TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Chicago
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TestAmerica Job ID: 500-154247-1
Client Project/Site: RCRA CMI 2018 Field Investigation

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

Attn: Robert Johnson

Authorized for release by:
11/13/2018 7:50:48 AM

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

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

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

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Case Narrative

Client: Central Wire (Techalloy)
Project/Site: RCRA CMI 2018 Field Investigation

TestAmerica Job ID: 500-154247-1

Job ID: 500-154247-1

Laboratory: TestAmerica Chicago

Narrative

Job Narrative
500-154247-1

Receipt
The samples were received on 11/3/2018 9:50 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 4.3º C.
The following samples were received with headspace larger than pea size in two or more of the vials: GP-38-85' (500-154247-4), GP-38-57' (500-154247-5), GP-42-57' (500-154247-8), GP-42-27' (500-154247-9) and Duplicate 2 (500-154247-10).

GC/MS VOA
Method(s) 8260C: The Matrix Spike Duplicate for batch 354725 was not analyzed due to an instrument fault. This is a batch QC sample; therefore, the data have been reported for the Matrix Spike. GP-37-27' (500-154247-1), Field Blank (500-154247-2), Duplicate 1 (500-154247-3), GP-38-85' (500-154247-4), GP-38-57' (500-154247-5), GP-38-27' (500-154247-6), GP-42-85' (500-154247-7), GP-42-57' (500-154247-8), GP-42-27' (500-154247-9) and Duplicate 2 (500-154247-10)

Method(s) 8260C: The pH of the sample(s) was greater than 2. The samples were 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.
GP-38-85' (500-154247-4), GP-38-57' (500-154247-5), GP-42-85' (500-154247-7), GP-42-57' (500-154247-8), GP-42-27' (500-154247-9) and Duplicate 2 (500-154247-10)

Method(s) 8260C: The continuing calibration verification (CCV) analyzed in batch 240-354725 was outside the method criteria for the following analyte(s): 2,2-Dichloropropane and Dichlorodi fluoromethane. 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: RCRA CMI 2018 Field Investigation

TestAmerica Job ID: 500-154247-1

Client Sample ID: GP-37-27' — Lab Sample ID: 500-154247-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.00031	J	0.0010	0.00016	mg/L	1		8260C	Total/NA

Client Sample ID: Field Blank — Lab Sample ID: 500-154247-2

No Detections.

Client Sample ID: Duplicate 1 — Lab Sample ID: 500-154247-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.00033	J	0.0010	0.00016	mg/L	1		8260C	Total/NA

Client Sample ID: GP-38-85' — Lab Sample ID: 500-154247-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	0.00012	J	0.0010	0.000070	mg/L	1		8260C	Total/NA
Benzene	0.00013	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	0.00015	J	0.0020	0.000080	mg/L	1		8260C	Total/NA
Toluene	0.00030	J	0.0010	0.00014	mg/L	1		8260C	Total/NA

Client Sample ID: GP-38-57' — Lab Sample ID: 500-154247-5

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	0.00014	J	0.0010	0.00013	mg/L	1		8260C	Total/NA
m&p-Xylene	0.00012	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-38-27' — Lab Sample ID: 500-154247-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.00021	J	0.0010	0.00017	mg/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	0.00021	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	0.00022	J	0.0010	0.00014	mg/L	1		8260C	Total/NA

Client Sample ID: GP-42-85' — Lab Sample ID: 500-154247-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	0.00012	J	0.0010	0.000070	mg/L	1		8260C	Total/NA
Benzene	0.00023	J	0.0010	0.00013	mg/L	1		8260C	Total/NA
Carbon disulfide	0.00037	J	0.0010	0.00028	mg/L	1		8260C	Total/NA
m&p-Xylene	0.00016	J	0.0020	0.000080	mg/L	1		8260C	Total/NA
Toluene	0.00041	J	0.0010	0.00014	mg/L	1		8260C	Total/NA

Client Sample ID: GP-42-57' — Lab Sample ID: 500-154247-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	0.00012	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
Carbon disulfide	0.00035	J	0.0010	0.00028	mg/L	1		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Central Wire (Techalloy)
Project/Site: RCRA CMI 2018 Field Investigation

TestAmerica Job ID: 500-154247-1

Client Sample ID: GP-42-57' (Continued) — Lab Sample ID: 500-154247-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
m&p-Xylene	0.00014	J	0.0020	0.000080	mg/L	1		8260C	Total/NA
Toluene	0.00035	J	0.0010	0.00014	mg/L	1		8260C	Total/NA

Client Sample ID: GP-42-27' — Lab Sample ID: 500-154247-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	0.00013	J	0.0010	0.000070	mg/L	1		8260C	Total/NA
Benzene	0.00016	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	0.00034	J	0.0010	0.00014	mg/L	1		8260C	Total/NA

Client Sample ID: Duplicate 2 — Lab Sample ID: 500-154247-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	0.00013	J	0.0010	0.000070	mg/L	1		8260C	Total/NA
Benzene	0.00018	J	0.0010	0.00013	mg/L	1		8260C	Total/NA
Carbon disulfide	0.00034	J	0.0010	0.00028	mg/L	1		8260C	Total/NA
m&p-Xylene	0.00015	J	0.0020	0.000080	mg/L	1		8260C	Total/NA
Toluene	0.00035	J	0.0010	0.00014	mg/L	1		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Method Summary

Client: Central Wire (Techalloy)
Project/Site: RCRA CMI 2018 Field Investigation

TestAmerica Job ID: 500-154247-1

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: RCRA CMI 2018 Field Investigation

TestAmerica Job ID: 500-154247-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-154247-1	GP-37-27'	Water	11/01/18 09:40	11/03/18 09:50
500-154247-2	Field Blank	Water	11/01/18 10:30	11/03/18 09:50
500-154247-3	Duplicate 1	Water	11/01/18 09:45	11/03/18 09:50
500-154247-4	GP-38-85'	Water	11/01/18 11:45	11/03/18 09:50
500-154247-5	GP-38-57'	Water	11/01/18 12:40	11/03/18 09:50
500-154247-6	GP-38-27'	Water	11/01/18 13:30	11/03/18 09:50
500-154247-7	GP-42-85'	Water	11/01/18 15:15	11/03/18 09:50
500-154247-8	GP-42-57'	Water	11/01/18 16:05	11/03/18 09:50
500-154247-9	GP-42-27'	Water	11/01/18 16:55	11/03/18 09:50
500-154247-10	Duplicate 2	Water	11/01/18 17:00	11/03/18 09:50

Client Sample Results

Client: Central Wire (Techalloy)
Project/Site: RCRA CMI 2018 Field Investigation

TestAmerica Job ID: 500-154247-1

Client Sample ID: GP-37-27'

Lab Sample ID: 500-154247-1
Date Collected: 11/01/18 09:40
Matrix: Water
Date Received: 11/03/18 09:50

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			11/10/18 13:23	1
1,1,1-Trichloroethane	<0.00024		0.0010	0.00024	mg/L			11/10/18 13:23	1
1,1,2,2-Tetrachloroethane	<0.00013		0.0010	0.00013	mg/L			11/10/18 13:23	1
1,1,2-Trichloroethane	<0.000090		0.0010	0.000090	mg/L			11/10/18 13:23	1
1,1-Dichloroethane	<0.00017		0.0010	0.00017	mg/L			11/10/18 13:23	1
1,1-Dichloroethene	<0.00019		0.0010	0.00019	mg/L			11/10/18 13:23	1
1,1-Dichloropropene	<0.00014		0.0010	0.00014	mg/L			11/10/18 13:23	1
1,2,3-Trichlorobenzene	<0.00054		0.0010	0.00054	mg/L			11/10/18 13:23	1
1,2,3-Trichloropropane	<0.00024		0.0010	0.00024	mg/L			11/10/18 13:23	1
1,2,4-Trichlorobenzene	<0.00026		0.0010	0.00026	mg/L			11/10/18 13:23	1
1,2,4-Trimethylbenzene	<0.000070		0.0010	0.000070	mg/L			11/10/18 13:23	1
1,2-Dibromo-3-Chloropropane	<0.00091		0.0020	0.00091	mg/L			11/10/18 13:23	1
1,2-Dibromoethane	<0.00012		0.0010	0.00012	mg/L			11/10/18 13:23	1
1,2-Dichlorobenzene	<0.00015		0.0010	0.00015	mg/L			11/10/18 13:23	1
1,2-Dichloroethane	<0.00021		0.0010	0.00021	mg/L			11/10/18 13:23	1
1,2-Dichloropropane	<0.00015		0.0010	0.00015	mg/L			11/10/18 13:23	1
1,3,5-Trimethylbenzene	<0.00012		0.0010	0.00012	mg/L			11/10/18 13:23	1
1,3-Dichlorobenzene	<0.00015		0.0010	0.00015	mg/L			11/10/18 13:23	1
1,3-Dichloropropane	<0.00021		0.0010	0.00021	mg/L			11/10/18 13:23	1
1,3-Dichloropropene, Total	<0.0013		0.0020	0.0013	mg/L			11/10/18 13:23	1
1,4-Dichlorobenzene	<0.00016		0.0010	0.00016	mg/L			11/10/18 13:23	1
2,2-Dichloropropane	<0.00031		0.0010	0.00031	mg/L			11/10/18 13:23	1
2-Chlorotoluene	<0.00015		0.0010	0.00015	mg/L			11/10/18 13:23	1
2-Hexanone	<0.00054		0.010	0.00054	mg/L			11/10/18 13:23	1
4-Chlorotoluene	<0.000090		0.0010	0.000090	mg/L			11/10/18 13:23	1
Acetone	<0.0054		0.010	0.0054	mg/L			11/10/18 13:23	1
Benzene	<0.00013		0.0010	0.00013	mg/L			11/10/18 13:23	1
Bromobenzene	<0.00012		0.0010	0.00012	mg/L			11/10/18 13:23	1
Bromochloromethane	<0.00014		0.0010	0.00014	mg/L			11/10/18 13:23	1
Bromodichloromethane	<0.00017		0.0010	0.00017	mg/L			11/10/18 13:23	1
Bromoform	<0.00076		0.0010	0.00076	mg/L			11/10/18 13:23	1
Bromomethane	<0.00042		0.0010	0.00042	mg/L			11/10/18 13:23	1
Carbon disulfide	<0.00028		0.0010	0.00028	mg/L			11/10/18 13:23	1
Carbon tetrachloride	<0.00026		0.0010	0.00026	mg/L			11/10/18 13:23	1
Chlorobenzene	<0.00014		0.0010	0.00014	mg/L			11/10/18 13:23	1
Chloroethane	<0.00083		0.0010	0.00083	mg/L			11/10/18 13:23	1
Chloroform	<0.00013		0.0010	0.00013	mg/L			11/10/18 13:23	1
Chloromethane	<0.00020		0.0010	0.00020	mg/L			11/10/18 13:23	1
cis-1,2-Dichloroethene	**0.00031**	**J**	0.0010	0.00016	mg/L			11/10/18 13:23	1
cis-1,3-Dichloropropene	<0.00061		0.0010	0.00061	mg/L			11/10/18 13:23	1
Dibromochloromethane	<0.00039		0.0010	0.00039	mg/L			11/10/18 13:23	1
Dibromomethane	<0.000090		0.0010	0.000090	mg/L			11/10/18 13:23	1
Dichlorodifluoromethane	<0.00035		0.0010	0.00035	mg/L			11/10/18 13:23	1
Ethylbenzene	<0.00011		0.0010	0.00011	mg/L			11/10/18 13:23	1
Hexachlorobutadiene	<0.00083		0.0010	0.00083	mg/L			11/10/18 13:23	1
Isopropylbenzene	<0.000090		0.0010	0.000090	mg/L			11/10/18 13:23	1
m&p-Xylene	<0.000080		0.0020	0.000080	mg/L			11/10/18 13:23	1
Methyl Ethyl Ketone	<0.0012		0.010	0.0012	mg/L			11/10/18 13:23	1
methyl isobutyl ketone	<0.00042		0.010	0.00042	mg/L			11/10/18 13:23	1

Client Sample Results

Client: Central Wire (Techalloy)
Project/Site: RCRA CMI 2018 Field Investigation

TestAmerica Job ID: 500-154247-1

Client Sample ID: GP-37-27'
Date Collected: 11/01/18 09:40
Date Received: 11/03/18 09:50

Lab Sample ID: 500-154247-1
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			11/10/18 13:23	1
Methylene Chloride	<0.0026		0.0050	0.0026	mg/L			11/10/18 13:23	1
Naphthalene	<0.00032		0.0010	0.00032	mg/L			11/10/18 13:23	1
n-Butylbenzene	<0.00014		0.0010	0.00014	mg/L			11/10/18 13:23	1
N-Propylbenzene	<0.00015		0.0010	0.00015	mg/L			11/10/18 13:23	1
o-Xylene	<0.000090		0.0010	0.000090	mg/L			11/10/18 13:23	1
p-Isopropyltoluene	<0.00013		0.0010	0.00013	mg/L			11/10/18 13:23	1
sec-Butylbenzene	<0.00013		0.0010	0.00013	mg/L			11/10/18 13:23	1
Styrene	<0.00010		0.0010	0.00010	mg/L			11/10/18 13:23	1
tert-Butylbenzene	<0.00014		0.0010	0.00014	mg/L			11/10/18 13:23	1
Tetrachloroethene	<0.00015		0.0010	0.00015	mg/L			11/10/18 13:23	1
Toluene	<0.00014		0.0010	0.00014	mg/L			11/10/18 13:23	1
trans-1,2-Dichloroethene	<0.00019		0.0010	0.00019	mg/L			11/10/18 13:23	1
trans-1,3-Dichloropropene	<0.00067		0.0010	0.00067	mg/L			11/10/18 13:23	1
Trichloroethene	<0.00010		0.0010	0.00010	mg/L			11/10/18 13:23	1
Trichlorofluoromethane	<0.00045		0.0010	0.00045	mg/L			11/10/18 13:23	1
Vinyl chloride	<0.00020		0.0010	0.00020	mg/L			11/10/18 13:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*70 - 121*		*11/10/18 13:23*	*1*
4-Bromofluorobenzene (Surr)	*95*		*59 - 120*		*11/10/18 13:23*	*1*
Toluene-d8 (Surr)	*98*		*70 - 123*		*11/10/18 13:23*	*1*

