00015	mg/L			11/08/18 00:26	1
2-Hexanone	<0.00054		0.010	0.00054	mg/L			11/08/18 00:26	1
4-Chlorotoluene	<0.000090		0.0010	0.000090	mg/L			11/08/18 00:26	1
Acetone	<0.0054		0.010	0.0054	mg/L			11/08/18 00:26	1
Benzene	<0.00013		0.0010	0.00013	mg/L			11/08/18 00:26	1
Bromobenzene	<0.00012		0.0010	0.00012	mg/L			11/08/18 00:26	1
Bromochloromethane	<0.00014		0.0010	0.00014	mg/L			11/08/18 00:26	1
Bromodichloromethane	<0.00017		0.0010	0.00017	mg/L			11/08/18 00:26	1
Bromoform	<0.00076		0.0010	0.00076	mg/L			11/08/18 00:26	1
Bromomethane	<0.00042		0.0010	0.00042	mg/L			11/08/18 00:26	1
Carbon disulfide	<0.00028		0.0010	0.00028	mg/L			11/08/18 00:26	1
Carbon tetrachloride	<0.00026		0.0010	0.00026	mg/L			11/08/18 00:26	1
Chlorobenzene	<0.00014		0.0010	0.00014	mg/L			11/08/18 00:26	1
Chloroethane	<0.00083		0.0010	0.00083	mg/L			11/08/18 00:26	1
Chloroform	<0.00013		0.0010	0.00013	mg/L			11/08/18 00:26	1
Chloromethane	<0.00020		0.0010	0.00020	mg/L			11/08/18 00:26	1
cis-1,2-Dichloroethene	<0.00016		0.0010	0.00016	mg/L			11/08/18 00:26	1
cis-1,3-Dichloropropene	<0.00061		0.0010	0.00061	mg/L			11/08/18 00:26	1
Dibromochloromethane	<0.00039		0.0010	0.00039	mg/L			11/08/18 00:26	1
Dibromomethane	<0.000090		0.0010	0.000090	mg/L			11/08/18 00:26	1
Dichlorodifluoromethane	<0.00035		0.0010	0.00035	mg/L			11/08/18 00:26	1
Ethylbenzene	<0.00011		0.0010	0.00011	mg/L			11/08/18 00:26	1
Hexachlorobutadiene	<0.00083		0.0010	0.00083	mg/L			11/08/18 00:26	1
Isopropylbenzene	<0.000090		0.0010	0.000090	mg/L			11/08/18 00:26	1
m&p-Xylene	<0.000080		0.0020	0.000080	mg/L			11/08/18 00:26	1
Methyl Ethyl Ketone	<0.0012		0.010	0.0012	mg/L			11/08/18 00:26	1
methyl isobutyl ketone	<0.00042		0.010	0.00042	mg/L			11/08/18 00:26	1

Client Sample Results

Client: Central Wire (Techalloy)
Project/Site: Central Wire

TestAmerica Job ID: 500-154217-1

Client Sample ID: GP-36 57'

Date Collected: 10/29/18 12:00
Date Received: 11/02/18 10:00

Lab Sample ID: 500-154217-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	<0.000070		0.0010	0.000070	mg/L			11/08/18 00:26	1
Methylene Chloride	<0.0026		0.0050	0.0026	mg/L			11/08/18 00:26	1
Naphthalene	<0.00032		0.0010	0.00032	mg/L			11/08/18 00:26	1
n-Butylbenzene	<0.00014		0.0010	0.00014	mg/L			11/08/18 00:26	1
N-Propylbenzene	<0.00015		0.0010	0.00015	mg/L			11/08/18 00:26	1
o-Xylene	<0.000090		0.0010	0.000090	mg/L			11/08/18 00:26	1
p-Isopropyltoluene	<0.00013		0.0010	0.00013	mg/L			11/08/18 00:26	1
sec-Butylbenzene	<0.00013		0.0010	0.00013	mg/L			11/08/18 00:26	1
Styrene	<0.00010		0.0010	0.00010	mg/L			11/08/18 00:26	1
tert-Butylbenzene	<0.00014		0.0010	0.00014	mg/L			11/08/18 00:26	1
Tetrachloroethene	<0.00015		0.0010	0.00015	mg/L			11/08/18 00:26	1
Toluene	**0.00020**	**J**	0.0010	0.00014	mg/L			11/08/18 00:26	1
trans-1,2-Dichloroethene	<0.00019		0.0010	0.00019	mg/L			11/08/18 00:26	1
trans-1,3-Dichloropropene	<0.00067		0.0010	0.00067	mg/L			11/08/18 00:26	1
Trichloroethene	<0.00010		0.0010	0.00010	mg/L			11/08/18 00:26	1
Trichlorofluoromethane	<0.00045		0.0010	0.00045	mg/L			11/08/18 00:26	1
Vinyl chloride	<0.00020		0.0010	0.00020	mg/L			11/08/18 00:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 121*		*11/08/18 00:26*	*1*
4-Bromofluorobenzene (Surr)	*97*		*59 - 120*		*11/08/18 00:26*	*1*
Toluene-d8 (Surr)	*100*		*70 - 123*		*11/08/18 00:26*	*1*

Client Sample Results

Client: Central Wire (Techalloy)
Project/Site: Central Wire

TestAmerica Job ID: 500-154217-1

Client Sample ID: GP-36 27'

Lab Sample ID: 500-154217-3
Date Collected: 10/29/18 13:05
Matrix: Water
Date Received: 11/02/18 10:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.00014		0.0010	0.00014	mg/L			11/08/18 00:49	1
1,1,1-Trichloroethane	**0.00037**	**J**	0.0010	0.00024	mg/L			11/08/18 00:49	1
1,1,2,2-Tetrachloroethane	<0.00013		0.0010	0.00013	mg/L			11/08/18 00:49	1
1,1,2-Trichloroethane	<0.000090		0.0010	0.000090	mg/L			11/08/18 00:49	1
1,1-Dichloroethane	**0.00020**	**J**	0.0010	0.00017	mg/L			11/08/18 00:49	1
1,1-Dichloroethene	<0.00019		0.0010	0.00019	mg/L			11/08/18 00:49	1
1,1-Dichloropropene	<0.00014		0.0010	0.00014	mg/L			11/08/18 00:49	1
1,2,3-Trichlorobenzene	<0.00054		0.0010	0.00054	mg/L			11/08/18 00:49	1
1,2,3-Trichloropropane	<0.00024		0.0010	0.00024	mg/L			11/08/18 00:49	1
1,2,4-Trichlorobenzene	<0.00026		0.0010	0.00026	mg/L			11/08/18 00:49	1
1,2,4-Trimethylbenzene	<0.000070		0.0010	0.000070	mg/L			11/08/18 00:49	1
1,2-Dibromo-3-Chloropropane	<0.00091		0.0020	0.00091	mg/L			11/08/18 00:49	1
1,2-Dibromoethane	<0.00012		0.0010	0.00012	mg/L			11/08/18 00:49	1
1,2-Dichlorobenzene	<0.00015		0.0010	0.00015	mg/L			11/08/18 00:49	1
1,2-Dichloroethane	<0.00021		0.0010	0.00021	mg/L			11/08/18 00:49	1
1,2-Dichloropropane	<0.00015		0.0010	0.00015	mg/L			11/08/18 00:49	1
1,3,5-Trimethylbenzene	<0.00012		0.0010	0.00012	mg/L			11/08/18 00:49	1
1,3-Dichlorobenzene	<0.00015		0.0010	0.00015	mg/L			11/08/18 00:49	1
1,3-Dichloropropane	<0.00021		0.0010	0.00021	mg/L			11/08/18 00:49	1
1,3-Dichloropropene, Total	<0.0013		0.0020	0.0013	mg/L			11/08/18 00:49	1
1,4-Dichlorobenzene	<0.00016		0.0010	0.00016	mg/L			11/08/18 00:49	1
2,2-Dichloropropane	<0.00031		0.0010	0.00031	mg/L			11/08/18 00:49	1
2-Chlorotoluene	<0.00015		0.0010	0.00015	mg/L			11/08/18 00:49	1
2-Hexanone	<0.00054		0.010	0.00054	mg/L			11/08/18 00:49	1
4-Chlorotoluene	<0.000090		0.0010	0.000090	mg/L			11/08/18 00:49	1
Acetone	<0.0054		0.010	0.0054	mg/L			11/08/18 00:49	1
Benzene	<0.00013		0.0010	0.00013	mg/L			11/08/18 00:49	1
Bromobenzene	<0.00012		0.0010	0.00012	mg/L			11/08/18 00:49	1
Bromochloromethane	<0.00014		0.0010	0.00014	mg/L			11/08/18 00:49	1
Bromodichloromethane	<0.00017		0.0010	0.00017	mg/L			11/08/18 00:49	1
Bromoform	<0.00076		0.0010	0.00076	mg/L			11/08/18 00:49	1
Bromomethane	<0.00042		0.0010	0.00042	mg/L			11/08/18 00:49	1
Carbon disulfide	<0.00028		0.0010	0.00028	mg/L			11/08/18 00:49	1
Carbon tetrachloride	<0.00026		0.0010	0.00026	mg/L			11/08/18 00:49	1
Chlorobenzene	<0.00014		0.0010	0.00014	mg/L			11/08/18 00:49	1
Chloroethane	<0.00083		0.0010	0.00083	mg/L			11/08/18 00:49	1
Chloroform	<0.00013		0.0010	0.00013	mg/L			11/08/18 00:49	1
Chloromethane	<0.00020		0.0010	0.00020	mg/L			11/08/18 00:49	1
cis-1,2-Dichloroethene	<0.00016		0.0010	0.00016	mg/L			11/08/18 00:49	1
cis-1,3-Dichloropropene	<0.00061		0.0010	0.00061	mg/L			11/08/18 00:49	1
Dibromochloromethane	<0.00039		0.0010	0.00039	mg/L			11/08/18 00:49	1
Dibromomethane	<0.000090		0.0010	0.000090	mg/L			11/08/18 00:49	1
Dichlorodifluoromethane	<0.00035		0.0010	0.00035	mg/L			11/08/18 00:49	1
Ethylbenzene	<0.00011		0.0010	0.00011	mg/L			11/08/18 00:49	1
Hexachlorobutadiene	<0.00083		0.0010	0.00083	mg/L			11/08/18 00:49	1
Isopropylbenzene	<0.000090		0.0010	0.000090	mg/L			11/08/18 00:49	1
m&p-Xylene	**0.00010**	**J**	0.0020	0.000080	mg/L			11/08/18 00:49	1
Methyl Ethyl Ketone	<0.0012		0.010	0.0012	mg/L			11/08/18 00:49	1
methyl isobutyl ketone	<0.00042		0.010	0.00042	mg/L			11/08/18 00:49	1

Client Sample Results

Client: Central Wire (Techalloy)
Project/Site: Central Wire

TestAmerica Job ID: 500-154217-1

Client Sample ID: GP-36 27'

Date Collected: 10/29/18 13:05
Date Received: 11/02/18 10:00

Lab Sample ID: 500-154217-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	<0.000070		0.0010	0.000070	mg/L			11/08/18 00:49	1
Methylene Chloride	<0.0026		0.0050	0.0026	mg/L			11/08/18 00:49	1
Naphthalene	<0.00032		0.0010	0.00032	mg/L			11/08/18 00:49	1
n-Butylbenzene	<0.00014		0.0010	0.00014	mg/L			11/08/18 00:49	1
N-Propylbenzene	<0.00015		0.0010	0.00015	mg/L			11/08/18 00:49	1
o-Xylene	<0.000090		0.0010	0.000090	mg/L			11/08/18 00:49	1
p-Isopropyltoluene	<0.00013		0.0010	0.00013	mg/L			11/08/18 00:49	1
sec-Butylbenzene	<0.00013		0.0010	0.00013	mg/L			11/08/18 00:49	1
Styrene	<0.00010		0.0010	0.00010	mg/L			11/08/18 00:49	1
tert-Butylbenzene	<0.00014		0.0010	0.00014	mg/L			11/08/18 00:49	1
Tetrachloroethene	<0.00015		0.0010	0.00015	mg/L			11/08/18 00:49	1
Toluene	**0.00019**	**J**	0.0010	0.00014	mg/L			11/08/18 00:49	1
trans-1,2-Dichloroethene	<0.00019		0.0010	0.00019	mg/L			11/08/18 00:49	1
trans-1,3-Dichloropropene	<0.00067		0.0010	0.00067	mg/L			11/08/18 00:49	1
Trichloroethene	<0.00010		0.0010	0.00010	mg/L			11/08/18 00:49	1
Trichlorofluoromethane	<0.00045		0.0010	0.00045	mg/L			11/08/18 00:49	1
Vinyl chloride	<0.00020		0.0010	0.00020	mg/L			11/08/18 00:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*70 - 121*		*11/08/18 00:49*	*1*
4-Bromofluorobenzene (Surr)	*95*		*59 - 120*		*11/08/18 00:49*	*1*
Toluene-d8 (Surr)	*100*		*70 - 123*		*11/08/18 00:49*	*1*

Client Sample Results

Client: Central Wire (Techalloy)
Project/Site: Central Wire

TestAmerica Job ID: 500-154217-1

Client Sample ID: GP-39 80'

Lab Sample ID: 500-154217-4
Matrix: Water

Date Collected: 10/29/18 15:05
Date Received: 11/02/18 10:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.00014		0.0010	0.00014	mg/L			11/08/18 01:11	1
1,1,1-Trichloroethane	<0.00024		0.0010	0.00024	mg/L			11/08/18 01:11	1
1,1,2,2-Tetrachloroethane	<0.00013		0.0010	0.00013	mg/L			11/08/18 01:11	1
1,1,2-Trichloroethane	<0.000090		0.0010	0.000090	mg/L			11/08/18 01:11	1
1,1-Dichloroethane	<0.00017		0.0010	0.00017	mg/L			11/08/18 01:11	1
1,1-Dichloroethene	<0.00019		0.0010	0.00019	mg/L			11/08/18 01:11	1
1,1-Dichloropropene	<0.00014		0.0010	0.00014	mg/L			11/08/18 01:11	1
1,2,3-Trichlorobenzene	<0.00054		0.0010	0.00054	mg/L			11/08/18 01:11	1
1,2,3-Trichloropropane	<0.00024		0.0010	0.00024	mg/L			11/08/18 01:11	1
1,2,4-Trichlorobenzene	<0.00026		0.0010	0.00026	mg/L			11/08/18 01:11	1
1,2,4-Trimethylbenzene	<0.000070		0.0010	0.000070	mg/L			11/08/18 01:11	1
1,2-Dibromo-3-Chloropropane	<0.00091		0.0020	0.00091	mg/L			11/08/18 01:11	1
1,2-Dibromoethane	<0.00012		0.0010	0.00012	mg/L			11/08/18 01:11	1
1,2-Dichlorobenzene	<0.00015		0.0010	0.00015	mg/L			11/08/18 01:11	1
1,2-Dichloroethane	<0.00021		0.0010	0.00021	mg/L			11/08/18 01:11	1
1,2-Dichloropropane	<0.00015		0.0010	0.00015	mg/L			11/08/18 01:11	1
1,3,5-Trimethylbenzene	<0.00012		0.0010	0.00012	mg/L			11/08/18 01:11	1
1,3-Dichlorobenzene	<0.00015		0.0010	0.00015	mg/L			11/08/18 01:11	1
1,3-Dichloropropane	<0.00021		0.0010	0.00021	mg/L			11/08/18 01:11	1
1,3-Dichloropropene, Total	<0.0013		0.0020	0.0013	mg/L			11/08/18 01:11	1
1,4-Dichlorobenzene	<0.00016		0.0010	0.00016	mg/L			11/08/18 01:11	1
2,2-Dichloropropane	<0.00031		0.0010	0.00031	mg/L			11/08/18 01:11	1
2-Chlorotoluene	<0.00015		0.0010	0.00015	mg/L			11/08/18 01:11	1
2-Hexanone	<0.00054		0.010	0.00054	mg/L			11/08/18 01:11	1
4-Chlorotoluene	<0.000090		0.0010	0.000090	mg/L			11/08/18 01:11	1
Acetone	<0.0054		0.010	0.0054	mg/L			11/08/18 01:11	1
Benzene	<0.00013		0.0010	0.00013	mg/L			11/08/18 01:11	1
Bromobenzene	<0.00012		0.0010	0.00012	mg/L			11/08/18 01:11	1
Bromochloromethane	<0.00014		0.0010	0.00014	mg/L			11/08/18 01:11	1
Bromodichloromethane	<0.00017		0.0010	0.00017	mg/L			11/08/18 01:11	1
Bromoform	<0.00076		0.0010	0.00076	mg/L			11/08/18 01:11	1
Bromomethane	<0.00042		0.0010	0.00042	mg/L			11/08/18 01:11	1
Carbon disulfide	<0.00028		0.0010	0.00028	mg/L			11/08/18 01:11	1
Carbon tetrachloride	<0.00026		0.0010	0.00026	mg/L			11/08/18 01:11	1
Chlorobenzene	<0.00014		0.0010	0.00014	mg/L			11/08/18 01:11	1
Chloroethane	<0.00083		0.0010	0.00083	mg/L			11/08/18 01:11	1
Chloroform	<0.00013		0.0010	0.00013	mg/L			11/08/18 01:11	1
Chloromethane	<0.00020		0.0010	0.00020	mg/L			11/08/18 01:11	1
cis-1,2-Dichloroethene	<0.00016		0.0010	0.00016	mg/L			11/08/18 01:11	1
cis-1,3-Dichloropropene	<0.00061		0.0010	0.00061	mg/L			11/08/18 01:11	1
Dibromochloromethane	<0.00039		0.0010	0.00039	mg/L			11/08/18 01:11	1
Dibromomethane	<0.000090		0.0010	0.000090	mg/L			11/08/18 01:11	1
Dichlorodifluoromethane	<0.00035		0.0010	0.00035	mg/L			11/08/18 01:11	1
Ethylbenzene	<0.00011		0.0010	0.00011	mg/L			11/08/18 01:11	1
Hexachlorobutadiene	<0.00083		0.0010	0.00083	mg/L			11/08/18 01:11	1
Isopropylbenzene	<0.000090		0.0010	0.000090	mg/L			11/08/18 01:11	1
m&p-Xylene	**0.00010**	**J**	0.0020	0.000080	mg/L			11/08/18 01:11	1
Methyl Ethyl Ketone	<0.0012		0.010	0.0012	mg/L			11/08/18 01:11	1
methyl isobutyl ketone	<0.00042		0.010	0.00042	mg/L			11/08/18 01:11	1

Client Sample Results

Client: Central Wire (Techalloy)
Project/Site: Central Wire

TestAmerica Job ID: 500-154217-1

Client Sample ID: GP-39 80'

Date Collected: 10/29/18 15:05
Date Received: 11/02/18 10:00

Lab Sample ID: 500-154217-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	<0.000070		0.0010	0.000070	mg/L			11/08/18 01:11	1
Methylene Chloride	<0.0026		0.0050	0.0026	mg/L			11/08/18 01:11	1
Naphthalene	<0.00032		0.0010	0.00032	mg/L			11/08/18 01:11	1
n-Butylbenzene	<0.00014		0.0010	0.00014	mg/L			11/08/18 01:11	1
N-Propylbenzene	<0.00015		0.0010	0.00015	mg/L			11/08/18 01:11	1
o-Xylene	<0.000090		0.0010	0.000090	mg/L			11/08/18 01:11	1
p-Isopropyltoluene	<0.00013		0.0010	0.00013	mg/L			11/08/18 01:11	1
sec-Butylbenzene	<0.00013		0.0010	0.00013	mg/L			11/08/18 01:11	1
Styrene	<0.00010		0.0010	0.00010	mg/L			11/08/18 01:11	1
tert-Butylbenzene	<0.00014		0.0010	0.00014	mg/L			11/08/18 01:11	1
Tetrachloroethene	<0.00015		0.0010	0.00015	mg/L			11/08/18 01:11	1
Toluene	**0.00024**	**J**	0.0010	0.00014	mg/L			11/08/18 01:11	1
trans-1,2-Dichloroethene	<0.00019		0.0010	0.00019	mg/L			11/08/18 01:11	1
trans-1,3-Dichloropropene	<0.00067		0.0010	0.00067	mg/L			11/08/18 01:11	1
Trichloroethene	<0.00010		0.0010	0.00010	mg/L			11/08/18 01:11	1
Trichlorofluoromethane	<0.00045		0.0010	0.00045	mg/L			11/08/18 01:11	1
Vinyl chloride	<0.00020		0.0010	0.00020	mg/L			11/08/18 01:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*70 - 121*		*11/08/18 01:11*	*1*
4-Bromofluorobenzene (Surr)	*97*		*59 - 120*		*11/08/18 01:11*	*1*
Toluene-d8 (Surr)	*101*		*70 - 123*		*11/08/18 01:11*	*1*

Client Sample Results

Client: Central Wire (Techalloy)
Project/Site: Central Wire

TestAmerica Job ID: 500-154217-1

Client Sample ID: GP-39 57'

Lab Sample ID: 500-154217-5

Date Collected: 10/29/18 15:50
Date Received: 11/02/18 10:00

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.00014		0.0010	0.00014	mg/L			11/08/18 20:10	1
1,1,1-Trichloroethane	<0.00024		0.0010	0.00024	mg/L			11/08/18 20:10	1
1,1,2,2-Tetrachloroethane	<0.00013		0.0010	0.00013	mg/L			11/08/18 20:10	1
1,1,2-Trichloroethane	<0.000090		0.0010	0.000090	mg/L			11/08/18 20:10	1
1,1-Dichloroethane	<0.00017		0.0010	0.00017	mg/L			11/08/18 20:10	1
1,1-Dichloroethene	<0.00019		0.0010	0.00019	mg/L			11/08/18 20:10	1
1,1-Dichloropropene	<0.00014		0.0010	0.00014	mg/L			11/08/18 20:10	1
1,2,3-Trichlorobenzene	<0.00054		0.0010	0.00054	mg/L			11/08/18 20:10	1
1,2,3-Trichloropropane	<0.00024		0.0010	0.00024	mg/L			11/08/18 20:10	1
1,2,4-Trichlorobenzene	<0.00026		0.0010	0.00026	mg/L			11/08/18 20:10	1
1,2,4-Trimethylbenzene	<0.000070		0.0010	0.000070	mg/L			11/08/18 20:10	1
1,2-Dibromo-3-Chloropropane	<0.00091		0.0020	0.00091	mg/L			11/08/18 20:10	1
1,2-Dibromoethane	<0.00012		0.0010	0.00012	mg/L			11/08/18 20:10	1
1,2-Dichlorobenzene	<0.00015		0.0010	0.00015	mg/L			11/08/18 20:10	1
1,2-Dichloroethane	<0.00021		0.0010	0.00021	mg/L			11/08/18 20:10	1
1,2-Dichloropropane	<0.00015		0.0010	0.00015	mg/L			11/08/18 20:10	1
1,3,5-Trimethylbenzene	<0.00012		0.0010	0.00012	mg/L			11/08/18 20:10	1
1,3-Dichlorobenzene	<0.00015		0.0010	0.00015	mg/L			11/08/18 20:10	1
1,3-Dichloropropane	<0.00021		0.0010	0.00021	mg/L			11/08/18 20:10	1
1,3-Dichloropropene, Total	<0.0013		0.0020	0.0013	mg/L			11/08/18 20:10	1
1,4-Dichlorobenzene	<0.00016		0.0010	0.00016	mg/L			11/08/18 20:10	1
2,2-Dichloropropane	<0.00031		0.0010	0.00031	mg/L			11/08/18 20:10	1
2-Chlorotoluene	<0.00015		0.0010	0.00015	mg/L			11/08/18 20:10	1
2-Hexanone	<0.00054		0.010	0.00054	mg/L			11/08/18 20:10	1
4-Chlorotoluene	<0.000090		0.0010	0.000090	mg/L			11/08/18 20:10	1
Acetone	<0.0054		0.010	0.0054	mg/L			11/08/18 20:10	1
Benzene	**0.00015**	**J**	0.0010	0.00013	mg/L			11/08/18 20:10	1
Bromobenzene	<0.00012		0.0010	0.00012	mg/L			11/08/18 20:10	1
Bromochloromethane	<0.00014		0.0010	0.00014	mg/L			11/08/18 20:10	1
Bromodichloromethane	<0.00017		0.0010	0.00017	mg/L			11/08/18 20:10	1
Bromoform	<0.00076		0.0010	0.00076	mg/L			11/08/18 20:10	1
Bromomethane	<0.00042		0.0010	0.00042	mg/L			11/08/18 20:10	1
Carbon disulfide	<0.00028		0.0010	0.00028	mg/L			11/08/18 20:10	1
Carbon tetrachloride	<0.00026		0.0010	0.00026	mg/L			11/08/18 20:10	1
Chlorobenzene	<0.00014		0.0010	0.00014	mg/L			11/08/18 20:10	1
Chloroethane	<0.00083		0.0010	0.00083	mg/L			11/08/18 20:10	1
Chloroform	<0.00013		0.0010	0.00013	mg/L			11/08/18 20:10	1
Chloromethane	<0.00020		0.0010	0.00020	mg/L			11/08/18 20:10	1
cis-1,2-Dichloroethene	<0.00016		0.0010	0.00016	mg/L			11/08/18 20:10	1
cis-1,3-Dichloropropene	<0.00061		0.0010	0.00061	mg/L			11/08/18 20:10	1
Dibromochloromethane	<0.00039		0.0010	0.00039	mg/L			11/08/18 20:10	1
Dibromomethane	<0.000090		0.0010	0.000090	mg/L			11/08/18 20:10	1
Dichlorodifluoromethane	<0.00035		0.0010	0.00035	mg/L			11/08/18 20:10	1
Ethylbenzene	<0.00011		0.0010	0.00011	mg/L			11/08/18 20:10	1
Hexachlorobutadiene	<0.00083		0.0010	0.00083	mg/L			11/08/18 20:10	1
Isopropylbenzene	<0.000090		0.0010	0.000090	mg/L			11/08/18 20:10	1
m&p-Xylene	**0.00011**	**J**	0.0020	0.000080	mg/L			11/08/18 20:10	1
Methyl Ethyl Ketone	<0.0012		0.010	0.0012	mg/L			11/08/18 20:10	1
methyl isobutyl ketone	<0.00042		0.010	0.00042	mg/L			11/08/18 20:10	1

Client Sample Results

Client: Central Wire (Techalloy)
Project/Site: Central Wire

TestAmerica Job ID: 500-154217-1

Client Sample ID: GP-39 57'

Date Collected: 10/29/18 15:50
Date Received: 11/02/18 10:00

Lab Sample ID: 500-154217-5
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	<0.000070		0.0010	0.000070	mg/L			11/08/18 20:10	1
Methylene Chloride	<0.0026		0.0050	0.0026	mg/L			11/08/18 20:10	1
Naphthalene	<0.00032		0.0010	0.00032	mg/L			11/08/18 20:10	1
n-Butylbenzene	<0.00014		0.0010	0.00014	mg/L			11/08/18 20:10	1
N-Propylbenzene	<0.00015		0.0010	0.00015	mg/L			11/08/18 20:10	1
o-Xylene	<0.000090		0.0010	0.000090	mg/L			11/08/18 20:10	1
p-Isopropyltoluene	<0.00013		0.0010	0.00013	mg/L			11/08/18 20:10	1
sec-Butylbenzene	<0.00013		0.0010	0.00013	mg/L			11/08/18 20:10	1
Styrene	<0.00010		0.0010	0.00010	mg/L			11/08/18 20:10	1
tert-Butylbenzene	<0.00014		0.0010	0.00014	mg/L			11/08/18 20:10	1
Tetrachloroethene	<0.00015		0.0010	0.00015	mg/L			11/08/18 20:10	1
Toluene	**0.00026**	**J**	0.0010	0.00014	mg/L			11/08/18 20:10	1
trans-1,2-Dichloroethene	<0.00019		0.0010	0.00019	mg/L			11/08/18 20:10	1
trans-1,3-Dichloropropene	<0.00067		0.0010	0.00067	mg/L			11/08/18 20:10	1
Trichloroethene	**0.00011**	**J**	0.0010	0.00010	mg/L			11/08/18 20:10	1
Trichlorofluoromethane	<0.00045		0.0010	0.00045	mg/L			11/08/18 20:10	1
Vinyl chloride	<0.00020		0.0010	0.00020	mg/L			11/08/18 20:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 121*		*11/08/18 20:10*	*1*
4-Bromofluorobenzene (Surr)	*96*		*59 - 120*		*11/08/18 20:10*	*1*
Toluene-d8 (Surr)	*99*		*70 - 123*		*11/08/18 20:10*	*1*

Client Sample Results

Client: Central Wire (Techalloy)
Project/Site: Central Wire

TestAmerica Job ID: 500-154217-1

Client Sample ID: GP-39 27'

Lab Sample ID: 500-154217-6
Matrix: Water

Date Collected: 10/29/18 16:50
Date Received: 11/02/18 10:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.00014		0.0010	0.00014	mg/L			11/08/18 20:33	1
1,1,1-Trichloroethane	**0.0020**		0.0010	0.00024	mg/L			11/08/18 20:33	1
1,1,2,2-Tetrachloroethane	<0.00013		0.0010	0.00013	mg/L			11/08/18 20:33	1
1,1,2-Trichloroethane	<0.000090		0.0010	0.000090	mg/L			11/08/18 20:33	1
1,1-Dichloroethane	**0.00027**	**J**	0.0010	0.00017	mg/L			11/08/18 20:33	1
1,1-Dichloroethene	**0.00050**	**J**	0.0010	0.00019	mg/L			11/08/18 20:33	1
1,1-Dichloropropene	<0.00014		0.0010	0.00014	mg/L			11/08/18 20:33	1
1,2,3-Trichlorobenzene	<0.00054		0.0010	0.00054	mg/L			11/08/18 20:33	1
1,2,3-Trichloropropane	<0.00024		0.0010	0.00024	mg/L			11/08/18 20:33	1
1,2,4-Trichlorobenzene	<0.00026		0.0010	0.00026	mg/L			11/08/18 20:33	1
1,2,4-Trimethylbenzene	<0.000070		0.0010	0.000070	mg/L			11/08/18 20:33	1
1,2-Dibromo-3-Chloropropane	<0.00091		0.0020	0.00091	mg/L			11/08/18 20:33	1
1,2-Dibromoethane	<0.00012		0.0010	0.00012	mg/L			11/08/18 20:33	1
1,2-Dichlorobenzene	<0.00015		0.0010	0.00015	mg/L			11/08/18 20:33	1
1,2-Dichloroethane	<0.00021		0.0010	0.00021	mg/L			11/08/18 20:33	1
1,2-Dichloropropane	<0.00015		0.0010	0.00015	mg/L			11/08/18 20:33	1
1,3,5-Trimethylbenzene	<0.00012		0.0010	0.00012	mg/L			11/08/18 20:33	1
1,3-Dichlorobenzene	<0.00015		0.0010	0.00015	mg/L			11/08/18 20:33	1
1,3-Dichloropropane	<0.00021		0.0010	0.00021	mg/L			11/08/18 20:33	1
1,3-Dichloropropene, Total	<0.0013		0.0020	0.0013	mg/L			11/08/18 20:33	1
1,4-Dichlorobenzene	<0.00016		0.0010	0.00016	mg/L			11/08/18 20:33	1
2,2-Dichloropropane	<0.00031		0.0010	0.00031	mg/L			11/08/18 20:33	1
2-Chlorotoluene	<0.00015		0.0010	0.00015	mg/L			11/08/18 20:33	1
2-Hexanone	<0.00054		0.010	0.00054	mg/L			11/08/18 20:33	1
4-Chlorotoluene	<0.000090		0.0010	0.000090	mg/L			11/08/18 20:33	1
Acetone	<0.0054		0.010	0.0054	mg/L			11/08/18 20:33	1
Benzene	<0.00013		0.0010	0.00013	mg/L			11/08/18 20:33	1
Bromobenzene	<0.00012		0.0010	0.00012	mg/L			11/08/18 20:33	1
Bromochloromethane	<0.00014		0.0010	0.00014	mg/L			11/08/18 20:33	1
Bromodichloromethane	<0.00017		0.0010	0.00017	mg/L			11/08/18 20:33	1
Bromoform	<0.00076		0.0010	0.00076	mg/L			11/08/18 20:33	1
Bromomethane	<0.00042		0.0010	0.00042	mg/L			11/08/18 20:33	1
Carbon disulfide	<0.00028		0.0010	0.00028	mg/L			11/08/18 20:33	1
Carbon tetrachloride	<0.00026		0.0010	0.00026	mg/L			11/08/18 20:33	1
Chlorobenzene	<0.00014		0.0010	0.00014	mg/L			11/08/18 20:33	1
Chloroethane	<0.00083		0.0010	0.00083	mg/L			11/08/18 20:33	1
Chloroform	<0.00013		0.0010	0.00013	mg/L			11/08/18 20:33	1
Chloromethane	<0.00020		0.0010	0.00020	mg/L			11/08/18 20:33	1
cis-1,2-Dichloroethene	<0.00016		0.0010	0.00016	mg/L			11/08/18 20:33	1
cis-1,3-Dichloropropene	<0.00061		0.0010	0.00061	mg/L			11/08/18 20:33	1
Dibromochloromethane	<0.00039		0.0010	0.00039	mg/L			11/08/18 20:33	1
Dibromomethane	<0.000090		0.0010	0.000090	mg/L			11/08/18 20:33	1
Dichlorodifluoromethane	<0.00035		0.0010	0.00035	mg/L			11/08/18 20:33	1
Ethylbenzene	<0.00011		0.0010	0.00011	mg/L			11/08/18 20:33	1
Hexachlorobutadiene	<0.00083		0.0010	0.00083	mg/L			11/08/18 20:33	1
Isopropylbenzene	<0.000090		0.0010	0.000090	mg/L			11/08/18 20:33	1
m&p-Xylene	<0.000080		0.0020	0.000080	mg/L			11/08/18 20:33	1
Methyl Ethyl Ketone	<0.0012		0.010	0.0012	mg/L			11/08/18 20:33	1
methyl isobutyl ketone	<0.00042		0.010	0.00042	mg/L			11/08/18 20:33	1

Client Sample Results

Client: Central Wire (Techalloy)
Project/Site: Central Wire

TestAmerica Job ID: 500-154217-1

Client Sample ID: GP-39 27'

Date Collected: 10/29/18 16:50
Date Received: 11/02/18 10:00

Lab Sample ID: 500-154217-6
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	<0.000070		0.0010	0.000070	mg/L			11/08/18 20:33	1
Methylene Chloride	<0.0026		0.0050	0.0026	mg/L			11/08/18 20:33	1
Naphthalene	<0.00032		0.0010	0.00032	mg/L			11/08/18 20:33	1
n-Butylbenzene	<0.00014		0.0010	0.00014	mg/L			11/08/18 20:33	1
N-Propylbenzene	<0.00015		0.0010	0.00015	mg/L			11/08/18 20:33	1
o-Xylene	<0.000090		0.0010	0.000090	mg/L			11/08/18 20:33	1
p-Isopropyltoluene	<0.00013		0.0010	0.00013	mg/L			11/08/18 20:33	1
sec-Butylbenzene	<0.00013		0.0010	0.00013	mg/L			11/08/18 20:33	1
Styrene	<0.00010		0.0010	0.00010	mg/L			11/08/18 20:33	1
tert-Butylbenzene	<0.00014		0.0010	0.00014	mg/L			11/08/18 20:33	1
Tetrachloroethene	<0.00015		0.0010	0.00015	mg/L			11/08/18 20:33	1
Toluene	**0.00024**	**J**	0.0010	0.00014	mg/L			11/08/18 20:33	1
trans-1,2-Dichloroethene	<0.00019		0.0010	0.00019	mg/L			11/08/18 20:33	1
trans-1,3-Dichloropropene	<0.00067		0.0010	0.00067	mg/L			11/08/18 20:33	1
Trichloroethene	<0.00010		0.0010	0.00010	mg/L			11/08/18 20:33	1
Trichlorofluoromethane	<0.00045		0.0010	0.00045	mg/L			11/08/18 20:33	1
Vinyl chloride	<0.00020		0.0010	0.00020	mg/L			11/08/18 20:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 121*		*11/08/18 20:33*	*1*
4-Bromofluorobenzene (Surr)	*95*		*59 - 120*		*11/08/18 20:33*	*1*
Toluene-d8 (Surr)	*99*		*70 - 123*		*11/08/18 20:33*	*1*

Client Sample Results

Client: Central Wire (Techalloy)
Project/Site: Central Wire

TestAmerica Job ID: 500-154217-1

Client Sample ID: FB Pump

Date Collected: 10/29/18 10:50
Date Received: 11/02/18 10:00

Lab Sample ID: 500-154217-7
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.00014		0.0010	0.00014	mg/L			11/08/18 20:55	1
1,1,1-Trichloroethane	<0.00024		0.0010	0.00024	mg/L			11/08/18 20:55	1
1,1,2,2-Tetrachloroethane	<0.00013		0.0010	0.00013	mg/L			11/08/18 20:55	1
1,1,2-Trichloroethane	<0.000090		0.0010	0.000090	mg/L			11/08/18 20:55	1
1,1-Dichloroethane	<0.00017		0.0010	0.00017	mg/L			11/08/18 20:55	1
1,1-Dichloroethene	<0.00019		0.0010	0.00019	mg/L			11/08/18 20:55	1
1,1-Dichloropropene	<0.00014		0.0010	0.00014	mg/L			11/08/18 20:55	1
1,2,3-Trichlorobenzene	<0.00054		0.0010	0.00054	mg/L			11/08/18 20:55	1
1,2,3-Trichloropropane	<0.00024		0.0010	0.00024	mg/L			11/08/18 20:55	1
1,2,4-Trichlorobenzene	<0.00026		0.0010	0.00026	mg/L			11/08/18 20:55	1
1,2,4-Trimethylbenzene	<0.000070		0.0010	0.000070	mg/L			11/08/18 20:55	1
1,2-Dibromo-3-Chloropropane	<0.00091		0.0020	0.00091	mg/L			11/08/18 20:55	1
1,2-Dibromoethane	<0.00012		0.0010	0.00012	mg/L			11/08/18 20:55	1
1,2-Dichlorobenzene	<0.00015		0.0010	0.00015	mg/L			11/08/18 20:55	1
1,2-Dichloroethane	<0.00021		0.0010	0.00021	mg/L			11/08/18 20:55	1
1,2-Dichloropropane	<0.00015		0.0010	0.00015	mg/L			11/08/18 20:55	1
1,3,5-Trimethylbenzene	<0.00012		0.0010	0.00012	mg/L			11/08/18 20:55	1
1,3-Dichlorobenzene	<0.00015		0.0010	0.00015	mg/L			11/08/18 20:55	1
1,3-Dichloropropane	<0.00021		0.0010	0.00021	mg/L			11/08/18 20:55	1
1,3-Dichloropropene, Total	<0.0013		0.0020	0.0013	mg/L			11/08/18 20:55	1
1,4-Dichlorobenzene	<0.00016		0.0010	0.00016	mg/L			11/08/18 20:55	1
2,2-Dichloropropane	<0.00031		0.0010	0.00031	mg/L			11/08/18 20:55	1
2-Chlorotoluene	<0.00015		0.0010	0.00015	mg/L			11/08/18 20:55	1
2-Hexanone	<0.00054		0.010	0.00054	mg/L			11/08/18 20:55	1
4-Chlorotoluene	<0.000090		0.0010	0.000090	mg/L			11/08/18 20:55	1
Acetone	<0.0054		0.010	0.0054	mg/L			11/08/18 20:55	1
Benzene	**0.00013**	**J**	0.0010	0.00013	mg/L			11/08/18 20:55	1
Bromobenzene	<0.00012		0.0010	0.00012	mg/L			11/08/18 20:55	1
Bromochloromethane	<0.00014		0.0010	0.00014	mg/L			11/08/18 20:55	1
Bromodichloromethane	<0.00017		0.0010	0.00017	mg/L			11/08/18 20:55	1
Bromoform	<0.00076		0.0010	0.00076	mg/L			11/08/18 20:55	1
Bromomethane	<0.00042		0.0010	0.00042	mg/L			11/08/18 20:55	1
Carbon disulfide	<0.00028		0.0010	0.00028	mg/L			11/08/18 20:55	1
Carbon tetrachloride	<0.00026		0.0010	0.00026	mg/L			11/08/18 20:55	1
Chlorobenzene	<0.00014		0.0010	0.00014	mg/L			11/08/18 20:55	1
Chloroethane	<0.00083		0.0010	0.00083	mg/L			11/08/18 20:55	1
Chloroform	<0.00013		0.0010	0.00013	mg/L			11/08/18 20:55	1
Chloromethane	<0.00020		0.0010	0.00020	mg/L			11/08/18 20:55	1
cis-1,2-Dichloroethene	<0.00016		0.0010	0.00016	mg/L			11/08/18 20:55	1
cis-1,3-Dichloropropene	<0.00061		0.0010	0.00061	mg/L			11/08/18 20:55	1
Dibromochloromethane	<0.00039		0.0010	0.00039	mg/L			11/08/18 20:55	1
Dibromomethane	<0.000090		0.0010	0.000090	mg/L			11/08/18 20:55	1
Dichlorodifluoromethane	<0.00035		0.0010	0.00035	mg/L			11/08/18 20:55	1
Ethylbenzene	<0.00011		0.0010	0.00011	mg/L			11/08/18 20:55	1
Hexachlorobutadiene	<0.00083		0.0010	0.00083	mg/L			11/08/18 20:55	1
Isopropylbenzene	<0.000090		0.0010	0.000090	mg/L			11/08/18 20:55	1
m&p-Xylene	**0.00014**	**J**	0.0020	0.000080	mg/L			11/08/18 20:55	1
Methyl Ethyl Ketone	<0.0012		0.010	0.0012	mg/L			11/08/18 20:55	1
methyl isobutyl ketone	<0.00042		0.010	0.00042	mg/L			11/08/18 20:55	1

Client Sample Results

Client: Central Wire (Techalloy)
Project/Site: Central Wire

TestAmerica Job ID: 500-154217-1

Client Sample ID: FB Pump

Date Collected: 10/29/18 10:50
Date Received: 11/02/18 10:00

Lab Sample ID: 500-154217-7
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	<0.000070		0.0010	0.000070	mg/L			11/08/18 20:55	1
Methylene Chloride	<0.0026		0.0050	0.0026	mg/L			11/08/18 20:55	1
Naphthalene	<0.00032		0.0010	0.00032	mg/L			11/08/18 20:55	1
n-Butylbenzene	<0.00014		0.0010	0.00014	mg/L			11/08/18 20:55	1
N-Propylbenzene	<0.00015		0.0010	0.00015	mg/L			11/08/18 20:55	1
o-Xylene	<0.000090		0.0010	0.000090	mg/L			11/08/18 20:55	1
p-Isopropyltoluene	<0.00013		0.0010	0.00013	mg/L			11/08/18 20:55	1
sec-Butylbenzene	<0.00013		0.0010	0.00013	mg/L			11/08/18 20:55	1
Styrene	<0.00010		0.0010	0.00010	mg/L			11/08/18 20:55	1
tert-Butylbenzene	<0.00014		0.0010	0.00014	mg/L			11/08/18 20:55	1
Tetrachloroethene	<0.00015		0.0010	0.00015	mg/L			11/08/18 20:55	1
Toluene	**0.00054**	**J**	0.0010	0.00014	mg/L			11/08/18 20:55	1
trans-1,2-Dichloroethene	<0.00019		0.0010	0.00019	mg/L			11/08/18 20:55	1
trans-1,3-Dichloropropene	<0.00067		0.0010	0.00067	mg/L			11/08/18 20:55	1
Trichloroethene	<0.00010		0.0010	0.00010	mg/L			11/08/18 20:55	1
Trichlorofluoromethane	<0.00045		0.0010	0.00045	mg/L			11/08/18 20:55	1
Vinyl chloride	<0.00020		0.0010	0.00020	mg/L			11/08/18 20:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*70 - 121*		*11/08/18 20:55*	*1*
4-Bromofluorobenzene (Surr)	*97*		*59 - 120*		*11/08/18 20:55*	*1*
Toluene-d8 (Surr)	*101*		*70 - 123*		*11/08/18 20:55*	*1*

Client Sample Results

Client: Central Wire (Techalloy)
Project/Site: Central Wire

TestAmerica Job ID: 500-154217-1

Client Sample ID: FB Rods

Lab Sample ID: 500-154217-8

Date Collected: 10/29/18 13:25
Date Received: 11/02/18 10:00

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.00014		0.0010	0.00014	mg/L			11/08/18 21:17	1
1,1,1-Trichloroethane	<0.00024		0.0010	0.00024	mg/L			11/08/18 21:17	1
1,1,2,2-Tetrachloroethane	<0.00013		0.0010	0.00013	mg/L			11/08/18 21:17	1
1,1,2-Trichloroethane	<0.000090		0.0010	0.000090	mg/L			11/08/18 21:17	1
1,1-Dichloroethane	<0.00017		0.0010	0.00017	mg/L			11/08/18 21:17	1
1,1-Dichloroethene	<0.00019		0.0010	0.00019	mg/L			11/08/18 21:17	1
1,1-Dichloropropene	<0.00014		0.0010	0.00014	mg/L			11/08/18 21:17	1
1,2,3-Trichlorobenzene	<0.00054		0.0010	0.00054	mg/L			11/08/18 21:17	1
1,2,3-Trichloropropane	<0.00024		0.0010	0.00024	mg/L			11/08/18 21:17	1
1,2,4-Trichlorobenzene	<0.00026		0.0010	0.00026	mg/L			11/08/18 21:17	1
1,2,4-Trimethylbenzene	<0.000070		0.0010	0.000070	mg/L			11/08/18 21:17	1
1,2-Dibromo-3-Chloropropane	<0.00091		0.0020	0.00091	mg/L			11/08/18 21:17	1
1,2-Dibromoethane	<0.00012		0.0010	0.00012	mg/L			11/08/18 21:17	1
1,2-Dichlorobenzene	<0.00015		0.0010	0.00015	mg/L			11/08/18 21:17	1
1,2-Dichloroethane	<0.00021		0.0010	0.00021	mg/L			11/08/18 21:17	1
1,2-Dichloropropane	<0.00015		0.0010	0.00015	mg/L			11/08/18 21:17	1
1,3,5-Trimethylbenzene	<0.00012		0.0010	0.00012	mg/L			11/08/18 21:17	1
1,3-Dichlorobenzene	<0.00015		0.0010	0.00015	mg/L			11/08/18 21:17	1
1,3-Dichloropropane	<0.00021		0.0010	0.00021	mg/L			11/08/18 21:17	1
1,3-Dichloropropene, Total	<0.0013		0.0020	0.0013	mg/L			11/08/18 21:17	1
1,4-Dichlorobenzene	<0.00016		0.0010	0.00016	mg/L			11/08/18 21:17	1
2,2-Dichloropropane	<0.00031		0.0010	0.00031	mg/L			11/08/18 21:17	1
2-Chlorotoluene	<0.00015		0.0010	0.00015	mg/L			11/08/18 21:17	1
2-Hexanone	<0.00054		0.010	0.00054	mg/L			11/08/18 21:17	1
4-Chlorotoluene	<0.000090		0.0010	0.000090	mg/L			11/08/18 21:17	1
Acetone	**0.0081**	**J**	0.010	0.0054	mg/L			11/08/18 21:17	1
Benzene	<0.00013		0.0010	0.00013	mg/L			11/08/18 21:17	1
Bromobenzene	<0.00012		0.0010	0.00012	mg/L			11/08/18 21:17	1
Bromochloromethane	<0.00014		0.0010	0.00014	mg/L			11/08/18 21:17	1
Bromodichloromethane	<0.00017		0.0010	0.00017	mg/L			11/08/18 21:17	1
Bromoform	<0.00076		0.0010	0.00076	mg/L			11/08/18 21:17	1
Bromomethane	<0.00042		0.0010	0.00042	mg/L			11/08/18 21:17	1
Carbon disulfide	<0.00028		0.0010	0.00028	mg/L			11/08/18 21:17	1
Carbon tetrachloride	<0.00026		0.0010	0.00026	mg/L			11/08/18 21:17	1
Chlorobenzene	<0.00014		0.0010	0.00014	mg/L			11/08/18 21:17	1
Chloroethane	<0.00083		0.0010	0.00083	mg/L			11/08/18 21:17	1
Chloroform	<0.00013		0.0010	0.00013	mg/L			11/08/18 21:17	1
Chloromethane	<0.00020		0.0010	0.00020	mg/L			11/08/18 21:17	1
cis-1,2-Dichloroethene	<0.00016		0.0010	0.00016	mg/L			11/08/18 21:17	1
cis-1,3-Dichloropropene	<0.00061		0.0010	0.00061	mg/L			11/08/18 21:17	1
Dibromochloromethane	<0.00039		0.0010	0.00039	mg/L			11/08/18 21:17	1
Dibromomethane	<0.000090		0.0010	0.000090	mg/L			11/08/18 21:17	1
Dichlorodifluoromethane	<0.00035		0.0010	0.00035	mg/L			11/08/18 21:17	1
Ethylbenzene	<0.00011		0.0010	0.00011	mg/L			11/08/18 21:17	1
Hexachlorobutadiene	<0.00083		0.0010	0.00083	mg/L			11/08/18 21:17	1
Isopropylbenzene	<0.000090		0.0010	0.000090	mg/L			11/08/18 21:17	1
m&p-Xylene	<0.000080		0.0020	0.000080	mg/L			11/08/18 21:17	1
Methyl Ethyl Ketone	<0.0012		0.010	0.0012	mg/L			11/08/18 21:17	1
methyl isobutyl ketone	<0.00042		0.010	0.00042	mg/L			11/08/18 21:17	1

Client Sample Results

Client: Central Wire (Techalloy)
Project/Site: Central Wire

TestAmerica Job ID: 500-154217-1

Client Sample ID: FB Rods

Lab Sample ID: 500-154217-8

Date Collected: 10/29/18 13:25
Date Received: 11/02/18 10:00

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	<0.000070		0.0010	0.000070	mg/L			11/08/18 21:17	1
Methylene Chloride	<0.0026		0.0050	0.0026	mg/L			11/08/18 21:17	1
Naphthalene	<0.00032		0.0010	0.00032	mg/L			11/08/18 21:17	1
n-Butylbenzene	<0.00014		0.0010	0.00014	mg/L			11/08/18 21:17	1
N-Propylbenzene	<0.00015		0.0010	0.00015	mg/L			11/08/18 21:17	1
o-Xylene	<0.000090		0.0010	0.000090	mg/L			11/08/18 21:17	1
p-Isopropyltoluene	<0.00013		0.0010	0.00013	mg/L			11/08/18 21:17	1
sec-Butylbenzene	<0.00013		0.0010	0.00013	mg/L			11/08/18 21:17	1
Styrene	<0.00010		0.0010	0.00010	mg/L			11/08/18 21:17	1
tert-Butylbenzene	<0.00014		0.0010	0.00014	mg/L			11/08/18 21:17	1
Tetrachloroethene	<0.00015		0.0010	0.00015	mg/L			11/08/18 21:17	1
Toluene	<0.00014		0.0010	0.00014	mg/L			11/08/18 21:17	1
trans-1,2-Dichloroethene	<0.00019		0.0010	0.00019	mg/L			11/08/18 21:17	1
trans-1,3-Dichloropropene	<0.00067		0.0010	0.00067	mg/L			11/08/18 21:17	1
Trichloroethene	<0.00010		0.0010	0.00010	mg/L			11/08/18 21:17	1
Trichlorofluoromethane	<0.00045		0.0010	0.00045	mg/L			11/08/18 21:17	1
Vinyl chloride	<0.00020		0.0010	0.00020	mg/L			11/08/18 21:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 121*		*11/08/18 21:17*	*1*
4-Bromofluorobenzene (Surr)	*95*		*59 - 120*		*11/08/18 21:17*	*1*
Toluene-d8 (Surr)	*99*		*70 - 123*		*11/08/18 21:17*	*1*

Client Sample Results

Client: Central Wire (Techalloy)
Project/Site: Central Wire

TestAmerica Job ID: 500-154217-1

Client Sample ID: GP-35-85'

Lab Sample ID: 500-154217-9

Date Collected: 10/30/18 08:50
Date Received: 11/02/18 10:00

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.00014		0.0010	0.00014	mg/L			11/08/18 21:39	1
1,1,1-Trichloroethane	<0.00024		0.0010	0.00024	mg/L			11/08/18 21:39	1
1,1,2,2-Tetrachloroethane	<0.00013		0.0010	0.00013	mg/L			11/08/18 21:39	1
1,1,2-Trichloroethane	<0.000090		0.0010	0.000090	mg/L			11/08/18 21:39	1
1,1-Dichloroethane	<0.00017		0.0010	0.00017	mg/L			11/08/18 21:39	1
1,1-Dichloroethene	<0.00019		0.0010	0.00019	mg/L			11/08/18 21:39	1
1,1-Dichloropropene	<0.00014		0.0010	0.00014	mg/L			11/08/18 21:39	1
1,2,3-Trichlorobenzene	<0.00054		0.0010	0.00054	mg/L			11/08/18 21:39	1
1,2,3-Trichloropropane	<0.00024		0.0010	0.00024	mg/L			11/08/18 21:39	1
1,2,4-Trichlorobenzene	<0.00026		0.0010	0.00026	mg/L			11/08/18 21:39	1
1,2,4-Trimethylbenzene	<0.000070		0.0010	0.000070	mg/L			11/08/18 21:39	1
1,2-Dibromo-3-Chloropropane	<0.00091		0.0020	0.00091	mg/L			11/08/18 21:39	1
1,2-Dibromoethane	<0.00012		0.0010	0.00012	mg/L			11/08/18 21:39	1
1,2-Dichlorobenzene	<0.00015		0.0010	0.00015	mg/L			11/08/18 21:39	1
1,2-Dichloroethane	<0.00021		0.0010	0.00021	mg/L			11/08/18 21:39	1
1,2-Dichloropropane	<0.00015		0.0010	0.00015	mg/L			11/08/18 21:39	1
1,3,5-Trimethylbenzene	<0.00012		0.0010	0.00012	mg/L			11/08/18 21:39	1
1,3-Dichlorobenzene	<0.00015		0.0010	0.00015	mg/L			11/08/18 21:39	1
1,3-Dichloropropane	<0.00021		0.0010	0.00021	mg/L			11/08/18 21:39	1
1,3-Dichloropropene, Total	<0.0013		0.0020	0.0013	mg/L			11/08/18 21:39	1
1,4-Dichlorobenzene	<0.00016		0.0010	0.00016	mg/L			11/08/18 21:39	1
2,2-Dichloropropane	<0.00031		0.0010	0.00031	mg/L			11/08/18 21:39	1
2-Chlorotoluene	<0.00015		0.0010	0.00015	mg/L			11/08/18 21:39	1
2-Hexanone	<0.00054		0.010	0.00054	mg/L			11/08/18 21:39	1
4-Chlorotoluene	<0.000090		0.0010	0.000090	mg/L			11/08/18 21:39	1
Acetone	<0.0054		0.010	0.0054	mg/L			11/08/18 21:39	1
Benzene	**0.00031**	**J**	0.0010	0.00013	mg/L			11/08/18 21:39	1
Bromobenzene	<0.00012		0.0010	0.00012	mg/L			11/08/18 21:39	1
Bromochloromethane	<0.00014		0.0010	0.00014	mg/L			11/08/18 21:39	1
Bromodichloromethane	<0.00017		0.0010	0.00017	mg/L			11/08/18 21:39	1
Bromoform	<0.00076		0.0010	0.00076	mg/L			11/08/18 21:39	1
Bromomethane	<0.00042		0.0010	0.00042	mg/L			11/08/18 21:39	1
Carbon disulfide	<0.00028		0.0010	0.00028	mg/L			11/08/18 21:39	1
Carbon tetrachloride	<0.00026		0.0010	0.00026	mg/L			11/08/18 21:39	1
Chlorobenzene	<0.00014		0.0010	0.00014	mg/L			11/08/18 21:39	1
Chloroethane	<0.00083		0.0010	0.00083	mg/L			11/08/18 21:39	1
Chloroform	<0.00013		0.0010	0.00013	mg/L			11/08/18 21:39	1
Chloromethane	<0.00020		0.0010	0.00020	mg/L			11/08/18 21:39	1
cis-1,2-Dichloroethene	<0.00016		0.0010	0.00016	mg/L			11/08/18 21:39	1
cis-1,3-Dichloropropene	<0.00061		0.0010	0.00061	mg/L			11/08/18 21:39	1
Dibromochloromethane	<0.00039		0.0010	0.00039	mg/L			11/08/18 21:39	1
Dibromomethane	<0.000090		0.0010	0.000090	mg/L			11/08/18 21:39	1
Dichlorodifluoromethane	<0.00035		0.0010	0.00035	mg/L			11/08/18 21:39	1
Ethylbenzene	<0.00011		0.0010	0.00011	mg/L			11/08/18 21:39	1
Hexachlorobutadiene	<0.00083		0.0010	0.00083	mg/L			11/08/18 21:39	1
Isopropylbenzene	<0.000090		0.0010	0.000090	mg/L			11/08/18 21:39	1
m&p-Xylene	**0.00015**	**J**	0.0020	0.000080	mg/L			11/08/18 21:39	1
Methyl Ethyl Ketone	<0.0012		0.010	0.0012	mg/L			11/08/18 21:39	1
methyl isobutyl ketone	<0.00042		0.010	0.00042	mg/L			11/08/18 21:39	1

Client Sample Results

Client: Central Wire (Techalloy)
Project/Site: Central Wire

TestAmerica Job ID: 500-154217-1

Client Sample ID: GP-35-85'

Date Collected: 10/30/18 08:50
Date Received: 11/02/18 10:00

Lab Sample ID: 500-154217-9
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	<0.000070		0.0010	0.000070	mg/L			11/08/18 21:39	1
Methylene Chloride	<0.0026		0.0050	0.0026	mg/L			11/08/18 21:39	1
Naphthalene	<0.00032		0.0010	0.00032	mg/L			11/08/18 21:39	1
n-Butylbenzene	<0.00014		0.0010	0.00014	mg/L			11/08/18 21:39	1
N-Propylbenzene	<0.00015		0.0010	0.00015	mg/L			11/08/18 21:39	1
o-Xylene	<0.000090		0.0010	0.000090	mg/L			11/08/18 21:39	1
p-Isopropyltoluene	<0.00013		0.0010	0.00013	mg/L			11/08/18 21:39	1
sec-Butylbenzene	<0.00013		0.0010	0.00013	mg/L			11/08/18 21:39	1
Styrene	<0.00010		0.0010	0.00010	mg/L			11/08/18 21:39	1
tert-Butylbenzene	<0.00014		0.0010	0.00014	mg/L			11/08/18 21:39	1
Tetrachloroethene	<0.00015		0.0010	0.00015	mg/L			11/08/18 21:39	1
Toluene	**0.00052**	**J**	0.0010	0.00014	mg/L			11/08/18 21:39	1
trans-1,2-Dichloroethene	<0.00019		0.0010	0.00019	mg/L			11/08/18 21:39	1
trans-1,3-Dichloropropene	<0.00067		0.0010	0.00067	mg/L			11/08/18 21:39	1
Trichloroethene	<0.00010		0.0010	0.00010	mg/L			11/08/18 21:39	1
Trichlorofluoromethane	<0.00045		0.0010	0.00045	mg/L			11/08/18 21:39	1
Vinyl chloride	<0.00020		0.0010	0.00020	mg/L			11/08/18 21:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 121*		*11/08/18 21:39*	*1*
4-Bromofluorobenzene (Surr)	*93*		*59 - 120*		*11/08/18 21:39*	*1*
Toluene-d8 (Surr)	*98*		*70 - 123*		*11/08/18 21:39*	*1*

Client Sample Results

Client: Central Wire (Techalloy)
Project/Site: Central Wire

TestAmerica Job ID: 500-154217-1

Client Sample ID: GP-35-57'