Client Sample Results

Client: Central Wire (Techalloy)
Project/Site: RCRA CMI 2018 Field Investigation

TestAmerica Job ID: 500-154247-1

Client Sample ID: Field Blank

Lab Sample ID: 500-154247-2
Date Collected: 11/01/18 10:30
Matrix: Water
Date Received: 11/03/18 09:50

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			11/10/18 13:46	1
1,1,1-Trichloroethane	<0.00024		0.0010	0.00024	mg/L			11/10/18 13:46	1
1,1,2,2-Tetrachloroethane	<0.00013		0.0010	0.00013	mg/L			11/10/18 13:46	1
1,1,2-Trichloroethane	<0.000090		0.0010	0.000090	mg/L			11/10/18 13:46	1
1,1-Dichloroethane	<0.00017		0.0010	0.00017	mg/L			11/10/18 13:46	1
1,1-Dichloroethene	<0.00019		0.0010	0.00019	mg/L			11/10/18 13:46	1
1,1-Dichloropropene	<0.00014		0.0010	0.00014	mg/L			11/10/18 13:46	1
1,2,3-Trichlorobenzene	<0.00054		0.0010	0.00054	mg/L			11/10/18 13:46	1
1,2,3-Trichloropropane	<0.00024		0.0010	0.00024	mg/L			11/10/18 13:46	1
1,2,4-Trichlorobenzene	<0.00026		0.0010	0.00026	mg/L			11/10/18 13:46	1
1,2,4-Trimethylbenzene	<0.000070		0.0010	0.000070	mg/L			11/10/18 13:46	1
1,2-Dibromo-3-Chloropropane	<0.00091		0.0020	0.00091	mg/L			11/10/18 13:46	1
1,2-Dibromoethane	<0.00012		0.0010	0.00012	mg/L			11/10/18 13:46	1
1,2-Dichlorobenzene	<0.00015		0.0010	0.00015	mg/L			11/10/18 13:46	1
1,2-Dichloroethane	<0.00021		0.0010	0.00021	mg/L			11/10/18 13:46	1
1,2-Dichloropropane	<0.00015		0.0010	0.00015	mg/L			11/10/18 13:46	1
1,3,5-Trimethylbenzene	<0.00012		0.0010	0.00012	mg/L			11/10/18 13:46	1
1,3-Dichlorobenzene	<0.00015		0.0010	0.00015	mg/L			11/10/18 13:46	1
1,3-Dichloropropane	<0.00021		0.0010	0.00021	mg/L			11/10/18 13:46	1
1,3-Dichloropropene, Total	<0.0013		0.0020	0.0013	mg/L			11/10/18 13:46	1
1,4-Dichlorobenzene	<0.00016		0.0010	0.00016	mg/L			11/10/18 13:46	1
2,2-Dichloropropane	<0.00031		0.0010	0.00031	mg/L			11/10/18 13:46	1
2-Chlorotoluene	<0.00015		0.0010	0.00015	mg/L			11/10/18 13:46	1
2-Hexanone	<0.00054		0.010	0.00054	mg/L			11/10/18 13:46	1
4-Chlorotoluene	<0.000090		0.0010	0.000090	mg/L			11/10/18 13:46	1
Acetone	<0.0054		0.010	0.0054	mg/L			11/10/18 13:46	1
Benzene	<0.00013		0.0010	0.00013	mg/L			11/10/18 13:46	1
Bromobenzene	<0.00012		0.0010	0.00012	mg/L			11/10/18 13:46	1
Bromochloromethane	<0.00014		0.0010	0.00014	mg/L			11/10/18 13:46	1
Bromodichloromethane	<0.00017		0.0010	0.00017	mg/L			11/10/18 13:46	1
Bromoform	<0.00076		0.0010	0.00076	mg/L			11/10/18 13:46	1
Bromomethane	<0.00042		0.0010	0.00042	mg/L			11/10/18 13:46	1
Carbon disulfide	<0.00028		0.0010	0.00028	mg/L			11/10/18 13:46	1
Carbon tetrachloride	<0.00026		0.0010	0.00026	mg/L			11/10/18 13:46	1
Chlorobenzene	<0.00014		0.0010	0.00014	mg/L			11/10/18 13:46	1
Chloroethane	<0.00083		0.0010	0.00083	mg/L			11/10/18 13:46	1
Chloroform	<0.00013		0.0010	0.00013	mg/L			11/10/18 13:46	1
Chloromethane	<0.00020		0.0010	0.00020	mg/L			11/10/18 13:46	1
cis-1,2-Dichloroethene	<0.00016		0.0010	0.00016	mg/L			11/10/18 13:46	1
cis-1,3-Dichloropropene	<0.00061		0.0010	0.00061	mg/L			11/10/18 13:46	1
Dibromochloromethane	<0.00039		0.0010	0.00039	mg/L			11/10/18 13:46	1
Dibromomethane	<0.000090		0.0010	0.000090	mg/L			11/10/18 13:46	1
Dichlorodifluoromethane	<0.00035		0.0010	0.00035	mg/L			11/10/18 13:46	1
Ethylbenzene	<0.00011		0.0010	0.00011	mg/L			11/10/18 13:46	1
Hexachlorobutadiene	<0.00083		0.0010	0.00083	mg/L			11/10/18 13:46	1
Isopropylbenzene	<0.000090		0.0010	0.000090	mg/L			11/10/18 13:46	1
m&p-Xylene	<0.000080		0.0020	0.000080	mg/L			11/10/18 13:46	1
Methyl Ethyl Ketone	<0.0012		0.010	0.0012	mg/L			11/10/18 13:46	1
methyl isobutyl ketone	<0.00042		0.010	0.00042	mg/L			11/10/18 13:46	1

Client Sample Results

Client: Central Wire (Techalloy)
Project/Site: RCRA CMI 2018 Field Investigation

TestAmerica Job ID: 500-154247-1

Client Sample ID: Field Blank

Lab Sample ID: 500-154247-2
Matrix: Water

Date Collected: 11/01/18 10:30
Date Received: 11/03/18 09:50

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			11/10/18 13:46	1
Methylene Chloride	<0.0026		0.0050	0.0026	mg/L			11/10/18 13:46	1
Naphthalene	<0.00032		0.0010	0.00032	mg/L			11/10/18 13:46	1
n-Butylbenzene	<0.00014		0.0010	0.00014	mg/L			11/10/18 13:46	1
N-Propylbenzene	<0.00015		0.0010	0.00015	mg/L			11/10/18 13:46	1
o-Xylene	<0.000090		0.0010	0.000090	mg/L			11/10/18 13:46	1
p-Isopropyltoluene	<0.00013		0.0010	0.00013	mg/L			11/10/18 13:46	1
sec-Butylbenzene	<0.00013		0.0010	0.00013	mg/L			11/10/18 13:46	1
Styrene	<0.00010		0.0010	0.00010	mg/L			11/10/18 13:46	1
tert-Butylbenzene	<0.00014		0.0010	0.00014	mg/L			11/10/18 13:46	1
Tetrachloroethene	<0.00015		0.0010	0.00015	mg/L			11/10/18 13:46	1
Toluene	<0.00014		0.0010	0.00014	mg/L			11/10/18 13:46	1
trans-1,2-Dichloroethene	<0.00019		0.0010	0.00019	mg/L			11/10/18 13:46	1
trans-1,3-Dichloropropene	<0.00067		0.0010	0.00067	mg/L			11/10/18 13:46	1
Trichloroethene	<0.00010		0.0010	0.00010	mg/L			11/10/18 13:46	1
Trichlorofluoromethane	<0.00045		0.0010	0.00045	mg/L			11/10/18 13:46	1
Vinyl chloride	<0.00020		0.0010	0.00020	mg/L			11/10/18 13:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*70 - 121*		*11/10/18 13:46*	*1*
4-Bromofluorobenzene (Surr)	*95*		*59 - 120*		*11/10/18 13:46*	*1*
Toluene-d8 (Surr)	*99*		*70 - 123*		*11/10/18 13:46*	*1*

Client Sample Results

Client: Central Wire (Techalloy)
Project/Site: RCRA CMI 2018 Field Investigation

TestAmerica Job ID: 500-154247-1

Client Sample ID: Duplicate 1

Lab Sample ID: 500-154247-3
Date Collected: 11/01/18 09:45
Matrix: Water
Date Received: 11/03/18 09:50

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			11/10/18 14:08	1
1,1,1-Trichloroethane	<0.00024		0.0010	0.00024	mg/L			11/10/18 14:08	1
1,1,2,2-Tetrachloroethane	<0.00013		0.0010	0.00013	mg/L			11/10/18 14:08	1
1,1,2-Trichloroethane	<0.000090		0.0010	0.000090	mg/L			11/10/18 14:08	1
1,1-Dichloroethane	<0.00017		0.0010	0.00017	mg/L			11/10/18 14:08	1
1,1-Dichloroethene	<0.00019		0.0010	0.00019	mg/L			11/10/18 14:08	1
1,1-Dichloropropene	<0.00014		0.0010	0.00014	mg/L			11/10/18 14:08	1
1,2,3-Trichlorobenzene	<0.00054		0.0010	0.00054	mg/L			11/10/18 14:08	1
1,2,3-Trichloropropane	<0.00024		0.0010	0.00024	mg/L			11/10/18 14:08	1
1,2,4-Trichlorobenzene	<0.00026		0.0010	0.00026	mg/L			11/10/18 14:08	1
1,2,4-Trimethylbenzene	<0.000070		0.0010	0.000070	mg/L			11/10/18 14:08	1
1,2-Dibromo-3-Chloropropane	<0.00091		0.0020	0.00091	mg/L			11/10/18 14:08	1
1,2-Dibromoethane	<0.00012		0.0010	0.00012	mg/L			11/10/18 14:08	1
1,2-Dichlorobenzene	<0.00015		0.0010	0.00015	mg/L			11/10/18 14:08	1
1,2-Dichloroethane	<0.00021		0.0010	0.00021	mg/L			11/10/18 14:08	1
1,2-Dichloropropane	<0.00015		0.0010	0.00015	mg/L			11/10/18 14:08	1
1,3,5-Trimethylbenzene	<0.00012		0.0010	0.00012	mg/L			11/10/18 14:08	1
1,3-Dichlorobenzene	<0.00015		0.0010	0.00015	mg/L			11/10/18 14:08	1
1,3-Dichloropropane	<0.00021		0.0010	0.00021	mg/L			11/10/18 14:08	1
1,3-Dichloropropene, Total	<0.0013		0.0020	0.0013	mg/L			11/10/18 14:08	1
1,4-Dichlorobenzene	<0.00016		0.0010	0.00016	mg/L			11/10/18 14:08	1
2,2-Dichloropropane	<0.00031		0.0010	0.00031	mg/L			11/10/18 14:08	1
2-Chlorotoluene	<0.00015		0.0010	0.00015	mg/L			11/10/18 14:08	1
2-Hexanone	<0.00054		0.010	0.00054	mg/L			11/10/18 14:08	1
4-Chlorotoluene	<0.000090		0.0010	0.000090	mg/L			11/10/18 14:08	1
Acetone	<0.0054		0.010	0.0054	mg/L			11/10/18 14:08	1
Benzene	<0.00013		0.0010	0.00013	mg/L			11/10/18 14:08	1
Bromobenzene	<0.00012		0.0010	0.00012	mg/L			11/10/18 14:08	1
Bromochloromethane	<0.00014		0.0010	0.00014	mg/L			11/10/18 14:08	1
Bromodichloromethane	<0.00017		0.0010	0.00017	mg/L			11/10/18 14:08	1
Bromoform	<0.00076		0.0010	0.00076	mg/L			11/10/18 14:08	1
Bromomethane	<0.00042		0.0010	0.00042	mg/L			11/10/18 14:08	1
Carbon disulfide	<0.00028		0.0010	0.00028	mg/L			11/10/18 14:08	1
Carbon tetrachloride	<0.00026		0.0010	0.00026	mg/L			11/10/18 14:08	1
Chlorobenzene	<0.00014		0.0010	0.00014	mg/L			11/10/18 14:08	1
Chloroethane	<0.00083		0.0010	0.00083	mg/L			11/10/18 14:08	1
Chloroform	<0.00013		0.0010	0.00013	mg/L			11/10/18 14:08	1
Chloromethane	<0.00020		0.0010	0.00020	mg/L			11/10/18 14:08	1
cis-1,2-Dichloroethene	**0.00033**	**J**	0.0010	0.00016	mg/L			11/10/18 14:08	1
cis-1,3-Dichloropropene	<0.00061		0.0010	0.00061	mg/L			11/10/18 14:08	1
Dibromochloromethane	<0.00039		0.0010	0.00039	mg/L			11/10/18 14:08	1
Dibromomethane	<0.000090		0.0010	0.000090	mg/L			11/10/18 14:08	1
Dichlorodifluoromethane	<0.00035		0.0010	0.00035	mg/L			11/10/18 14:08	1
Ethylbenzene	<0.00011		0.0010	0.00011	mg/L			11/10/18 14:08	1
Hexachlorobutadiene	<0.00083		0.0010	0.00083	mg/L			11/10/18 14:08	1
Isopropylbenzene	<0.000090		0.0010	0.000090	mg/L			11/10/18 14:08	1
m&p-Xylene	<0.000080		0.0020	0.000080	mg/L			11/10/18 14:08	1
Methyl Ethyl Ketone	<0.0012		0.010	0.0012	mg/L			11/10/18 14:08	1
methyl isobutyl ketone	<0.00042		0.010	0.00042	mg/L			11/10/18 14:08	1