Lab Sample ID: 500-154217-10

Date Collected: 10/30/18 10:15
Date Received: 11/02/18 10:00

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.00014		0.0010	0.00014	mg/L			11/08/18 22:02	1
1,1,1-Trichloroethane	<0.00024		0.0010	0.00024	mg/L			11/08/18 22:02	1
1,1,2,2-Tetrachloroethane	<0.00013		0.0010	0.00013	mg/L			11/08/18 22:02	1
1,1,2-Trichloroethane	<0.000090		0.0010	0.000090	mg/L			11/08/18 22:02	1
1,1-Dichloroethane	<0.00017		0.0010	0.00017	mg/L			11/08/18 22:02	1
1,1-Dichloroethene	<0.00019		0.0010	0.00019	mg/L			11/08/18 22:02	1
1,1-Dichloropropene	<0.00014		0.0010	0.00014	mg/L			11/08/18 22:02	1
1,2,3-Trichlorobenzene	<0.00054		0.0010	0.00054	mg/L			11/08/18 22:02	1
1,2,3-Trichloropropane	<0.00024		0.0010	0.00024	mg/L			11/08/18 22:02	1
1,2,4-Trichlorobenzene	<0.00026		0.0010	0.00026	mg/L			11/08/18 22:02	1
1,2,4-Trimethylbenzene	<0.000070		0.0010	0.000070	mg/L			11/08/18 22:02	1
1,2-Dibromo-3-Chloropropane	<0.00091		0.0020	0.00091	mg/L			11/08/18 22:02	1
1,2-Dibromoethane	<0.00012		0.0010	0.00012	mg/L			11/08/18 22:02	1
1,2-Dichlorobenzene	<0.00015		0.0010	0.00015	mg/L			11/08/18 22:02	1
1,2-Dichloroethane	<0.00021		0.0010	0.00021	mg/L			11/08/18 22:02	1
1,2-Dichloropropane	<0.00015		0.0010	0.00015	mg/L			11/08/18 22:02	1
1,3,5-Trimethylbenzene	<0.00012		0.0010	0.00012	mg/L			11/08/18 22:02	1
1,3-Dichlorobenzene	<0.00015		0.0010	0.00015	mg/L			11/08/18 22:02	1
1,3-Dichloropropane	<0.00021		0.0010	0.00021	mg/L			11/08/18 22:02	1
1,3-Dichloropropene, Total	<0.0013		0.0020	0.0013	mg/L			11/08/18 22:02	1
1,4-Dichlorobenzene	<0.00016		0.0010	0.00016	mg/L			11/08/18 22:02	1
2,2-Dichloropropane	<0.00031		0.0010	0.00031	mg/L			11/08/18 22:02	1
2-Chlorotoluene	<0.00015		0.0010	0.00015	mg/L			11/08/18 22:02	1
2-Hexanone	<0.00054		0.010	0.00054	mg/L			11/08/18 22:02	1
4-Chlorotoluene	<0.000090		0.0010	0.000090	mg/L			11/08/18 22:02	1
Acetone	<0.0054		0.010	0.0054	mg/L			11/08/18 22:02	1
Benzene	**0.00019**	**J**	0.0010	0.00013	mg/L			11/08/18 22:02	1
Bromobenzene	<0.00012		0.0010	0.00012	mg/L			11/08/18 22:02	1
Bromochloromethane	<0.00014		0.0010	0.00014	mg/L			11/08/18 22:02	1
Bromodichloromethane	<0.00017		0.0010	0.00017	mg/L			11/08/18 22:02	1
Bromoform	<0.00076		0.0010	0.00076	mg/L			11/08/18 22:02	1
Bromomethane	<0.00042		0.0010	0.00042	mg/L			11/08/18 22:02	1
Carbon disulfide	**0.00032**	**J**	0.0010	0.00028	mg/L			11/08/18 22:02	1
Carbon tetrachloride	<0.00026		0.0010	0.00026	mg/L			11/08/18 22:02	1
Chlorobenzene	<0.00014		0.0010	0.00014	mg/L			11/08/18 22:02	1
Chloroethane	<0.00083		0.0010	0.00083	mg/L			11/08/18 22:02	1
Chloroform	<0.00013		0.0010	0.00013	mg/L			11/08/18 22:02	1
Chloromethane	<0.00020		0.0010	0.00020	mg/L			11/08/18 22:02	1
cis-1,2-Dichloroethene	<0.00016		0.0010	0.00016	mg/L			11/08/18 22:02	1
cis-1,3-Dichloropropene	<0.00061		0.0010	0.00061	mg/L			11/08/18 22:02	1
Dibromochloromethane	<0.00039		0.0010	0.00039	mg/L			11/08/18 22:02	1
Dibromomethane	<0.000090		0.0010	0.000090	mg/L			11/08/18 22:02	1
Dichlorodifluoromethane	<0.00035		0.0010	0.00035	mg/L			11/08/18 22:02	1
Ethylbenzene	<0.00011		0.0010	0.00011	mg/L			11/08/18 22:02	1
Hexachlorobutadiene	<0.00083		0.0010	0.00083	mg/L			11/08/18 22:02	1
Isopropylbenzene	<0.000090		0.0010	0.000090	mg/L			11/08/18 22:02	1
m&p-Xylene	**0.00013**	**J**	0.0020	0.000080	mg/L			11/08/18 22:02	1
Methyl Ethyl Ketone	<0.0012		0.010	0.0012	mg/L			11/08/18 22:02	1
methyl isobutyl ketone	<0.00042		0.010	0.00042	mg/L			11/08/18 22:02	1

Client Sample Results

Client: Central Wire (Techalloy)
Project/Site: Central Wire

TestAmerica Job ID: 500-154217-1

Client Sample ID: GP-35-57'

Date Collected: 10/30/18 10:15
Date Received: 11/02/18 10:00

Lab Sample ID: 500-154217-10
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	<0.000070		0.0010	0.000070	mg/L			11/08/18 22:02	1
Methylene Chloride	<0.0026		0.0050	0.0026	mg/L			11/08/18 22:02	1
Naphthalene	<0.00032		0.0010	0.00032	mg/L			11/08/18 22:02	1
n-Butylbenzene	<0.00014		0.0010	0.00014	mg/L			11/08/18 22:02	1
N-Propylbenzene	<0.00015		0.0010	0.00015	mg/L			11/08/18 22:02	1
o-Xylene	<0.000090		0.0010	0.000090	mg/L			11/08/18 22:02	1
p-Isopropyltoluene	<0.00013		0.0010	0.00013	mg/L			11/08/18 22:02	1
sec-Butylbenzene	<0.00013		0.0010	0.00013	mg/L			11/08/18 22:02	1
Styrene	<0.00010		0.0010	0.00010	mg/L			11/08/18 22:02	1
tert-Butylbenzene	<0.00014		0.0010	0.00014	mg/L			11/08/18 22:02	1
Tetrachloroethene	<0.00015		0.0010	0.00015	mg/L			11/08/18 22:02	1
Toluene	**0.00033**	**J**	0.0010	0.00014	mg/L			11/08/18 22:02	1
trans-1,2-Dichloroethene	<0.00019		0.0010	0.00019	mg/L			11/08/18 22:02	1
trans-1,3-Dichloropropene	<0.00067		0.0010	0.00067	mg/L			11/08/18 22:02	1
Trichloroethene	<0.00010		0.0010	0.00010	mg/L			11/08/18 22:02	1
Trichlorofluoromethane	<0.00045		0.0010	0.00045	mg/L			11/08/18 22:02	1
Vinyl chloride	<0.00020		0.0010	0.00020	mg/L			11/08/18 22:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 121*		*11/08/18 22:02*	*1*
4-Bromofluorobenzene (Surr)	*95*		*59 - 120*		*11/08/18 22:02*	*1*
Toluene-d8 (Surr)	*99*		*70 - 123*		*11/08/18 22:02*	*1*

Client Sample Results

Client: Central Wire (Techalloy)
Project/Site: Central Wire

TestAmerica Job ID: 500-154217-1

Client Sample ID: GP-35-27'

Lab Sample ID: 500-154217-11
Date Collected: 10/30/18 11:00
Matrix: Water
Date Received: 11/02/18 10:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.00014		0.0010	0.00014	mg/L			11/08/18 22:24	1
1,1,1-Trichloroethane	<0.00024		0.0010	0.00024	mg/L			11/08/18 22:24	1
1,1,2,2-Tetrachloroethane	<0.00013		0.0010	0.00013	mg/L			11/08/18 22:24	1
1,1,2-Trichloroethane	<0.000090		0.0010	0.000090	mg/L			11/08/18 22:24	1
1,1-Dichloroethane	<0.00017		0.0010	0.00017	mg/L			11/08/18 22:24	1
1,1-Dichloroethene	<0.00019		0.0010	0.00019	mg/L			11/08/18 22:24	1
1,1-Dichloropropene	<0.00014		0.0010	0.00014	mg/L			11/08/18 22:24	1
1,2,3-Trichlorobenzene	<0.00054		0.0010	0.00054	mg/L			11/08/18 22:24	1
1,2,3-Trichloropropane	<0.00024		0.0010	0.00024	mg/L			11/08/18 22:24	1
1,2,4-Trichlorobenzene	<0.00026		0.0010	0.00026	mg/L			11/08/18 22:24	1
1,2,4-Trimethylbenzene	<0.000070		0.0010	0.000070	mg/L			11/08/18 22:24	1
1,2-Dibromo-3-Chloropropane	<0.00091		0.0020	0.00091	mg/L			11/08/18 22:24	1
1,2-Dibromoethane	<0.00012		0.0010	0.00012	mg/L			11/08/18 22:24	1
1,2-Dichlorobenzene	<0.00015		0.0010	0.00015	mg/L			11/08/18 22:24	1
1,2-Dichloroethane	<0.00021		0.0010	0.00021	mg/L			11/08/18 22:24	1
1,2-Dichloropropane	<0.00015		0.0010	0.00015	mg/L			11/08/18 22:24	1
1,3,5-Trimethylbenzene	<0.00012		0.0010	0.00012	mg/L			11/08/18 22:24	1
1,3-Dichlorobenzene	<0.00015		0.0010	0.00015	mg/L			11/08/18 22:24	1
1,3-Dichloropropane	<0.00021		0.0010	0.00021	mg/L			11/08/18 22:24	1
1,3-Dichloropropene, Total	<0.0013		0.0020	0.0013	mg/L			11/08/18 22:24	1
1,4-Dichlorobenzene	<0.00016		0.0010	0.00016	mg/L			11/08/18 22:24	1
2,2-Dichloropropane	<0.00031		0.0010	0.00031	mg/L			11/08/18 22:24	1
2-Chlorotoluene	<0.00015		0.0010	0.00015	mg/L			11/08/18 22:24	1
2-Hexanone	<0.00054		0.010	0.00054	mg/L			11/08/18 22:24	1
4-Chlorotoluene	<0.000090		0.0010	0.000090	mg/L			11/08/18 22:24	1
Acetone	<0.0054		0.010	0.0054	mg/L			11/08/18 22:24	1
Benzene	**0.00013**	J	0.0010	0.00013	mg/L			11/08/18 22:24	1
Bromobenzene	<0.00012		0.0010	0.00012	mg/L			11/08/18 22:24	1
Bromochloromethane	<0.00014		0.0010	0.00014	mg/L			11/08/18 22:24	1
Bromodichloromethane	<0.00017		0.0010	0.00017	mg/L			11/08/18 22:24	1
Bromoform	<0.00076		0.0010	0.00076	mg/L			11/08/18 22:24	1
Bromomethane	<0.00042		0.0010	0.00042	mg/L			11/08/18 22:24	1
Carbon disulfide	<0.00028		0.0010	0.00028	mg/L			11/08/18 22:24	1
Carbon tetrachloride	<0.00026		0.0010	0.00026	mg/L			11/08/18 22:24	1
Chlorobenzene	<0.00014		0.0010	0.00014	mg/L			11/08/18 22:24	1
Chloroethane	<0.00083		0.0010	0.00083	mg/L			11/08/18 22:24	1
Chloroform	<0.00013		0.0010	0.00013	mg/L			11/08/18 22:24	1
Chloromethane	<0.00020		0.0010	0.00020	mg/L			11/08/18 22:24	1
cis-1,2-Dichloroethene	**0.00028**	J	0.0010	0.00016	mg/L			11/08/18 22:24	1
cis-1,3-Dichloropropene	<0.00061		0.0010	0.00061	mg/L			11/08/18 22:24	1
Dibromochloromethane	<0.00039		0.0010	0.00039	mg/L			11/08/18 22:24	1
Dibromomethane	<0.000090		0.0010	0.000090	mg/L			11/08/18 22:24	1
Dichlorodifluoromethane	<0.00035		0.0010	0.00035	mg/L			11/08/18 22:24	1
Ethylbenzene	<0.00011		0.0010	0.00011	mg/L			11/08/18 22:24	1
Hexachlorobutadiene	<0.00083		0.0010	0.00083	mg/L			11/08/18 22:24	1
Isopropylbenzene	<0.000090		0.0010	0.000090	mg/L			11/08/18 22:24	1
m&p-Xylene	**0.00012**	J	0.0020	0.000080	mg/L			11/08/18 22:24	1
Methyl Ethyl Ketone	<0.0012		0.010	0.0012	mg/L			11/08/18 22:24	1
methyl isobutyl ketone	<0.00042		0.010	0.00042	mg/L			11/08/18 22:24	1

Client Sample Results

Client: Central Wire (Techalloy)
Project/Site: Central Wire

TestAmerica Job ID: 500-154217-1

Client Sample ID: GP-35-27'

Date Collected: 10/30/18 11:00
Date Received: 11/02/18 10:00

Lab Sample ID: 500-154217-11
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	<0.000070		0.0010	0.000070	mg/L			11/08/18 22:24	1
Methylene Chloride	<0.0026		0.0050	0.0026	mg/L			11/08/18 22:24	1
Naphthalene	<0.00032		0.0010	0.00032	mg/L			11/08/18 22:24	1
n-Butylbenzene	<0.00014		0.0010	0.00014	mg/L			11/08/18 22:24	1
N-Propylbenzene	<0.00015		0.0010	0.00015	mg/L			11/08/18 22:24	1
o-Xylene	<0.000090		0.0010	0.000090	mg/L			11/08/18 22:24	1
p-Isopropyltoluene	<0.00013		0.0010	0.00013	mg/L			11/08/18 22:24	1
sec-Butylbenzene	<0.00013		0.0010	0.00013	mg/L			11/08/18 22:24	1
Styrene	<0.00010		0.0010	0.00010	mg/L			11/08/18 22:24	1
tert-Butylbenzene	<0.00014		0.0010	0.00014	mg/L			11/08/18 22:24	1
Tetrachloroethene	<0.00015		0.0010	0.00015	mg/L			11/08/18 22:24	1
Toluene	**0.00029**	**J**	0.0010	0.00014	mg/L			11/08/18 22:24	1
trans-1,2-Dichloroethene	<0.00019		0.0010	0.00019	mg/L			11/08/18 22:24	1
trans-1,3-Dichloropropene	<0.00067		0.0010	0.00067	mg/L			11/08/18 22:24	1
Trichloroethene	<0.00010		0.0010	0.00010	mg/L			11/08/18 22:24	1
Trichlorofluoromethane	<0.00045		0.0010	0.00045	mg/L			11/08/18 22:24	1
Vinyl chloride	<0.00020		0.0010	0.00020	mg/L			11/08/18 22:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*70 - 121*		*11/08/18 22:24*	*1*
4-Bromofluorobenzene (Surr)	*94*		*59 - 120*		*11/08/18 22:24*	*1*
Toluene-d8 (Surr)	*100*		*70 - 123*		*11/08/18 22:24*	*1*

Client Sample Results

Client: Central Wire (Techalloy)
Project/Site: Central Wire

TestAmerica Job ID: 500-154217-1

Client Sample ID: GP-41-82'

Date Collected: 10/30/18 12:20
Date Received: 11/02/18 10:00

Lab Sample ID: 500-154217-12
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.00014		0.0010	0.00014	mg/L			11/08/18 22:46	1
1,1,1-Trichloroethane	<0.00024		0.0010	0.00024	mg/L			11/08/18 22:46	1
1,1,2,2-Tetrachloroethane	<0.00013		0.0010	0.00013	mg/L			11/08/18 22:46	1
1,1,2-Trichloroethane	<0.000090		0.0010	0.000090	mg/L			11/08/18 22:46	1
1,1-Dichloroethane	<0.00017		0.0010	0.00017	mg/L			11/08/18 22:46	1
1,1-Dichloroethene	<0.00019		0.0010	0.00019	mg/L			11/08/18 22:46	1
1,1-Dichloropropene	<0.00014		0.0010	0.00014	mg/L			11/08/18 22:46	1
1,2,3-Trichlorobenzene	<0.00054		0.0010	0.00054	mg/L			11/08/18 22:46	1
1,2,3-Trichloropropane	<0.00024		0.0010	0.00024	mg/L			11/08/18 22:46	1
1,2,4-Trichlorobenzene	<0.00026		0.0010	0.00026	mg/L			11/08/18 22:46	1
1,2,4-Trimethylbenzene	<0.000070		0.0010	0.000070	mg/L			11/08/18 22:46	1
1,2-Dibromo-3-Chloropropane	<0.00091		0.0020	0.00091	mg/L			11/08/18 22:46	1
1,2-Dibromoethane	<0.00012		0.0010	0.00012	mg/L			11/08/18 22:46	1
1,2-Dichlorobenzene	<0.00015		0.0010	0.00015	mg/L			11/08/18 22:46	1
1,2-Dichloroethane	<0.00021		0.0010	0.00021	mg/L			11/08/18 22:46	1
1,2-Dichloropropane	<0.00015		0.0010	0.00015	mg/L			11/08/18 22:46	1
1,3,5-Trimethylbenzene	<0.00012		0.0010	0.00012	mg/L			11/08/18 22:46	1
1,3-Dichlorobenzene	<0.00015		0.0010	0.00015	mg/L			11/08/18 22:46	1
1,3-Dichloropropane	<0.00021		0.0010	0.00021	mg/L			11/08/18 22:46	1
1,3-Dichloropropene, Total	<0.0013		0.0020	0.0013	mg/L			11/08/18 22:46	1
1,4-Dichlorobenzene	<0.00016		0.0010	0.00016	mg/L			11/08/18 22:46	1
2,2-Dichloropropane	<0.00031		0.0010	0.00031	mg/L			11/08/18 22:46	1
2-Chlorotoluene	<0.00015		0.0010	0.00015	mg/L			11/08/18 22:46	1
2-Hexanone	<0.00054		0.010	0.00054	mg/L			11/08/18 22:46	1
4-Chlorotoluene	<0.000090		0.0010	0.000090	mg/L			11/08/18 22:46	1
Acetone	<0.0054		0.010	0.0054	mg/L			11/08/18 22:46	1
Benzene	**0.00027**	**J**	0.0010	0.00013	mg/L			11/08/18 22:46	1
Bromobenzene	<0.00012		0.0010	0.00012	mg/L			11/08/18 22:46	1
Bromochloromethane	<0.00014		0.0010	0.00014	mg/L			11/08/18 22:46	1
Bromodichloromethane	<0.00017		0.0010	0.00017	mg/L			11/08/18 22:46	1
Bromoform	<0.00076		0.0010	0.00076	mg/L			11/08/18 22:46	1
Bromomethane	<0.00042		0.0010	0.00042	mg/L			11/08/18 22:46	1
Carbon disulfide	<0.00028		0.0010	0.00028	mg/L			11/08/18 22:46	1
Carbon tetrachloride	<0.00026		0.0010	0.00026	mg/L			11/08/18 22:46	1
Chlorobenzene	<0.00014		0.0010	0.00014	mg/L			11/08/18 22:46	1
Chloroethane	<0.00083		0.0010	0.00083	mg/L			11/08/18 22:46	1
Chloroform	<0.00013		0.0010	0.00013	mg/L			11/08/18 22:46	1
Chloromethane	<0.00020		0.0010	0.00020	mg/L			11/08/18 22:46	1
cis-1,2-Dichloroethene	<0.00016		0.0010	0.00016	mg/L			11/08/18 22:46	1
cis-1,3-Dichloropropene	<0.00061		0.0010	0.00061	mg/L			11/08/18 22:46	1
Dibromochloromethane	<0.00039		0.0010	0.00039	mg/L			11/08/18 22:46	1
Dibromomethane	<0.000090		0.0010	0.000090	mg/L			11/08/18 22:46	1
Dichlorodifluoromethane	<0.00035		0.0010	0.00035	mg/L			11/08/18 22:46	1
Ethylbenzene	<0.00011		0.0010	0.00011	mg/L			11/08/18 22:46	1
Hexachlorobutadiene	<0.00083		0.0010	0.00083	mg/L			11/08/18 22:46	1
Isopropylbenzene	<0.000090		0.0010	0.000090	mg/L			11/08/18 22:46	1
m&p-Xylene	<0.000080		0.0020	0.000080	mg/L			11/08/18 22:46	1
Methyl Ethyl Ketone	<0.0012		0.010	0.0012	mg/L			11/08/18 22:46	1
methyl isobutyl ketone	<0.00042		0.010	0.00042	mg/L			11/08/18 22:46	1

Client Sample Results

Client: Central Wire (Techalloy)
Project/Site: Central Wire

TestAmerica Job ID: 500-154217-1

Client Sample ID: GP-41-82'

Date Collected: 10/30/18 12:20
Date Received: 11/02/18 10:00

Lab Sample ID: 500-154217-12
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	<0.000070		0.0010	0.000070	mg/L			11/08/18 22:46	1
Methylene Chloride	<0.0026		0.0050	0.0026	mg/L			11/08/18 22:46	1
Naphthalene	<0.00032		0.0010	0.00032	mg/L			11/08/18 22:46	1
n-Butylbenzene	<0.00014		0.0010	0.00014	mg/L			11/08/18 22:46	1
N-Propylbenzene	<0.00015		0.0010	0.00015	mg/L			11/08/18 22:46	1
o-Xylene	<0.000090		0.0010	0.000090	mg/L			11/08/18 22:46	1
p-Isopropyltoluene	<0.00013		0.0010	0.00013	mg/L			11/08/18 22:46	1
sec-Butylbenzene	<0.00013		0.0010	0.00013	mg/L			11/08/18 22:46	1
Styrene	<0.00010		0.0010	0.00010	mg/L			11/08/18 22:46	1
tert-Butylbenzene	<0.00014		0.0010	0.00014	mg/L			11/08/18 22:46	1
Tetrachloroethene	<0.00015		0.0010	0.00015	mg/L			11/08/18 22:46	1
Toluene	**0.00043**	**J**	0.0010	0.00014	mg/L			11/08/18 22:46	1
trans-1,2-Dichloroethene	<0.00019		0.0010	0.00019	mg/L			11/08/18 22:46	1
trans-1,3-Dichloropropene	<0.00067		0.0010	0.00067	mg/L			11/08/18 22:46	1
Trichloroethene	<0.00010		0.0010	0.00010	mg/L			11/08/18 22:46	1
Trichlorofluoromethane	<0.00045		0.0010	0.00045	mg/L			11/08/18 22:46	1
Vinyl chloride	<0.00020		0.0010	0.00020	mg/L			11/08/18 22:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*70 - 121*		*11/08/18 22:46*	*1*
4-Bromofluorobenzene (Surr)	*97*		*59 - 120*		*11/08/18 22:46*	*1*
Toluene-d8 (Surr)	*100*		*70 - 123*		*11/08/18 22:46*	*1*

Client Sample Results

Client: Central Wire (Techalloy)
Project/Site: Central Wire

TestAmerica Job ID: 500-154217-1

Client Sample ID: Field Blank-Rods

Lab Sample ID: 500-154217-13

Date Collected: 10/30/18 00:00
Date Received: 11/02/18 10:00

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.00014		0.0010	0.00014	mg/L			11/08/18 23:08	1
1,1,1-Trichloroethane	<0.00024		0.0010	0.00024	mg/L			11/08/18 23:08	1
1,1,2,2-Tetrachloroethane	<0.00013		0.0010	0.00013	mg/L			11/08/18 23:08	1
1,1,2-Trichloroethane	<0.000090		0.0010	0.000090	mg/L			11/08/18 23:08	1
1,1-Dichloroethane	<0.00017		0.0010	0.00017	mg/L			11/08/18 23:08	1
1,1-Dichloroethene	<0.00019		0.0010	0.00019	mg/L			11/08/18 23:08	1
1,1-Dichloropropene	<0.00014		0.0010	0.00014	mg/L			11/08/18 23:08	1
1,2,3-Trichlorobenzene	<0.00054		0.0010	0.00054	mg/L			11/08/18 23:08	1
1,2,3-Trichloropropane	<0.00024		0.0010	0.00024	mg/L			11/08/18 23:08	1
1,2,4-Trichlorobenzene	<0.00026		0.0010	0.00026	mg/L			11/08/18 23:08	1
1,2,4-Trimethylbenzene	<0.000070		0.0010	0.000070	mg/L			11/08/18 23:08	1
1,2-Dibromo-3-Chloropropane	<0.00091		0.0020	0.00091	mg/L			11/08/18 23:08	1
1,2-Dibromoethane	<0.00012		0.0010	0.00012	mg/L			11/08/18 23:08	1
1,2-Dichlorobenzene	<0.00015		0.0010	0.00015	mg/L			11/08/18 23:08	1
1,2-Dichloroethane	<0.00021		0.0010	0.00021	mg/L			11/08/18 23:08	1
1,2-Dichloropropane	<0.00015		0.0010	0.00015	mg/L			11/08/18 23:08	1
1,3,5-Trimethylbenzene	<0.00012		0.0010	0.00012	mg/L			11/08/18 23:08	1
1,3-Dichlorobenzene	<0.00015		0.0010	0.00015	mg/L			11/08/18 23:08	1
1,3-Dichloropropane	<0.00021		0.0010	0.00021	mg/L			11/08/18 23:08	1
1,3-Dichloropropene, Total	<0.0013		0.0020	0.0013	mg/L			11/08/18 23:08	1
1,4-Dichlorobenzene	<0.00016		0.0010	0.00016	mg/L			11/08/18 23:08	1
2,2-Dichloropropane	<0.00031		0.0010	0.00031	mg/L			11/08/18 23:08	1
2-Chlorotoluene	<0.00015		0.0010	0.00015	mg/L			11/08/18 23:08	1
2-Hexanone	<0.00054		0.010	0.00054	mg/L			11/08/18 23:08	1
4-Chlorotoluene	<0.000090		0.0010	0.000090	mg/L			11/08/18 23:08	1
Acetone	**0.0091**	**J**	0.010	0.0054	mg/L			11/08/18 23:08	1
Benzene	<0.00013		0.0010	0.00013	mg/L			11/08/18 23:08	1
Bromobenzene	<0.00012		0.0010	0.00012	mg/L			11/08/18 23:08	1
Bromochloromethane	<0.00014		0.0010	0.00014	mg/L			11/08/18 23:08	1
Bromodichloromethane	<0.00017		0.0010	0.00017	mg/L			11/08/18 23:08	1
Bromoform	<0.00076		0.0010	0.00076	mg/L			11/08/18 23:08	1
Bromomethane	<0.00042		0.0010	0.00042	mg/L			11/08/18 23:08	1
Carbon disulfide	<0.00028		0.0010	0.00028	mg/L			11/08/18 23:08	1
Carbon tetrachloride	<0.00026		0.0010	0.00026	mg/L			11/08/18 23:08	1
Chlorobenzene	<0.00014		0.0010	0.00014	mg/L			11/08/18 23:08	1
Chloroethane	<0.00083		0.0010	0.00083	mg/L			11/08/18 23:08	1
Chloroform	<0.00013		0.0010	0.00013	mg/L			11/08/18 23:08	1
Chloromethane	<0.00020		0.0010	0.00020	mg/L			11/08/18 23:08	1
cis-1,2-Dichloroethene	<0.00016		0.0010	0.00016	mg/L			11/08/18 23:08	1
cis-1,3-Dichloropropene	<0.00061		0.0010	0.00061	mg/L			11/08/18 23:08	1
Dibromochloromethane	<0.00039		0.0010	0.00039	mg/L			11/08/18 23:08	1
Dibromomethane	<0.000090		0.0010	0.000090	mg/L			11/08/18 23:08	1
Dichlorodifluoromethane	<0.00035		0.0010	0.00035	mg/L			11/08/18 23:08	1
Ethylbenzene	<0.00011		0.0010	0.00011	mg/L			11/08/18 23:08	1
Hexachlorobutadiene	<0.00083		0.0010	0.00083	mg/L			11/08/18 23:08	1
Isopropylbenzene	<0.000090		0.0010	0.000090	mg/L			11/08/18 23:08	1
m&p-Xylene	<0.000080		0.0020	0.000080	mg/L			11/08/18 23:08	1
Methyl Ethyl Ketone	<0.0012		0.010	0.0012	mg/L			11/08/18 23:08	1
methyl isobutyl ketone	<0.00042		0.010	0.00042	mg/L			11/08/18 23:08	1

Client Sample Results

Client: Central Wire (Techalloy)
Project/Site: Central Wire

TestAmerica Job ID: 500-154217-1

Client Sample ID: Field Blank-Rods

Date Collected: 10/30/18 00:00
Date Received: 11/02/18 10:00

Lab Sample ID: 500-154217-13
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	<0.000070		0.0010	0.000070	mg/L			11/08/18 23:08	1
Methylene Chloride	<0.0026		0.0050	0.0026	mg/L			11/08/18 23:08	1
Naphthalene	<0.00032		0.0010	0.00032	mg/L			11/08/18 23:08	1
n-Butylbenzene	<0.00014		0.0010	0.00014	mg/L			11/08/18 23:08	1
N-Propylbenzene	<0.00015		0.0010	0.00015	mg/L			11/08/18 23:08	1
o-Xylene	<0.000090		0.0010	0.000090	mg/L			11/08/18 23:08	1
p-Isopropyltoluene	<0.00013		0.0010	0.00013	mg/L			11/08/18 23:08	1
sec-Butylbenzene	<0.00013		0.0010	0.00013	mg/L			11/08/18 23:08	1
Styrene	<0.00010		0.0010	0.00010	mg/L			11/08/18 23:08	1
tert-Butylbenzene	<0.00014		0.0010	0.00014	mg/L			11/08/18 23:08	1
Tetrachloroethene	<0.00015		0.0010	0.00015	mg/L			11/08/18 23:08	1
Toluene	<0.00014		0.0010	0.00014	mg/L			11/08/18 23:08	1
trans-1,2-Dichloroethene	<0.00019		0.0010	0.00019	mg/L			11/08/18 23:08	1
trans-1,3-Dichloropropene	<0.00067		0.0010	0.00067	mg/L			11/08/18 23:08	1
Trichloroethene	<0.00010		0.0010	0.00010	mg/L			11/08/18 23:08	1
Trichlorofluoromethane	<0.00045		0.0010	0.00045	mg/L			11/08/18 23:08	1
Vinyl chloride	<0.00020		0.0010	0.00020	mg/L			11/08/18 23:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*70 - 121*		*11/08/18 23:08*	*1*
4-Bromofluorobenzene (Surr)	*94*		*59 - 120*		*11/08/18 23:08*	*1*
Toluene-d8 (Surr)	*99*		*70 - 123*		*11/08/18 23:08*	*1*

Client Sample Results

Client: Central Wire (Techalloy)
Project/Site: Central Wire

TestAmerica Job ID: 500-154217-1

Client Sample ID: GP-41-57'

Lab Sample ID: 500-154217-14

Date Collected: 10/30/18 00:00
Date Received: 11/02/18 10:00

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.00014		0.0010	0.00014	mg/L			11/08/18 23:30	1
1,1,1-Trichloroethane	<0.00024		0.0010	0.00024	mg/L			11/08/18 23:30	1
1,1,2,2-Tetrachloroethane	<0.00013		0.0010	0.00013	mg/L			11/08/18 23:30	1
1,1,2-Trichloroethane	<0.000090		0.0010	0.000090	mg/L			11/08/18 23:30	1
1,1-Dichloroethane	<0.00017		0.0010	0.00017	mg/L			11/08/18 23:30	1
1,1-Dichloroethene	<0.00019		0.0010	0.00019	mg/L			11/08/18 23:30	1
1,1-Dichloropropene	<0.00014		0.0010	0.00014	mg/L			11/08/18 23:30	1
1,2,3-Trichlorobenzene	<0.00054		0.0010	0.00054	mg/L			11/08/18 23:30	1
1,2,3-Trichloropropane	<0.00024		0.0010	0.00024	mg/L			11/08/18 23:30	1
1,2,4-Trichlorobenzene	<0.00026		0.0010	0.00026	mg/L			11/08/18 23:30	1
1,2,4-Trimethylbenzene	<0.000070		0.0010	0.000070	mg/L			11/08/18 23:30	1
1,2-Dibromo-3-Chloropropane	<0.00091		0.0020	0.00091	mg/L			11/08/18 23:30	1
1,2-Dibromoethane	<0.00012		0.0010	0.00012	mg/L			11/08/18 23:30	1
1,2-Dichlorobenzene	<0.00015		0.0010	0.00015	mg/L			11/08/18 23:30	1
1,2-Dichloroethane	<0.00021		0.0010	0.00021	mg/L			11/08/18 23:30	1
1,2-Dichloropropane	<0.00015		0.0010	0.00015	mg/L			11/08/18 23:30	1
1,3,5-Trimethylbenzene	<0.00012		0.0010	0.00012	mg/L			11/08/18 23:30	1
1,3-Dichlorobenzene	<0.00015		0.0010	0.00015	mg/L			11/08/18 23:30	1
1,3-Dichloropropane	<0.00021		0.0010	0.00021	mg/L			11/08/18 23:30	1
1,3-Dichloropropene, Total	<0.0013		0.0020	0.0013	mg/L			11/08/18 23:30	1
1,4-Dichlorobenzene	<0.00016		0.0010	0.00016	mg/L			11/08/18 23:30	1
2,2-Dichloropropane	<0.00031		0.0010	0.00031	mg/L			11/08/18 23:30	1
2-Chlorotoluene	<0.00015		0.0010	0.00015	mg/L			11/08/18 23:30	1
2-Hexanone	<0.00054		0.010	0.00054	mg/L			11/08/18 23:30	1
4-Chlorotoluene	<0.000090		0.0010	0.000090	mg/L			11/08/18 23:30	1
Acetone	<0.0054		0.010	0.0054	mg/L			11/08/18 23:30	1
Benzene	**0.00021**	**J**	0.0010	0.00013	mg/L			11/08/18 23:30	1
Bromobenzene	<0.00012		0.0010	0.00012	mg/L			11/08/18 23:30	1
Bromochloromethane	<0.00014		0.0010	0.00014	mg/L			11/08/18 23:30	1
Bromodichloromethane	<0.00017		0.0010	0.00017	mg/L			11/08/18 23:30	1
Bromoform	<0.00076		0.0010	0.00076	mg/L			11/08/18 23:30	1
Bromomethane	<0.00042		0.0010	0.00042	mg/L			11/08/18 23:30	1
Carbon disulfide	<0.00028		0.0010	0.00028	mg/L			11/08/18 23:30	1
Carbon tetrachloride	<0.00026		0.0010	0.00026	mg/L			11/08/18 23:30	1
Chlorobenzene	<0.00014		0.0010	0.00014	mg/L			11/08/18 23:30	1
Chloroethane	<0.00083		0.0010	0.00083	mg/L			11/08/18 23:30	1
Chloroform	<0.00013		0.0010	0.00013	mg/L			11/08/18 23:30	1
Chloromethane	<0.00020		0.0010	0.00020	mg/L			11/08/18 23:30	1
cis-1,2-Dichloroethene	**0.00022**	**J**	0.0010	0.00016	mg/L			11/08/18 23:30	1
cis-1,3-Dichloropropene	<0.00061		0.0010	0.00061	mg/L			11/08/18 23:30	1
Dibromochloromethane	<0.00039		0.0010	0.00039	mg/L			11/08/18 23:30	1
Dibromomethane	<0.000090		0.0010	0.000090	mg/L			11/08/18 23:30	1
Dichlorodifluoromethane	<0.00035		0.0010	0.00035	mg/L			11/08/18 23:30	1
Ethylbenzene	<0.00011		0.0010	0.00011	mg/L			11/08/18 23:30	1
Hexachlorobutadiene	<0.00083		0.0010	0.00083	mg/L			11/08/18 23:30	1
Isopropylbenzene	<0.000090		0.0010	0.000090	mg/L			11/08/18 23:30	1
m&p-Xylene	**0.00011**	**J**	0.0020	0.000080	mg/L			11/08/18 23:30	1
Methyl Ethyl Ketone	<0.0012		0.010	0.0012	mg/L			11/08/18 23:30	1
methyl isobutyl ketone	<0.00042		0.010	0.00042	mg/L			11/08/18 23:30	1

Client Sample Results

Client: Central Wire (Techalloy)
Project/Site: Central Wire

TestAmerica Job ID: 500-154217-1

Client Sample ID: GP-41-57'

Date Collected: 10/30/18 00:00
Date Received: 11/02/18 10:00

Lab Sample ID: 500-154217-14
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	<0.000070		0.0010	0.000070	mg/L			11/08/18 23:30	1
Methylene Chloride	<0.0026		0.0050	0.0026	mg/L			11/08/18 23:30	1
Naphthalene	<0.00032		0.0010	0.00032	mg/L			11/08/18 23:30	1
n-Butylbenzene	<0.00014		0.0010	0.00014	mg/L			11/08/18 23:30	1
N-Propylbenzene	<0.00015		0.0010	0.00015	mg/L			11/08/18 23:30	1
o-Xylene	<0.000090		0.0010	0.000090	mg/L			11/08/18 23:30	1
p-Isopropyltoluene	<0.00013		0.0010	0.00013	mg/L			11/08/18 23:30	1
sec-Butylbenzene	<0.00013		0.0010	0.00013	mg/L			11/08/18 23:30	1
Styrene	<0.00010		0.0010	0.00010	mg/L			11/08/18 23:30	1
tert-Butylbenzene	<0.00014		0.0010	0.00014	mg/L			11/08/18 23:30	1
Tetrachloroethene	<0.00015		0.0010	0.00015	mg/L			11/08/18 23:30	1
Toluene	**0.00036**	**J**	0.0010	0.00014	mg/L			11/08/18 23:30	1
trans-1,2-Dichloroethene	<0.00019		0.0010	0.00019	mg/L			11/08/18 23:30	1
trans-1,3-Dichloropropene	<0.00067		0.0010	0.00067	mg/L			11/08/18 23:30	1
Trichloroethene	<0.00010		0.0010	0.00010	mg/L			11/08/18 23:30	1
Trichlorofluoromethane	<0.00045		0.0010	0.00045	mg/L			11/08/18 23:30	1
Vinyl chloride	<0.00020		0.0010	0.00020	mg/L			11/08/18 23:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 121*		*11/08/18 23:30*	*1*
4-Bromofluorobenzene (Surr)	*96*		*59 - 120*		*11/08/18 23:30*	*1*
Toluene-d8 (Surr)	*99*		*70 - 123*		*11/08/18 23:30*	*1*

Client Sample Results

Client: Central Wire (Techalloy)
Project/Site: Central Wire

TestAmerica Job ID: 500-154217-1

Client Sample ID: GP-41-27'

Lab Sample ID: 500-154217-15

Date Collected: 10/30/18 14:25
Date Received: 11/02/18 10:00

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.00014		0.0010	0.00014	mg/L			11/08/18 23:53	1
1,1,1-Trichloroethane	<0.00024		0.0010	0.00024	mg/L			11/08/18 23:53	1
1,1,2,2-Tetrachloroethane	<0.00013		0.0010	0.00013	mg/L			11/08/18 23:53	1
1,1,2-Trichloroethane	<0.000090		0.0010	0.000090	mg/L			11/08/18 23:53	1
1,1-Dichloroethane	**0.0014**		0.0010	0.00017	mg/L			11/08/18 23:53	1
1,1-Dichloroethene	**0.0010**		0.0010	0.00019	mg/L			11/08/18 23:53	1
1,1-Dichloropropene	<0.00014		0.0010	0.00014	mg/L			11/08/18 23:53	1
1,2,3-Trichlorobenzene	<0.00054		0.0010	0.00054	mg/L			11/08/18 23:53	1
1,2,3-Trichloropropane	<0.00024		0.0010	0.00024	mg/L			11/08/18 23:53	1
1,2,4-Trichlorobenzene	<0.00026		0.0010	0.00026	mg/L			11/08/18 23:53	1
1,2,4-Trimethylbenzene	<0.000070		0.0010	0.000070	mg/L			11/08/18 23:53	1
1,2-Dibromo-3-Chloropropane	<0.00091		0.0020	0.00091	mg/L			11/08/18 23:53	1
1,2-Dibromoethane	<0.00012		0.0010	0.00012	mg/L			11/08/18 23:53	1
1,2-Dichlorobenzene	<0.00015		0.0010	0.00015	mg/L			11/08/18 23:53	1
1,2-Dichloroethane	<0.00021		0.0010	0.00021	mg/L			11/08/18 23:53	1
1,2-Dichloropropane	<0.00015		0.0010	0.00015	mg/L			11/08/18 23:53	1
1,3,5-Trimethylbenzene	<0.00012		0.0010	0.00012	mg/L			11/08/18 23:53	1
1,3-Dichlorobenzene	<0.00015		0.0010	0.00015	mg/L			11/08/18 23:53	1
1,3-Dichloropropane	<0.00021		0.0010	0.00021	mg/L			11/08/18 23:53	1
1,3-Dichloropropene, Total	<0.0013		0.0020	0.0013	mg/L			11/08/18 23:53	1
1,4-Dichlorobenzene	<0.00016		0.0010	0.00016	mg/L			11/08/18 23:53	1
2,2-Dichloropropane	<0.00031		0.0010	0.00031	mg/L			11/08/18 23:53	1
2-Chlorotoluene	<0.00015		0.0010	0.00015	mg/L			11/08/18 23:53	1
2-Hexanone	<0.00054		0.010	0.00054	mg/L			11/08/18 23:53	1
4-Chlorotoluene	<0.000090		0.0010	0.000090	mg/L			11/08/18 23:53	1
Acetone	<0.0054		0.010	0.0054	mg/L			11/08/18 23:53	1
Benzene	<0.00013		0.0010	0.00013	mg/L			11/08/18 23:53	1
Bromobenzene	<0.00012		0.0010	0.00012	mg/L			11/08/18 23:53	1
Bromochloromethane	<0.00014		0.0010	0.00014	mg/L			11/08/18 23:53	1
Bromodichloromethane	<0.00017		0.0010	0.00017	mg/L			11/08/18 23:53	1
Bromoform	<0.00076		0.0010	0.00076	mg/L			11/08/18 23:53	1
Bromomethane	<0.00042		0.0010	0.00042	mg/L			11/08/18 23:53	1
Carbon disulfide	<0.00028		0.0010	0.00028	mg/L			11/08/18 23:53	1
Carbon tetrachloride	<0.00026		0.0010	0.00026	mg/L			11/08/18 23:53	1
Chlorobenzene	<0.00014		0.0010	0.00014	mg/L			11/08/18 23:53	1
Chloroethane	<0.00083		0.0010	0.00083	mg/L			11/08/18 23:53	1
Chloroform	<0.00013		0.0010	0.00013	mg/L			11/08/18 23:53	1
Chloromethane	<0.00020		0.0010	0.00020	mg/L			11/08/18 23:53	1
cis-1,2-Dichloroethene	**0.0021**		0.0010	0.00016	mg/L			11/08/18 23:53	1
cis-1,3-Dichloropropene	<0.00061		0.0010	0.00061	mg/L			11/08/18 23:53	1
Dibromochloromethane	<0.00039		0.0010	0.00039	mg/L			11/08/18 23:53	1
Dibromomethane	<0.000090		0.0010	0.000090	mg/L			11/08/18 23:53	1
Dichlorodifluoromethane	<0.00035		0.0010	0.00035	mg/L			11/08/18 23:53	1
Ethylbenzene	<0.00011		0.0010	0.00011	mg/L			11/08/18 23:53	1
Hexachlorobutadiene	<0.00083		0.0010	0.00083	mg/L			11/08/18 23:53	1
Isopropylbenzene	<0.000090		0.0010	0.000090	mg/L			11/08/18 23:53	1
m&p-Xylene	<0.000080		0.0020	0.000080	mg/L			11/08/18 23:53	1
Methyl Ethyl Ketone	<0.0012		0.010	0.0012	mg/L			11/08/18 23:53	1
methyl isobutyl ketone	<0.00042		0.010	0.00042	mg/L			11/08/18 23:53	1

Client Sample Results

Client: Central Wire (Techalloy)
Project/Site: Central Wire

TestAmerica Job ID: 500-154217-1

Client Sample ID: GP-41-27'

Date Collected: 10/30/18 14:25
Date Received: 11/02/18 10:00

Lab Sample ID: 500-154217-15
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	<0.000070		0.0010	0.000070	mg/L			11/08/18 23:53	1
Methylene Chloride	<0.0026		0.0050	0.0026	mg/L			11/08/18 23:53	1
Naphthalene	<0.00032		0.0010	0.00032	mg/L			11/08/18 23:53	1
n-Butylbenzene	<0.00014		0.0010	0.00014	mg/L			11/08/18 23:53	1
N-Propylbenzene	<0.00015		0.0010	0.00015	mg/L			11/08/18 23:53	1
o-Xylene	<0.000090		0.0010	0.000090	mg/L			11/08/18 23:53	1
p-Isopropyltoluene	<0.00013		0.0010	0.00013	mg/L			11/08/18 23:53	1
sec-Butylbenzene	<0.00013		0.0010	0.00013	mg/L			11/08/18 23:53	1
Styrene	<0.00010		0.0010	0.00010	mg/L			11/08/18 23:53	1
tert-Butylbenzene	<0.00014		0.0010	0.00014	mg/L			11/08/18 23:53	1
Tetrachloroethene	<0.00015		0.0010	0.00015	mg/L			11/08/18 23:53	1
Toluene	**0.00028**	**J**	0.0010	0.00014	mg/L			11/08/18 23:53	1
trans-1,2-Dichloroethene	**0.00028**	**J**	0.0010	0.00019	mg/L			11/08/18 23:53	1
trans-1,3-Dichloropropene	<0.00067		0.0010	0.00067	mg/L			11/08/18 23:53	1
Trichloroethene	<0.00010		0.0010	0.00010	mg/L			11/08/18 23:53	1
Trichlorofluoromethane	<0.00045		0.0010	0.00045	mg/L			11/08/18 23:53	1
Vinyl chloride	<0.00020		0.0010	0.00020	mg/L			11/08/18 23:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*70 - 121*		*11/08/18 23:53*	*1*
4-Bromofluorobenzene (Surr)	*95*		*59 - 120*		*11/08/18 23:53*	*1*
Toluene-d8 (Surr)	*99*		*70 - 123*		*11/08/18 23:53*	*1*

Client Sample Results

Client: Central Wire (Techalloy)
Project/Site: Central Wire

TestAmerica Job ID: 500-154217-1

Client Sample ID: GP-40-80'

Lab Sample ID: 500-154217-16

Date Collected: 10/30/18 16:15
Date Received: 11/02/18 10:00

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.00014		0.0010	0.00014	mg/L			11/09/18 00:15	1
1,1,1-Trichloroethane	<0.00024		0.0010	0.00024	mg/L			11/09/18 00:15	1
1,1,2,2-Tetrachloroethane	<0.00013		0.0010	0.00013	mg/L			11/09/18 00:15	1
1,1,2-Trichloroethane	<0.000090		0.0010	0.000090	mg/L			11/09/18 00:15	1
1,1-Dichloroethane	**0.00039**	**J**	0.0010	0.00017	mg/L			11/09/18 00:15	1
1,1-Dichloroethene	**0.00021**	**J**	0.0010	0.00019	mg/L			11/09/18 00:15	1
1,1-Dichloropropene	<0.00014		0.0010	0.00014	mg/L			11/09/18 00:15	1
1,2,3-Trichlorobenzene	<0.00054		0.0010	0.00054	mg/L			11/09/18 00:15	1
1,2,3-Trichloropropane	<0.00024		0.0010	0.00024	mg/L			11/09/18 00:15	1
1,2,4-Trichlorobenzene	<0.00026		0.0010	0.00026	mg/L			11/09/18 00:15	1
1,2,4-Trimethylbenzene	<0.000070		0.0010	0.000070	mg/L			11/09/18 00:15	1
1,2-Dibromo-3-Chloropropane	<0.00091		0.0020	0.00091	mg/L			11/09/18 00:15	1
1,2-Dibromoethane	<0.00012		0.0010	0.00012	mg/L			11/09/18 00:15	1
1,2-Dichlorobenzene	<0.00015		0.0010	0.00015	mg/L			11/09/18 00:15	1
1,2-Dichloroethane	<0.00021		0.0010	0.00021	mg/L			11/09/18 00:15	1
1,2-Dichloropropane	<0.00015		0.0010	0.00015	mg/L			11/09/18 00:15	1
1,3,5-Trimethylbenzene	<0.00012		0.0010	0.00012	mg/L			11/09/18 00:15	1
1,3-Dichlorobenzene	<0.00015		0.0010	0.00015	mg/L			11/09/18 00:15	1
1,3-Dichloropropane	<0.00021		0.0010	0.00021	mg/L			11/09/18 00:15	1
1,3-Dichloropropene, Total	<0.0013		0.0020	0.0013	mg/L			11/09/18 00:15	1
1,4-Dichlorobenzene	<0.00016		0.0010	0.00016	mg/L			11/09/18 00:15	1
2,2-Dichloropropane	<0.00031		0.0010	0.00031	mg/L			11/09/18 00:15	1
2-Chlorotoluene	<0.00015		0.0010	0.00015	mg/L			11/09/18 00:15	1
2-Hexanone	<0.00054		0.010	0.00054	mg/L			11/09/18 00:15	1
4-Chlorotoluene	<0.000090		0.0010	0.000090	mg/L			11/09/18 00:15	1
Acetone	<0.0054		0.010	0.0054	mg/L			11/09/18 00:15	1
Benzene	**0.00016**	**J**	0.0010	0.00013	mg/L			11/09/18 00:15	1
Bromobenzene	<0.00012		0.0010	0.00012	mg/L			11/09/18 00:15	1
Bromochloromethane	<0.00014		0.0010	0.00014	mg/L			11/09/18 00:15	1
Bromodichloromethane	<0.00017		0.0010	0.00017	mg/L			11/09/18 00:15	1
Bromoform	<0.00076		0.0010	0.00076	mg/L			11/09/18 00:15	1
Bromomethane	<0.00042		0.0010	0.00042	mg/L			11/09/18 00:15	1
Carbon disulfide	**0.00028**	**J**	0.0010	0.00028	mg/L			11/09/18 00:15	1
Carbon tetrachloride	<0.00026		0.0010	0.00026	mg/L			11/09/18 00:15	1
Chlorobenzene	<0.00014		0.0010	0.00014	mg/L			11/09/18 00:15	1
Chloroethane	<0.00083		0.0010	0.00083	mg/L			11/09/18 00:15	1
Chloroform	<0.00013		0.0010	0.00013	mg/L			11/09/18 00:15	1
Chloromethane	<0.00020		0.0010	0.00020	mg/L			11/09/18 00:15	1
cis-1,2-Dichloroethene	**0.00037**	**J**	0.0010	0.00016	mg/L			11/09/18 00:15	1
cis-1,3-Dichloropropene	<0.00061		0.0010	0.00061	mg/L			11/09/18 00:15	1
Dibromochloromethane	<0.00039		0.0010	0.00039	mg/L			11/09/18 00:15	1
Dibromomethane	<0.000090		0.0010	0.000090	mg/L			11/09/18 00:15	1
Dichlorodifluoromethane	<0.00035		0.0010	0.00035	mg/L			11/09/18 00:15	1
Ethylbenzene	<0.00011		0.0010	0.00011	mg/L			11/09/18 00:15	1
Hexachlorobutadiene	<0.00083		0.0010	0.00083	mg/L			11/09/18 00:15	1
Isopropylbenzene	<0.000090		0.0010	0.000090	mg/L			11/09/18 00:15	1
m&p-Xylene	**0.00013**	**J**	0.0020	0.000080	mg/L			11/09/18 00:15	1
Methyl Ethyl Ketone	<0.0012		0.010	0.0012	mg/L			11/09/18 00:15	1
methyl isobutyl ketone	<0.00042		0.010	0.00042	mg/L			11/09/18 00:15	1

Client Sample Results

Client: Central Wire (Techalloy)
Project/Site: Central Wire

TestAmerica Job ID: 500-154217-1

Client Sample ID: GP-40-80'

Date Collected: 10/30/18 16:15
Date Received: 11/02/18 10:00

Lab Sample ID: 500-154217-16
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	<0.000070		0.0010	0.000070	mg/L			11/09/18 00:15	1
Methylene Chloride	<0.0026		0.0050	0.0026	mg/L			11/09/18 00:15	1
Naphthalene	<0.00032		0.0010	0.00032	mg/L			11/09/18 00:15	1
n-Butylbenzene	<0.00014		0.0010	0.00014	mg/L			11/09/18 00:15	1
N-Propylbenzene	<0.00015		0.0010	0.00015	mg/L			11/09/18 00:15	1
o-Xylene	<0.000090		0.0010	0.000090	mg/L			11/09/18 00:15	1
p-Isopropyltoluene	<0.00013		0.0010	0.00013	mg/L			11/09/18 00:15	1
sec-Butylbenzene	<0.00013		0.0010	0.00013	mg/L			11/09/18 00:15	1
Styrene	<0.00010		0.0010	0.00010	mg/L			11/09/18 00:15	1
tert-Butylbenzene	<0.00014		0.0010	0.00014	mg/L			11/09/18 00:15	1
Tetrachloroethene	<0.00015		0.0010	0.00015	mg/L			11/09/18 00:15	1
Toluene	**0.00036**	**J**	0.0010	0.00014	mg/L			11/09/18 00:15	1
trans-1,2-Dichloroethene	<0.00019		0.0010	0.00019	mg/L			11/09/18 00:15	1
trans-1,3-Dichloropropene	<0.00067		0.0010	0.00067	mg/L			11/09/18 00:15	1
Trichloroethene	<0.00010		0.0010	0.00010	mg/L			11/09/18 00:15	1
Trichlorofluoromethane	<0.00045		0.0010	0.00045	mg/L			11/09/18 00:15	1
Vinyl chloride	<0.00020		0.0010	0.00020	mg/L			11/09/18 00:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*70 - 121*		*11/09/18 00:15*	*1*
4-Bromofluorobenzene (Surr)	*96*		*59 - 120*		*11/09/18 00:15*	*1*
Toluene-d8 (Surr)	*100*		*70 - 123*		*11/09/18 00:15*	*1*

Client Sample Results

Client: Central Wire (Techalloy)
Project/Site: Central Wire

TestAmerica Job ID: 500-154217-1

Client Sample ID: GP-40-57'

Lab Sample ID: 500-154217-17

Date Collected: 10/31/18 08:15
Date Received: 11/02/18 10:00

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.00014		0.0010	0.00014	mg/L			11/09/18 00:38	1
1,1,1-Trichloroethane	<0.00024		0.0010	0.00024	mg/L			11/09/18 00:38	1
1,1,2,2-Tetrachloroethane	<0.00013		0.0010	0.00013	mg/L			11/09/18 00:38	1
1,1,2-Trichloroethane	<0.000090		0.0010	0.000090	mg/L			11/09/18 00:38	1
1,1-Dichloroethane	**0.00022**	**J**	0.0010	0.00017	mg/L			11/09/18 00:38	1
1,1-Dichloroethene	<0.00019		0.0010	0.00019	mg/L			11/09/18 00:38	1
1,1-Dichloropropene	<0.00014		0.0010	0.00014	mg/L			11/09/18 00:38	1
1,2,3-Trichlorobenzene	<0.00054		0.0010	0.00054	mg/L			11/09/18 00:38	1
1,2,3-Trichloropropane	<0.00024		0.0010	0.00024	mg/L			11/09/18 00:38	1
1,2,4-Trichlorobenzene	<0.00026		0.0010	0.00026	mg/L			11/09/18 00:38	1
1,2,4-Trimethylbenzene	<0.000070		0.0010	0.000070	mg/L			11/09/18 00:38	1
1,2-Dibromo-3-Chloropropane	<0.00091		0.0020	0.00091	mg/L			11/09/18 00:38	1
1,2-Dibromoethane	<0.00012		0.0010	0.00012	mg/L			11/09/18 00:38	1
1,2-Dichlorobenzene	<0.00015		0.0010	0.00015	mg/L			11/09/18 00:38	1
1,2-Dichloroethane	<0.00021		0.0010	0.00021	mg/L			11/09/18 00:38	1
1,2-Dichloropropane	<0.00015		0.0010	0.00015	mg/L			11/09/18 00:38	1
1,3,5-Trimethylbenzene	<0.00012		0.0010	0.00012	mg/L			11/09/18 00:38	1
1,3-Dichlorobenzene	<0.00015		0.0010	0.00015	mg/L			11/09/18 00:38	1
1,3-Dichloropropane	<0.00021		0.0010	0.00021	mg/L			11/09/18 00:38	1
1,3-Dichloropropene, Total	<0.0013		0.0020	0.0013	mg/L			11/09/18 00:38	1
1,4-Dichlorobenzene	<0.00016		0.0010	0.00016	mg/L			11/09/18 00:38	1
2,2-Dichloropropane	<0.00031		0.0010	0.00031	mg/L			11/09/18 00:38	1
2-Chlorotoluene	<0.00015		0.0010	0.00015	mg/L			11/09/18 00:38	1
2-Hexanone	<0.00054		0.010	0.00054	mg/L			11/09/18 00:38	1
4-Chlorotoluene	<0.000090		0.0010	0.000090	mg/L			11/09/18 00:38	1
Acetone	<0.0054		0.010	0.0054	mg/L			11/09/18 00:38	1
Benzene	<0.00013		0.0010	0.00013	mg/L			11/09/18 00:38	1
Bromobenzene	<0.00012		0.0010	0.00012	mg/L			11/09/18 00:38	1
Bromochloromethane	<0.00014		0.0010	0.00014	mg/L			11/09/18 00:38	1
Bromodichloromethane	<0.00017		0.0010	0.00017	mg/L			11/09/18 00:38	1
Bromoform	<0.00076		0.0010	0.00076	mg/L			11/09/18 00:38	1
Bromomethane	<0.00042		0.0010	0.00042	mg/L			11/09/18 00:38	1
Carbon disulfide	<0.00028		0.0010	0.00028	mg/L			11/09/18 00:38	1
Carbon tetrachloride	<0.00026		0.0010	0.00026	mg/L			11/09/18 00:38	1
Chlorobenzene	<0.00014		0.0010	0.00014	mg/L			11/09/18 00:38	1
Chloroethane	<0.00083		0.0010	0.00083	mg/L			11/09/18 00:38	1
Chloroform	<0.00013		0.0010	0.00013	mg/L			11/09/18 00:38	1
Chloromethane	<0.00020		0.0010	0.00020	mg/L			11/09/18 00:38	1
cis-1,2-Dichloroethene	**0.00034**	**J**	0.0010	0.00016	mg/L			11/09/18 00:38	1
cis-1,3-Dichloropropene	<0.00061		0.0010	0.00061	mg/L			11/09/18 00:38	1
Dibromochloromethane	<0.00039		0.0010	0.00039	mg/L			11/09/18 00:38	1
Dibromomethane	<0.000090		0.0010	0.000090	mg/L			11/09/18 00:38	1
Dichlorodifluoromethane	<0.00035		0.0010	0.00035	mg/L			11/09/18 00:38	1
Ethylbenzene	<0.00011		0.0010	0.00011	mg/L			11/09/18 00:38	1
Hexachlorobutadiene	<0.00083		0.0010	0.00083	mg/L			11/09/18 00:38	1
Isopropylbenzene	<0.000090		0.0010	0.000090	mg/L			11/09/18 00:38	1
m&p-Xylene	<0.000080		0.0020	0.000080	mg/L			11/09/18 00:38	1
Methyl Ethyl Ketone	<0.0012		0.010	0.0012	mg/L			11/09/18 00:38	1
methyl isobutyl ketone	<0.00042		0.010	0.00042	mg/L			11/09/18 00:38	1

Client Sample Results

Client: Central Wire (Techalloy)
Project/Site: Central Wire

TestAmerica Job ID: 500-154217-1

Client Sample ID: GP-40-57'

Date Collected: 10/31/18 08:15
Date Received: 11/02/18 10:00

Lab Sample ID: 500-154217-17
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	<0.000070		0.0010	0.000070	mg/L			11/09/18 00:38	1
Methylene Chloride	<0.0026		0.0050	0.0026	mg/L			11/09/18 00:38	1
Naphthalene	<0.00032		0.0010	0.00032	mg/L			11/09/18 00:38	1
n-Butylbenzene	<0.00014		0.0010	0.00014	mg/L			11/09/18 00:38	1
N-Propylbenzene	<0.00015		0.0010	0.00015	mg/L			11/09/18 00:38	1
o-Xylene	<0.000090		0.0010	0.000090	mg/L			11/09/18 00:38	1
p-Isopropyltoluene	<0.00013		0.0010	0.00013	mg/L			11/09/18 00:38	1
sec-Butylbenzene	<0.00013		0.0010	0.00013	mg/L			11/09/18 00:38	1
Styrene	<0.00010		0.0010	0.00010	mg/L			11/09/18 00:38	1
tert-Butylbenzene	<0.00014		0.0010	0.00014	mg/L			11/09/18 00:38	1
Tetrachloroethene	<0.00015		0.0010	0.00015	mg/L			11/09/18 00:38	1
Toluene	<0.00014		0.0010	0.00014	mg/L			11/09/18 00:38	1
trans-1,2-Dichloroethene	<0.00019		0.0010	0.00019	mg/L			11/09/18 00:38	1
trans-1,3-Dichloropropene	<0.00067		0.0010	0.00067	mg/L			11/09/18 00:38	1
Trichloroethene	<0.00010		0.0010	0.00010	mg/L			11/09/18 00:38	1
Trichlorofluoromethane	<0.00045		0.0010	0.00045	mg/L			11/09/18 00:38	1
Vinyl chloride	<0.00020		0.0010	0.00020	mg/L			11/09/18 00:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*70 - 121*		*11/09/18 00:38*	*1*
4-Bromofluorobenzene (Surr)	*98*		*59 - 120*		*11/09/18 00:38*	*1*
Toluene-d8 (Surr)	*100*		*70 - 123*		*11/09/18 00:38*	*1*

Client Sample Results

Client: Central Wire (Techalloy)
Project/Site: Central Wire

TestAmerica Job ID: 500-154217-1

Client Sample ID: GP-34-82'