Client Sample Results

Client: Central Wire (Techalloy)
Project/Site: RCRA CMI 2018 Field Investigation

TestAmerica Job ID: 500-154247-1

Client Sample ID: Duplicate 1

Lab Sample ID: 500-154247-3
Date Collected: 11/01/18 09:45
Matrix: Water
Date Received: 11/03/18 09:50

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			11/10/18 14:08	1
Methylene Chloride	<0.0026		0.0050	0.0026	mg/L			11/10/18 14:08	1
Naphthalene	<0.00032		0.0010	0.00032	mg/L			11/10/18 14:08	1
n-Butylbenzene	<0.00014		0.0010	0.00014	mg/L			11/10/18 14:08	1
N-Propylbenzene	<0.00015		0.0010	0.00015	mg/L			11/10/18 14:08	1
o-Xylene	<0.000090		0.0010	0.000090	mg/L			11/10/18 14:08	1
p-Isopropyltoluene	<0.00013		0.0010	0.00013	mg/L			11/10/18 14:08	1
sec-Butylbenzene	<0.00013		0.0010	0.00013	mg/L			11/10/18 14:08	1
Styrene	<0.00010		0.0010	0.00010	mg/L			11/10/18 14:08	1
tert-Butylbenzene	<0.00014		0.0010	0.00014	mg/L			11/10/18 14:08	1
Tetrachloroethene	<0.00015		0.0010	0.00015	mg/L			11/10/18 14:08	1
Toluene	<0.00014		0.0010	0.00014	mg/L			11/10/18 14:08	1
trans-1,2-Dichloroethene	<0.00019		0.0010	0.00019	mg/L			11/10/18 14:08	1
trans-1,3-Dichloropropene	<0.00067		0.0010	0.00067	mg/L			11/10/18 14:08	1
Trichloroethene	<0.00010		0.0010	0.00010	mg/L			11/10/18 14:08	1
Trichlorofluoromethane	<0.00045		0.0010	0.00045	mg/L			11/10/18 14:08	1
Vinyl chloride	<0.00020		0.0010	0.00020	mg/L			11/10/18 14:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 121*		*11/10/18 14:08*	*1*
4-Bromofluorobenzene (Surr)	*94*		*59 - 120*		*11/10/18 14:08*	*1*
Toluene-d8 (Surr)	*99*		*70 - 123*		*11/10/18 14:08*	*1*

Client Sample Results

Client: Central Wire (Techalloy)
Project/Site: RCRA CMI 2018 Field Investigation

TestAmerica Job ID: 500-154247-1

Client Sample ID: GP-38-85'

Lab Sample ID: 500-154247-4
Date Collected: 11/01/18 11:45
Matrix: Water
Date Received: 11/03/18 09:50

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			11/10/18 14:30	1
1,1,1-Trichloroethane	<0.00024		0.0010	0.00024	mg/L			11/10/18 14:30	1
1,1,2,2-Tetrachloroethane	<0.00013		0.0010	0.00013	mg/L			11/10/18 14:30	1
1,1,2-Trichloroethane	<0.000090		0.0010	0.000090	mg/L			11/10/18 14:30	1
1,1-Dichloroethane	<0.00017		0.0010	0.00017	mg/L			11/10/18 14:30	1
1,1-Dichloroethene	<0.00019		0.0010	0.00019	mg/L			11/10/18 14:30	1
1,1-Dichloropropene	<0.00014		0.0010	0.00014	mg/L			11/10/18 14:30	1
1,2,3-Trichlorobenzene	<0.00054		0.0010	0.00054	mg/L			11/10/18 14:30	1
1,2,3-Trichloropropane	<0.00024		0.0010	0.00024	mg/L			11/10/18 14:30	1
1,2,4-Trichlorobenzene	<0.00026		0.0010	0.00026	mg/L			11/10/18 14:30	1
1,2,4-Trimethylbenzene	**0.00012**	**J**	0.0010	0.000070	mg/L			11/10/18 14:30	1
1,2-Dibromo-3-Chloropropane	<0.00091		0.0020	0.00091	mg/L			11/10/18 14:30	1
1,2-Dibromoethane	<0.00012		0.0010	0.00012	mg/L			11/10/18 14:30	1
1,2-Dichlorobenzene	<0.00015		0.0010	0.00015	mg/L			11/10/18 14:30	1
1,2-Dichloroethane	<0.00021		0.0010	0.00021	mg/L			11/10/18 14:30	1
1,2-Dichloropropane	<0.00015		0.0010	0.00015	mg/L			11/10/18 14:30	1
1,3,5-Trimethylbenzene	<0.00012		0.0010	0.00012	mg/L			11/10/18 14:30	1
1,3-Dichlorobenzene	<0.00015		0.0010	0.00015	mg/L			11/10/18 14:30	1
1,3-Dichloropropane	<0.00021		0.0010	0.00021	mg/L			11/10/18 14:30	1
1,3-Dichloropropene, Total	<0.0013		0.0020	0.0013	mg/L			11/10/18 14:30	1
1,4-Dichlorobenzene	<0.00016		0.0010	0.00016	mg/L			11/10/18 14:30	1
2,2-Dichloropropane	<0.00031		0.0010	0.00031	mg/L			11/10/18 14:30	1
2-Chlorotoluene	<0.00015		0.0010	0.00015	mg/L			11/10/18 14:30	1
2-Hexanone	<0.00054		0.010	0.00054	mg/L			11/10/18 14:30	1
4-Chlorotoluene	<0.000090		0.0010	0.000090	mg/L			11/10/18 14:30	1
Acetone	<0.0054		0.010	0.0054	mg/L			11/10/18 14:30	1
Benzene	**0.00013**	**J**	0.0010	0.00013	mg/L			11/10/18 14:30	1
Bromobenzene	<0.00012		0.0010	0.00012	mg/L			11/10/18 14:30	1
Bromochloromethane	<0.00014		0.0010	0.00014	mg/L			11/10/18 14:30	1
Bromodichloromethane	<0.00017		0.0010	0.00017	mg/L			11/10/18 14:30	1
Bromoform	<0.00076		0.0010	0.00076	mg/L			11/10/18 14:30	1
Bromomethane	<0.00042		0.0010	0.00042	mg/L			11/10/18 14:30	1
Carbon disulfide	**0.00032**	**J**	0.0010	0.00028	mg/L			11/10/18 14:30	1
Carbon tetrachloride	<0.00026		0.0010	0.00026	mg/L			11/10/18 14:30	1
Chlorobenzene	<0.00014		0.0010	0.00014	mg/L			11/10/18 14:30	1
Chloroethane	<0.00083		0.0010	0.00083	mg/L			11/10/18 14:30	1
Chloroform	<0.00013		0.0010	0.00013	mg/L			11/10/18 14:30	1
Chloromethane	<0.00020		0.0010	0.00020	mg/L			11/10/18 14:30	1
cis-1,2-Dichloroethene	<0.00016		0.0010	0.00016	mg/L			11/10/18 14:30	1
cis-1,3-Dichloropropene	<0.00061		0.0010	0.00061	mg/L			11/10/18 14:30	1
Dibromochloromethane	<0.00039		0.0010	0.00039	mg/L			11/10/18 14:30	1
Dibromomethane	<0.000090		0.0010	0.000090	mg/L			11/10/18 14:30	1
Dichlorodifluoromethane	<0.00035		0.0010	0.00035	mg/L			11/10/18 14:30	1
Ethylbenzene	<0.00011		0.0010	0.00011	mg/L			11/10/18 14:30	1
Hexachlorobutadiene	<0.00083		0.0010	0.00083	mg/L			11/10/18 14:30	1
Isopropylbenzene	<0.000090		0.0010	0.000090	mg/L			11/10/18 14:30	1
m&p-Xylene	**0.00015**	**J**	0.0020	0.000080	mg/L			11/10/18 14:30	1
Methyl Ethyl Ketone	<0.0012		0.010	0.0012	mg/L			11/10/18 14:30	1
methyl isobutyl ketone	<0.00042		0.010	0.00042	mg/L			11/10/18 14:30	1

Client Sample Results

Client: Central Wire (Techalloy)
Project/Site: RCRA CMI 2018 Field Investigation

TestAmerica Job ID: 500-154247-1

Client Sample ID: GP-38-85'
Date Collected: 11/01/18 11:45
Date Received: 11/03/18 09:50

Lab Sample ID: 500-154247-4
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			11/10/18 14:30	1
Methylene Chloride	<0.0026		0.0050	0.0026	mg/L			11/10/18 14:30	1
Naphthalene	<0.00032		0.0010	0.00032	mg/L			11/10/18 14:30	1
n-Butylbenzene	<0.00014		0.0010	0.00014	mg/L			11/10/18 14:30	1
N-Propylbenzene	<0.00015		0.0010	0.00015	mg/L			11/10/18 14:30	1
o-Xylene	<0.000090		0.0010	0.000090	mg/L			11/10/18 14:30	1
p-Isopropyltoluene	<0.00013		0.0010	0.00013	mg/L			11/10/18 14:30	1
sec-Butylbenzene	<0.00013		0.0010	0.00013	mg/L			11/10/18 14:30	1
Styrene	<0.00010		0.0010	0.00010	mg/L			11/10/18 14:30	1
tert-Butylbenzene	<0.00014		0.0010	0.00014	mg/L			11/10/18 14:30	1
Tetrachloroethene	<0.00015		0.0010	0.00015	mg/L			11/10/18 14:30	1
Toluene	**0.00030**	**J**	0.0010	0.00014	mg/L			11/10/18 14:30	1
trans-1,2-Dichloroethene	<0.00019		0.0010	0.00019	mg/L			11/10/18 14:30	1
trans-1,3-Dichloropropene	<0.00067		0.0010	0.00067	mg/L			11/10/18 14:30	1
Trichloroethene	<0.00010		0.0010	0.00010	mg/L			11/10/18 14:30	1
Trichlorofluoromethane	<0.00045		0.0010	0.00045	mg/L			11/10/18 14:30	1
Vinyl chloride	<0.00020		0.0010	0.00020	mg/L			11/10/18 14:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 121*		*11/10/18 14:30*	*1*
4-Bromofluorobenzene (Surr)	*93*		*59 - 120*		*11/10/18 14:30*	*1*
Toluene-d8 (Surr)	*97*		*70 - 123*		*11/10/18 14:30*	*1*

Client Sample Results

Client: Central Wire (Techalloy)
Project/Site: RCRA CMI 2018 Field Investigation

TestAmerica Job ID: 500-154247-1

Client Sample ID: GP-38-57'

Lab Sample ID: 500-154247-5
Date Collected: 11/01/18 12:40
Matrix: Water
Date Received: 11/03/18 09:50

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			11/10/18 14:53	1
1,1,1-Trichloroethane	<0.00024		0.0010	0.00024	mg/L			11/10/18 14:53	1
1,1,2,2-Tetrachloroethane	<0.00013		0.0010	0.00013	mg/L			11/10/18 14:53	1
1,1,2-Trichloroethane	<0.000090		0.0010	0.000090	mg/L			11/10/18 14:53	1
1,1-Dichloroethane	<0.00017		0.0010	0.00017	mg/L			11/10/18 14:53	1
1,1-Dichloroethene	<0.00019		0.0010	0.00019	mg/L			11/10/18 14:53	1
1,1-Dichloropropene	<0.00014		0.0010	0.00014	mg/L			11/10/18 14:53	1
1,2,3-Trichlorobenzene	<0.00054		0.0010	0.00054	mg/L			11/10/18 14:53	1
1,2,3-Trichloropropane	<0.00024		0.0010	0.00024	mg/L			11/10/18 14:53	1
1,2,4-Trichlorobenzene	<0.00026		0.0010	0.00026	mg/L			11/10/18 14:53	1
1,2,4-Trimethylbenzene	**0.00011**	**J**	0.0010	0.000070	mg/L			11/10/18 14:53	1
1,2-Dibromo-3-Chloropropane	<0.00091		0.0020	0.00091	mg/L			11/10/18 14:53	1
1,2-Dibromoethane	<0.00012		0.0010	0.00012	mg/L			11/10/18 14:53	1
1,2-Dichlorobenzene	<0.00015		0.0010	0.00015	mg/L			11/10/18 14:53	1
1,2-Dichloroethane	<0.00021		0.0010	0.00021	mg/L			11/10/18 14:53	1
1,2-Dichloropropane	<0.00015		0.0010	0.00015	mg/L			11/10/18 14:53	1
1,3,5-Trimethylbenzene	<0.00012		0.0010	0.00012	mg/L			11/10/18 14:53	1
1,3-Dichlorobenzene	<0.00015		0.0010	0.00015	mg/L			11/10/18 14:53	1
1,3-Dichloropropane	<0.00021		0.0010	0.00021	mg/L			11/10/18 14:53	1
1,3-Dichloropropene, Total	<0.0013		0.0020	0.0013	mg/L			11/10/18 14:53	1
1,4-Dichlorobenzene	<0.00016		0.0010	0.00016	mg/L			11/10/18 14:53	1
2,2-Dichloropropane	<0.00031		0.0010	0.00031	mg/L			11/10/18 14:53	1
2-Chlorotoluene	<0.00015		0.0010	0.00015	mg/L			11/10/18 14:53	1
2-Hexanone	<0.00054		0.010	0.00054	mg/L			11/10/18 14:53	1
4-Chlorotoluene	<0.000090		0.0010	0.000090	mg/L			11/10/18 14:53	1
Acetone	<0.0054		0.010	0.0054	mg/L			11/10/18 14:53	1
Benzene	**0.00014**	**J**	0.0010	0.00013	mg/L			11/10/18 14:53	1
Bromobenzene	<0.00012		0.0010	0.00012	mg/L			11/10/18 14:53	1
Bromochloromethane	<0.00014		0.0010	0.00014	mg/L			11/10/18 14:53	1
Bromodichloromethane	<0.00017		0.0010	0.00017	mg/L			11/10/18 14:53	1
Bromoform	<0.00076		0.0010	0.00076	mg/L			11/10/18 14:53	1
Bromomethane	<0.00042		0.0010	0.00042	mg/L			11/10/18 14:53	1
Carbon disulfide	<0.00028		0.0010	0.00028	mg/L			11/10/18 14:53	1
Carbon tetrachloride	<0.00026		0.0010	0.00026	mg/L			11/10/18 14:53	1
Chlorobenzene	<0.00014		0.0010	0.00014	mg/L			11/10/18 14:53	1
Chloroethane	<0.00083		0.0010	0.00083	mg/L			11/10/18 14:53	1
Chloroform	<0.00013		0.0010	0.00013	mg/L			11/10/18 14:53	1
Chloromethane	<0.00020		0.0010	0.00020	mg/L			11/10/18 14:53	1
cis-1,2-Dichloroethene	<0.00016		0.0010	0.00016	mg/L			11/10/18 14:53	1
cis-1,3-Dichloropropene	<0.00061		0.0010	0.00061	mg/L			11/10/18 14:53	1
Dibromochloromethane	<0.00039		0.0010	0.00039	mg/L			11/10/18 14:53	1
Dibromomethane	<0.000090		0.0010	0.000090	mg/L			11/10/18 14:53	1
Dichlorodifluoromethane	<0.00035		0.0010	0.00035	mg/L			11/10/18 14:53	1
Ethylbenzene	<0.00011		0.0010	0.00011	mg/L			11/10/18 14:53	1
Hexachlorobutadiene	<0.00083		0.0010	0.00083	mg/L			11/10/18 14:53	1
Isopropylbenzene	<0.000090		0.0010	0.000090	mg/L			11/10/18 14:53	1
m&p-Xylene	**0.00012**	**J**	0.0020	0.000080	mg/L			11/10/18 14:53	1
Methyl Ethyl Ketone	<0.0012		0.010	0.0012	mg/L			11/10/18 14:53	1
methyl isobutyl ketone	<0.00042		0.010	0.00042	mg/L			11/10/18 14:53	1

Client Sample Results

Client: Central Wire (Techalloy)
Project/Site: RCRA CMI 2018 Field Investigation

TestAmerica Job ID: 500-154247-1

Client Sample ID: GP-38-57'
Date Collected: 11/01/18 12:40
Date Received: 11/03/18 09:50

Lab Sample ID: 500-154247-5
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			11/10/18 14:53	1
Methylene Chloride	<0.0026		0.0050	0.0026	mg/L			11/10/18 14:53	1
Naphthalene	<0.00032		0.0010	0.00032	mg/L			11/10/18 14:53	1
n-Butylbenzene	<0.00014		0.0010	0.00014	mg/L			11/10/18 14:53	1
N-Propylbenzene	<0.00015		0.0010	0.00015	mg/L			11/10/18 14:53	1
o-Xylene	<0.000090		0.0010	0.000090	mg/L			11/10/18 14:53	1
p-Isopropyltoluene	<0.00013		0.0010	0.00013	mg/L			11/10/18 14:53	1
sec-Butylbenzene	<0.00013		0.0010	0.00013	mg/L			11/10/18 14:53	1
Styrene	<0.00010		0.0010	0.00010	mg/L			11/10/18 14:53	1
tert-Butylbenzene	<0.00014		0.0010	0.00014	mg/L			11/10/18 14:53	1
Tetrachloroethene	<0.00015		0.0010	0.00015	mg/L			11/10/18 14:53	1
Toluene	**0.00024**	**J**	0.0010	0.00014	mg/L			11/10/18 14:53	1
trans-1,2-Dichloroethene	<0.00019		0.0010	0.00019	mg/L			11/10/18 14:53	1
trans-1,3-Dichloropropene	<0.00067		0.0010	0.00067	mg/L			11/10/18 14:53	1
Trichloroethene	<0.00010		0.0010	0.00010	mg/L			11/10/18 14:53	1
Trichlorofluoromethane	<0.00045		0.0010	0.00045	mg/L			11/10/18 14:53	1
Vinyl chloride	<0.00020		0.0010	0.00020	mg/L			11/10/18 14:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*70 - 121*		*11/10/18 14:53*	*1*
4-Bromofluorobenzene (Surr)	*96*		*59 - 120*		*11/10/18 14:53*	*1*
Toluene-d8 (Surr)	*100*		*70 - 123*		*11/10/18 14:53*	*1*

Client Sample Results

Client: Central Wire (Techalloy)
Project/Site: RCRA CMI 2018 Field Investigation

TestAmerica Job ID: 500-154247-1

Client Sample ID: GP-38-27'

Lab Sample ID: 500-154247-6
Matrix: Water

Date Collected: 11/01/18 13:30
Date Received: 11/03/18 09:50

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			11/10/18 15:15	1
1,1,1-Trichloroethane	<0.00024		0.0010	0.00024	mg/L			11/10/18 15:15	1
1,1,2,2-Tetrachloroethane	<0.00013		0.0010	0.00013	mg/L			11/10/18 15:15	1
1,1,2-Trichloroethane	<0.000090		0.0010	0.000090	mg/L			11/10/18 15:15	1
1,1-Dichloroethane	**0.00021**	**J**	0.0010	0.00017	mg/L			11/10/18 15:15	1
1,1-Dichloroethene	<0.00019		0.0010	0.00019	mg/L			11/10/18 15:15	1
1,1-Dichloropropene	<0.00014		0.0010	0.00014	mg/L			11/10/18 15:15	1
1,2,3-Trichlorobenzene	<0.00054		0.0010	0.00054	mg/L			11/10/18 15:15	1
1,2,3-Trichloropropane	<0.00024		0.0010	0.00024	mg/L			11/10/18 15:15	1
1,2,4-Trichlorobenzene	<0.00026		0.0010	0.00026	mg/L			11/10/18 15:15	1
1,2,4-Trimethylbenzene	<0.000070		0.0010	0.000070	mg/L			11/10/18 15:15	1
1,2-Dibromo-3-Chloropropane	<0.00091		0.0020	0.00091	mg/L			11/10/18 15:15	1
1,2-Dibromoethane	<0.00012		0.0010	0.00012	mg/L			11/10/18 15:15	1
1,2-Dichlorobenzene	<0.00015		0.0010	0.00015	mg/L			11/10/18 15:15	1
1,2-Dichloroethane	<0.00021		0.0010	0.00021	mg/L			11/10/18 15:15	1
1,2-Dichloropropane	<0.00015		0.0010	0.00015	mg/L			11/10/18 15:15	1
1,3,5-Trimethylbenzene	<0.00012		0.0010	0.00012	mg/L			11/10/18 15:15	1
1,3-Dichlorobenzene	<0.00015		0.0010	0.00015	mg/L			11/10/18 15:15	1
1,3-Dichloropropane	<0.00021		0.0010	0.00021	mg/L			11/10/18 15:15	1
1,3-Dichloropropene, Total	<0.0013		0.0020	0.0013	mg/L			11/10/18 15:15	1
1,4-Dichlorobenzene	<0.00016		0.0010	0.00016	mg/L			11/10/18 15:15	1
2,2-Dichloropropane	<0.00031		0.0010	0.00031	mg/L			11/10/18 15:15	1
2-Chlorotoluene	<0.00015		0.0010	0.00015	mg/L			11/10/18 15:15	1
2-Hexanone	<0.00054		0.010	0.00054	mg/L			11/10/18 15:15	1
4-Chlorotoluene	<0.000090		0.0010	0.000090	mg/L			11/10/18 15:15	1
Acetone	<0.0054		0.010	0.0054	mg/L			11/10/18 15:15	1
Benzene	<0.00013		0.0010	0.00013	mg/L			11/10/18 15:15	1
Bromobenzene	<0.00012		0.0010	0.00012	mg/L			11/10/18 15:15	1
Bromochloromethane	<0.00014		0.0010	0.00014	mg/L			11/10/18 15:15	1
Bromodichloromethane	<0.00017		0.0010	0.00017	mg/L			11/10/18 15:15	1
Bromoform	<0.00076		0.0010	0.00076	mg/L			11/10/18 15:15	1
Bromomethane	<0.00042		0.0010	0.00042	mg/L			11/10/18 15:15	1
Carbon disulfide	<0.00028		0.0010	0.00028	mg/L			11/10/18 15:15	1
Carbon tetrachloride	<0.00026		0.0010	0.00026	mg/L			11/10/18 15:15	1
Chlorobenzene	<0.00014		0.0010	0.00014	mg/L			11/10/18 15:15	1
Chloroethane	<0.00083		0.0010	0.00083	mg/L			11/10/18 15:15	1
Chloroform	<0.00013		0.0010	0.00013	mg/L			11/10/18 15:15	1
Chloromethane	<0.00020		0.0010	0.00020	mg/L			11/10/18 15:15	1
cis-1,2-Dichloroethene	**0.00021**	**J**	0.0010	0.00016	mg/L			11/10/18 15:15	1
cis-1,3-Dichloropropene	<0.00061		0.0010	0.00061	mg/L			11/10/18 15:15	1
Dibromochloromethane	<0.00039		0.0010	0.00039	mg/L			11/10/18 15:15	1
Dibromomethane	<0.000090		0.0010	0.000090	mg/L			11/10/18 15:15	1
Dichlorodifluoromethane	<0.00035		0.0010	0.00035	mg/L			11/10/18 15:15	1
Ethylbenzene	<0.00011		0.0010	0.00011	mg/L			11/10/18 15:15	1
Hexachlorobutadiene	<0.00083		0.0010	0.00083	mg/L			11/10/18 15:15	1
Isopropylbenzene	<0.000090		0.0010	0.000090	mg/L			11/10/18 15:15	1
m&p-Xylene	**0.00013**	**J**	0.0020	0.000080	mg/L			11/10/18 15:15	1
Methyl Ethyl Ketone	<0.0012		0.010	0.0012	mg/L			11/10/18 15:15	1
methyl isobutyl ketone	<0.00042		0.010	0.00042	mg/L			11/10/18 15:15	1

Client Sample Results

Client: Central Wire (Techalloy)
Project/Site: RCRA CMI 2018 Field Investigation

TestAmerica Job ID: 500-154247-1

Client Sample ID: GP-38-27'

Lab Sample ID: 500-154247-6
Date Collected: 11/01/18 13:30
Matrix: Water
Date Received: 11/03/18 09:50

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			11/10/18 15:15	1
Methylene Chloride	<0.0026		0.0050	0.0026	mg/L			11/10/18 15:15	1
Naphthalene	<0.00032		0.0010	0.00032	mg/L			11/10/18 15:15	1
n-Butylbenzene	<0.00014		0.0010	0.00014	mg/L			11/10/18 15:15	1
N-Propylbenzene	<0.00015		0.0010	0.00015	mg/L			11/10/18 15:15	1
o-Xylene	<0.000090		0.0010	0.000090	mg/L			11/10/18 15:15	1
p-Isopropyltoluene	<0.00013		0.0010	0.00013	mg/L			11/10/18 15:15	1
sec-Butylbenzene	<0.00013		0.0010	0.00013	mg/L			11/10/18 15:15	1
Styrene	<0.00010		0.0010	0.00010	mg/L			11/10/18 15:15	1
tert-Butylbenzene	<0.00014		0.0010	0.00014	mg/L			11/10/18 15:15	1
Tetrachloroethene	<0.00015		0.0010	0.00015	mg/L			11/10/18 15:15	1
Toluene	**0.00022**	**J**	0.0010	0.00014	mg/L			11/10/18 15:15	1
trans-1,2-Dichloroethene	<0.00019		0.0010	0.00019	mg/L			11/10/18 15:15	1
trans-1,3-Dichloropropene	<0.00067		0.0010	0.00067	mg/L			11/10/18 15:15	1
Trichloroethene	<0.00010		0.0010	0.00010	mg/L			11/10/18 15:15	1
Trichlorofluoromethane	<0.00045		0.0010	0.00045	mg/L			11/10/18 15:15	1
Vinyl chloride	<0.00020		0.0010	0.00020	mg/L			11/10/18 15:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*70 - 121*		*11/10/18 15:15*	*1*
4-Bromofluorobenzene (Surr)	*95*		*59 - 120*		*11/10/18 15:15*	*1*
Toluene-d8 (Surr)	*101*		*70 - 123*		*11/10/18 15:15*	*1*

Client Sample Results

Client: Central Wire (Techalloy)
Project/Site: RCRA CMI 2018 Field Investigation

TestAmerica Job ID: 500-154247-1

Client Sample ID: GP-42-85'

Lab Sample ID: 500-154247-7
Date Collected: 11/01/18 15:15
Matrix: Water
Date Received: 11/03/18 09:50