Lab Sample ID: 500-154217-19

Date Collected: 10/31/18 11:15
Date Received: 11/02/18 10:00

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.00014		0.0010	0.00014	mg/L			11/09/18 01:00	1
1,1,1-Trichloroethane	<0.00024		0.0010	0.00024	mg/L			11/09/18 01:00	1
1,1,2,2-Tetrachloroethane	<0.00013		0.0010	0.00013	mg/L			11/09/18 01:00	1
1,1,2-Trichloroethane	<0.000090		0.0010	0.000090	mg/L			11/09/18 01:00	1
1,1-Dichloroethane	**0.00024**	**J**	0.0010	0.00017	mg/L			11/09/18 01:00	1
1,1-Dichloroethene	<0.00019		0.0010	0.00019	mg/L			11/09/18 01:00	1
1,1-Dichloropropene	<0.00014		0.0010	0.00014	mg/L			11/09/18 01:00	1
1,2,3-Trichlorobenzene	<0.00054		0.0010	0.00054	mg/L			11/09/18 01:00	1
1,2,3-Trichloropropane	<0.00024		0.0010	0.00024	mg/L			11/09/18 01:00	1
1,2,4-Trichlorobenzene	<0.00026		0.0010	0.00026	mg/L			11/09/18 01:00	1
1,2,4-Trimethylbenzene	<0.000070		0.0010	0.000070	mg/L			11/09/18 01:00	1
1,2-Dibromo-3-Chloropropane	<0.00091		0.0020	0.00091	mg/L			11/09/18 01:00	1
1,2-Dibromoethane	<0.00012		0.0010	0.00012	mg/L			11/09/18 01:00	1
1,2-Dichlorobenzene	<0.00015		0.0010	0.00015	mg/L			11/09/18 01:00	1
1,2-Dichloroethane	<0.00021		0.0010	0.00021	mg/L			11/09/18 01:00	1
1,2-Dichloropropane	<0.00015		0.0010	0.00015	mg/L			11/09/18 01:00	1
1,3,5-Trimethylbenzene	<0.00012		0.0010	0.00012	mg/L			11/09/18 01:00	1
1,3-Dichlorobenzene	<0.00015		0.0010	0.00015	mg/L			11/09/18 01:00	1
1,3-Dichloropropane	<0.00021		0.0010	0.00021	mg/L			11/09/18 01:00	1
1,3-Dichloropropene, Total	<0.0013		0.0020	0.0013	mg/L			11/09/18 01:00	1
1,4-Dichlorobenzene	<0.00016		0.0010	0.00016	mg/L			11/09/18 01:00	1
2,2-Dichloropropane	<0.00031		0.0010	0.00031	mg/L			11/09/18 01:00	1
2-Chlorotoluene	<0.00015		0.0010	0.00015	mg/L			11/09/18 01:00	1
2-Hexanone	<0.00054		0.010	0.00054	mg/L			11/09/18 01:00	1
4-Chlorotoluene	<0.000090		0.0010	0.000090	mg/L			11/09/18 01:00	1
Acetone	<0.0054		0.010	0.0054	mg/L			11/09/18 01:00	1
Benzene	**0.00013**	**J**	0.0010	0.00013	mg/L			11/09/18 01:00	1
Bromobenzene	<0.00012		0.0010	0.00012	mg/L			11/09/18 01:00	1
Bromochloromethane	<0.00014		0.0010	0.00014	mg/L			11/09/18 01:00	1
Bromodichloromethane	<0.00017		0.0010	0.00017	mg/L			11/09/18 01:00	1
Bromoform	<0.00076		0.0010	0.00076	mg/L			11/09/18 01:00	1
Bromomethane	<0.00042		0.0010	0.00042	mg/L			11/09/18 01:00	1
Carbon disulfide	<0.00028		0.0010	0.00028	mg/L			11/09/18 01:00	1
Carbon tetrachloride	<0.00026		0.0010	0.00026	mg/L			11/09/18 01:00	1
Chlorobenzene	<0.00014		0.0010	0.00014	mg/L			11/09/18 01:00	1
Chloroethane	<0.00083		0.0010	0.00083	mg/L			11/09/18 01:00	1
Chloroform	<0.00013		0.0010	0.00013	mg/L			11/09/18 01:00	1
Chloromethane	<0.00020		0.0010	0.00020	mg/L			11/09/18 01:00	1
cis-1,2-Dichloroethene	**0.00032**	**J**	0.0010	0.00016	mg/L			11/09/18 01:00	1
cis-1,3-Dichloropropene	<0.00061		0.0010	0.00061	mg/L			11/09/18 01:00	1
Dibromochloromethane	<0.00039		0.0010	0.00039	mg/L			11/09/18 01:00	1
Dibromomethane	<0.000090		0.0010	0.000090	mg/L			11/09/18 01:00	1
Dichlorodifluoromethane	<0.00035		0.0010	0.00035	mg/L			11/09/18 01:00	1
Ethylbenzene	<0.00011		0.0010	0.00011	mg/L			11/09/18 01:00	1
Hexachlorobutadiene	<0.00083		0.0010	0.00083	mg/L			11/09/18 01:00	1
Isopropylbenzene	<0.000090		0.0010	0.000090	mg/L			11/09/18 01:00	1
m&p-Xylene	**0.00010**	**J**	0.0020	0.000080	mg/L			11/09/18 01:00	1
Methyl Ethyl Ketone	<0.0012		0.010	0.0012	mg/L			11/09/18 01:00	1
methyl isobutyl ketone	<0.00042		0.010	0.00042	mg/L			11/09/18 01:00	1

Client Sample Results

Client: Central Wire (Techalloy)
Project/Site: Central Wire

TestAmerica Job ID: 500-154217-1

Client Sample ID: GP-34-82'

Date Collected: 10/31/18 11:15
Date Received: 11/02/18 10:00

Lab Sample ID: 500-154217-19
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	<0.000070		0.0010	0.000070	mg/L			11/09/18 01:00	1
Methylene Chloride	<0.0026		0.0050	0.0026	mg/L			11/09/18 01:00	1
Naphthalene	<0.00032		0.0010	0.00032	mg/L			11/09/18 01:00	1
n-Butylbenzene	<0.00014		0.0010	0.00014	mg/L			11/09/18 01:00	1
N-Propylbenzene	<0.00015		0.0010	0.00015	mg/L			11/09/18 01:00	1
o-Xylene	<0.000090		0.0010	0.000090	mg/L			11/09/18 01:00	1
p-Isopropyltoluene	<0.00013		0.0010	0.00013	mg/L			11/09/18 01:00	1
sec-Butylbenzene	<0.00013		0.0010	0.00013	mg/L			11/09/18 01:00	1
Styrene	<0.00010		0.0010	0.00010	mg/L			11/09/18 01:00	1
tert-Butylbenzene	<0.00014		0.0010	0.00014	mg/L			11/09/18 01:00	1
Tetrachloroethene	<0.00015		0.0010	0.00015	mg/L			11/09/18 01:00	1
Toluene	**0.00025**	**J**	0.0010	0.00014	mg/L			11/09/18 01:00	1
trans-1,2-Dichloroethene	<0.00019		0.0010	0.00019	mg/L			11/09/18 01:00	1
trans-1,3-Dichloropropene	<0.00067		0.0010	0.00067	mg/L			11/09/18 01:00	1
Trichloroethene	<0.00010		0.0010	0.00010	mg/L			11/09/18 01:00	1
Trichlorofluoromethane	<0.00045		0.0010	0.00045	mg/L			11/09/18 01:00	1
Vinyl chloride	<0.00020		0.0010	0.00020	mg/L			11/09/18 01:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 121*		*11/09/18 01:00*	*1*
4-Bromofluorobenzene (Surr)	*93*		*59 - 120*		*11/09/18 01:00*	*1*
Toluene-d8 (Surr)	*97*		*70 - 123*		*11/09/18 01:00*	*1*

Client Sample Results

Client: Central Wire (Techalloy)
Project/Site: Central Wire

TestAmerica Job ID: 500-154217-1

Client Sample ID: GP-34-57'

Lab Sample ID: 500-154217-20

Date Collected: 10/31/18 12:05
Date Received: 11/02/18 10:00

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.00014		0.0010	0.00014	mg/L			11/09/18 01:23	1
1,1,1-Trichloroethane	<0.00024		0.0010	0.00024	mg/L			11/09/18 01:23	1
1,1,2,2-Tetrachloroethane	<0.00013		0.0010	0.00013	mg/L			11/09/18 01:23	1
1,1,2-Trichloroethane	<0.000090		0.0010	0.000090	mg/L			11/09/18 01:23	1
1,1-Dichloroethane	**0.00032**	**J**	0.0010	0.00017	mg/L			11/09/18 01:23	1
1,1-Dichloroethene	**0.00030**	**J**	0.0010	0.00019	mg/L			11/09/18 01:23	1
1,1-Dichloropropene	<0.00014		0.0010	0.00014	mg/L			11/09/18 01:23	1
1,2,3-Trichlorobenzene	<0.00054		0.0010	0.00054	mg/L			11/09/18 01:23	1
1,2,3-Trichloropropane	<0.00024		0.0010	0.00024	mg/L			11/09/18 01:23	1
1,2,4-Trichlorobenzene	<0.00026		0.0010	0.00026	mg/L			11/09/18 01:23	1
1,2,4-Trimethylbenzene	<0.000070		0.0010	0.000070	mg/L			11/09/18 01:23	1
1,2-Dibromo-3-Chloropropane	<0.00091		0.0020	0.00091	mg/L			11/09/18 01:23	1
1,2-Dibromoethane	<0.00012		0.0010	0.00012	mg/L			11/09/18 01:23	1
1,2-Dichlorobenzene	<0.00015		0.0010	0.00015	mg/L			11/09/18 01:23	1
1,2-Dichloroethane	<0.00021		0.0010	0.00021	mg/L			11/09/18 01:23	1
1,2-Dichloropropane	<0.00015		0.0010	0.00015	mg/L			11/09/18 01:23	1
1,3,5-Trimethylbenzene	<0.00012		0.0010	0.00012	mg/L			11/09/18 01:23	1
1,3-Dichlorobenzene	<0.00015		0.0010	0.00015	mg/L			11/09/18 01:23	1
1,3-Dichloropropane	<0.00021		0.0010	0.00021	mg/L			11/09/18 01:23	1
1,3-Dichloropropene, Total	<0.0013		0.0020	0.0013	mg/L			11/09/18 01:23	1
1,4-Dichlorobenzene	<0.00016		0.0010	0.00016	mg/L			11/09/18 01:23	1
2,2-Dichloropropane	<0.00031		0.0010	0.00031	mg/L			11/09/18 01:23	1
2-Chlorotoluene	<0.00015		0.0010	0.00015	mg/L			11/09/18 01:23	1
2-Hexanone	<0.00054		0.010	0.00054	mg/L			11/09/18 01:23	1
4-Chlorotoluene	<0.000090		0.0010	0.000090	mg/L			11/09/18 01:23	1
Acetone	<0.0054		0.010	0.0054	mg/L			11/09/18 01:23	1
Benzene	<0.00013		0.0010	0.00013	mg/L			11/09/18 01:23	1
Bromobenzene	<0.00012		0.0010	0.00012	mg/L			11/09/18 01:23	1
Bromochloromethane	<0.00014		0.0010	0.00014	mg/L			11/09/18 01:23	1
Bromodichloromethane	<0.00017		0.0010	0.00017	mg/L			11/09/18 01:23	1
Bromoform	<0.00076		0.0010	0.00076	mg/L			11/09/18 01:23	1
Bromomethane	<0.00042		0.0010	0.00042	mg/L			11/09/18 01:23	1
Carbon disulfide	<0.00028		0.0010	0.00028	mg/L			11/09/18 01:23	1
Carbon tetrachloride	<0.00026		0.0010	0.00026	mg/L			11/09/18 01:23	1
Chlorobenzene	<0.00014		0.0010	0.00014	mg/L			11/09/18 01:23	1
Chloroethane	<0.00083		0.0010	0.00083	mg/L			11/09/18 01:23	1
Chloroform	<0.00013		0.0010	0.00013	mg/L			11/09/18 01:23	1
Chloromethane	<0.00020		0.0010	0.00020	mg/L			11/09/18 01:23	1
cis-1,2-Dichloroethene	**0.00049**	**J**	0.0010	0.00016	mg/L			11/09/18 01:23	1
cis-1,3-Dichloropropene	<0.00061		0.0010	0.00061	mg/L			11/09/18 01:23	1
Dibromochloromethane	<0.00039		0.0010	0.00039	mg/L			11/09/18 01:23	1
Dibromomethane	<0.000090		0.0010	0.000090	mg/L			11/09/18 01:23	1
Dichlorodifluoromethane	<0.00035		0.0010	0.00035	mg/L			11/09/18 01:23	1
Ethylbenzene	<0.00011		0.0010	0.00011	mg/L			11/09/18 01:23	1
Hexachlorobutadiene	<0.00083		0.0010	0.00083	mg/L			11/09/18 01:23	1
Isopropylbenzene	<0.000090		0.0010	0.000090	mg/L			11/09/18 01:23	1
m&p-Xylene	<0.000080		0.0020	0.000080	mg/L			11/09/18 01:23	1
Methyl Ethyl Ketone	<0.0012		0.010	0.0012	mg/L			11/09/18 01:23	1
methyl isobutyl ketone	<0.00042		0.010	0.00042	mg/L			11/09/18 01:23	1

Client Sample Results

Client: Central Wire (Techalloy)
Project/Site: Central Wire

TestAmerica Job ID: 500-154217-1

Client Sample ID: GP-34-57'

Date Collected: 10/31/18 12:05
Date Received: 11/02/18 10:00

Lab Sample ID: 500-154217-20
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	<0.000070		0.0010	0.000070	mg/L			11/09/18 01:23	1
Methylene Chloride	<0.0026		0.0050	0.0026	mg/L			11/09/18 01:23	1
Naphthalene	<0.00032		0.0010	0.00032	mg/L			11/09/18 01:23	1
n-Butylbenzene	<0.00014		0.0010	0.00014	mg/L			11/09/18 01:23	1
N-Propylbenzene	<0.00015		0.0010	0.00015	mg/L			11/09/18 01:23	1
o-Xylene	<0.000090		0.0010	0.000090	mg/L			11/09/18 01:23	1
p-Isopropyltoluene	<0.00013		0.0010	0.00013	mg/L			11/09/18 01:23	1
sec-Butylbenzene	<0.00013		0.0010	0.00013	mg/L			11/09/18 01:23	1
Styrene	<0.00010		0.0010	0.00010	mg/L			11/09/18 01:23	1
tert-Butylbenzene	<0.00014		0.0010	0.00014	mg/L			11/09/18 01:23	1
Tetrachloroethene	<0.00015		0.0010	0.00015	mg/L			11/09/18 01:23	1
Toluene	**0.00017**	**J**	0.0010	0.00014	mg/L			11/09/18 01:23	1
trans-1,2-Dichloroethene	<0.00019		0.0010	0.00019	mg/L			11/09/18 01:23	1
trans-1,3-Dichloropropene	<0.00067		0.0010	0.00067	mg/L			11/09/18 01:23	1
Trichloroethene	<0.00010		0.0010	0.00010	mg/L			11/09/18 01:23	1
Trichlorofluoromethane	<0.00045		0.0010	0.00045	mg/L			11/09/18 01:23	1
Vinyl chloride	<0.00020		0.0010	0.00020	mg/L			11/09/18 01:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*70 - 121*		*11/09/18 01:23*	*1*
4-Bromofluorobenzene (Surr)	*96*		*59 - 120*		*11/09/18 01:23*	*1*
Toluene-d8 (Surr)	*98*		*70 - 123*		*11/09/18 01:23*	*1*

Client Sample Results

Client: Central Wire (Techalloy)
Project/Site: Central Wire

TestAmerica Job ID: 500-154217-1

Client Sample ID: GP-34-27'

Lab Sample ID: 500-154217-21
Date Collected: 10/31/18 12:50
Matrix: Water
Date Received: 11/02/18 10:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.00014		0.0010	0.00014	mg/L			11/09/18 01:45	1
1,1,1-Trichloroethane	<0.00024		0.0010	0.00024	mg/L			11/09/18 01:45	1
1,1,2,2-Tetrachloroethane	<0.00013		0.0010	0.00013	mg/L			11/09/18 01:45	1
1,1,2-Trichloroethane	<0.000090		0.0010	0.000090	mg/L			11/09/18 01:45	1
1,1-Dichloroethane	**0.0014**		0.0010	0.00017	mg/L			11/09/18 01:45	1
1,1-Dichloroethene	**0.0012**		0.0010	0.00019	mg/L			11/09/18 01:45	1
1,1-Dichloropropene	<0.00014		0.0010	0.00014	mg/L			11/09/18 01:45	1
1,2,3-Trichlorobenzene	<0.00054		0.0010	0.00054	mg/L			11/09/18 01:45	1
1,2,3-Trichloropropane	<0.00024		0.0010	0.00024	mg/L			11/09/18 01:45	1
1,2,4-Trichlorobenzene	<0.00026		0.0010	0.00026	mg/L			11/09/18 01:45	1
1,2,4-Trimethylbenzene	<0.000070		0.0010	0.000070	mg/L			11/09/18 01:45	1
1,2-Dibromo-3-Chloropropane	<0.00091		0.0020	0.00091	mg/L			11/09/18 01:45	1
1,2-Dibromoethane	<0.00012		0.0010	0.00012	mg/L			11/09/18 01:45	1
1,2-Dichlorobenzene	<0.00015		0.0010	0.00015	mg/L			11/09/18 01:45	1
1,2-Dichloroethane	**0.00022**	J	0.0010	0.00021	mg/L			11/09/18 01:45	1
1,2-Dichloropropane	<0.00015		0.0010	0.00015	mg/L			11/09/18 01:45	1
1,3,5-Trimethylbenzene	<0.00012		0.0010	0.00012	mg/L			11/09/18 01:45	1
1,3-Dichlorobenzene	<0.00015		0.0010	0.00015	mg/L			11/09/18 01:45	1
1,3-Dichloropropane	<0.00021		0.0010	0.00021	mg/L			11/09/18 01:45	1
1,3-Dichloropropene, Total	<0.0013		0.0020	0.0013	mg/L			11/09/18 01:45	1
1,4-Dichlorobenzene	<0.00016		0.0010	0.00016	mg/L			11/09/18 01:45	1
2,2-Dichloropropane	<0.00031		0.0010	0.00031	mg/L			11/09/18 01:45	1
2-Chlorotoluene	<0.00015		0.0010	0.00015	mg/L			11/09/18 01:45	1
2-Hexanone	<0.00054		0.010	0.00054	mg/L			11/09/18 01:45	1
4-Chlorotoluene	<0.000090		0.0010	0.000090	mg/L			11/09/18 01:45	1
Acetone	<0.0054		0.010	0.0054	mg/L			11/09/18 01:45	1
Benzene	**0.00013**	J	0.0010	0.00013	mg/L			11/09/18 01:45	1
Bromobenzene	<0.00012		0.0010	0.00012	mg/L			11/09/18 01:45	1
Bromochloromethane	<0.00014		0.0010	0.00014	mg/L			11/09/18 01:45	1
Bromodichloromethane	<0.00017		0.0010	0.00017	mg/L			11/09/18 01:45	1
Bromoform	<0.00076		0.0010	0.00076	mg/L			11/09/18 01:45	1
Bromomethane	<0.00042		0.0010	0.00042	mg/L			11/09/18 01:45	1
Carbon disulfide	<0.00028		0.0010	0.00028	mg/L			11/09/18 01:45	1
Carbon tetrachloride	<0.00026		0.0010	0.00026	mg/L			11/09/18 01:45	1
Chlorobenzene	<0.00014		0.0010	0.00014	mg/L			11/09/18 01:45	1
Chloroethane	<0.00083		0.0010	0.00083	mg/L			11/09/18 01:45	1
Chloroform	<0.00013		0.0010	0.00013	mg/L			11/09/18 01:45	1
Chloromethane	<0.00020		0.0010	0.00020	mg/L			11/09/18 01:45	1
cis-1,2-Dichloroethene	**0.0028**		0.0010	0.00016	mg/L			11/09/18 01:45	1
cis-1,3-Dichloropropene	<0.00061		0.0010	0.00061	mg/L			11/09/18 01:45	1
Dibromochloromethane	<0.00039		0.0010	0.00039	mg/L			11/09/18 01:45	1
Dibromomethane	<0.000090		0.0010	0.000090	mg/L			11/09/18 01:45	1
Dichlorodifluoromethane	<0.00035		0.0010	0.00035	mg/L			11/09/18 01:45	1
Ethylbenzene	<0.00011		0.0010	0.00011	mg/L			11/09/18 01:45	1
Hexachlorobutadiene	<0.00083		0.0010	0.00083	mg/L			11/09/18 01:45	1
Isopropylbenzene	<0.000090		0.0010	0.000090	mg/L			11/09/18 01:45	1
m&p-Xylene	<0.000080		0.0020	0.000080	mg/L			11/09/18 01:45	1
Methyl Ethyl Ketone	<0.0012		0.010	0.0012	mg/L			11/09/18 01:45	1
methyl isobutyl ketone	<0.00042		0.010	0.00042	mg/L			11/09/18 01:45	1

Client Sample Results

Client: Central Wire (Techalloy)
Project/Site: Central Wire

TestAmerica Job ID: 500-154217-1

Client Sample ID: GP-34-27'

Date Collected: 10/31/18 12:50
Date Received: 11/02/18 10:00

Lab Sample ID: 500-154217-21
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	<0.000070		0.0010	0.000070	mg/L			11/09/18 01:45	1
Methylene Chloride	<0.0026		0.0050	0.0026	mg/L			11/09/18 01:45	1
Naphthalene	<0.00032		0.0010	0.00032	mg/L			11/09/18 01:45	1
n-Butylbenzene	<0.00014		0.0010	0.00014	mg/L			11/09/18 01:45	1
N-Propylbenzene	<0.00015		0.0010	0.00015	mg/L			11/09/18 01:45	1
o-Xylene	<0.000090		0.0010	0.000090	mg/L			11/09/18 01:45	1
p-Isopropyltoluene	<0.00013		0.0010	0.00013	mg/L			11/09/18 01:45	1
sec-Butylbenzene	<0.00013		0.0010	0.00013	mg/L			11/09/18 01:45	1
Styrene	<0.00010		0.0010	0.00010	mg/L			11/09/18 01:45	1
tert-Butylbenzene	<0.00014		0.0010	0.00014	mg/L			11/09/18 01:45	1
Tetrachloroethene	<0.00015		0.0010	0.00015	mg/L			11/09/18 01:45	1
Toluene	**0.00021**	**J**	0.0010	0.00014	mg/L			11/09/18 01:45	1
trans-1,2-Dichloroethene	**0.00031**	**J**	0.0010	0.00019	mg/L			11/09/18 01:45	1
trans-1,3-Dichloropropene	<0.00067		0.0010	0.00067	mg/L			11/09/18 01:45	1
Trichloroethene	<0.00010		0.0010	0.00010	mg/L			11/09/18 01:45	1
Trichlorofluoromethane	<0.00045		0.0010	0.00045	mg/L			11/09/18 01:45	1
Vinyl chloride	<0.00020		0.0010	0.00020	mg/L			11/09/18 01:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*70 - 121*		*11/09/18 01:45*	*1*
4-Bromofluorobenzene (Surr)	*97*		*59 - 120*		*11/09/18 01:45*	*1*
Toluene-d8 (Surr)	*102*		*70 - 123*		*11/09/18 01:45*	*1*

Client Sample Results

Client: Central Wire (Techalloy)
Project/Site: Central Wire

TestAmerica Job ID: 500-154217-1

Client Sample ID: FB

Lab Sample ID: 500-154217-22

Date Collected: 10/31/18 13:15
Date Received: 11/02/18 10:00

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.00014		0.0010	0.00014	mg/L			11/09/18 02:08	1
1,1,1-Trichloroethane	<0.00024		0.0010	0.00024	mg/L			11/09/18 02:08	1
1,1,2,2-Tetrachloroethane	<0.00013		0.0010	0.00013	mg/L			11/09/18 02:08	1
1,1,2-Trichloroethane	<0.000090		0.0010	0.000090	mg/L			11/09/18 02:08	1
1,1-Dichloroethane	<0.00017		0.0010	0.00017	mg/L			11/09/18 02:08	1
1,1-Dichloroethene	<0.00019		0.0010	0.00019	mg/L			11/09/18 02:08	1
1,1-Dichloropropene	<0.00014		0.0010	0.00014	mg/L			11/09/18 02:08	1
1,2,3-Trichlorobenzene	<0.00054		0.0010	0.00054	mg/L			11/09/18 02:08	1
1,2,3-Trichloropropane	<0.00024		0.0010	0.00024	mg/L			11/09/18 02:08	1
1,2,4-Trichlorobenzene	<0.00026		0.0010	0.00026	mg/L			11/09/18 02:08	1
1,2,4-Trimethylbenzene	<0.000070		0.0010	0.000070	mg/L			11/09/18 02:08	1
1,2-Dibromo-3-Chloropropane	<0.00091		0.0020	0.00091	mg/L			11/09/18 02:08	1
1,2-Dibromoethane	<0.00012		0.0010	0.00012	mg/L			11/09/18 02:08	1
1,2-Dichlorobenzene	<0.00015		0.0010	0.00015	mg/L			11/09/18 02:08	1
1,2-Dichloroethane	<0.00021		0.0010	0.00021	mg/L			11/09/18 02:08	1
1,2-Dichloropropane	<0.00015		0.0010	0.00015	mg/L			11/09/18 02:08	1
1,3,5-Trimethylbenzene	<0.00012		0.0010	0.00012	mg/L			11/09/18 02:08	1
1,3-Dichlorobenzene	<0.00015		0.0010	0.00015	mg/L			11/09/18 02:08	1
1,3-Dichloropropane	<0.00021		0.0010	0.00021	mg/L			11/09/18 02:08	1
1,3-Dichloropropene, Total	<0.0013		0.0020	0.0013	mg/L			11/09/18 02:08	1
1,4-Dichlorobenzene	<0.00016		0.0010	0.00016	mg/L			11/09/18 02:08	1
2,2-Dichloropropane	<0.00031		0.0010	0.00031	mg/L			11/09/18 02:08	1
2-Chlorotoluene	<0.00015		0.0010	0.00015	mg/L			11/09/18 02:08	1
2-Hexanone	<0.00054		0.010	0.00054	mg/L			11/09/18 02:08	1
4-Chlorotoluene	<0.000090		0.0010	0.000090	mg/L			11/09/18 02:08	1
Acetone	<0.0054		0.010	0.0054	mg/L			11/09/18 02:08	1
Benzene	<0.00013		0.0010	0.00013	mg/L			11/09/18 02:08	1
Bromobenzene	<0.00012		0.0010	0.00012	mg/L			11/09/18 02:08	1
Bromochloromethane	<0.00014		0.0010	0.00014	mg/L			11/09/18 02:08	1
Bromodichloromethane	<0.00017		0.0010	0.00017	mg/L			11/09/18 02:08	1
Bromoform	<0.00076		0.0010	0.00076	mg/L			11/09/18 02:08	1
Bromomethane	<0.00042		0.0010	0.00042	mg/L			11/09/18 02:08	1
Carbon disulfide	<0.00028		0.0010	0.00028	mg/L			11/09/18 02:08	1
Carbon tetrachloride	<0.00026		0.0010	0.00026	mg/L			11/09/18 02:08	1
Chlorobenzene	<0.00014		0.0010	0.00014	mg/L			11/09/18 02:08	1
Chloroethane	<0.00083		0.0010	0.00083	mg/L			11/09/18 02:08	1
Chloroform	<0.00013		0.0010	0.00013	mg/L			11/09/18 02:08	1
Chloromethane	<0.00020		0.0010	0.00020	mg/L			11/09/18 02:08	1
cis-1,2-Dichloroethene	<0.00016		0.0010	0.00016	mg/L			11/09/18 02:08	1
cis-1,3-Dichloropropene	<0.00061		0.0010	0.00061	mg/L			11/09/18 02:08	1
Dibromochloromethane	<0.00039		0.0010	0.00039	mg/L			11/09/18 02:08	1
Dibromomethane	<0.000090		0.0010	0.000090	mg/L			11/09/18 02:08	1
Dichlorodifluoromethane	<0.00035		0.0010	0.00035	mg/L			11/09/18 02:08	1
Ethylbenzene	<0.00011		0.0010	0.00011	mg/L			11/09/18 02:08	1
Hexachlorobutadiene	<0.00083		0.0010	0.00083	mg/L			11/09/18 02:08	1
Isopropylbenzene	<0.000090		0.0010	0.000090	mg/L			11/09/18 02:08	1
m&p-Xylene	<0.000080		0.0020	0.000080	mg/L			11/09/18 02:08	1
Methyl Ethyl Ketone	<0.0012		0.010	0.0012	mg/L			11/09/18 02:08	1
methyl isobutyl ketone	<0.00042		0.010	0.00042	mg/L			11/09/18 02:08	1

Client Sample Results

Client: Central Wire (Techalloy)
Project/Site: Central Wire

TestAmerica Job ID: 500-154217-1

Client Sample ID: FB

Lab Sample ID: 500-154217-22

Date Collected: 10/31/18 13:15
Date Received: 11/02/18 10:00

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	<0.000070		0.0010	0.000070	mg/L			11/09/18 02:08	1
Methylene Chloride	<0.0026		0.0050	0.0026	mg/L			11/09/18 02:08	1
Naphthalene	<0.00032		0.0010	0.00032	mg/L			11/09/18 02:08	1
n-Butylbenzene	<0.00014		0.0010	0.00014	mg/L			11/09/18 02:08	1
N-Propylbenzene	<0.00015		0.0010	0.00015	mg/L			11/09/18 02:08	1
o-Xylene	<0.000090		0.0010	0.000090	mg/L			11/09/18 02:08	1
p-Isopropyltoluene	<0.00013		0.0010	0.00013	mg/L			11/09/18 02:08	1
sec-Butylbenzene	<0.00013		0.0010	0.00013	mg/L			11/09/18 02:08	1
Styrene	<0.00010		0.0010	0.00010	mg/L			11/09/18 02:08	1
tert-Butylbenzene	<0.00014		0.0010	0.00014	mg/L			11/09/18 02:08	1
Tetrachloroethene	<0.00015		0.0010	0.00015	mg/L			11/09/18 02:08	1
Toluene	<0.00014		0.0010	0.00014	mg/L			11/09/18 02:08	1
trans-1,2-Dichloroethene	<0.00019		0.0010	0.00019	mg/L			11/09/18 02:08	1
trans-1,3-Dichloropropene	<0.00067		0.0010	0.00067	mg/L			11/09/18 02:08	1
Trichloroethene	<0.00010		0.0010	0.00010	mg/L			11/09/18 02:08	1
Trichlorofluoromethane	<0.00045		0.0010	0.00045	mg/L			11/09/18 02:08	1
Vinyl chloride	<0.00020		0.0010	0.00020	mg/L			11/09/18 02:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*70 - 121*		*11/09/18 02:08*	*1*
4-Bromofluorobenzene (Surr)	*96*		*59 - 120*		*11/09/18 02:08*	*1*
Toluene-d8 (Surr)	*98*		*70 - 123*		*11/09/18 02:08*	*1*

Client Sample Results

Client: Central Wire (Techalloy)
Project/Site: Central Wire

TestAmerica Job ID: 500-154217-1

Client Sample ID: GP-37-85'