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			11/10/18 15:37	1
1,1,1-Trichloroethane	<0.00024		0.0010	0.00024	mg/L			11/10/18 15:37	1
1,1,2,2-Tetrachloroethane	<0.00013		0.0010	0.00013	mg/L			11/10/18 15:37	1
1,1,2-Trichloroethane	<0.000090		0.0010	0.000090	mg/L			11/10/18 15:37	1
1,1-Dichloroethane	<0.00017		0.0010	0.00017	mg/L			11/10/18 15:37	1
1,1-Dichloroethene	<0.00019		0.0010	0.00019	mg/L			11/10/18 15:37	1
1,1-Dichloropropene	<0.00014		0.0010	0.00014	mg/L			11/10/18 15:37	1
1,2,3-Trichlorobenzene	<0.00054		0.0010	0.00054	mg/L			11/10/18 15:37	1
1,2,3-Trichloropropane	<0.00024		0.0010	0.00024	mg/L			11/10/18 15:37	1
1,2,4-Trichlorobenzene	<0.00026		0.0010	0.00026	mg/L			11/10/18 15:37	1
1,2,4-Trimethylbenzene	**0.00012**	**J**	0.0010	0.000070	mg/L			11/10/18 15:37	1
1,2-Dibromo-3-Chloropropane	<0.00091		0.0020	0.00091	mg/L			11/10/18 15:37	1
1,2-Dibromoethane	<0.00012		0.0010	0.00012	mg/L			11/10/18 15:37	1
1,2-Dichlorobenzene	<0.00015		0.0010	0.00015	mg/L			11/10/18 15:37	1
1,2-Dichloroethane	<0.00021		0.0010	0.00021	mg/L			11/10/18 15:37	1
1,2-Dichloropropane	<0.00015		0.0010	0.00015	mg/L			11/10/18 15:37	1
1,3,5-Trimethylbenzene	<0.00012		0.0010	0.00012	mg/L			11/10/18 15:37	1
1,3-Dichlorobenzene	<0.00015		0.0010	0.00015	mg/L			11/10/18 15:37	1
1,3-Dichloropropane	<0.00021		0.0010	0.00021	mg/L			11/10/18 15:37	1
1,3-Dichloropropene, Total	<0.0013		0.0020	0.0013	mg/L			11/10/18 15:37	1
1,4-Dichlorobenzene	<0.00016		0.0010	0.00016	mg/L			11/10/18 15:37	1
2,2-Dichloropropane	<0.00031		0.0010	0.00031	mg/L			11/10/18 15:37	1
2-Chlorotoluene	<0.00015		0.0010	0.00015	mg/L			11/10/18 15:37	1
2-Hexanone	<0.00054		0.010	0.00054	mg/L			11/10/18 15:37	1
4-Chlorotoluene	<0.000090		0.0010	0.000090	mg/L			11/10/18 15:37	1
Acetone	<0.0054		0.010	0.0054	mg/L			11/10/18 15:37	1
Benzene	**0.00023**	**J**	0.0010	0.00013	mg/L			11/10/18 15:37	1
Bromobenzene	<0.00012		0.0010	0.00012	mg/L			11/10/18 15:37	1
Bromochloromethane	<0.00014		0.0010	0.00014	mg/L			11/10/18 15:37	1
Bromodichloromethane	<0.00017		0.0010	0.00017	mg/L			11/10/18 15:37	1
Bromoform	<0.00076		0.0010	0.00076	mg/L			11/10/18 15:37	1
Bromomethane	<0.00042		0.0010	0.00042	mg/L			11/10/18 15:37	1
Carbon disulfide	**0.00037**	**J**	0.0010	0.00028	mg/L			11/10/18 15:37	1
Carbon tetrachloride	<0.00026		0.0010	0.00026	mg/L			11/10/18 15:37	1
Chlorobenzene	<0.00014		0.0010	0.00014	mg/L			11/10/18 15:37	1
Chloroethane	<0.00083		0.0010	0.00083	mg/L			11/10/18 15:37	1
Chloroform	<0.00013		0.0010	0.00013	mg/L			11/10/18 15:37	1
Chloromethane	<0.00020		0.0010	0.00020	mg/L			11/10/18 15:37	1
cis-1,2-Dichloroethene	<0.00016		0.0010	0.00016	mg/L			11/10/18 15:37	1
cis-1,3-Dichloropropene	<0.00061		0.0010	0.00061	mg/L			11/10/18 15:37	1
Dibromochloromethane	<0.00039		0.0010	0.00039	mg/L			11/10/18 15:37	1
Dibromomethane	<0.000090		0.0010	0.000090	mg/L			11/10/18 15:37	1
Dichlorodifluoromethane	<0.00035		0.0010	0.00035	mg/L			11/10/18 15:37	1
Ethylbenzene	<0.00011		0.0010	0.00011	mg/L			11/10/18 15:37	1
Hexachlorobutadiene	<0.00083		0.0010	0.00083	mg/L			11/10/18 15:37	1
Isopropylbenzene	<0.000090		0.0010	0.000090	mg/L			11/10/18 15:37	1
m&p-Xylene	**0.00016**	**J**	0.0020	0.000080	mg/L			11/10/18 15:37	1
Methyl Ethyl Ketone	<0.0012		0.010	0.0012	mg/L			11/10/18 15:37	1
methyl isobutyl ketone	<0.00042		0.010	0.00042	mg/L			11/10/18 15:37	1

Client Sample Results

Client: Central Wire (Techalloy)
Project/Site: RCRA CMI 2018 Field Investigation

TestAmerica Job ID: 500-154247-1

Client Sample ID: GP-42-85'

Lab Sample ID: 500-154247-7

Date Collected: 11/01/18 15:15
Date Received: 11/03/18 09:50

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			11/10/18 15:37	1
Methylene Chloride	<0.0026		0.0050	0.0026	mg/L			11/10/18 15:37	1
Naphthalene	<0.00032		0.0010	0.00032	mg/L			11/10/18 15:37	1
n-Butylbenzene	<0.00014		0.0010	0.00014	mg/L			11/10/18 15:37	1
N-Propylbenzene	<0.00015		0.0010	0.00015	mg/L			11/10/18 15:37	1
o-Xylene	<0.000090		0.0010	0.000090	mg/L			11/10/18 15:37	1
p-Isopropyltoluene	<0.00013		0.0010	0.00013	mg/L			11/10/18 15:37	1
sec-Butylbenzene	<0.00013		0.0010	0.00013	mg/L			11/10/18 15:37	1
Styrene	<0.00010		0.0010	0.00010	mg/L			11/10/18 15:37	1
tert-Butylbenzene	<0.00014		0.0010	0.00014	mg/L			11/10/18 15:37	1
Tetrachloroethene	<0.00015		0.0010	0.00015	mg/L			11/10/18 15:37	1
Toluene	**0.00041**	**J**	0.0010	0.00014	mg/L			11/10/18 15:37	1
trans-1,2-Dichloroethene	<0.00019		0.0010	0.00019	mg/L			11/10/18 15:37	1
trans-1,3-Dichloropropene	<0.00067		0.0010	0.00067	mg/L			11/10/18 15:37	1
Trichloroethene	<0.00010		0.0010	0.00010	mg/L			11/10/18 15:37	1
Trichlorofluoromethane	<0.00045		0.0010	0.00045	mg/L			11/10/18 15:37	1
Vinyl chloride	<0.00020		0.0010	0.00020	mg/L			11/10/18 15:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 121*		*11/10/18 15:37*	*1*
4-Bromofluorobenzene (Surr)	*93*		*59 - 120*		*11/10/18 15:37*	*1*
Toluene-d8 (Surr)	*100*		*70 - 123*		*11/10/18 15:37*	*1*

Client Sample Results

Client: Central Wire (Techalloy)
Project/Site: RCRA CMI 2018 Field Investigation

TestAmerica Job ID: 500-154247-1

Client Sample ID: GP-42-57'

Lab Sample ID: 500-154247-8
Date Collected: 11/01/18 16:05
Matrix: Water
Date Received: 11/03/18 09:50

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			11/10/18 16:00	1
1,1,1-Trichloroethane	<0.00024		0.0010	0.00024	mg/L			11/10/18 16:00	1
1,1,2,2-Tetrachloroethane	<0.00013		0.0010	0.00013	mg/L			11/10/18 16:00	1
1,1,2-Trichloroethane	<0.000090		0.0010	0.000090	mg/L			11/10/18 16:00	1
1,1-Dichloroethane	<0.00017		0.0010	0.00017	mg/L			11/10/18 16:00	1
1,1-Dichloroethene	<0.00019		0.0010	0.00019	mg/L			11/10/18 16:00	1
1,1-Dichloropropene	<0.00014		0.0010	0.00014	mg/L			11/10/18 16:00	1
1,2,3-Trichlorobenzene	<0.00054		0.0010	0.00054	mg/L			11/10/18 16:00	1
1,2,3-Trichloropropane	<0.00024		0.0010	0.00024	mg/L			11/10/18 16:00	1
1,2,4-Trichlorobenzene	<0.00026		0.0010	0.00026	mg/L			11/10/18 16:00	1
1,2,4-Trimethylbenzene	**0.00012**	**J**	0.0010	0.000070	mg/L			11/10/18 16:00	1
1,2-Dibromo-3-Chloropropane	<0.00091		0.0020	0.00091	mg/L			11/10/18 16:00	1
1,2-Dibromoethane	<0.00012		0.0010	0.00012	mg/L			11/10/18 16:00	1
1,2-Dichlorobenzene	<0.00015		0.0010	0.00015	mg/L			11/10/18 16:00	1
1,2-Dichloroethane	<0.00021		0.0010	0.00021	mg/L			11/10/18 16:00	1
1,2-Dichloropropane	<0.00015		0.0010	0.00015	mg/L			11/10/18 16:00	1
1,3,5-Trimethylbenzene	<0.00012		0.0010	0.00012	mg/L			11/10/18 16:00	1
1,3-Dichlorobenzene	<0.00015		0.0010	0.00015	mg/L			11/10/18 16:00	1
1,3-Dichloropropane	<0.00021		0.0010	0.00021	mg/L			11/10/18 16:00	1
1,3-Dichloropropene, Total	<0.0013		0.0020	0.0013	mg/L			11/10/18 16:00	1
1,4-Dichlorobenzene	<0.00016		0.0010	0.00016	mg/L			11/10/18 16:00	1
2,2-Dichloropropane	<0.00031		0.0010	0.00031	mg/L			11/10/18 16:00	1
2-Chlorotoluene	<0.00015		0.0010	0.00015	mg/L			11/10/18 16:00	1
2-Hexanone	<0.00054		0.010	0.00054	mg/L			11/10/18 16:00	1
4-Chlorotoluene	<0.000090		0.0010	0.000090	mg/L			11/10/18 16:00	1
Acetone	<0.0054		0.010	0.0054	mg/L			11/10/18 16:00	1
Benzene	**0.00017**	**J**	0.0010	0.00013	mg/L			11/10/18 16:00	1
Bromobenzene	<0.00012		0.0010	0.00012	mg/L			11/10/18 16:00	1
Bromochloromethane	<0.00014		0.0010	0.00014	mg/L			11/10/18 16:00	1
Bromodichloromethane	<0.00017		0.0010	0.00017	mg/L			11/10/18 16:00	1
Bromoform	<0.00076		0.0010	0.00076	mg/L			11/10/18 16:00	1
Bromomethane	<0.00042		0.0010	0.00042	mg/L			11/10/18 16:00	1
Carbon disulfide	**0.00035**	**J**	0.0010	0.00028	mg/L			11/10/18 16:00	1
Carbon tetrachloride	<0.00026		0.0010	0.00026	mg/L			11/10/18 16:00	1
Chlorobenzene	<0.00014		0.0010	0.00014	mg/L			11/10/18 16:00	1
Chloroethane	<0.00083		0.0010	0.00083	mg/L			11/10/18 16:00	1
Chloroform	<0.00013		0.0010	0.00013	mg/L			11/10/18 16:00	1
Chloromethane	<0.00020		0.0010	0.00020	mg/L			11/10/18 16:00	1
cis-1,2-Dichloroethene	<0.00016		0.0010	0.00016	mg/L			11/10/18 16:00	1
cis-1,3-Dichloropropene	<0.00061		0.0010	0.00061	mg/L			11/10/18 16:00	1
Dibromochloromethane	<0.00039		0.0010	0.00039	mg/L			11/10/18 16:00	1
Dibromomethane	<0.000090		0.0010	0.000090	mg/L			11/10/18 16:00	1
Dichlorodifluoromethane	<0.00035		0.0010	0.00035	mg/L			11/10/18 16:00	1
Ethylbenzene	<0.00011		0.0010	0.00011	mg/L			11/10/18 16:00	1
Hexachlorobutadiene	<0.00083		0.0010	0.00083	mg/L			11/10/18 16:00	1
Isopropylbenzene	<0.000090		0.0010	0.000090	mg/L			11/10/18 16:00	1
m&p-Xylene	**0.00014**	**J**	0.0020	0.000080	mg/L			11/10/18 16:00	1
Methyl Ethyl Ketone	<0.0012		0.010	0.0012	mg/L			11/10/18 16:00	1
methyl isobutyl ketone	<0.00042		0.010	0.00042	mg/L			11/10/18 16:00	1

Client Sample Results

Client: Central Wire (Techalloy)
Project/Site: RCRA CMI 2018 Field Investigation

TestAmerica Job ID: 500-154247-1

Client Sample ID: GP-42-57'
Date Collected: 11/01/18 16:05
Date Received: 11/03/18 09:50

Lab Sample ID: 500-154247-8
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			11/10/18 16:00	1
Methylene Chloride	<0.0026		0.0050	0.0026	mg/L			11/10/18 16:00	1
Naphthalene	<0.00032		0.0010	0.00032	mg/L			11/10/18 16:00	1
n-Butylbenzene	<0.00014		0.0010	0.00014	mg/L			11/10/18 16:00	1
N-Propylbenzene	<0.00015		0.0010	0.00015	mg/L			11/10/18 16:00	1
o-Xylene	<0.000090		0.0010	0.000090	mg/L			11/10/18 16:00	1
p-Isopropyltoluene	<0.00013		0.0010	0.00013	mg/L			11/10/18 16:00	1
sec-Butylbenzene	<0.00013		0.0010	0.00013	mg/L			11/10/18 16:00	1
Styrene	<0.00010		0.0010	0.00010	mg/L			11/10/18 16:00	1
tert-Butylbenzene	<0.00014		0.0010	0.00014	mg/L			11/10/18 16:00	1
Tetrachloroethene	<0.00015		0.0010	0.00015	mg/L			11/10/18 16:00	1
Toluene	**0.00035**	**J**	0.0010	0.00014	mg/L			11/10/18 16:00	1
trans-1,2-Dichloroethene	<0.00019		0.0010	0.00019	mg/L			11/10/18 16:00	1
trans-1,3-Dichloropropene	<0.00067		0.0010	0.00067	mg/L			11/10/18 16:00	1
Trichloroethene	<0.00010		0.0010	0.00010	mg/L			11/10/18 16:00	1
Trichlorofluoromethane	<0.00045		0.0010	0.00045	mg/L			11/10/18 16:00	1
Vinyl chloride	<0.00020		0.0010	0.00020	mg/L			11/10/18 16:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*70 - 121*		*11/10/18 16:00*	*1*
4-Bromofluorobenzene (Surr)	*97*		*59 - 120*		*11/10/18 16:00*	*1*
Toluene-d8 (Surr)	*101*		*70 - 123*		*11/10/18 16:00*	*1*

Client Sample Results

Client: Central Wire (Techalloy)
Project/Site: RCRA CMI 2018 Field Investigation

TestAmerica Job ID: 500-154247-1

Client Sample ID: GP-42-27'

Lab Sample ID: 500-154247-9
Date Collected: 11/01/18 16:55
Matrix: Water
Date Received: 11/03/18 09:50

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			11/10/18 16:22	1
1,1,1-Trichloroethane	<0.00024		0.0010	0.00024	mg/L			11/10/18 16:22	1
1,1,2,2-Tetrachloroethane	<0.00013		0.0010	0.00013	mg/L			11/10/18 16:22	1
1,1,2-Trichloroethane	<0.000090		0.0010	0.000090	mg/L			11/10/18 16:22	1
1,1-Dichloroethane	<0.00017		0.0010	0.00017	mg/L			11/10/18 16:22	1
1,1-Dichloroethene	<0.00019		0.0010	0.00019	mg/L			11/10/18 16:22	1
1,1-Dichloropropene	<0.00014		0.0010	0.00014	mg/L			11/10/18 16:22	1
1,2,3-Trichlorobenzene	<0.00054		0.0010	0.00054	mg/L			11/10/18 16:22	1
1,2,3-Trichloropropane	<0.00024		0.0010	0.00024	mg/L			11/10/18 16:22	1
1,2,4-Trichlorobenzene	<0.00026		0.0010	0.00026	mg/L			11/10/18 16:22	1
1,2,4-Trimethylbenzene	**0.00013**	**J**	0.0010	0.000070	mg/L			11/10/18 16:22	1
1,2-Dibromo-3-Chloropropane	<0.00091		0.0020	0.00091	mg/L			11/10/18 16:22	1
1,2-Dibromoethane	<0.00012		0.0010	0.00012	mg/L			11/10/18 16:22	1
1,2-Dichlorobenzene	<0.00015		0.0010	0.00015	mg/L			11/10/18 16:22	1
1,2-Dichloroethane	<0.00021		0.0010	0.00021	mg/L			11/10/18 16:22	1
1,2-Dichloropropane	<0.00015		0.0010	0.00015	mg/L			11/10/18 16:22	1
1,3,5-Trimethylbenzene	<0.00012		0.0010	0.00012	mg/L			11/10/18 16:22	1
1,3-Dichlorobenzene	<0.00015		0.0010	0.00015	mg/L			11/10/18 16:22	1
1,3-Dichloropropane	<0.00021		0.0010	0.00021	mg/L			11/10/18 16:22	1
1,3-Dichloropropene, Total	<0.0013		0.0020	0.0013	mg/L			11/10/18 16:22	1
1,4-Dichlorobenzene	<0.00016		0.0010	0.00016	mg/L			11/10/18 16:22	1
2,2-Dichloropropane	<0.00031		0.0010	0.00031	mg/L			11/10/18 16:22	1
2-Chlorotoluene	<0.00015		0.0010	0.00015	mg/L			11/10/18 16:22	1
2-Hexanone	<0.00054		0.010	0.00054	mg/L			11/10/18 16:22	1
4-Chlorotoluene	<0.000090		0.0010	0.000090	mg/L			11/10/18 16:22	1
Acetone	<0.0054		0.010	0.0054	mg/L			11/10/18 16:22	1
Benzene	**0.00016**	**J**	0.0010	0.00013	mg/L			11/10/18 16:22	1
Bromobenzene	<0.00012		0.0010	0.00012	mg/L			11/10/18 16:22	1
Bromochloromethane	<0.00014		0.0010	0.00014	mg/L			11/10/18 16:22	1
Bromodichloromethane	<0.00017		0.0010	0.00017	mg/L			11/10/18 16:22	1
Bromoform	<0.00076		0.0010	0.00076	mg/L			11/10/18 16:22	1
Bromomethane	<0.00042		0.0010	0.00042	mg/L			11/10/18 16:22	1
Carbon disulfide	<0.00028		0.0010	0.00028	mg/L			11/10/18 16:22	1
Carbon tetrachloride	<0.00026		0.0010	0.00026	mg/L			11/10/18 16:22	1
Chlorobenzene	<0.00014		0.0010	0.00014	mg/L			11/10/18 16:22	1
Chloroethane	<0.00083		0.0010	0.00083	mg/L			11/10/18 16:22	1
Chloroform	<0.00013		0.0010	0.00013	mg/L			11/10/18 16:22	1
Chloromethane	<0.00020		0.0010	0.00020	mg/L			11/10/18 16:22	1
cis-1,2-Dichloroethene	<0.00016		0.0010	0.00016	mg/L			11/10/18 16:22	1
cis-1,3-Dichloropropene	<0.00061		0.0010	0.00061	mg/L			11/10/18 16:22	1
Dibromochloromethane	<0.00039		0.0010	0.00039	mg/L			11/10/18 16:22	1
Dibromomethane	<0.000090		0.0010	0.000090	mg/L			11/10/18 16:22	1
Dichlorodifluoromethane	<0.00035		0.0010	0.00035	mg/L			11/10/18 16:22	1
Ethylbenzene	<0.00011		0.0010	0.00011	mg/L			11/10/18 16:22	1
Hexachlorobutadiene	<0.00083		0.0010	0.00083	mg/L			11/10/18 16:22	1
Isopropylbenzene	<0.000090		0.0010	0.000090	mg/L			11/10/18 16:22	1
m&p-Xylene	**0.00014**	**J**	0.0020	0.000080	mg/L			11/10/18 16:22	1
Methyl Ethyl Ketone	<0.0012		0.010	0.0012	mg/L			11/10/18 16:22	1
methyl isobutyl ketone	<0.00042		0.010	0.00042	mg/L			11/10/18 16:22	1

Client Sample Results

Client: Central Wire (Techalloy)
Project/Site: RCRA CMI 2018 Field Investigation

TestAmerica Job ID: 500-154247-1

Client Sample ID: GP-42-27'
Date Collected: 11/01/18 16:55
Date Received: 11/03/18 09:50

Lab Sample ID: 500-154247-9
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			11/10/18 16:22	1
Methylene Chloride	<0.0026		0.0050	0.0026	mg/L			11/10/18 16:22	1
Naphthalene	<0.00032		0.0010	0.00032	mg/L			11/10/18 16:22	1
n-Butylbenzene	<0.00014		0.0010	0.00014	mg/L			11/10/18 16:22	1
N-Propylbenzene	<0.00015		0.0010	0.00015	mg/L			11/10/18 16:22	1
o-Xylene	<0.000090		0.0010	0.000090	mg/L			11/10/18 16:22	1
p-Isopropyltoluene	<0.00013		0.0010	0.00013	mg/L			11/10/18 16:22	1
sec-Butylbenzene	<0.00013		0.0010	0.00013	mg/L			11/10/18 16:22	1
Styrene	<0.00010		0.0010	0.00010	mg/L			11/10/18 16:22	1
tert-Butylbenzene	<0.00014		0.0010	0.00014	mg/L			11/10/18 16:22	1
Tetrachloroethene	<0.00015		0.0010	0.00015	mg/L			11/10/18 16:22	1
Toluene	**0.00034**	**J**	0.0010	0.00014	mg/L			11/10/18 16:22	1
trans-1,2-Dichloroethene	<0.00019		0.0010	0.00019	mg/L			11/10/18 16:22	1
trans-1,3-Dichloropropene	<0.00067		0.0010	0.00067	mg/L			11/10/18 16:22	1
Trichloroethene	<0.00010		0.0010	0.00010	mg/L			11/10/18 16:22	1
Trichlorofluoromethane	<0.00045		0.0010	0.00045	mg/L			11/10/18 16:22	1
Vinyl chloride	<0.00020		0.0010	0.00020	mg/L			11/10/18 16:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*70 - 121*		*11/10/18 16:22*	*1*
4-Bromofluorobenzene (Surr)	*96*		*59 - 120*		*11/10/18 16:22*	*1*
Toluene-d8 (Surr)	*100*		*70 - 123*		*11/10/18 16:22*	*1*

Client Sample Results

Client: Central Wire (Techalloy)
Project/Site: RCRA CMI 2018 Field Investigation

TestAmerica Job ID: 500-154247-1

Client Sample ID: Duplicate 2

Lab Sample ID: 500-154247-10
Date Collected: 11/01/18 17:00
Matrix: Water
Date Received: 11/03/18 09:50

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			11/10/18 16:44	1
1,1,1-Trichloroethane	<0.00024		0.0010	0.00024	mg/L			11/10/18 16:44	1
1,1,2,2-Tetrachloroethane	<0.00013		0.0010	0.00013	mg/L			11/10/18 16:44	1
1,1,2-Trichloroethane	<0.000090		0.0010	0.000090	mg/L			11/10/18 16:44	1
1,1-Dichloroethane	<0.00017		0.0010	0.00017	mg/L			11/10/18 16:44	1
1,1-Dichloroethene	<0.00019		0.0010	0.00019	mg/L			11/10/18 16:44	1
1,1-Dichloropropene	<0.00014		0.0010	0.00014	mg/L			11/10/18 16:44	1
1,2,3-Trichlorobenzene	<0.00054		0.0010	0.00054	mg/L			11/10/18 16:44	1
1,2,3-Trichloropropane	<0.00024		0.0010	0.00024	mg/L			11/10/18 16:44	1
1,2,4-Trichlorobenzene	<0.00026		0.0010	0.00026	mg/L			11/10/18 16:44	1
1,2,4-Trimethylbenzene	**0.00013**	**J**	0.0010	0.000070	mg/L			11/10/18 16:44	1
1,2-Dibromo-3-Chloropropane	<0.00091		0.0020	0.00091	mg/L			11/10/18 16:44	1
1,2-Dibromoethane	<0.00012		0.0010	0.00012	mg/L			11/10/18 16:44	1
1,2-Dichlorobenzene	<0.00015		0.0010	0.00015	mg/L			11/10/18 16:44	1
1,2-Dichloroethane	<0.00021		0.0010	0.00021	mg/L			11/10/18 16:44	1
1,2-Dichloropropane	<0.00015		0.0010	0.00015	mg/L			11/10/18 16:44	1
1,3,5-Trimethylbenzene	<0.00012		0.0010	0.00012	mg/L			11/10/18 16:44	1
1,3-Dichlorobenzene	<0.00015		0.0010	0.00015	mg/L			11/10/18 16:44	1
1,3-Dichloropropane	<0.00021		0.0010	0.00021	mg/L			11/10/18 16:44	1
1,3-Dichloropropene, Total	<0.0013		0.0020	0.0013	mg/L			11/10/18 16:44	1
1,4-Dichlorobenzene	<0.00016		0.0010	0.00016	mg/L			11/10/18 16:44	1
2,2-Dichloropropane	<0.00031		0.0010	0.00031	mg/L			11/10/18 16:44	1
2-Chlorotoluene	<0.00015		0.0010	0.00015	mg/L			11/10/18 16:44	1
2-Hexanone	<0.00054		0.010	0.00054	mg/L			11/10/18 16:44	1
4-Chlorotoluene	<0.000090		0.0010	0.000090	mg/L			11/10/18 16:44	1
Acetone	<0.0054		0.010	0.0054	mg/L			11/10/18 16:44	1
Benzene	**0.00018**	**J**	0.0010	0.00013	mg/L			11/10/18 16:44	1
Bromobenzene	<0.00012		0.0010	0.00012	mg/L			11/10/18 16:44	1
Bromochloromethane	<0.00014		0.0010	0.00014	mg/L			11/10/18 16:44	1
Bromodichloromethane	<0.00017		0.0010	0.00017	mg/L			11/10/18 16:44	1
Bromoform	<0.00076		0.0010	0.00076	mg/L			11/10/18 16:44	1
Bromomethane	<0.00042		0.0010	0.00042	mg/L			11/10/18 16:44	1
Carbon disulfide	**0.00034**	**J**	0.0010	0.00028	mg/L			11/10/18 16:44	1
Carbon tetrachloride	<0.00026		0.0010	0.00026	mg/L			11/10/18 16:44	1
Chlorobenzene	<0.00014		0.0010	0.00014	mg/L			11/10/18 16:44	1
Chloroethane	<0.00083		0.0010	0.00083	mg/L			11/10/18 16:44	1
Chloroform	<0.00013		0.0010	0.00013	mg/L			11/10/18 16:44	1
Chloromethane	<0.00020		0.0010	0.00020	mg/L			11/10/18 16:44	1
cis-1,2-Dichloroethene	<0.00016		0.0010	0.00016	mg/L			11/10/18 16:44	1
cis-1,3-Dichloropropene	<0.00061		0.0010	0.00061	mg/L			11/10/18 16:44	1
Dibromochloromethane	<0.00039		0.0010	0.00039	mg/L			11/10/18 16:44	1
Dibromomethane	<0.000090		0.0010	0.000090	mg/L			11/10/18 16:44	1
Dichlorodifluoromethane	<0.00035		0.0010	0.00035	mg/L			11/10/18 16:44	1
Ethylbenzene	<0.00011		0.0010	0.00011	mg/L			11/10/18 16:44	1
Hexachlorobutadiene	<0.00083		0.0010	0.00083	mg/L			11/10/18 16:44	1
Isopropylbenzene	<0.000090		0.0010	0.000090	mg/L			11/10/18 16:44	1
m&p-Xylene	**0.00015**	**J**	0.0020	0.000080	mg/L			11/10/18 16:44	1
Methyl Ethyl Ketone	<0.0012		0.010	0.0012	mg/L			11/10/18 16:44	1
methyl isobutyl ketone	<0.00042		0.010	0.00042	mg/L			11/10/18 16:44	1