Lab Sample ID: 500-154217-23
Matrix: Water

Date Collected: 10/31/18 14:35
Date Received: 11/02/18 10:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.00014		0.0010	0.00014	mg/L			11/09/18 02:30	1
1,1,1-Trichloroethane	<0.00024		0.0010	0.00024	mg/L			11/09/18 02:30	1
1,1,2,2-Tetrachloroethane	<0.00013		0.0010	0.00013	mg/L			11/09/18 02:30	1
1,1,2-Trichloroethane	<0.000090		0.0010	0.000090	mg/L			11/09/18 02:30	1
1,1-Dichloroethane	<0.00017		0.0010	0.00017	mg/L			11/09/18 02:30	1
1,1-Dichloroethene	<0.00019		0.0010	0.00019	mg/L			11/09/18 02:30	1
1,1-Dichloropropene	<0.00014		0.0010	0.00014	mg/L			11/09/18 02:30	1
1,2,3-Trichlorobenzene	<0.00054		0.0010	0.00054	mg/L			11/09/18 02:30	1
1,2,3-Trichloropropane	<0.00024		0.0010	0.00024	mg/L			11/09/18 02:30	1
1,2,4-Trichlorobenzene	<0.00026		0.0010	0.00026	mg/L			11/09/18 02:30	1
1,2,4-Trimethylbenzene	<0.000070		0.0010	0.000070	mg/L			11/09/18 02:30	1
1,2-Dibromo-3-Chloropropane	<0.00091		0.0020	0.00091	mg/L			11/09/18 02:30	1
1,2-Dibromoethane	<0.00012		0.0010	0.00012	mg/L			11/09/18 02:30	1
1,2-Dichlorobenzene	<0.00015		0.0010	0.00015	mg/L			11/09/18 02:30	1
1,2-Dichloroethane	<0.00021		0.0010	0.00021	mg/L			11/09/18 02:30	1
1,2-Dichloropropane	<0.00015		0.0010	0.00015	mg/L			11/09/18 02:30	1
1,3,5-Trimethylbenzene	<0.00012		0.0010	0.00012	mg/L			11/09/18 02:30	1
1,3-Dichlorobenzene	<0.00015		0.0010	0.00015	mg/L			11/09/18 02:30	1
1,3-Dichloropropane	<0.00021		0.0010	0.00021	mg/L			11/09/18 02:30	1
1,3-Dichloropropene, Total	<0.0013		0.0020	0.0013	mg/L			11/09/18 02:30	1
1,4-Dichlorobenzene	<0.00016		0.0010	0.00016	mg/L			11/09/18 02:30	1
2,2-Dichloropropane	<0.00031		0.0010	0.00031	mg/L			11/09/18 02:30	1
2-Chlorotoluene	<0.00015		0.0010	0.00015	mg/L			11/09/18 02:30	1
2-Hexanone	<0.00054		0.010	0.00054	mg/L			11/09/18 02:30	1
4-Chlorotoluene	<0.000090		0.0010	0.000090	mg/L			11/09/18 02:30	1
Acetone	**0.0087**	**J**	0.010	0.0054	mg/L			11/09/18 02:30	1
Benzene	**0.00033**	**J**	0.0010	0.00013	mg/L			11/09/18 02:30	1
Bromobenzene	<0.00012		0.0010	0.00012	mg/L			11/09/18 02:30	1
Bromochloromethane	<0.00014		0.0010	0.00014	mg/L			11/09/18 02:30	1
Bromodichloromethane	<0.00017		0.0010	0.00017	mg/L			11/09/18 02:30	1
Bromoform	<0.00076		0.0010	0.00076	mg/L			11/09/18 02:30	1
Bromomethane	<0.00042		0.0010	0.00042	mg/L			11/09/18 02:30	1
Carbon disulfide	<0.00028		0.0010	0.00028	mg/L			11/09/18 02:30	1
Carbon tetrachloride	<0.00026		0.0010	0.00026	mg/L			11/09/18 02:30	1
Chlorobenzene	<0.00014		0.0010	0.00014	mg/L			11/09/18 02:30	1
Chloroethane	<0.00083		0.0010	0.00083	mg/L			11/09/18 02:30	1
Chloroform	<0.00013		0.0010	0.00013	mg/L			11/09/18 02:30	1
Chloromethane	<0.00020		0.0010	0.00020	mg/L			11/09/18 02:30	1
cis-1,2-Dichloroethene	<0.00016		0.0010	0.00016	mg/L			11/09/18 02:30	1
cis-1,3-Dichloropropene	<0.00061		0.0010	0.00061	mg/L			11/09/18 02:30	1
Dibromochloromethane	<0.00039		0.0010	0.00039	mg/L			11/09/18 02:30	1
Dibromomethane	<0.000090		0.0010	0.000090	mg/L			11/09/18 02:30	1
Dichlorodifluoromethane	<0.00035		0.0010	0.00035	mg/L			11/09/18 02:30	1
Ethylbenzene	<0.00011		0.0010	0.00011	mg/L			11/09/18 02:30	1
Hexachlorobutadiene	<0.00083		0.0010	0.00083	mg/L			11/09/18 02:30	1
Isopropylbenzene	<0.000090		0.0010	0.000090	mg/L			11/09/18 02:30	1
m&p-Xylene	**0.00014**	**J**	0.0020	0.000080	mg/L			11/09/18 02:30	1
Methyl Ethyl Ketone	**0.0015**	**J**	0.010	0.0012	mg/L			11/09/18 02:30	1
methyl isobutyl ketone	<0.00042		0.010	0.00042	mg/L			11/09/18 02:30	1

Client Sample Results

Client: Central Wire (Techalloy)
Project/Site: Central Wire

TestAmerica Job ID: 500-154217-1

Client Sample ID: GP-37-85'

Date Collected: 10/31/18 14:35
Date Received: 11/02/18 10:00

Lab Sample ID: 500-154217-23
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	<0.000070		0.0010	0.000070	mg/L			11/09/18 02:30	1
Methylene Chloride	<0.0026		0.0050	0.0026	mg/L			11/09/18 02:30	1
Naphthalene	<0.00032		0.0010	0.00032	mg/L			11/09/18 02:30	1
n-Butylbenzene	<0.00014		0.0010	0.00014	mg/L			11/09/18 02:30	1
N-Propylbenzene	<0.00015		0.0010	0.00015	mg/L			11/09/18 02:30	1
o-Xylene	<0.000090		0.0010	0.000090	mg/L			11/09/18 02:30	1
p-Isopropyltoluene	<0.00013		0.0010	0.00013	mg/L			11/09/18 02:30	1
sec-Butylbenzene	<0.00013		0.0010	0.00013	mg/L			11/09/18 02:30	1
Styrene	<0.00010		0.0010	0.00010	mg/L			11/09/18 02:30	1
tert-Butylbenzene	<0.00014		0.0010	0.00014	mg/L			11/09/18 02:30	1
Tetrachloroethene	<0.00015		0.0010	0.00015	mg/L			11/09/18 02:30	1
Toluene	**0.00049**	**J**	0.0010	0.00014	mg/L			11/09/18 02:30	1
trans-1,2-Dichloroethene	<0.00019		0.0010	0.00019	mg/L			11/09/18 02:30	1
trans-1,3-Dichloropropene	<0.00067		0.0010	0.00067	mg/L			11/09/18 02:30	1
Trichloroethene	<0.00010		0.0010	0.00010	mg/L			11/09/18 02:30	1
Trichlorofluoromethane	<0.00045		0.0010	0.00045	mg/L			11/09/18 02:30	1
Vinyl chloride	<0.00020		0.0010	0.00020	mg/L			11/09/18 02:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*70 - 121*		*11/09/18 02:30*	*1*
4-Bromofluorobenzene (Surr)	*96*		*59 - 120*		*11/09/18 02:30*	*1*
Toluene-d8 (Surr)	*100*		*70 - 123*		*11/09/18 02:30*	*1*

Client Sample Results

Client: Central Wire (Techalloy)
Project/Site: Central Wire

TestAmerica Job ID: 500-154217-1

Client Sample ID: GP-37-57'

Lab Sample ID: 500-154217-24

Date Collected: 10/31/18 15:15
Date Received: 11/02/18 10:00

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.00014		0.0010	0.00014	mg/L			11/09/18 19:06	1
1,1,1-Trichloroethane	<0.00024		0.0010	0.00024	mg/L			11/09/18 19:06	1
1,1,2,2-Tetrachloroethane	<0.00013		0.0010	0.00013	mg/L			11/09/18 19:06	1
1,1,2-Trichloroethane	<0.000090		0.0010	0.000090	mg/L			11/09/18 19:06	1
1,1-Dichloroethane	<0.00017		0.0010	0.00017	mg/L			11/09/18 19:06	1
1,1-Dichloroethene	<0.00019		0.0010	0.00019	mg/L			11/09/18 19:06	1
1,1-Dichloropropene	<0.00014		0.0010	0.00014	mg/L			11/09/18 19:06	1
1,2,3-Trichlorobenzene	<0.00054		0.0010	0.00054	mg/L			11/09/18 19:06	1
1,2,3-Trichloropropane	<0.00024		0.0010	0.00024	mg/L			11/09/18 19:06	1
1,2,4-Trichlorobenzene	<0.00026		0.0010	0.00026	mg/L			11/09/18 19:06	1
1,2,4-Trimethylbenzene	<0.000070		0.0010	0.000070	mg/L			11/09/18 19:06	1
1,2-Dibromo-3-Chloropropane	<0.00091		0.0020	0.00091	mg/L			11/09/18 19:06	1
1,2-Dibromoethane	<0.00012		0.0010	0.00012	mg/L			11/09/18 19:06	1
1,2-Dichlorobenzene	<0.00015		0.0010	0.00015	mg/L			11/09/18 19:06	1
1,2-Dichloroethane	<0.00021		0.0010	0.00021	mg/L			11/09/18 19:06	1
1,2-Dichloropropane	<0.00015		0.0010	0.00015	mg/L			11/09/18 19:06	1
1,3,5-Trimethylbenzene	<0.00012		0.0010	0.00012	mg/L			11/09/18 19:06	1
1,3-Dichlorobenzene	<0.00015		0.0010	0.00015	mg/L			11/09/18 19:06	1
1,3-Dichloropropane	<0.00021		0.0010	0.00021	mg/L			11/09/18 19:06	1
1,3-Dichloropropene, Total	<0.0013		0.0020	0.0013	mg/L			11/09/18 19:06	1
1,4-Dichlorobenzene	<0.00016		0.0010	0.00016	mg/L			11/09/18 19:06	1
2,2-Dichloropropane	<0.00031		0.0010	0.00031	mg/L			11/09/18 19:06	1
2-Chlorotoluene	<0.00015		0.0010	0.00015	mg/L			11/09/18 19:06	1
2-Hexanone	<0.00054		0.010	0.00054	mg/L			11/09/18 19:06	1
4-Chlorotoluene	<0.000090		0.0010	0.000090	mg/L			11/09/18 19:06	1
Acetone	<0.0054		0.010	0.0054	mg/L			11/09/18 19:06	1
Benzene	<0.00013		0.0010	0.00013	mg/L			11/09/18 19:06	1
Bromobenzene	<0.00012		0.0010	0.00012	mg/L			11/09/18 19:06	1
Bromochloromethane	<0.00014		0.0010	0.00014	mg/L			11/09/18 19:06	1
Bromodichloromethane	<0.00017		0.0010	0.00017	mg/L			11/09/18 19:06	1
Bromoform	<0.00076		0.0010	0.00076	mg/L			11/09/18 19:06	1
Bromomethane	<0.00042		0.0010	0.00042	mg/L			11/09/18 19:06	1
Carbon disulfide	<0.00028		0.0010	0.00028	mg/L			11/09/18 19:06	1
Carbon tetrachloride	<0.00026		0.0010	0.00026	mg/L			11/09/18 19:06	1
Chlorobenzene	<0.00014		0.0010	0.00014	mg/L			11/09/18 19:06	1
Chloroethane	<0.00083		0.0010	0.00083	mg/L			11/09/18 19:06	1
Chloroform	<0.00013		0.0010	0.00013	mg/L			11/09/18 19:06	1
Chloromethane	<0.00020		0.0010	0.00020	mg/L			11/09/18 19:06	1
cis-1,2-Dichloroethene	**0.00029**	**J**	0.0010	0.00016	mg/L			11/09/18 19:06	1
cis-1,3-Dichloropropene	<0.00061		0.0010	0.00061	mg/L			11/09/18 19:06	1
Dibromochloromethane	<0.00039		0.0010	0.00039	mg/L			11/09/18 19:06	1
Dibromomethane	<0.000090		0.0010	0.000090	mg/L			11/09/18 19:06	1
Dichlorodifluoromethane	<0.00035		0.0010	0.00035	mg/L			11/09/18 19:06	1
Ethylbenzene	<0.00011		0.0010	0.00011	mg/L			11/09/18 19:06	1
Hexachlorobutadiene	<0.00083		0.0010	0.00083	mg/L			11/09/18 19:06	1
Isopropylbenzene	<0.000090		0.0010	0.000090	mg/L			11/09/18 19:06	1
m&p-Xylene	<0.000080		0.0020	0.000080	mg/L			11/09/18 19:06	1
Methyl Ethyl Ketone	<0.0012		0.010	0.0012	mg/L			11/09/18 19:06	1
methyl isobutyl ketone	<0.00042		0.010	0.00042	mg/L			11/09/18 19:06	1

Client Sample Results

Client: Central Wire (Techalloy)
Project/Site: Central Wire

TestAmerica Job ID: 500-154217-1

Client Sample ID: GP-37-57'

Date Collected: 10/31/18 15:15
Date Received: 11/02/18 10:00

Lab Sample ID: 500-154217-24
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	<0.000070		0.0010	0.000070	mg/L			11/09/18 19:06	1
Methylene Chloride	<0.0026		0.0050	0.0026	mg/L			11/09/18 19:06	1
Naphthalene	<0.00032		0.0010	0.00032	mg/L			11/09/18 19:06	1
n-Butylbenzene	<0.00014		0.0010	0.00014	mg/L			11/09/18 19:06	1
N-Propylbenzene	<0.00015		0.0010	0.00015	mg/L			11/09/18 19:06	1
o-Xylene	<0.000090		0.0010	0.000090	mg/L			11/09/18 19:06	1
p-Isopropyltoluene	<0.00013		0.0010	0.00013	mg/L			11/09/18 19:06	1
sec-Butylbenzene	<0.00013		0.0010	0.00013	mg/L			11/09/18 19:06	1
Styrene	<0.00010		0.0010	0.00010	mg/L			11/09/18 19:06	1
tert-Butylbenzene	<0.00014		0.0010	0.00014	mg/L			11/09/18 19:06	1
Tetrachloroethene	<0.00015		0.0010	0.00015	mg/L			11/09/18 19:06	1
Toluene	**0.00015**	**J**	0.0010	0.00014	mg/L			11/09/18 19:06	1
trans-1,2-Dichloroethene	<0.00019		0.0010	0.00019	mg/L			11/09/18 19:06	1
trans-1,3-Dichloropropene	<0.00067		0.0010	0.00067	mg/L			11/09/18 19:06	1
Trichloroethene	<0.00010		0.0010	0.00010	mg/L			11/09/18 19:06	1
Trichlorofluoromethane	<0.00045		0.0010	0.00045	mg/L			11/09/18 19:06	1
Vinyl chloride	<0.00020		0.0010	0.00020	mg/L			11/09/18 19:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*70 - 121*		*11/09/18 19:06*	*1*
4-Bromofluorobenzene (Surr)	*96*		*59 - 120*		*11/09/18 19:06*	*1*
Toluene-d8 (Surr)	*101*		*70 - 123*		*11/09/18 19:06*	*1*

Client Sample Results

Client: Central Wire (Techalloy)
Project/Site: Central Wire

TestAmerica Job ID: 500-154217-1

Client Sample ID: Trip Blank-01

Lab Sample ID: 500-154217-25

Date Collected: 10/31/18 00:00
Date Received: 11/02/18 10:00

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.00014		0.0010	0.00014	mg/L			11/09/18 19:29	1
1,1,1-Trichloroethane	<0.00024		0.0010	0.00024	mg/L			11/09/18 19:29	1
1,1,2,2-Tetrachloroethane	<0.00013		0.0010	0.00013	mg/L			11/09/18 19:29	1
1,1,2-Trichloroethane	<0.000090		0.0010	0.000090	mg/L			11/09/18 19:29	1
1,1-Dichloroethane	<0.00017		0.0010	0.00017	mg/L			11/09/18 19:29	1
1,1-Dichloroethene	<0.00019		0.0010	0.00019	mg/L			11/09/18 19:29	1
1,1-Dichloropropene	<0.00014		0.0010	0.00014	mg/L			11/09/18 19:29	1
1,2,3-Trichlorobenzene	<0.00054		0.0010	0.00054	mg/L			11/09/18 19:29	1
1,2,3-Trichloropropane	<0.00024		0.0010	0.00024	mg/L			11/09/18 19:29	1
1,2,4-Trichlorobenzene	<0.00026		0.0010	0.00026	mg/L			11/09/18 19:29	1
1,2,4-Trimethylbenzene	<0.000070		0.0010	0.000070	mg/L			11/09/18 19:29	1
1,2-Dibromo-3-Chloropropane	<0.00091		0.0020	0.00091	mg/L			11/09/18 19:29	1
1,2-Dibromoethane	<0.00012		0.0010	0.00012	mg/L			11/09/18 19:29	1
1,2-Dichlorobenzene	<0.00015		0.0010	0.00015	mg/L			11/09/18 19:29	1
1,2-Dichloroethane	<0.00021		0.0010	0.00021	mg/L			11/09/18 19:29	1
1,2-Dichloropropane	<0.00015		0.0010	0.00015	mg/L			11/09/18 19:29	1
1,3,5-Trimethylbenzene	<0.00012		0.0010	0.00012	mg/L			11/09/18 19:29	1
1,3-Dichlorobenzene	<0.00015		0.0010	0.00015	mg/L			11/09/18 19:29	1
1,3-Dichloropropane	<0.00021		0.0010	0.00021	mg/L			11/09/18 19:29	1
1,3-Dichloropropene, Total	<0.0013		0.0020	0.0013	mg/L			11/09/18 19:29	1
1,4-Dichlorobenzene	<0.00016		0.0010	0.00016	mg/L			11/09/18 19:29	1
2,2-Dichloropropane	<0.00031		0.0010	0.00031	mg/L			11/09/18 19:29	1
2-Chlorotoluene	<0.00015		0.0010	0.00015	mg/L			11/09/18 19:29	1
2-Hexanone	<0.00054		0.010	0.00054	mg/L			11/09/18 19:29	1
4-Chlorotoluene	<0.000090		0.0010	0.000090	mg/L			11/09/18 19:29	1
Acetone	<0.0054		0.010	0.0054	mg/L			11/09/18 19:29	1
Benzene	<0.00013		0.0010	0.00013	mg/L			11/09/18 19:29	1
Bromobenzene	<0.00012		0.0010	0.00012	mg/L			11/09/18 19:29	1
Bromochloromethane	<0.00014		0.0010	0.00014	mg/L			11/09/18 19:29	1
Bromodichloromethane	<0.00017		0.0010	0.00017	mg/L			11/09/18 19:29	1
Bromoform	<0.00076		0.0010	0.00076	mg/L			11/09/18 19:29	1
Bromomethane	<0.00042		0.0010	0.00042	mg/L			11/09/18 19:29	1
Carbon disulfide	<0.00028		0.0010	0.00028	mg/L			11/09/18 19:29	1
Carbon tetrachloride	<0.00026		0.0010	0.00026	mg/L			11/09/18 19:29	1
Chlorobenzene	<0.00014		0.0010	0.00014	mg/L			11/09/18 19:29	1
Chloroethane	<0.00083		0.0010	0.00083	mg/L			11/09/18 19:29	1
Chloroform	<0.00013		0.0010	0.00013	mg/L			11/09/18 19:29	1
Chloromethane	<0.00020		0.0010	0.00020	mg/L			11/09/18 19:29	1
cis-1,2-Dichloroethene	<0.00016		0.0010	0.00016	mg/L			11/09/18 19:29	1
cis-1,3-Dichloropropene	<0.00061		0.0010	0.00061	mg/L			11/09/18 19:29	1
Dibromochloromethane	<0.00039		0.0010	0.00039	mg/L			11/09/18 19:29	1
Dibromomethane	<0.000090		0.0010	0.000090	mg/L			11/09/18 19:29	1
Dichlorodifluoromethane	<0.00035		0.0010	0.00035	mg/L			11/09/18 19:29	1
Ethylbenzene	<0.00011		0.0010	0.00011	mg/L			11/09/18 19:29	1
Hexachlorobutadiene	<0.00083		0.0010	0.00083	mg/L			11/09/18 19:29	1
Isopropylbenzene	<0.000090		0.0010	0.000090	mg/L			11/09/18 19:29	1
m&p-Xylene	<0.000080		0.0020	0.000080	mg/L			11/09/18 19:29	1
Methyl Ethyl Ketone	<0.0012		0.010	0.0012	mg/L			11/09/18 19:29	1
methyl isobutyl ketone	<0.00042		0.010	0.00042	mg/L			11/09/18 19:29	1

Client Sample Results

Client: Central Wire (Techalloy)
Project/Site: Central Wire

TestAmerica Job ID: 500-154217-1

Client Sample ID: Trip Blank-01

Lab Sample ID: 500-154217-25

Date Collected: 10/31/18 00:00
Date Received: 11/02/18 10:00

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	<0.000070		0.0010	0.000070	mg/L			11/09/18 19:29	1
Methylene Chloride	<0.0026		0.0050	0.0026	mg/L			11/09/18 19:29	1
Naphthalene	<0.00032		0.0010	0.00032	mg/L			11/09/18 19:29	1
n-Butylbenzene	<0.00014		0.0010	0.00014	mg/L			11/09/18 19:29	1
N-Propylbenzene	<0.00015		0.0010	0.00015	mg/L			11/09/18 19:29	1
o-Xylene	<0.000090		0.0010	0.000090	mg/L			11/09/18 19:29	1
p-Isopropyltoluene	<0.00013		0.0010	0.00013	mg/L			11/09/18 19:29	1
sec-Butylbenzene	<0.00013		0.0010	0.00013	mg/L			11/09/18 19:29	1
Styrene	<0.00010		0.0010	0.00010	mg/L			11/09/18 19:29	1
tert-Butylbenzene	<0.00014		0.0010	0.00014	mg/L			11/09/18 19:29	1
Tetrachloroethene	<0.00015		0.0010	0.00015	mg/L			11/09/18 19:29	1
Toluene	<0.00014		0.0010	0.00014	mg/L			11/09/18 19:29	1
trans-1,2-Dichloroethene	<0.00019		0.0010	0.00019	mg/L			11/09/18 19:29	1
trans-1,3-Dichloropropene	<0.00067		0.0010	0.00067	mg/L			11/09/18 19:29	1
Trichloroethene	<0.00010		0.0010	0.00010	mg/L			11/09/18 19:29	1
Trichlorofluoromethane	<0.00045		0.0010	0.00045	mg/L			11/09/18 19:29	1
Vinyl chloride	<0.00020		0.0010	0.00020	mg/L			11/09/18 19:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 121*		*11/09/18 19:29*	*1*
4-Bromofluorobenzene (Surr)	*95*		*59 - 120*		*11/09/18 19:29*	*1*
Toluene-d8 (Surr)	*99*		*70 - 123*		*11/09/18 19:29*	*1*

Client Sample Results

Client: Central Wire (Techalloy)
Project/Site: Central Wire

TestAmerica Job ID: 500-154217-1

Client Sample ID: Trip Blank-02

Lab Sample ID: 500-154217-26

Date Collected: 10/31/18 00:00
Date Received: 11/02/18 10:00

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.00014		0.0010	0.00014	mg/L			11/09/18 19:51	1
1,1,1-Trichloroethane	<0.00024		0.0010	0.00024	mg/L			11/09/18 19:51	1
1,1,2,2-Tetrachloroethane	<0.00013		0.0010	0.00013	mg/L			11/09/18 19:51	1
1,1,2-Trichloroethane	<0.000090		0.0010	0.000090	mg/L			11/09/18 19:51	1
1,1-Dichloroethane	<0.00017		0.0010	0.00017	mg/L			11/09/18 19:51	1
1,1-Dichloroethene	<0.00019		0.0010	0.00019	mg/L			11/09/18 19:51	1
1,1-Dichloropropene	<0.00014		0.0010	0.00014	mg/L			11/09/18 19:51	1
1,2,3-Trichlorobenzene	<0.00054		0.0010	0.00054	mg/L			11/09/18 19:51	1
1,2,3-Trichloropropane	<0.00024		0.0010	0.00024	mg/L			11/09/18 19:51	1
1,2,4-Trichlorobenzene	<0.00026		0.0010	0.00026	mg/L			11/09/18 19:51	1
1,2,4-Trimethylbenzene	<0.000070		0.0010	0.000070	mg/L			11/09/18 19:51	1
1,2-Dibromo-3-Chloropropane	<0.00091		0.0020	0.00091	mg/L			11/09/18 19:51	1
1,2-Dibromoethane	<0.00012		0.0010	0.00012	mg/L			11/09/18 19:51	1
1,2-Dichlorobenzene	<0.00015		0.0010	0.00015	mg/L			11/09/18 19:51	1
1,2-Dichloroethane	<0.00021		0.0010	0.00021	mg/L			11/09/18 19:51	1
1,2-Dichloropropane	<0.00015		0.0010	0.00015	mg/L			11/09/18 19:51	1
1,3,5-Trimethylbenzene	<0.00012		0.0010	0.00012	mg/L			11/09/18 19:51	1
1,3-Dichlorobenzene	<0.00015		0.0010	0.00015	mg/L			11/09/18 19:51	1
1,3-Dichloropropane	<0.00021		0.0010	0.00021	mg/L			11/09/18 19:51	1
1,3-Dichloropropene, Total	<0.0013		0.0020	0.0013	mg/L			11/09/18 19:51	1
1,4-Dichlorobenzene	<0.00016		0.0010	0.00016	mg/L			11/09/18 19:51	1
2,2-Dichloropropane	<0.00031		0.0010	0.00031	mg/L			11/09/18 19:51	1
2-Chlorotoluene	<0.00015		0.0010	0.00015	mg/L			11/09/18 19:51	1
2-Hexanone	<0.00054		0.010	0.00054	mg/L			11/09/18 19:51	1
4-Chlorotoluene	<0.000090		0.0010	0.000090	mg/L			11/09/18 19:51	1
Acetone	<0.0054		0.010	0.0054	mg/L			11/09/18 19:51	1
Benzene	<0.00013		0.0010	0.00013	mg/L			11/09/18 19:51	1
Bromobenzene	<0.00012		0.0010	0.00012	mg/L			11/09/18 19:51	1
Bromochloromethane	<0.00014		0.0010	0.00014	mg/L			11/09/18 19:51	1
Bromodichloromethane	<0.00017		0.0010	0.00017	mg/L			11/09/18 19:51	1
Bromoform	<0.00076		0.0010	0.00076	mg/L			11/09/18 19:51	1
Bromomethane	<0.00042		0.0010	0.00042	mg/L			11/09/18 19:51	1
Carbon disulfide	<0.00028		0.0010	0.00028	mg/L			11/09/18 19:51	1
Carbon tetrachloride	<0.00026		0.0010	0.00026	mg/L			11/09/18 19:51	1
Chlorobenzene	<0.00014		0.0010	0.00014	mg/L			11/09/18 19:51	1
Chloroethane	<0.00083		0.0010	0.00083	mg/L			11/09/18 19:51	1
Chloroform	<0.00013		0.0010	0.00013	mg/L			11/09/18 19:51	1
Chloromethane	<0.00020		0.0010	0.00020	mg/L			11/09/18 19:51	1
cis-1,2-Dichloroethene	<0.00016		0.0010	0.00016	mg/L			11/09/18 19:51	1
cis-1,3-Dichloropropene	<0.00061		0.0010	0.00061	mg/L			11/09/18 19:51	1
Dibromochloromethane	<0.00039		0.0010	0.00039	mg/L			11/09/18 19:51	1
Dibromomethane	<0.000090		0.0010	0.000090	mg/L			11/09/18 19:51	1
Dichlorodifluoromethane	<0.00035		0.0010	0.00035	mg/L			11/09/18 19:51	1
Ethylbenzene	<0.00011		0.0010	0.00011	mg/L			11/09/18 19:51	1
Hexachlorobutadiene	<0.00083		0.0010	0.00083	mg/L			11/09/18 19:51	1
Isopropylbenzene	<0.000090		0.0010	0.000090	mg/L			11/09/18 19:51	1
m&p-Xylene	<0.000080		0.0020	0.000080	mg/L			11/09/18 19:51	1
Methyl Ethyl Ketone	<0.0012		0.010	0.0012	mg/L			11/09/18 19:51	1
methyl isobutyl ketone	<0.00042		0.010	0.00042	mg/L			11/09/18 19:51	1

Client Sample Results

Client: Central Wire (Techalloy)
Project/Site: Central Wire

TestAmerica Job ID: 500-154217-1

Client Sample ID: Trip Blank-02

Date Collected: 10/31/18 00:00
Date Received: 11/02/18 10:00

Lab Sample ID: 500-154217-26
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	<0.000070		0.0010	0.000070	mg/L			11/09/18 19:51	1
Methylene Chloride	<0.0026		0.0050	0.0026	mg/L			11/09/18 19:51	1
Naphthalene	<0.00032		0.0010	0.00032	mg/L			11/09/18 19:51	1
n-Butylbenzene	<0.00014		0.0010	0.00014	mg/L			11/09/18 19:51	1
N-Propylbenzene	<0.00015		0.0010	0.00015	mg/L			11/09/18 19:51	1
o-Xylene	<0.000090		0.0010	0.000090	mg/L			11/09/18 19:51	1
p-Isopropyltoluene	<0.00013		0.0010	0.00013	mg/L			11/09/18 19:51	1
sec-Butylbenzene	<0.00013		0.0010	0.00013	mg/L			11/09/18 19:51	1
Styrene	<0.00010		0.0010	0.00010	mg/L			11/09/18 19:51	1
tert-Butylbenzene	<0.00014		0.0010	0.00014	mg/L			11/09/18 19:51	1
Tetrachloroethene	<0.00015		0.0010	0.00015	mg/L			11/09/18 19:51	1
Toluene	<0.00014		0.0010	0.00014	mg/L			11/09/18 19:51	1
trans-1,2-Dichloroethene	<0.00019		0.0010	0.00019	mg/L			11/09/18 19:51	1
trans-1,3-Dichloropropene	<0.00067		0.0010	0.00067	mg/L			11/09/18 19:51	1
Trichloroethene	<0.00010		0.0010	0.00010	mg/L			11/09/18 19:51	1
Trichlorofluoromethane	<0.00045		0.0010	0.00045	mg/L			11/09/18 19:51	1
Vinyl chloride	<0.00020		0.0010	0.00020	mg/L			11/09/18 19:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 121*		*11/09/18 19:51*	*1*
4-Bromofluorobenzene (Surr)	*94*		*59 - 120*		*11/09/18 19:51*	*1*
Toluene-d8 (Surr)	*97*		*70 - 123*		*11/09/18 19:51*	*1*

Definitions/Glossary

Client: Central Wire (Techalloy)
Project/Site: Central Wire

TestAmerica Job ID: 500-154217-1

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.
B	Compound was found in the blank and sample.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
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 (Radiochemistry)
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: Central Wire (Techalloy)
Project/Site: Central Wire

TestAmerica Job ID: 500-154217-1

GC/MS VOA

Analysis Batch: 354226

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-154217-1	GP-36 83'	Total/NA	Water	8260C	
500-154217-2	GP-36 57'	Total/NA	Water	8260C	
500-154217-3	GP-36 27'	Total/NA	Water	8260C	
500-154217-4	GP-39 80'	Total/NA	Water	8260C	
MB 240-354226/6	Method Blank	Total/NA	Water	8260C	
LCS 240-354226/4	Lab Control Sample	Total/NA	Water	8260C	

Analysis Batch: 354438

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-154217-5	GP-39 57'	Total/NA	Water	8260C	
500-154217-6	GP-39 27'	Total/NA	Water	8260C	
500-154217-7	FB Pump	Total/NA	Water	8260C	
500-154217-8	FB Rods	Total/NA	Water	8260C	
500-154217-9	GP-35-85'	Total/NA	Water	8260C	
500-154217-10	GP-35-57'	Total/NA	Water	8260C	
500-154217-11	GP-35-27'	Total/NA	Water	8260C	
500-154217-12	GP-41-82'	Total/NA	Water	8260C	
500-154217-13	Field Blank-Rods	Total/NA	Water	8260C	
500-154217-14	GP-41-57'	Total/NA	Water	8260C	
500-154217-15	GP-41-27'	Total/NA	Water	8260C	
500-154217-16	GP-40-80'	Total/NA	Water	8260C	
500-154217-17	GP-40-57'	Total/NA	Water	8260C	
500-154217-19	GP-34-82'	Total/NA	Water	8260C	
500-154217-20	GP-34-57'	Total/NA	Water	8260C	
500-154217-21	GP-34-27'	Total/NA	Water	8260C	
500-154217-22	FB	Total/NA	Water	8260C	
500-154217-23	GP-37-85'	Total/NA	Water	8260C	
MB 240-354438/6	Method Blank	Total/NA	Water	8260C	
LCS 240-354438/4	Lab Control Sample	Total/NA	Water	8260C	

Analysis Batch: 354646

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-154217-24	GP-37-57'	Total/NA	Water	8260C	
500-154217-25	Trip Blank-01	Total/NA	Water	8260C	
500-154217-26	Trip Blank-02	Total/NA	Water	8260C	
MB 240-354646/7	Method Blank	Total/NA	Water	8260C	
LCS 240-354646/4	Lab Control Sample	Total/NA	Water	8260C	

Surrogate Summary

Client: Central Wire (Techalloy)
Project/Site: Central Wire

TestAmerica Job ID: 500-154217-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)		
		DCA	BFB	TOL
Lab Sample ID	Client Sample ID	(70-121)	(59-120)	(70-123)
500-154217-1	GP-36 83'	102	98	100
500-154217-2	GP-36 57'	102	97	100
500-154217-3	GP-36 27'	103	95	100
500-154217-4	GP-39 80'	104	97	101
500-154217-5	GP-39 57'	102	96	99
500-154217-6	GP-39 27'	102	95	99
500-154217-7	FB Pump	106	97	101
500-154217-8	FB Rods	100	95	99
500-154217-9	GP-35-85'	102	93	98
500-154217-10	GP-35-57'	102	95	99
500-154217-11	GP-35-27'	103	94	100
500-154217-12	GP-41-82'	104	97	100
500-154217-13	Field Blank-Rods	105	94	99
500-154217-14	GP-41-57'	102	96	99
500-154217-15	GP-41-27'	104	95	99
500-154217-16	GP-40-80'	105	96	100
500-154217-17	GP-40-57'	103	98	100
500-154217-19	GP-34-82'	101	93	97
500-154217-20	GP-34-57'	103	96	98
500-154217-21	GP-34-27'	107	97	102
500-154217-22	FB	103	96	98
500-154217-23	GP-37-85'	104	96	100
500-154217-24	GP-37-57'	104	96	101
500-154217-25	Trip Blank-01	102	95	99
500-154217-26	Trip Blank-02	102	94	97
LCS 240-354226/4	Lab Control Sample	98	100	102
LCS 240-354438/4	Lab Control Sample	100	103	100
LCS 240-354646/4	Lab Control Sample	97	100	100
MB 240-354226/6	Method Blank	102	98	99
MB 240-354438/6	Method Blank	100	95	101
MB 240-354646/7	Method Blank	101	95	99

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)

QC Sample Results

Client: Central Wire (Techalloy)
Project/Site: Central Wire

TestAmerica Job ID: 500-154217-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 240-354226/6
Matrix: Water
Analysis Batch: 354226

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.00014		0.0010	0.00014	mg/L			11/07/18 17:43	1
1,1,1-Trichloroethane	<0.00024		0.0010	0.00024	mg/L			11/07/18 17:43	1
1,1,2,2-Tetrachloroethane	<0.00013		0.0010	0.00013	mg/L			11/07/18 17:43	1
1,1,2-Trichloroethane	<0.000090		0.0010	0.000090	mg/L			11/07/18 17:43	1
1,1-Dichloroethane	<0.00017		0.0010	0.00017	mg/L			11/07/18 17:43	1
1,1-Dichloroethene	<0.00019		0.0010	0.00019	mg/L			11/07/18 17:43	1
1,1-Dichloropropene	<0.00014		0.0010	0.00014	mg/L			11/07/18 17:43	1
1,2,3-Trichlorobenzene	<0.00054		0.0010	0.00054	mg/L			11/07/18 17:43	1
1,2,3-Trichloropropane	<0.00024		0.0010	0.00024	mg/L			11/07/18 17:43	1
1,2,4-Trichlorobenzene	<0.00026		0.0010	0.00026	mg/L			11/07/18 17:43	1
1,2,4-Trimethylbenzene	<0.000070		0.0010	0.000070	mg/L			11/07/18 17:43	1
1,2-Dibromo-3-Chloropropane	<0.00091		0.0020	0.00091	mg/L			11/07/18 17:43	1
1,2-Dibromoethane	<0.00012		0.0010	0.00012	mg/L			11/07/18 17:43	1
1,2-Dichlorobenzene	<0.00015		0.0010	0.00015	mg/L			11/07/18 17:43	1
1,2-Dichloroethane	<0.00021		0.0010	0.00021	mg/L			11/07/18 17:43	1
1,2-Dichloropropane	<0.00015		0.0010	0.00015	mg/L			11/07/18 17:43	1
1,3,5-Trimethylbenzene	<0.00012		0.0010	0.00012	mg/L			11/07/18 17:43	1
1,3-Dichlorobenzene	<0.00015		0.0010	0.00015	mg/L			11/07/18 17:43	1
1,3-Dichloropropane	<0.00021		0.0010	0.00021	mg/L			11/07/18 17:43	1
1,3-Dichloropropene, Total	<0.0013		0.0020	0.0013	mg/L			11/07/18 17:43	1
1,4-Dichlorobenzene	<0.00016		0.0010	0.00016	mg/L			11/07/18 17:43	1
2,2-Dichloropropane	<0.00031		0.0010	0.00031	mg/L			11/07/18 17:43	1
2-Chlorotoluene	<0.00015		0.0010	0.00015	mg/L			11/07/18 17:43	1
2-Hexanone	<0.00054		0.010	0.00054	mg/L			11/07/18 17:43	1
4-Chlorotoluene	<0.000090		0.0010	0.000090	mg/L			11/07/18 17:43	1
Acetone	<0.0054		0.010	0.0054	mg/L			11/07/18 17:43	1
Benzene	<0.00013		0.0010	0.00013	mg/L			11/07/18 17:43	1
Bromobenzene	<0.00012		0.0010	0.00012	mg/L			11/07/18 17:43	1
Bromochloromethane	<0.00014		0.0010	0.00014	mg/L			11/07/18 17:43	1
Bromodichloromethane	<0.00017		0.0010	0.00017	mg/L			11/07/18 17:43	1
Bromoform	<0.00076		0.0010	0.00076	mg/L			11/07/18 17:43	1
Bromomethane	<0.00042		0.0010	0.00042	mg/L			11/07/18 17:43	1
Carbon disulfide	<0.00028		0.0010	0.00028	mg/L			11/07/18 17:43	1
Carbon tetrachloride	<0.00026		0.0010	0.00026	mg/L			11/07/18 17:43	1
Chlorobenzene	<0.00014		0.0010	0.00014	mg/L			11/07/18 17:43	1
Chloroethane	<0.00083		0.0010	0.00083	mg/L			11/07/18 17:43	1
Chloroform	<0.00013		0.0010	0.00013	mg/L			11/07/18 17:43	1
Chloromethane	<0.00020		0.0010	0.00020	mg/L			11/07/18 17:43	1
cis-1,2-Dichloroethene	<0.00016		0.0010	0.00016	mg/L			11/07/18 17:43	1
cis-1,3-Dichloropropene	<0.00061		0.0010	0.00061	mg/L			11/07/18 17:43	1
Dibromochloromethane	<0.00039		0.0010	0.00039	mg/L			11/07/18 17:43	1
Dibromomethane	<0.000090		0.0010	0.000090	mg/L			11/07/18 17:43	1
Dichlorodifluoromethane	<0.00035		0.0010	0.00035	mg/L			11/07/18 17:43	1
Ethylbenzene	<0.00011		0.0010	0.00011	mg/L			11/07/18 17:43	1
Hexachlorobutadiene	<0.00083		0.0010	0.00083	mg/L			11/07/18 17:43	1
Isopropylbenzene	<0.000090		0.0010	0.000090	mg/L			11/07/18 17:43	1
m&p-Xylene	<0.000080		0.0020	0.000080	mg/L			11/07/18 17:43	1
Methyl Ethyl Ketone	<0.0012		0.010	0.0012	mg/L			11/07/18 17:43	1

QC Sample Results

Client: Central Wire (Techalloy)
Project/Site: Central Wire

TestAmerica Job ID: 500-154217-1

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

Lab Sample ID: MB 240-354226/6
Matrix: Water
Analysis Batch: 354226

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	<0.00042		0.010	0.00042	mg/L			11/07/18 17:43	1
Methyl tert-butyl ether	<0.000070		0.0010	0.000070	mg/L			11/07/18 17:43	1
Methylene Chloride	<0.0026		0.0050	0.0026	mg/L			11/07/18 17:43	1
Naphthalene	<0.00032		0.0010	0.00032	mg/L			11/07/18 17:43	1
n-Butylbenzene	<0.00014		0.0010	0.00014	mg/L			11/07/18 17:43	1
N-Propylbenzene	<0.00015		0.0010	0.00015	mg/L			11/07/18 17:43	1
o-Xylene	<0.000090		0.0010	0.000090	mg/L			11/07/18 17:43	1
p-Isopropyltoluene	<0.00013		0.0010	0.00013	mg/L			11/07/18 17:43	1
sec-Butylbenzene	<0.00013		0.0010	0.00013	mg/L			11/07/18 17:43	1
Styrene	<0.00010		0.0010	0.00010	mg/L			11/07/18 17:43	1
tert-Butylbenzene	<0.00014		0.0010	0.00014	mg/L			11/07/18 17:43	1
Tetrachloroethene	<0.00015		0.0010	0.00015	mg/L			11/07/18 17:43	1
Toluene	<0.00014		0.0010	0.00014	mg/L			11/07/18 17:43	1
trans-1,2-Dichloroethene	<0.00019		0.0010	0.00019	mg/L			11/07/18 17:43	1
trans-1,3-Dichloropropene	<0.00067		0.0010	0.00067	mg/L			11/07/18 17:43	1
Trichloroethene	<0.00010		0.0010	0.00010	mg/L			11/07/18 17:43	1
Trichlorofluoromethane	<0.00045		0.0010	0.00045	mg/L			11/07/18 17:43	1
Vinyl chloride	<0.00020		0.0010	0.00020	mg/L			11/07/18 17:43	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 121*		*11/07/18 17:43*	*1*
4-Bromofluorobenzene (Surr)	*98*		*59 - 120*		*11/07/18 17:43*	*1*
Toluene-d8 (Surr)	*99*		*70 - 123*		*11/07/18 17:43*	*1*

Lab Sample ID: LCS 240-354226/4
Matrix: Water
Analysis Batch: 354226

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	0.0200	0.0207		mg/L		104	80 - 124
1,1,1-Trichloroethane	0.0200	0.0195		mg/L		98	69 - 134
1,1,2,2-Tetrachloroethane	0.0200	0.0209		mg/L		104	65 - 139
1,1,2-Trichloroethane	0.0200	0.0208		mg/L		104	78 - 133
1,1-Dichloroethane	0.0200	0.0199		mg/L		99	75 - 133
1,1-Dichloroethene	0.0200	0.0204		mg/L		102	65 - 139
1,1-Dichloropropene	0.0200	0.0201		mg/L		100	78 - 126
1,2,3-Trichlorobenzene	0.0200	0.0222		mg/L		111	39 - 138
1,2,3-Trichloropropane	0.0200	0.0210		mg/L		105	66 - 139
1,2,4-Trichlorobenzene	0.0200	0.0218		mg/L		109	42 - 133
1,2,4-Trimethylbenzene	0.0200	0.0211		mg/L		106	74 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0212		mg/L		106	46 - 132
1,2-Dibromoethane	0.0200	0.0197		mg/L		98	77 - 123
1,2-Dichlorobenzene	0.0200	0.0215		mg/L		108	78 - 120
1,2-Dichloroethane	0.0200	0.0185		mg/L		93	71 - 135
1,2-Dichloropropane	0.0200	0.0200		mg/L		100	78 - 133
1,3,5-Trimethylbenzene	0.0200	0.0209		mg/L		104	75 - 121
1,3-Dichlorobenzene	0.0200	0.0210		mg/L		105	78 - 120
1,3-Dichloropropane	0.0200	0.0198		mg/L		99	72 - 134

QC Sample Results

Client: Central Wire (Techalloy)
Project/Site: Central Wire

TestAmerica Job ID: 500-154217-1

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

Lab Sample ID: LCS 240-354226/4
Matrix: Water
Analysis Batch: 354226

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dichlorobenzene	0.0200	0.0206		mg/L		103	78 - 120
2,2-Dichloropropane	0.0200	0.0148		mg/L		74	42 - 150
2-Chlorotoluene	0.0200	0.0213		mg/L		107	78 - 123
2-Hexanone	0.0400	0.0396		mg/L		99	43 - 148
4-Chlorotoluene	0.0200	0.0205		mg/L		103	77 - 125
Acetone	0.0400	0.0465		mg/L		116	21 - 162
Benzene	0.0200	0.0203		mg/L		101	80 - 123
Bromobenzene	0.0200	0.0209		mg/L		104	74 - 129
Bromochloromethane	0.0200	0.0181		mg/L		90	74 - 130
Bromodichloromethane	0.0200	0.0192		mg/L		96	77 - 125
Bromoform	0.0200	0.0194		mg/L		97	49 - 141
Bromomethane	0.0200	0.0182		mg/L		91	41 - 175
Carbon disulfide	0.0200	0.0173		mg/L		86	60 - 138
Carbon tetrachloride	0.0200	0.0196		mg/L		98	63 - 140
Chlorobenzene	0.0200	0.0201		mg/L		100	80 - 121
Chloroethane	0.0200	0.0184		mg/L		92	33 - 173
Chloroform	0.0200	0.0201		mg/L		101	79 - 127
Chloromethane	0.0200	0.0169		mg/L		85	54 - 143
cis-1,2-Dichloroethene	0.0200	0.0199		mg/L		100	76 - 128
cis-1,3-Dichloropropene	0.0200	0.0193		mg/L		96	64 - 132
Dibromochloromethane	0.0200	0.0199		mg/L		99	70 - 132
Dibromomethane	0.0200	0.0202		mg/L		101	74 - 124
Dichlorodifluoromethane	0.0200	0.0156		mg/L		78	29 - 148
Ethylbenzene	0.0200	0.0206		mg/L		103	80 - 120
Hexachlorobutadiene	0.0200	0.0222		mg/L		111	38 - 136
Isopropylbenzene	0.0200	0.0213		mg/L		107	74 - 120
m&p-Xylene	0.0200	0.0208		mg/L		104	80 - 120
Methyl Ethyl Ketone	0.0400	0.0419		mg/L		105	39 - 163
methyl isobutyl ketone	0.0400	0.0394		mg/L		98	49 - 143
Methyl tert-butyl ether	0.0200	0.0175		mg/L		88	51 - 133
Methylene Chloride	0.0200	0.0187		mg/L		93	70 - 134
Naphthalene	0.0200	0.0213		mg/L		106	28 - 141
n-Butylbenzene	0.0200	0.0213		mg/L		107	57 - 126
N-Propylbenzene	0.0200	0.0209		mg/L		104	77 - 123
o-Xylene	0.0200	0.0214		mg/L		107	80 - 120
p-Isopropyltoluene	0.0200	0.0219		mg/L		109	69 - 122
sec-Butylbenzene	0.0200	0.0216		mg/L		108	68 - 123
Styrene	0.0200	0.0205		mg/L		103	79 - 120
tert-Butylbenzene	0.0200	0.0211		mg/L		106	70 - 121
Tetrachloroethene	0.0200	0.0210		mg/L		105	74 - 130
Toluene	0.0200	0.0203		mg/L		102	78 - 129
trans-1,2-Dichloroethene	0.0200	0.0198		mg/L		99	78 - 133
trans-1,3-Dichloropropene	0.0200	0.0178		mg/L		89	55 - 128
Trichloroethene	0.0200	0.0205		mg/L		103	76 - 125
Trichlorofluoromethane	0.0200	0.0185		mg/L		92	51 - 164
Vinyl chloride	0.0200	0.0182		mg/L		91	58 - 143

QC Sample Results

Client: Central Wire (Techalloy)
Project/Site: Central Wire

TestAmerica Job ID: 500-154217-1

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

Lab Sample ID: LCS 240-354226/4
Matrix: Water
Analysis Batch: 354226

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

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 121*
4-Bromofluorobenzene (Surr)	*100*		*59 - 120*
Toluene-d8 (Surr)	*102*		*70 - 123*

Lab Sample ID: MB 240-354438/6
Matrix: Water
Analysis Batch: 354438

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.00014		0.0010	0.00014	mg/L			11/08/18 19:04	1
1,1,1-Trichloroethane	<0.00024		0.0010	0.00024	mg/L			11/08/18 19:04	1
1,1,2,2-Tetrachloroethane	<0.00013		0.0010	0.00013	mg/L			11/08/18 19:04	1
1,1,2-Trichloroethane	<0.000090		0.0010	0.000090	mg/L			11/08/18 19:04	1
1,1-Dichloroethane	<0.00017		0.0010	0.00017	mg/L			11/08/18 19:04	1
1,1-Dichloroethene	<0.00019		0.0010	0.00019	mg/L			11/08/18 19:04	1
1,1-Dichloropropene	<0.00014		0.0010	0.00014	mg/L			11/08/18 19:04	1
1,2,3-Trichlorobenzene	<0.00054		0.0010	0.00054	mg/L			11/08/18 19:04	1
1,2,3-Trichloropropane	<0.00024		0.0010	0.00024	mg/L			11/08/18 19:04	1
1,2,4-Trichlorobenzene	<0.00026		0.0010	0.00026	mg/L			11/08/18 19:04	1
1,2,4-Trimethylbenzene	<0.000070		0.0010	0.000070	mg/L			11/08/18 19:04	1
1,2-Dibromo-3-Chloropropane	<0.00091		0.0020	0.00091	mg/L			11/08/18 19:04	1
1,2-Dibromoethane	<0.00012		0.0010	0.00012	mg/L			11/08/18 19:04	1
1,2-Dichlorobenzene	<0.00015		0.0010	0.00015	mg/L			11/08/18 19:04	1
1,2-Dichloroethane	<0.00021		0.0010	0.00021	mg/L			11/08/18 19:04	1
1,2-Dichloropropane	<0.00015		0.0010	0.00015	mg/L			11/08/18 19:04	1
1,3,5-Trimethylbenzene	<0.00012		0.0010	0.00012	mg/L			11/08/18 19:04	1
1,3-Dichlorobenzene	<0.00015		0.0010	0.00015	mg/L			11/08/18 19:04	1
1,3-Dichloropropane	<0.00021		0.0010	0.00021	mg/L			11/08/18 19:04	1
1,3-Dichloropropene, Total	<0.0013		0.0020	0.0013	mg/L			11/08/18 19:04	1
1,4-Dichlorobenzene	<0.00016		0.0010	0.00016	mg/L			11/08/18 19:04	1
2,2-Dichloropropane	<0.00031		0.0010	0.00031	mg/L			11/08/18 19:04	1
2-Chlorotoluene	<0.00015		0.0010	0.00015	mg/L			11/08/18 19:04	1
2-Hexanone	<0.00054		0.010	0.00054	mg/L			11/08/18 19:04	1
4-Chlorotoluene	<0.000090		0.0010	0.000090	mg/L			11/08/18 19:04	1
Acetone	<0.0054		0.010	0.0054	mg/L			11/08/18 19:04	1
Benzene	<0.00013		0.0010	0.00013	mg/L			11/08/18 19:04	1
Bromobenzene	<0.00012		0.0010	0.00012	mg/L			11/08/18 19:04	1
Bromochloromethane	<0.00014		0.0010	0.00014	mg/L			11/08/18 19:04	1
Bromodichloromethane	<0.00017		0.0010	0.00017	mg/L			11/08/18 19:04	1
Bromoform	<0.00076		0.0010	0.00076	mg/L			11/08/18 19:04	1
Bromomethane	<0.00042		0.0010	0.00042	mg/L			11/08/18 19:04	1
Carbon disulfide	<0.00028		0.0010	0.00028	mg/L			11/08/18 19:04	1
Carbon tetrachloride	<0.00026		0.0010	0.00026	mg/L			11/08/18 19:04	1
Chlorobenzene	<0.00014		0.0010	0.00014	mg/L			11/08/18 19:04	1
Chloroethane	<0.00083		0.0010	0.00083	mg/L			11/08/18 19:04	1
Chloroform	<0.00013		0.0010	0.00013	mg/L			11/08/18 19:04	1
Chloromethane	<0.00020		0.0010	0.00020	mg/L			11/08/18 19:04	1
cis-1,2-Dichloroethene	<0.00016		0.0010	0.00016	mg/L			11/08/18 19:04	1

QC Sample Results

Client: Central Wire (Techalloy)
Project/Site: Central Wire

TestAmerica Job ID: 500-154217-1

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

Lab Sample ID: MB 240-354438/6
Matrix: Water
Analysis Batch: 354438

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	<0.00061		0.0010	0.00061	mg/L			11/08/18 19:04	1
Dibromochloromethane	<0.00039		0.0010	0.00039	mg/L			11/08/18 19:04	1
Dibromomethane	<0.000090		0.0010	0.000090	mg/L			11/08/18 19:04	1
Dichlorodifluoromethane	<0.00035		0.0010	0.00035	mg/L			11/08/18 19:04	1
Ethylbenzene	<0.00011		0.0010	0.00011	mg/L			11/08/18 19:04	1
Hexachlorobutadiene	<0.00083		0.0010	0.00083	mg/L			11/08/18 19:04	1
Isopropylbenzene	<0.000090		0.0010	0.000090	mg/L			11/08/18 19:04	1
m&p-Xylene	<0.000080		0.0020	0.000080	mg/L			11/08/18 19:04	1
Methyl Ethyl Ketone	<0.0012		0.010	0.0012	mg/L			11/08/18 19:04	1
methyl isobutyl ketone	<0.00042		0.010	0.00042	mg/L			11/08/18 19:04	1
Methyl tert-butyl ether	<0.000070		0.0010	0.000070	mg/L			11/08/18 19:04	1
Methylene Chloride	<0.0026		0.0050	0.0026	mg/L			11/08/18 19:04	1
Naphthalene	<0.00032		0.0010	0.00032	mg/L			11/08/18 19:04	1
n-Butylbenzene	<0.00014		0.0010	0.00014	mg/L			11/08/18 19:04	1
N-Propylbenzene	<0.00015		0.0010	0.00015	mg/L			11/08/18 19:04	1
o-Xylene	<0.000090		0.0010	0.000090	mg/L			11/08/18 19:04	1
p-Isopropyltoluene	<0.00013		0.0010	0.00013	mg/L			11/08/18 19:04	1
sec-Butylbenzene	<0.00013		0.0010	0.00013	mg/L			11/08/18 19:04	1
Styrene	<0.00010		0.0010	0.00010	mg/L			11/08/18 19:04	1
tert-Butylbenzene	<0.00014		0.0010	0.00014	mg/L			11/08/18 19:04	1
Tetrachloroethene	<0.00015		0.0010	0.00015	mg/L			11/08/18 19:04	1
Toluene	<0.00014		0.0010	0.00014	mg/L			11/08/18 19:04	1
trans-1,2-Dichloroethene	<0.00019		0.0010	0.00019	mg/L			11/08/18 19:04	1
trans-1,3-Dichloropropene	<0.00067		0.0010	0.00067	mg/L			11/08/18 19:04	1
Trichloroethene	<0.00010		0.0010	0.00010	mg/L			11/08/18 19:04	1
Trichlorofluoromethane	<0.00045		0.0010	0.00045	mg/L			11/08/18 19:04	1
Vinyl chloride	<0.00020		0.0010	0.00020	mg/L			11/08/18 19:04	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 121*		*11/08/18 19:04*	*1*
4-Bromofluorobenzene (Surr)	*95*		*59 - 120*		*11/08/18 19:04*	*1*
Toluene-d8 (Surr)	*101*		*70 - 123*		*11/08/18 19:04*	*1*

Lab Sample ID: LCS 240-354438/4
Matrix: Water
Analysis Batch: 354438

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	0.0200	0.0200		mg/L		100	80 - 124
1,1,1-Trichloroethane	0.0200	0.0190		mg/L		95	69 - 134
1,1,2,2-Tetrachloroethane	0.0200	0.0201		mg/L		100	65 - 139
1,1,2-Trichloroethane	0.0200	0.0206		mg/L		103	78 - 133
1,1-Dichloroethane	0.0200	0.0190		mg/L		95	75 - 133
1,1-Dichloroethene	0.0200	0.0193		mg/L		97	65 - 139
1,1-Dichloropropene	0.0200	0.0194		mg/L		97	78 - 126
1,2,3-Trichlorobenzene	0.0200	0.0226		mg/L		113	39 - 138
1,2,3-Trichloropropane	0.0200	0.0209		mg/L		104	66 - 139
1,2,4-Trichlorobenzene	0.0200	0.0214		mg/L		107	42 - 133

QC Sample Results

Client: Central Wire (Techalloy)
Project/Site: Central Wire

TestAmerica Job ID: 500-154217-1

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

Lab Sample ID: LCS 240-354438/4
Matrix: Water
Analysis Batch: 354438

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trimethylbenzene	0.0200	0.0202		mg/L		101	74 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0205		mg/L		102	46 - 132
1,2-Dibromoethane	0.0200	0.0192		mg/L		96	77 - 123
1,2-Dichlorobenzene	0.0200	0.0207		mg/L		104	78 - 120
1,2-Dichloroethane	0.0200	0.0184		mg/L		92	71 - 135
1,2-Dichloropropane	0.0200	0.0199		mg/L		99	78 - 133
1,3,5-Trimethylbenzene	0.0200	0.0204		mg/L		102	75 - 121
1,3-Dichlorobenzene	0.0200	0.0199		mg/L		100	78 - 120
1,3-Dichloropropane	0.0200	0.0194		mg/L		97	72 - 134
1,4-Dichlorobenzene	0.0200	0.0197		mg/L		99	78 - 120
2,2-Dichloropropane	0.0200	0.0146		mg/L		73	42 - 150
2-Chlorotoluene	0.0200	0.0204		mg/L		102	78 - 123
2-Hexanone	0.0400	0.0398		mg/L		100	43 - 148
4-Chlorotoluene	0.0200	0.0200		mg/L		100	77 - 125
Acetone	0.0400	0.0542		mg/L		135	21 - 162
Benzene	0.0200	0.0199		mg/L		100	80 - 123
Bromobenzene	0.0200	0.0198		mg/L		99	74 - 129
Bromochloromethane	0.0200	0.0179		mg/L		89	74 - 130
Bromodichloromethane	0.0200	0.0189		mg/L		95	77 - 125
Bromoform	0.0200	0.0193		mg/L		96	49 - 141
Bromomethane	0.0200	0.0188		mg/L		94	41 - 175
Carbon disulfide	0.0200	0.0168		mg/L		84	60 - 138
Carbon tetrachloride	0.0200	0.0191		mg/L		95	63 - 140
Chlorobenzene	0.0200	0.0196		mg/L		98	80 - 121
Chloroethane	0.0200	0.0183		mg/L		92	33 - 173
Chloroform	0.0200	0.0197		mg/L		98	79 - 127
Chloromethane	0.0200	0.0174		mg/L		87	54 - 143
cis-1,2-Dichloroethene	0.0200	0.0192		mg/L		96	76 - 128
cis-1,3-Dichloropropene	0.0200	0.0190		mg/L		95	64 - 132
Dibromochloromethane	0.0200	0.0194		mg/L		97	70 - 132
Dibromomethane	0.0200	0.0198		mg/L		99	74 - 124
Dichlorodifluoromethane	0.0200	0.0165		mg/L		83	29 - 148
Ethylbenzene	0.0200	0.0202		mg/L		101	80 - 120
Hexachlorobutadiene	0.0200	0.0216		mg/L		108	38 - 136
Isopropylbenzene	0.0200	0.0206		mg/L		103	74 - 120
m&p-Xylene	0.0200	0.0204		mg/L		102	80 - 120
Methyl Ethyl Ketone	0.0400	0.0445		mg/L		111	39 - 163
methyl isobutyl ketone	0.0400	0.0404		mg/L		101	49 - 143
Methyl tert-butyl ether	0.0200	0.0174		mg/L		87	51 - 133
Methylene Chloride	0.0200	0.0185		mg/L		92	70 - 134
Naphthalene	0.0200	0.0211		mg/L		106	28 - 141
n-Butylbenzene	0.0200	0.0207		mg/L		103	57 - 126
N-Propylbenzene	0.0200	0.0203		mg/L		101	77 - 123
o-Xylene	0.0200	0.0208		mg/L		104	80 - 120
p-Isopropyltoluene	0.0200	0.0210		mg/L		105	69 - 122
sec-Butylbenzene	0.0200	0.0204		mg/L		102	68 - 123
Styrene	0.0200	0.0202		mg/L		101	79 - 120
tert-Butylbenzene	0.0200	0.0200		mg/L		100	70 - 121

QC Sample Results

Client: Central Wire (Techalloy)
Project/Site: Central Wire

TestAmerica Job ID: 500-154217-1

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

Lab Sample ID: LCS 240-354438/4
Matrix: Water
Analysis Batch: 354438

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Tetrachloroethene	0.0200	0.0203		mg/L		101	74 - 130
Toluene	0.0200	0.0197		mg/L		98	78 - 129
trans-1,2-Dichloroethene	0.0200	0.0192		mg/L		96	78 - 133
trans-1,3-Dichloropropene	0.0200	0.0171		mg/L		85	55 - 128
Trichloroethene	0.0200	0.0196		mg/L		98	76 - 125
Trichlorofluoromethane	0.0200	0.0186		mg/L		93	51 - 164
Vinyl chloride	0.0200	0.0185		mg/L		93	58 - 143

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 121*
4-Bromofluorobenzene (Surr)	*103*		*59 - 120*
Toluene-d8 (Surr)	*100*		*70 - 123*

Lab Sample ID: MB 240-354646/7
Matrix: Water
Analysis Batch: 354646

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.00014		0.0010	0.00014	mg/L			11/09/18 18:44	1
1,1,1-Trichloroethane	<0.00024		0.0010	0.00024	mg/L			11/09/18 18:44	1
1,1,2,2-Tetrachloroethane	<0.00013		0.0010	0.00013	mg/L			11/09/18 18:44	1
1,1,2-Trichloroethane	<0.000090		0.0010	0.000090	mg/L			11/09/18 18:44	1
1,1-Dichloroethane	<0.00017		0.0010	0.00017	mg/L			11/09/18 18:44	1
1,1-Dichloroethene	<0.00019		0.0010	0.00019	mg/L			11/09/18 18:44	1
1,1-Dichloropropene	<0.00014		0.0010	0.00014	mg/L			11/09/18 18:44	1
1,2,3-Trichlorobenzene	<0.00054		0.0010	0.00054	mg/L			11/09/18 18:44	1
1,2,3-Trichloropropane	<0.00024		0.0010	0.00024	mg/L			11/09/18 18:44	1
1,2,4-Trichlorobenzene	<0.00026		0.0010	0.00026	mg/L			11/09/18 18:44	1
1,2,4-Trimethylbenzene	<0.000070		0.0010	0.000070	mg/L			11/09/18 18:44	1
1,2-Dibromo-3-Chloropropane	<0.00091		0.0020	0.00091	mg/L			11/09/18 18:44	1
1,2-Dibromoethane	<0.00012		0.0010	0.00012	mg/L			11/09/18 18:44	1
1,2-Dichlorobenzene	<0.00015		0.0010	0.00015	mg/L			11/09/18 18:44	1
1,2-Dichloroethane	<0.00021		0.0010	0.00021	mg/L			11/09/18 18:44	1
1,2-Dichloropropane	<0.00015		0.0010	0.00015	mg/L			11/09/18 18:44	1
1,3,5-Trimethylbenzene	<0.00012		0.0010	0.00012	mg/L			11/09/18 18:44	1
1,3-Dichlorobenzene	<0.00015		0.0010	0.00015	mg/L			11/09/18 18:44	1
1,3-Dichloropropane	<0.00021		0.0010	0.00021	mg/L			11/09/18 18:44	1
1,3-Dichloropropene, Total	<0.0013		0.0020	0.0013	mg/L			11/09/18 18:44	1
1,4-Dichlorobenzene	<0.00016		0.0010	0.00016	mg/L			11/09/18 18:44	1
2,2-Dichloropropane	<0.00031		0.0010	0.00031	mg/L			11/09/18 18:44	1
2-Chlorotoluene	<0.00015		0.0010	0.00015	mg/L			11/09/18 18:44	1
2-Hexanone	<0.00054		0.010	0.00054	mg/L			11/09/18 18:44	1
4-Chlorotoluene	<0.000090		0.0010	0.000090	mg/L			11/09/18 18:44	1
Acetone	<0.0054		0.010	0.0054	mg/L			11/09/18 18:44	1
Benzene	<0.00013		0.0010	0.00013	mg/L			11/09/18 18:44	1
Bromobenzene	<0.00012		0.0010	0.00012	mg/L			11/09/18 18:44	1
Bromochloromethane	<0.00014		0.0010	0.00014	mg/L			11/09/18 18:44	1
Bromodichloromethane	<0.00017		0.0010	0.00017	mg/L			11/09/18 18:44	1