Client Sample Results

Client: Central Wire (Techalloy)
Project/Site: RCRA CMI 2018 Field Investigation

TestAmerica Job ID: 500-154247-1

Client Sample ID: Duplicate 2

Lab Sample ID: 500-154247-10

Date Collected: 11/01/18 17:00
Date Received: 11/03/18 09:50

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			11/10/18 16:44	1
Methylene Chloride	<0.0026		0.0050	0.0026	mg/L			11/10/18 16:44	1
Naphthalene	<0.00032		0.0010	0.00032	mg/L			11/10/18 16:44	1
n-Butylbenzene	<0.00014		0.0010	0.00014	mg/L			11/10/18 16:44	1
N-Propylbenzene	<0.00015		0.0010	0.00015	mg/L			11/10/18 16:44	1
o-Xylene	<0.000090		0.0010	0.000090	mg/L			11/10/18 16:44	1
p-Isopropyltoluene	<0.00013		0.0010	0.00013	mg/L			11/10/18 16:44	1
sec-Butylbenzene	<0.00013		0.0010	0.00013	mg/L			11/10/18 16:44	1
Styrene	<0.00010		0.0010	0.00010	mg/L			11/10/18 16:44	1
tert-Butylbenzene	<0.00014		0.0010	0.00014	mg/L			11/10/18 16:44	1
Tetrachloroethene	<0.00015		0.0010	0.00015	mg/L			11/10/18 16:44	1
Toluene	**0.00035**	**J**	0.0010	0.00014	mg/L			11/10/18 16:44	1
trans-1,2-Dichloroethene	<0.00019		0.0010	0.00019	mg/L			11/10/18 16:44	1
trans-1,3-Dichloropropene	<0.00067		0.0010	0.00067	mg/L			11/10/18 16:44	1
Trichloroethene	<0.00010		0.0010	0.00010	mg/L			11/10/18 16:44	1
Trichlorofluoromethane	<0.00045		0.0010	0.00045	mg/L			11/10/18 16:44	1
Vinyl chloride	<0.00020		0.0010	0.00020	mg/L			11/10/18 16:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*70 - 121*		*11/10/18 16:44*	*1*
4-Bromofluorobenzene (Surr)	*97*		*59 - 120*		*11/10/18 16:44*	*1*
Toluene-d8 (Surr)	*99*		*70 - 123*		*11/10/18 16:44*	*1*

Definitions/Glossary

Client: Central Wire (Techalloy)
Project/Site: RCRA CMI 2018 Field Investigation

TestAmerica Job ID: 500-154247-1

Qualifiers

GC/MS VOA

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

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	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: RCRA CMI 2018 Field Investigation

TestAmerica Job ID: 500-154247-1

GC/MS VOA

Analysis Batch: 354725

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-154247-1	GP-37-27'	Total/NA	Water	8260C	
500-154247-2	Field Blank	Total/NA	Water	8260C	
500-154247-3	Duplicate 1	Total/NA	Water	8260C	
500-154247-4	GP-38-85'	Total/NA	Water	8260C	
500-154247-5	GP-38-57'	Total/NA	Water	8260C	
500-154247-6	GP-38-27'	Total/NA	Water	8260C	
500-154247-7	GP-42-85'	Total/NA	Water	8260C	
500-154247-8	GP-42-57'	Total/NA	Water	8260C	
500-154247-9	GP-42-27'	Total/NA	Water	8260C	
500-154247-10	Duplicate 2	Total/NA	Water	8260C	
MB 240-354725/8	Method Blank	Total/NA	Water	8260C	
LCS 240-354725/5	Lab Control Sample	Total/NA	Water	8260C	

Surrogate Summary

Client: Central Wire (Techalloy)
Project/Site: RCRA CMI 2018 Field Investigation

TestAmerica Job ID: 500-154247-1

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

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)		
Lab Sample ID	Client Sample ID	DCA (70-121)	BFB (59-120)	TOL (70-123)
500-154247-1	GP-37-27'	103	95	98
500-154247-2	Field Blank	104	95	99
500-154247-3	Duplicate 1	100	94	99
500-154247-4	GP-38-85'	102	93	97
500-154247-5	GP-38-57'	105	96	100
500-154247-6	GP-38-27'	104	95	101
500-154247-7	GP-42-85'	102	93	100
500-154247-8	GP-42-57'	104	97	101
500-154247-9	GP-42-27'	104	96	100
500-154247-10	Duplicate 2	104	97	99
LCS 240-354725/5	Lab Control Sample	97	99	102
MB 240-354725/8	Method Blank	102	94	100

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: RCRA CMI 2018 Field Investigation

TestAmerica Job ID: 500-154247-1

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

Lab Sample ID: MB 240-354725/8
Matrix: Water
Analysis Batch: 354725

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			11/10/18 12:57	1
1,1,1-Trichloroethane	<0.00024		0.0010	0.00024	mg/L			11/10/18 12:57	1
1,1,2,2-Tetrachloroethane	<0.00013		0.0010	0.00013	mg/L			11/10/18 12:57	1
1,1,2-Trichloroethane	<0.000090		0.0010	0.000090	mg/L			11/10/18 12:57	1
1,1-Dichloroethane	<0.00017		0.0010	0.00017	mg/L			11/10/18 12:57	1
1,1-Dichloroethene	<0.00019		0.0010	0.00019	mg/L			11/10/18 12:57	1
1,1-Dichloropropene	<0.00014		0.0010	0.00014	mg/L			11/10/18 12:57	1
1,2,3-Trichlorobenzene	<0.00054		0.0010	0.00054	mg/L			11/10/18 12:57	1
1,2,3-Trichloropropane	<0.00024		0.0010	0.00024	mg/L			11/10/18 12:57	1
1,2,4-Trichlorobenzene	<0.00026		0.0010	0.00026	mg/L			11/10/18 12:57	1
1,2,4-Trimethylbenzene	<0.000070		0.0010	0.000070	mg/L			11/10/18 12:57	1
1,2-Dibromo-3-Chloropropane	<0.00091		0.0020	0.00091	mg/L			11/10/18 12:57	1
1,2-Dibromoethane	<0.00012		0.0010	0.00012	mg/L			11/10/18 12:57	1
1,2-Dichlorobenzene	<0.00015		0.0010	0.00015	mg/L			11/10/18 12:57	1
1,2-Dichloroethane	<0.00021		0.0010	0.00021	mg/L			11/10/18 12:57	1
1,2-Dichloropropane	<0.00015		0.0010	0.00015	mg/L			11/10/18 12:57	1
1,3,5-Trimethylbenzene	<0.00012		0.0010	0.00012	mg/L			11/10/18 12:57	1
1,3-Dichlorobenzene	<0.00015		0.0010	0.00015	mg/L			11/10/18 12:57	1
1,3-Dichloropropane	<0.00021		0.0010	0.00021	mg/L			11/10/18 12:57	1
1,3-Dichloropropene, Total	<0.0013		0.0020	0.0013	mg/L			11/10/18 12:57	1
1,4-Dichlorobenzene	<0.00016		0.0010	0.00016	mg/L			11/10/18 12:57	1
2,2-Dichloropropane	<0.00031		0.0010	0.00031	mg/L			11/10/18 12:57	1
2-Chlorotoluene	<0.00015		0.0010	0.00015	mg/L			11/10/18 12:57	1
2-Hexanone	<0.00054		0.010	0.00054	mg/L			11/10/18 12:57	1
4-Chlorotoluene	<0.000090		0.0010	0.000090	mg/L			11/10/18 12:57	1
Acetone	<0.0054		0.010	0.0054	mg/L			11/10/18 12:57	1
Benzene	<0.00013		0.0010	0.00013	mg/L			11/10/18 12:57	1
Bromobenzene	<0.00012		0.0010	0.00012	mg/L			11/10/18 12:57	1
Bromochloromethane	<0.00014		0.0010	0.00014	mg/L			11/10/18 12:57	1
Bromodichloromethane	<0.00017		0.0010	0.00017	mg/L			11/10/18 12:57	1
Bromoform	<0.00076		0.0010	0.00076	mg/L			11/10/18 12:57	1
Bromomethane	<0.00042		0.0010	0.00042	mg/L			11/10/18 12:57	1
Carbon disulfide	<0.00028		0.0010	0.00028	mg/L			11/10/18 12:57	1
Carbon tetrachloride	<0.00026		0.0010	0.00026	mg/L			11/10/18 12:57	1
Chlorobenzene	<0.00014		0.0010	0.00014	mg/L			11/10/18 12:57	1
Chloroethane	<0.00083		0.0010	0.00083	mg/L			11/10/18 12:57	1
Chloroform	<0.00013		0.0010	0.00013	mg/L			11/10/18 12:57	1
Chloromethane	<0.00020		0.0010	0.00020	mg/L			11/10/18 12:57	1
cis-1,2-Dichloroethene	<0.00016		0.0010	0.00016	mg/L			11/10/18 12:57	1
cis-1,3-Dichloropropene	<0.00061		0.0010	0.00061	mg/L			11/10/18 12:57	1
Dibromochloromethane	<0.00039		0.0010	0.00039	mg/L			11/10/18 12:57	1
Dibromomethane	<0.000090		0.0010	0.000090	mg/L			11/10/18 12:57	1
Dichlorodifluoromethane	<0.00035		0.0010	0.00035	mg/L			11/10/18 12:57	1
Ethylbenzene	<0.00011		0.0010	0.00011	mg/L			11/10/18 12:57	1
Hexachlorobutadiene	<0.00083		0.0010	0.00083	mg/L			11/10/18 12:57	1
Isopropylbenzene	<0.000090		0.0010	0.000090	mg/L			11/10/18 12:57	1
m&p-Xylene	<0.000080		0.0020	0.000080	mg/L			11/10/18 12:57	1
Methyl Ethyl Ketone	<0.0012		0.010	0.0012	mg/L			11/10/18 12:57	1

QC Sample Results

Client: Central Wire (Techalloy)
Project/Site: RCRA CMI 2018 Field Investigation

TestAmerica Job ID: 500-154247-1

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

Lab Sample ID: MB 240-354725/8
Matrix: Water
Analysis Batch: 354725

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			11/10/18 12:57	1
Methyl tert-butyl ether	<0.000070		0.0010	0.000070	mg/L			11/10/18 12:57	1
Methylene Chloride	<0.0026		0.0050	0.0026	mg/L			11/10/18 12:57	1
Naphthalene	<0.00032		0.0010	0.00032	mg/L			11/10/18 12:57	1
n-Butylbenzene	<0.00014		0.0010	0.00014	mg/L			11/10/18 12:57	1
N-Propylbenzene	<0.00015		0.0010	0.00015	mg/L			11/10/18 12:57	1
o-Xylene	<0.000090		0.0010	0.000090	mg/L			11/10/18 12:57	1
p-Isopropyltoluene	<0.00013		0.0010	0.00013	mg/L			11/10/18 12:57	1
sec-Butylbenzene	<0.00013		0.0010	0.00013	mg/L			11/10/18 12:57	1
Styrene	<0.00010		0.0010	0.00010	mg/L			11/10/18 12:57	1
tert-Butylbenzene	<0.00014		0.0010	0.00014	mg/L			11/10/18 12:57	1
Tetrachloroethene	<0.00015		0.0010	0.00015	mg/L			11/10/18 12:57	1
Toluene	<0.00014		0.0010	0.00014	mg/L			11/10/18 12:57	1
trans-1,2-Dichloroethene	<0.00019		0.0010	0.00019	mg/L			11/10/18 12:57	1
trans-1,3-Dichloropropene	<0.00067		0.0010	0.00067	mg/L			11/10/18 12:57	1
Trichloroethene	<0.00010		0.0010	0.00010	mg/L			11/10/18 12:57	1
Trichlorofluoromethane	<0.00045		0.0010	0.00045	mg/L			11/10/18 12:57	1
Vinyl chloride	<0.00020		0.0010	0.00020	mg/L			11/10/18 12:57	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 121*		*11/10/18 12:57*	*1*
4-Bromofluorobenzene (Surr)	*94*		*59 - 120*		*11/10/18 12:57*	*1*
Toluene-d8 (Surr)	*100*		*70 - 123*		*11/10/18 12:57*	*1*