QC Sample Results

Client: Central Wire (Techalloy)
Project/Site: Central Wire

TestAmerica Job ID: 500-154217-1

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

Lab Sample ID: MB 240-354646/7
Matrix: Water
Analysis Batch: 354646

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	<0.00076		0.0010	0.00076	mg/L			11/09/18 18:44	1
Bromomethane	<0.00042		0.0010	0.00042	mg/L			11/09/18 18:44	1
Carbon disulfide	<0.00028		0.0010	0.00028	mg/L			11/09/18 18:44	1
Carbon tetrachloride	<0.00026		0.0010	0.00026	mg/L			11/09/18 18:44	1
Chlorobenzene	<0.00014		0.0010	0.00014	mg/L			11/09/18 18:44	1
Chloroethane	<0.00083		0.0010	0.00083	mg/L			11/09/18 18:44	1
Chloroform	<0.00013		0.0010	0.00013	mg/L			11/09/18 18:44	1
Chloromethane	<0.00020		0.0010	0.00020	mg/L			11/09/18 18:44	1
cis-1,2-Dichloroethene	<0.00016		0.0010	0.00016	mg/L			11/09/18 18:44	1
cis-1,3-Dichloropropene	<0.00061		0.0010	0.00061	mg/L			11/09/18 18:44	1
Dibromochloromethane	<0.00039		0.0010	0.00039	mg/L			11/09/18 18:44	1
Dibromomethane	<0.000090		0.0010	0.000090	mg/L			11/09/18 18:44	1
Dichlorodifluoromethane	<0.00035		0.0010	0.00035	mg/L			11/09/18 18:44	1
Ethylbenzene	<0.00011		0.0010	0.00011	mg/L			11/09/18 18:44	1
Hexachlorobutadiene	<0.00083		0.0010	0.00083	mg/L			11/09/18 18:44	1
Isopropylbenzene	<0.000090		0.0010	0.000090	mg/L			11/09/18 18:44	1
m&p-Xylene	<0.000080		0.0020	0.000080	mg/L			11/09/18 18:44	1
Methyl Ethyl Ketone	<0.0012		0.010	0.0012	mg/L			11/09/18 18:44	1
methyl isobutyl ketone	<0.00042		0.010	0.00042	mg/L			11/09/18 18:44	1
Methyl tert-butyl ether	<0.000070		0.0010	0.000070	mg/L			11/09/18 18:44	1
Methylene Chloride	<0.0026		0.0050	0.0026	mg/L			11/09/18 18:44	1
Naphthalene	<0.00032		0.0010	0.00032	mg/L			11/09/18 18:44	1
n-Butylbenzene	<0.00014		0.0010	0.00014	mg/L			11/09/18 18:44	1
N-Propylbenzene	<0.00015		0.0010	0.00015	mg/L			11/09/18 18:44	1
o-Xylene	<0.000090		0.0010	0.000090	mg/L			11/09/18 18:44	1
p-Isopropyltoluene	<0.00013		0.0010	0.00013	mg/L			11/09/18 18:44	1
sec-Butylbenzene	<0.00013		0.0010	0.00013	mg/L			11/09/18 18:44	1
Styrene	<0.00010		0.0010	0.00010	mg/L			11/09/18 18:44	1
tert-Butylbenzene	<0.00014		0.0010	0.00014	mg/L			11/09/18 18:44	1
Tetrachloroethene	<0.00015		0.0010	0.00015	mg/L			11/09/18 18:44	1
Toluene	<0.00014		0.0010	0.00014	mg/L			11/09/18 18:44	1
trans-1,2-Dichloroethene	<0.00019		0.0010	0.00019	mg/L			11/09/18 18:44	1
trans-1,3-Dichloropropene	<0.00067		0.0010	0.00067	mg/L			11/09/18 18:44	1
Trichloroethene	<0.00010		0.0010	0.00010	mg/L			11/09/18 18:44	1
Trichlorofluoromethane	<0.00045		0.0010	0.00045	mg/L			11/09/18 18:44	1
Vinyl chloride	<0.00020		0.0010	0.00020	mg/L			11/09/18 18:44	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 121*		*11/09/18 18:44*	*1*
4-Bromofluorobenzene (Surr)	*95*		*59 - 120*		*11/09/18 18:44*	*1*
Toluene-d8 (Surr)	*99*		*70 - 123*		*11/09/18 18:44*	*1*

Lab Sample ID: LCS 240-354646/4
Matrix: Water
Analysis Batch: 354646

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	0.0200	0.0205		mg/L		103	80 - 124

QC Sample Results

Client: Central Wire (Techalloy)
Project/Site: Central Wire

TestAmerica Job ID: 500-154217-1

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

Lab Sample ID: LCS 240-354646/4
Matrix: Water
Analysis Batch: 354646

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	0.0200	0.0192		mg/L		96	69 - 134
1,1,2,2-Tetrachloroethane	0.0200	0.0208		mg/L		104	65 - 139
1,1,2-Trichloroethane	0.0200	0.0211		mg/L		105	78 - 133
1,1-Dichloroethane	0.0200	0.0193		mg/L		97	75 - 133
1,1-Dichloroethene	0.0200	0.0198		mg/L		99	65 - 139
1,1-Dichloropropene	0.0200	0.0194		mg/L		97	78 - 126
1,2,3-Trichlorobenzene	0.0200	0.0225		mg/L		112	39 - 138
1,2,3-Trichloropropane	0.0200	0.0212		mg/L		106	66 - 139
1,2,4-Trichlorobenzene	0.0200	0.0218		mg/L		109	42 - 133
1,2,4-Trimethylbenzene	0.0200	0.0205		mg/L		103	74 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0214		mg/L		107	46 - 132
1,2-Dibromoethane	0.0200	0.0195		mg/L		98	77 - 123
1,2-Dichlorobenzene	0.0200	0.0214		mg/L		107	78 - 120
1,2-Dichloroethane	0.0200	0.0185		mg/L		92	71 - 135
1,2-Dichloropropane	0.0200	0.0203		mg/L		102	78 - 133
1,3,5-Trimethylbenzene	0.0200	0.0206		mg/L		103	75 - 121
1,3-Dichlorobenzene	0.0200	0.0205		mg/L		103	78 - 120
1,3-Dichloropropane	0.0200	0.0200		mg/L		100	72 - 134
1,4-Dichlorobenzene	0.0200	0.0202		mg/L		101	78 - 120
2,2-Dichloropropane	0.0200	0.0146		mg/L		73	42 - 150
2-Chlorotoluene	0.0200	0.0211		mg/L		106	78 - 123
2-Hexanone	0.0400	0.0417		mg/L		104	43 - 148
4-Chlorotoluene	0.0200	0.0204		mg/L		102	77 - 125
Acetone	0.0400	0.0532		mg/L		133	21 - 162
Benzene	0.0200	0.0199		mg/L		100	80 - 123
Bromobenzene	0.0200	0.0201		mg/L		101	74 - 129
Bromochloromethane	0.0200	0.0179		mg/L		89	74 - 130
Bromodichloromethane	0.0200	0.0189		mg/L		94	77 - 125
Bromoform	0.0200	0.0194		mg/L		97	49 - 141
Bromomethane	0.0200	0.0188		mg/L		94	41 - 175
Carbon disulfide	0.0200	0.0164		mg/L		82	60 - 138
Carbon tetrachloride	0.0200	0.0192		mg/L		96	63 - 140
Chlorobenzene	0.0200	0.0201		mg/L		101	80 - 121
Chloroethane	0.0200	0.0185		mg/L		92	33 - 173
Chloroform	0.0200	0.0197		mg/L		98	79 - 127
Chloromethane	0.0200	0.0175		mg/L		88	54 - 143
cis-1,2-Dichloroethene	0.0200	0.0196		mg/L		98	76 - 128
cis-1,3-Dichloropropene	0.0200	0.0192		mg/L		96	64 - 132
Dibromochloromethane	0.0200	0.0197		mg/L		98	70 - 132
Dibromomethane	0.0200	0.0196		mg/L		98	74 - 124
Dichlorodifluoromethane	0.0200	0.0167		mg/L		84	29 - 148
Ethylbenzene	0.0200	0.0202		mg/L		101	80 - 120
Hexachlorobutadiene	0.0200	0.0217		mg/L		108	38 - 136
Isopropylbenzene	0.0200	0.0210		mg/L		105	74 - 120
m&p-Xylene	0.0200	0.0207		mg/L		103	80 - 120
Methyl Ethyl Ketone	0.0400	0.0455		mg/L		114	39 - 163
methyl isobutyl ketone	0.0400	0.0411		mg/L		103	49 - 143
Methyl tert-butyl ether	0.0200	0.0175		mg/L		87	51 - 133

QC Sample Results

Client: Central Wire (Techalloy)
Project/Site: Central Wire

TestAmerica Job ID: 500-154217-1

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

Lab Sample ID: LCS 240-354646/4
Matrix: Water
Analysis Batch: 354646

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methylene Chloride	0.0200	0.0185		mg/L		93	70 - 134
Naphthalene	0.0200	0.0214		mg/L		107	28 - 141
n-Butylbenzene	0.0200	0.0209		mg/L		105	57 - 126
N-Propylbenzene	0.0200	0.0207		mg/L		104	77 - 123
o-Xylene	0.0200	0.0210		mg/L		105	80 - 120
p-Isopropyltoluene	0.0200	0.0213		mg/L		107	69 - 122
sec-Butylbenzene	0.0200	0.0208		mg/L		104	68 - 123
Styrene	0.0200	0.0207		mg/L		103	79 - 120
tert-Butylbenzene	0.0200	0.0202		mg/L		101	70 - 121
Tetrachloroethene	0.0200	0.0205		mg/L		102	74 - 130
Toluene	0.0200	0.0204		mg/L		102	78 - 129
trans-1,2-Dichloroethene	0.0200	0.0190		mg/L		95	78 - 133
trans-1,3-Dichloropropene	0.0200	0.0172		mg/L		86	55 - 128
Trichloroethene	0.0200	0.0196		mg/L		98	76 - 125
Trichlorofluoromethane	0.0200	0.0186		mg/L		93	51 - 164
Vinyl chloride	0.0200	0.0186		mg/L		93	58 - 143

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*70 - 121*
4-Bromofluorobenzene (Surr)	*100*		*59 - 120*
Toluene-d8 (Surr)	*100*		*70 - 123*

Lab Chronicle

Client: Central Wire (Techalloy)
Project/Site: Central Wire

TestAmerica Job ID: 500-154217-1

Client Sample ID: GP-36 83'
Date Collected: 10/29/18 10:40
Date Received: 11/02/18 10:00

Lab Sample ID: 500-154217-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	354226	11/08/18 00:04	TJL1	TAL CAN

Client Sample ID: GP-36 57'
Date Collected: 10/29/18 12:00
Date Received: 11/02/18 10:00

Lab Sample ID: 500-154217-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	354226	11/08/18 00:26	TJL1	TAL CAN

Client Sample ID: GP-36 27'
Date Collected: 10/29/18 13:05
Date Received: 11/02/18 10:00

Lab Sample ID: 500-154217-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	354226	11/08/18 00:49	TJL1	TAL CAN

Client Sample ID: GP-39 80'
Date Collected: 10/29/18 15:05
Date Received: 11/02/18 10:00

Lab Sample ID: 500-154217-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	354226	11/08/18 01:11	TJL1	TAL CAN

Client Sample ID: GP-39 57'
Date Collected: 10/29/18 15:50
Date Received: 11/02/18 10:00

Lab Sample ID: 500-154217-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	354438	11/08/18 20:10	TJL1	TAL CAN

Client Sample ID: GP-39 27'
Date Collected: 10/29/18 16:50
Date Received: 11/02/18 10:00

Lab Sample ID: 500-154217-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	354438	11/08/18 20:33	TJL1	TAL CAN

Lab Chronicle

Client: Central Wire (Techalloy)
Project/Site: Central Wire

TestAmerica Job ID: 500-154217-1

Client Sample ID: FB Pump — Lab Sample ID: 500-154217-7

Date Collected: 10/29/18 10:50
Date Received: 11/02/18 10:00
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	354438	11/08/18 20:55	TJL1	TAL CAN

Client Sample ID: FB Rods — Lab Sample ID: 500-154217-8

Date Collected: 10/29/18 13:25
Date Received: 11/02/18 10:00
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	354438	11/08/18 21:17	TJL1	TAL CAN

Client Sample ID: GP-35-85' — Lab Sample ID: 500-154217-9

Date Collected: 10/30/18 08:50
Date Received: 11/02/18 10:00
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	354438	11/08/18 21:39	TJL1	TAL CAN

Client Sample ID: GP-35-57' — Lab Sample ID: 500-154217-10

Date Collected: 10/30/18 10:15
Date Received: 11/02/18 10:00
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	354438	11/08/18 22:02	TJL1	TAL CAN

Client Sample ID: GP-35-27' — Lab Sample ID: 500-154217-11

Date Collected: 10/30/18 11:00
Date Received: 11/02/18 10:00
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	354438	11/08/18 22:24	TJL1	TAL CAN

Client Sample ID: GP-41-82' — Lab Sample ID: 500-154217-12

Date Collected: 10/30/18 12:20
Date Received: 11/02/18 10:00
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	354438	11/08/18 22:46	TJL1	TAL CAN

Lab Chronicle

Client: Central Wire (Techalloy)
Project/Site: Central Wire

TestAmerica Job ID: 500-154217-1

Client Sample ID: Field Blank-Rods — Lab Sample ID: 500-154217-13

Date Collected: 10/30/18 00:00
Date Received: 11/02/18 10:00
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	354438	11/08/18 23:08	TJL1	TAL CAN

Client Sample ID: GP-41-57' — Lab Sample ID: 500-154217-14

Date Collected: 10/30/18 00:00
Date Received: 11/02/18 10:00
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	354438	11/08/18 23:30	TJL1	TAL CAN

Client Sample ID: GP-41-27' — Lab Sample ID: 500-154217-15

Date Collected: 10/30/18 14:25
Date Received: 11/02/18 10:00
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	354438	11/08/18 23:53	TJL1	TAL CAN

Client Sample ID: GP-40-80' — Lab Sample ID: 500-154217-16

Date Collected: 10/30/18 16:15
Date Received: 11/02/18 10:00
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	354438	11/09/18 00:15	TJL1	TAL CAN

Client Sample ID: GP-40-57' — Lab Sample ID: 500-154217-17

Date Collected: 10/31/18 08:15
Date Received: 11/02/18 10:00
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	354438	11/09/18 00:38	TJL1	TAL CAN

Client Sample ID: GP-34-82' — Lab Sample ID: 500-154217-19

Date Collected: 10/31/18 11:15
Date Received: 11/02/18 10:00
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	354438	11/09/18 01:00	TJL1	TAL CAN

Lab Chronicle

Client: Central Wire (Techalloy)
Project/Site: Central Wire

TestAmerica Job ID: 500-154217-1

Client Sample ID: GP-34-57'
Lab Sample ID: 500-154217-20
Date Collected: 10/31/18 12:05
Matrix: Water
Date Received: 11/02/18 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	354438	11/09/18 01:23	TJL1	TAL CAN

Client Sample ID: GP-34-27'
Lab Sample ID: 500-154217-21
Date Collected: 10/31/18 12:50
Matrix: Water
Date Received: 11/02/18 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	354438	11/09/18 01:45	TJL1	TAL CAN

Client Sample ID: FB
Lab Sample ID: 500-154217-22
Date Collected: 10/31/18 13:15
Matrix: Water
Date Received: 11/02/18 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	354438	11/09/18 02:08	TJL1	TAL CAN

Client Sample ID: GP-37-85'
Lab Sample ID: 500-154217-23
Date Collected: 10/31/18 14:35
Matrix: Water
Date Received: 11/02/18 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	354438	11/09/18 02:30	TJL1	TAL CAN

Client Sample ID: GP-37-57'
Lab Sample ID: 500-154217-24
Date Collected: 10/31/18 15:15
Matrix: Water
Date Received: 11/02/18 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	354646	11/09/18 19:06	TJL1	TAL CAN

Client Sample ID: Trip Blank-01
Lab Sample ID: 500-154217-25
Date Collected: 10/31/18 00:00
Matrix: Water
Date Received: 11/02/18 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	354646	11/09/18 19:29	TJL1	TAL CAN

Lab Chronicle

Client: Central Wire (Techalloy)
Project/Site: Central Wire

TestAmerica Job ID: 500-154217-1

Client Sample ID: Trip Blank-02

Lab Sample ID: 500-154217-26

Date Collected: 10/31/18 00:00
Date Received: 11/02/18 10:00

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	354646	11/09/18 19:51	TJL1	TAL CAN

Laboratory References:

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Accreditation/Certification Summary

Client: Central Wire (Techalloy)
Project/Site: Central Wire

TestAmerica Job ID: 500-154217-1

Laboratory: TestAmerica Chicago

The accreditations/certifications listed below are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
Illinois	NELAP	5	100201	04-30-19

Laboratory: TestAmerica Canton

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

Authority	Program	EPA Region	Identification Number	Expiration Date
California	State Program	9	2927	02-23-19
Connecticut	State Program	1	PH-0590	12-31-19
Florida	NELAP	4	E87225	06-30-19
Illinois	NELAP	5	200004	07-31-19
Kansas	NELAP	7	E-10336	01-31-19
Kentucky (UST)	State Program	4	58	02-23-19
Kentucky (WW)	State Program	4	98016	12-31-18 *
Minnesota	NELAP	5	039-999-348	12-31-18 *
Minnesota (Petrofund)	State Program	1	3506	07-31-19
Nevada	State Program	9	OH00048	07-31-19
New Jersey	NELAP	2	OH001	06-30-19
New York	NELAP	2	10975	03-31-19
Ohio VAP	State Program	5	CL0024	09-06-19
Oregon	NELAP	10	4062	02-23-19
Pennsylvania	NELAP	3	68-00340	08-31-19 *
Texas	NELAP	6	T104704517-17-9	08-31-19
USDA	Federal		P330-16-00404	12-28-19
Virginia	NELAP	3	460175	09-14-19
Washington	State Program	10	C971	01-12-19
West Virginia DEP	State Program	3	210	12-31-18 *

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Chain of Custody Record

274525

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.
TAL-8210 (0713)

500-154217

Regulatory Program: ☐ DW ☐ NPDES ☒ RCRA ☐ Other:

Client Contact		Project Manager: J Thomsen	Site Contact: J Thomsen	Date:	COC No: 223181
Company Name:	Central Wire	Tel/Fax:	Lab Contact: R Wright	Carrier:	1 of 2 COCs
Address:	6508 Olson Rd	Analysis Turnaround Time			Sampler: J Thomsen
City/State/Zip:	Davenport IL 60146	☒ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone:	815 923 2131	TAT if different from Below _____			Walk-in Client:
Fax:		☒ 2 weeks			Lab Sampling:
Project Name:	2018 Geoprobe Invest	☐ 1 week			
Site:	South Branch Nursery	☐ 2 days			Job / SDG No.:
PO #	SBN 2018	☐ 1 day			

	Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	VOC 8260C	Sample Specific Notes:
1	GP-36 88'	10/29	1040	G	GW	3	N	Y	X	
2	GP-36 57'		1200							
3	GP-36 27'		1305							
4	GP-39 80'		1525							
5	GP-39 57'		1550							
6	GP-39 27'		1650							
7	FB Pump		1050							
8	FB Rods		1325							
9	GP-35-85'	10/30	0850							
10	GP-35-57'		1015							
11	GP-35-27'		1100							
12	GP-41-82		1240							

500-154217 COC

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☒ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd: _____ Corr'd: _____ | Therm ID No.: _____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	Autumnwood	11/1/18	[signature]	CWI	11/1/18 13:30
Relinquished by: [signature]	Company: CWI	Date/Time: 11/1/18 15:30	Received by: [signature]	Company: UPS	Date/Time: 11/1/18 1530
Relinquished by:	Company:	Date/Time:	Received in Laboratory by: [signature]	Company: TA	Date/Time: 11-2-18

-1.3 → 0.2

Chain of Custody Record

274524

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.
TAL-8210 (0713)

500-154217

Regulatory Program: ☐ DW ☐ NPDES ☒ RCRA ☐ Other:

Client Contact		Project Manager:		Site Contact: Jack Thomas	Date: 10/30/2018	COC No: 223181
Company Name:	Central Wire	Tel/Fax:		Lab Contact: R. Wright	Carrier:	2 of 2 COCs
Address:	5569 Olson Rd	Analysis Turnaround Time				Sampler:
City/State/Zip:	Gurnee IL 60046	☒ CALENDAR DAYS	☒ WORKING DAYS			For Lab Use Only:
Phone:	815 923 2131	TAT if different from Below				Walk-in Client:
Fax:		☒ 2 weeks				Lab Sampling:
Project Name:	2018 Field Invest.	☐ 1 week				
Site:	South Branch Nursery	☐ 2 days				Job / SDG No.:
PO #	SBN 2018	☐ 1 day				

	Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	VOA 8260C	Sample Specific Notes:
13	Field Blank - Rods	10/30		G	GW	3	N	Y		
14	GP-41 - 57'									
15	GP-41 - 27'		1420							
16	GP-40 - 10'		1615							
17	GP-40 - 57'	10/31	815							
18	GP-40 - 27'		915							
19	GP-34 - 82'		1115							
20	GP-34 - 57'		1205							
21	GP-34 - 27'		1250							
22	FB		1315							
23	GP-37 - 85'		1435							
24	GP-37 - 57'		1515							

Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4=HNO3, 5=NaOH, 6= Other

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

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

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd: _____ Corr'd: _____ Therm ID No.: _____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	Alternwood	11/1/18	[signature]	CWI	11/1/18 13:30
[signature]	CWI	11/1/18 15:30	[signature]	UPS	11/1/18 1530
			Received in Laboratory by: [signature]	Company: TA	Date/Time: 11-2-18

25 Trip Blank 10/31 8260C
26

TestAmerica Chicago
2417 Bond Street
University Park, IL 60484
Phone (708) 534-5200 Fax (708) 534-5211

1.8/C2.7

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Wright, Richard C	Carrier Tracking No(s):	COC No: 500-112763.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: richard.wright@testamericainc.com	State of Origin: Illinois	Page: Page 1 of 3
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Illinois		Job #: 500-154217-1
Address: 4101 Shuffel Street NW,	Due Date Requested: 11/15/2018			
City: North Canton	TAT Requested (days):			
State, Zip: OH, 44720				
Phone: 330-497-9396(Tel) 330-497-0772(Fax)	PO #:			
Email:	WO #:			
Project Name: Central Wire	Project #: 50005584			
Site: Techalloy	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
Other:

MS

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260C/8030C (MOD) Default List	Total Number of containers	Special Instructions/Note:
			Preservation Code						
GP-36 83' (500-154217-1)	10/29/18	10:40 Central		Water			X	3	
GP-36 57' (500-154217-2)	10/29/18	12:00 Central		Water			X	3	
GP-36 27' (500-154217-3)	10/29/18	13:05 Central		Water			X	3	
GP-39 80' (500-154217-4)	10/29/18	15:05 Central		Water			X	3	
GP-39 57' (500-154217-5)	10/29/18	15:50 Central		Water			X	3	
GP-39 27' (500-154217-6)	10/29/18	16:50 Central		Water			X	3	
FB PUMP (500-154217-7)	10/29/18	10:50 Central		Water			X	3	
FB RODS (500-154217-8)	10/29/18	13:25 Central		Water			X	3	
GP-35-85' (500-154217-9)	10/30/18	08:50 Central		Water			X	3	

Note: Since laboratory accreditations are subject to change, TestAmerica Laboratories, Inc. places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the TestAmerica laboratory or other instructions will be provided. Any changes to accreditation status should be brought to TestAmerica Laboratories, Inc. attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said complicance to TestAmerica Laboratories, Inc.

Possible Hazard Identification *Unconfirmed*	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by: Shani Scott	Date/Time: 11/2/18 1600	Company: TA-CHI	Received by: [signature]	Date/Time: 11/3/18 950	Company: TA
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 09/20/2016

TestAmerica Chicago
2417 Bond Street
University Park, IL 60484
Phone (708) 534-5200 Fax (708) 534-5211

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Wright, Richard C	Carrier Tracking No(s):	COC No: 500-112763.2
Client Contact: Shipping/Receiving	Phone:	E-Mail: richard.wright@testamericainc.com	State of Origin: Illinois	Page: Page 2 of 3
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Illinois		Job #: 500-154217-1
Address: 4101 Shuffel Street NW,	Due Date Requested: 11/15/2018			
City: North Canton	TAT Requested (days):			
State, Zip: OH, 44720				
Phone: 330-497-9396(Tel) 330-497-0772(Fax)	PO #:			
Email:	WO #:			
Project Name: Central Wire	Project #: 50005564			
Site: Techalloy	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=wasteoil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260C/5630C (MOD) Default List	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
GP-35-57' (500-154217-10)	10/30/18	10:15 Central		Water			X	3	
GP-35-27' (500-154217-11)	10/30/18	11:00 Central		Water			X	3	
GP-41-82' (500-154217-12)	10/30/18	12:20 Central		Water			X	3	
Field Blank-Rods (500-154217-13)	10/30/18	Central		Water			X	3	
GP-41-57' (500-154217-14)	10/30/18	Central		Water			X	3	
GP-41-27' (500-154217-15)	10/30/18	14:25 Central		Water			X	3	
GP-40-80' (500-154217-16)	10/30/18	16:15 Central		Water			X	3	
GP-40-57' (500-154217-17)	10/31/18	08:15 Central		Water			X	3	
GP-40-27' (500-154217-18)	10/31/18	09:15 Central		Water			X	3	

Note: Since laboratory accreditations are subject to change, TestAmerica Laboratories, Inc. places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. I

Possible Hazard Identification Unconfirmed	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)* ☐ Return To Client ☐ Disposal By Lab ☐ Archive For Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:
Sherri Scott	11/2/18 1600	TA-CHI	[signature]	11/3/18 950	TA
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 09/20/2016

TestAmerica Chicago
2417 Bond Street
University Park, IL 60484
Phone (708) 534-5200 Fax (708) 534-5211

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Wright, Richard C	Carrier Tracking No(s):	COC No: 500-112763.3
Client Contact: Shipping/Receiving	Phone:	E-Mail: richard.wright@testamericainc.com	State of Origin: Illinois	Page: Page 3 of 3
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Illinois		Job #: 500-154217-1
Address: 4101 Shuffel Street NW, ,	Due Date Requested: 11/15/2018			
City: North Canton	TAT Requested (days):			
State, Zip: OH, 44720				
Phone: 330-497-9396(Tel) 330-497-0772(Fax)	PO #:			
Email:	WO #:			
Project Name: Central Wire	Project #: 50005584			
Site: Techalloy	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (Wastewater, Sweater, Drainage, Ground, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260C/5030C (MOD) Default List	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
GP-34-82' (500-154217-19)	10/31/18	11:15 Central		Water			X	3	
GP-34-57' (500-154217-20)	10/31/18	12:05 Central		Water			X	3	
GP-34-27' (500-154217-21)	10/31/18	12:50 Central		Water			X	3	
FB (500-154217-22)	10/31/18	13:15 Central		Water			X	3	
GP-37-85' (500-154217-23)	10/31/18	14:35 Central		Water			X	3	
GP-37-57' (500-154217-24)	10/31/18	15:15 Central		Water			X	3	
TRIP BLANK (500-154217-25)	10/31/18	Central		Water			X	2	
TRIP BLANK (500-154217-26)	10/31/18	Central		Water			X	2	

Note: Since laboratory accreditations are subject to change, TestAmerica Laboratories, Inc. places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody.

Possible Hazard Identification
Unconfirmed

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* *Months*

Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:
Sherri Scott	11/2/18 1600	TA-CHI	[signature]	11/3/18 950	TA
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

Ver: 09/20/2016

TestAmerica Canton Sample Receipt Form/Narrative **Login # :** _____
Canton Facility

Client TA Chicago Site Name _____ Cooler unpacked by: [illegible]
Cooler Received on 11/3/18 Opened on 11/3/18
FedEx: 1st Grd Exp UPS FAS Clipper Client Drop Off TestAmerica Courier Other

Receipt After-hours: Drop-off Date/Time _____ Storage Location _____

TestAmerica Cooler # TA Foam Box Client Cooler Box Other _____
Packing material used: Bubble Wrap Foam Plastic Bag None Other _____
COOLANT: Wet Ice Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt ☐ See Multiple Cooler Form
   IR GUN# IR-8 (CF +0.9 °C) Observed Cooler Temp. 1.8 °C Corrected Cooler Temp. 2.7 °C
   IR GUN #36 (CF +0.6°C) Observed Cooler Temp. _____ °C Corrected Cooler Temp. _____ °C
2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity 1 Yes No
   -Were the seals on the outside of the cooler(s) signed & dated? Yes No NA
   -Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)? Yes No
   -Were tamper/custody seals intact and uncompromised? Yes No NA
3. Shippers' packing slip attached to the cooler(s)? Yes No
4. Did custody papers accompany the sample(s)? Yes No
5. Were the custody papers relinquished & signed in the appropriate place? Yes No
6. Was/were the person(s) who collected the samples clearly identified on the COC? Yes No
7. Did all bottles arrive in good condition (Unbroken)? Yes No
8. Could all bottle labels be reconciled with the COC? Yes No
9. Were correct bottle(s) used for the test(s) indicated? Yes No
10. Sufficient quantity received to perform indicated analyses? Yes No
11. Are these work share samples? Yes No
    If yes, Questions 12-16 have been checked at the originating laboratory.
12. Were all preserved sample(s) at the correct pH upon receipt? Yes No NA pH Strip Lot# **HC849161**
13. Were VOAs on the COC? Yes No
14. Were air bubbles >6 mm in any VOA vials? ● ⬅ Larger than this. Yes No NA
15. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot # _____ Yes No
16. Was a LL Hg or Me Hg trip blank present? _____ Yes No

Tests that are not checked for pH by Receiving:
VOAs
Oil and Grease
TOC

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other

Concerning _____

17. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES

Samples processed by:

18. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.
Sample(s) _____ were received in a broken container.
Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

19. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory.
Time preserved: _____ Preservative(s) added/Lot number(s): _____

WI-NC-099

Login Sample Receipt Checklist

Client: Central Wire (Techalloy)

Job Number: 500-154217-1

Login Number: 154217
List Number: 1
Creator: James, Jeff A

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	0.2
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the 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.	False	see NCM
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	