Lab Sample ID: LCS 240-354725/5
Matrix: Water
Analysis Batch: 354725

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	0.0193		mg/L		96	80 - 124
1,1,1-Trichloroethane	0.0200	0.0172		mg/L		86	69 - 134
1,1,2,2-Tetrachloroethane	0.0200	0.0191		mg/L		96	65 - 139
1,1,2-Trichloroethane	0.0200	0.0197		mg/L		99	78 - 133
1,1-Dichloroethane	0.0200	0.0185		mg/L		92	75 - 133
1,1-Dichloroethene	0.0200	0.0192		mg/L		96	65 - 139
1,1-Dichloropropene	0.0200	0.0185		mg/L		92	78 - 126
1,2,3-Trichlorobenzene	0.0200	0.0202		mg/L		101	39 - 138
1,2,3-Trichloropropane	0.0200	0.0195		mg/L		98	66 - 139
1,2,4-Trichlorobenzene	0.0200	0.0192		mg/L		96	42 - 133
1,2,4-Trimethylbenzene	0.0200	0.0195		mg/L		97	74 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0181		mg/L		91	46 - 132
1,2-Dibromoethane	0.0200	0.0183		mg/L		92	77 - 123
1,2-Dichlorobenzene	0.0200	0.0198		mg/L		99	78 - 120
1,2-Dichloroethane	0.0200	0.0172		mg/L		86	71 - 135
1,2-Dichloropropane	0.0200	0.0186		mg/L		93	78 - 133
1,3,5-Trimethylbenzene	0.0200	0.0195		mg/L		98	75 - 121
1,3-Dichlorobenzene	0.0200	0.0191		mg/L		96	78 - 120
1,3-Dichloropropane	0.0200	0.0189		mg/L		95	72 - 134

QC Sample Results

Client: Central Wire (Techalloy)
Project/Site: RCRA CMI 2018 Field Investigation

TestAmerica Job ID: 500-154247-1

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

Lab Sample ID: LCS 240-354725/5
Matrix: Water
Analysis Batch: 354725

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	0.0189		mg/L		95	78 - 120
2,2-Dichloropropane	0.0200	0.0130		mg/L		65	42 - 150
2-Chlorotoluene	0.0200	0.0200		mg/L		100	78 - 123
2-Hexanone	0.0400	0.0360		mg/L		90	43 - 148
4-Chlorotoluene	0.0200	0.0192		mg/L		96	77 - 125
Acetone	0.0400	0.0439		mg/L		110	21 - 162
Benzene	0.0200	0.0189		mg/L		95	80 - 123
Bromobenzene	0.0200	0.0195		mg/L		97	74 - 129
Bromochloromethane	0.0200	0.0167		mg/L		84	74 - 130
Bromodichloromethane	0.0200	0.0178		mg/L		89	77 - 125
Bromoform	0.0200	0.0176		mg/L		88	49 - 141
Bromomethane	0.0200	0.0184		mg/L		92	41 - 175
Carbon disulfide	0.0200	0.0169		mg/L		85	60 - 138
Carbon tetrachloride	0.0200	0.0181		mg/L		91	63 - 140
Chlorobenzene	0.0200	0.0188		mg/L		94	80 - 121
Chloroethane	0.0200	0.0183		mg/L		92	33 - 173
Chloroform	0.0200	0.0189		mg/L		94	79 - 127
Chloromethane	0.0200	0.0170		mg/L		85	54 - 143
cis-1,2-Dichloroethene	0.0200	0.0186		mg/L		93	76 - 128
cis-1,3-Dichloropropene	0.0200	0.0179		mg/L		90	64 - 132
Dibromochloromethane	0.0200	0.0185		mg/L		93	70 - 132
Dibromomethane	0.0200	0.0183		mg/L		92	74 - 124
Dichlorodifluoromethane	0.0200	0.0149		mg/L		74	29 - 148
Ethylbenzene	0.0200	0.0191		mg/L		95	80 - 120
Hexachlorobutadiene	0.0200	0.0198		mg/L		99	38 - 136
Isopropylbenzene	0.0200	0.0195		mg/L		98	74 - 120
m&p-Xylene	0.0200	0.0194		mg/L		97	80 - 120
Methyl Ethyl Ketone	0.0400	0.0391		mg/L		98	39 - 163
methyl isobutyl ketone	0.0400	0.0353		mg/L		88	49 - 143
Methyl tert-butyl ether	0.0200	0.0166		mg/L		83	51 - 133
Methylene Chloride	0.0200	0.0178		mg/L		89	70 - 134
Naphthalene	0.0200	0.0186		mg/L		93	28 - 141
n-Butylbenzene	0.0200	0.0196		mg/L		98	57 - 126
N-Propylbenzene	0.0200	0.0196		mg/L		98	77 - 123
o-Xylene	0.0200	0.0198		mg/L		99	80 - 120
p-Isopropyltoluene	0.0200	0.0201		mg/L		101	69 - 122
sec-Butylbenzene	0.0200	0.0198		mg/L		99	68 - 123
Styrene	0.0200	0.0191		mg/L		95	79 - 120
tert-Butylbenzene	0.0200	0.0194		mg/L		97	70 - 121
Tetrachloroethene	0.0200	0.0194		mg/L		97	74 - 130
Toluene	0.0200	0.0191		mg/L		95	78 - 129
trans-1,2-Dichloroethene	0.0200	0.0185		mg/L		92	78 - 133
trans-1,3-Dichloropropene	0.0200	0.0164		mg/L		82	55 - 128
Trichloroethene	0.0200	0.0188		mg/L		94	76 - 125
Trichlorofluoromethane	0.0200	0.0170		mg/L		85	51 - 164
Vinyl chloride	0.0200	0.0181		mg/L		90	58 - 143

QC Sample Results

Client: Central Wire (Techalloy)
Project/Site: RCRA CMI 2018 Field Investigation

TestAmerica Job ID: 500-154247-1

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

Lab Sample ID: LCS 240-354725/5
Matrix: Water
Analysis Batch: 354725

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

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*70 - 121*
4-Bromofluorobenzene (Surr)	*99*		*59 - 120*
Toluene-d8 (Surr)	*102*		*70 - 123*

Lab Chronicle

Client: Central Wire (Techalloy)
Project/Site: RCRA CMI 2018 Field Investigation

TestAmerica Job ID: 500-154247-1

Client Sample ID: GP-37-27'
Lab Sample ID: 500-154247-1
Date Collected: 11/01/18 09:40
Matrix: Water
Date Received: 11/03/18 09:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	354725	11/10/18 13:23	HMB	TAL CAN

Client Sample ID: Field Blank
Lab Sample ID: 500-154247-2
Date Collected: 11/01/18 10:30
Matrix: Water
Date Received: 11/03/18 09:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	354725	11/10/18 13:46	HMB	TAL CAN

Client Sample ID: Duplicate 1
Lab Sample ID: 500-154247-3
Date Collected: 11/01/18 09:45
Matrix: Water
Date Received: 11/03/18 09:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	354725	11/10/18 14:08	HMB	TAL CAN

Client Sample ID: GP-38-85'
Lab Sample ID: 500-154247-4
Date Collected: 11/01/18 11:45
Matrix: Water
Date Received: 11/03/18 09:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	354725	11/10/18 14:30	HMB	TAL CAN

Client Sample ID: GP-38-57'
Lab Sample ID: 500-154247-5
Date Collected: 11/01/18 12:40
Matrix: Water
Date Received: 11/03/18 09:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	354725	11/10/18 14:53	HMB	TAL CAN

Client Sample ID: GP-38-27'
Lab Sample ID: 500-154247-6
Date Collected: 11/01/18 13:30
Matrix: Water
Date Received: 11/03/18 09:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	354725	11/10/18 15:15	HMB	TAL CAN

Lab Chronicle

Client: Central Wire (Techalloy)
Project/Site: RCRA CMI 2018 Field Investigation

TestAmerica Job ID: 500-154247-1

Client Sample ID: GP-42-85'

Lab Sample ID: 500-154247-7
Matrix: Water
Date Collected: 11/01/18 15:15
Date Received: 11/03/18 09:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	354725	11/10/18 15:37	HMB	TAL CAN

Client Sample ID: GP-42-57'

Lab Sample ID: 500-154247-8
Matrix: Water
Date Collected: 11/01/18 16:05
Date Received: 11/03/18 09:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	354725	11/10/18 16:00	HMB	TAL CAN

Client Sample ID: GP-42-27'

Lab Sample ID: 500-154247-9
Matrix: Water
Date Collected: 11/01/18 16:55
Date Received: 11/03/18 09:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	354725	11/10/18 16:22	HMB	TAL CAN

Client Sample ID: Duplicate 2

Lab Sample ID: 500-154247-10
Matrix: Water
Date Collected: 11/01/18 17:00
Date Received: 11/03/18 09:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	354725	11/10/18 16:44	HMB	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) TestAmerica Job ID: 500-154247-1
Project/Site: RCRA CMI 2018 Field Investigation

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.

500-154247

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

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

Chain of Custody Record

Lab Job #: 446582

Chain of Custody Number:

Page 1 of 1

Temperature °C of Cooler: 4.3

(optional)

Report To
Contact: Robert Johnson
Company: Central Wire
Address: 6569 Olson Rd
Address: Union, IL 60166
Phone: 262.983.4919
Fax:
E-Mail: rjohnson@centralwire.com

(optional)

Bill To
Contact: Same
Company:
Address:
Address:
Phone:
Fax:
PO#/Reference#

Client: Central Wire
Client Project #: SBN 2018
Project Name: RCRA CMI 2018 Field Investigation
Project Location/State: ~~RCRA CMI~~ Union IL
Lab Project #:
Sampler: J. Thomson
Lab PM: R. Wright

Preservative: 1 | Parameter: VOC 8260

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

Lab ID	MS/MSD	Sample ID	Sampling Date	Sampling Time	# of Containers	Matrix	Comments
1		GP-37-27'	11/1	940	3	GW	
2		Field Blank		1030			
3		Duplicate 1		945			
4		GP-38-85'		1145			
5		GP-38-57'		1240			
6		GP-38-27'		1330			
7		GP-42-85'		1525			
8		GP-42-57'		1605			
9		GP-42-27'		1655			500-154247 COC
10		Duplicate 2		1700			

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

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

Relinquished By	Company	Date	Time	Received By	Company	Date	Time
J. Thomson	Actumwood	11/2/18	1200	[illegible]	TALHF	11/3/18	0950

Lab Courier:
Shipped: UPS Saturday
Hand Delivered:

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

Client Comments

Lab Comments:

11/13/2018

TAL-4124-600 (1209)

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

1.2/2.1

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: 500-112828.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: richard.wright@testamericainc.com	State of Origin: Illinois	Page: Page 1 of 2
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Illinois		Job #: 500-154247-1
Address: 4101 Shuffel Street NW, ,	Due Date Requested: 11/16/2018			
City: North Canton	TAT Requested (days):			
State, Zip: OH, 44720				
Phone: 330-497-9396(Tel) 330-497-0772(Fax)	PO #:			
Email:	WO #:			
Project Name: RCRA CMI 2018 Field Investigation	Project #: 60005584			
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 (Water, Solid, Oil/Tissue, Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260C/5035C (MOD) Default List	Total Number of containers	Special Instructions/Note:
		Preservation Code							
GP-37-27' (500-154247-1)	11/1/18	09:40 Central		Water			X	3	
Field Blank (500-154247-2)	11/1/18	10:30 Central		Water			X	3	
Duplicate 1 (500-154247-3)	11/1/18	09:45 Central		Water			X	3	
GP-38-65' (500-154247-4)	11/1/18	11:45 Central		Water			X	3	
GP-38-57' (500-154247-5)	11/1/18	12:40 Central		Water			X	3	
GP-38-27' (500-154247-6)	11/1/18	13:30 Central		Water			X	3	
GP-42-65' (500-154247-7)	11/1/18	15:15 Central		Water			X	3	
GP-42-57' (500-154247-8)	11/1/18	16:05 Central		Water			X	3	
GP-42-27' (500-154247-9)	11/1/18	16:55 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 compliance 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	Date/Time	Company	Received by	Date/Time	Company
[signature]	11/5/18 1600	TA	[signature]	11-6-18 1000	TAC
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: 06/20/2016

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: 500-112828.2
Client Contact: Shipping/Receiving	Phone:	E-Mail: richard.wright@testamericainc.com	State of Origin: Illinois	Page: Page 2 of 2
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Illinois		Job #: 500-154247-1
Address: 4101 Shuffel Street NW,	Due Date Requested: 11/16/2018			
City: North Canton	TAT Requested (days):			
State, Zip: OH, 44720				
Phone: 330-497-9396(Tel) 330-497-0772(Fax)	PO #:			
Email:	WO #:			
Project Name: RCRA CMI 2018 Field Investigation	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 (Water, Solid, Oil/Waste, Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260C/5030C (MCD) Default List											Total Number of containers	Special Instructions/Note:
			Preservation Code:																
Duplicate 2 (500-154247-10)	11/1/18	17:00 Central		Water			X											3	

MS

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: [signature]	Date/Time: 11/5/18 1600	Company: TA	Received by: [signature]	Date/Time: 11-6-18 1000	Company: TAC	
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: 09/26/2016

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11/13/2018

EPA-R5-2019-007454_0000929

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

Client TA CHICAGO Site Name –
Cooler unpacked by: BOB
Cooler Received on 11-6-18 Opened on 11-7-18
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

☐ See Multiple Cooler Form

1. Cooler temperature upon receipt
   IR GUN# IR-8 (CF +0.9 °C) Observed Cooler Temp. 1.2 °C Corrected Cooler Temp. 2.1 °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# HC850248
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: 500-154247-1

Login Number: 154247
List Number: 1
Creator: Sanchez, Ariel M

List Source: TestAmerica Chicago

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	4.3
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	False	Headspace larger than 1/4".
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	