TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

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

TestAmerica Job ID: 500-151451-1
Client Project/Site: Central Wire

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

Attn: Robert Johnson

Authorized for release by:
9/28/2018 5:01:03 PM

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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: Central Wire

TestAmerica Job ID: 500-151451-1

Job ID: 500-151451-1

Laboratory: TestAmerica Chicago

Narrative

Job Narrative
500-151451-1

Receipt
The samples were received on 9/14/2018 9:45 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was -1.6º C.

GC/MS VOA
Method(s) 8260C: The continuing calibration verification (CCV) analyzed in batch 240-347259 was outside the method criteria for the following analyte(s): 2,2-Dichloropropane. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated. P&T Effluent (500-151451-3), P&T Well No. 1 (500-151451-4), P&T Well No. 2 (500-151451-5), Ex. 6 Personal Privacy (PP) Trip Blank (500-151451-8) and (CCVIS 240-347259/5)

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

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

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

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

Detection Summary

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

TestAmerica Job ID: 500-151451-1

Client Sample ID: North Pond — Lab Sample ID: 500-151451-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Copper	3.5		2.0	0.50	ug/L	1		6020A	Total Recoverable
Iron	170	F1 F2	100	47	ug/L	1		6020A	Total Recoverable
Lead	0.63		0.50	0.19	ug/L	1		6020A	Total Recoverable
Manganese	7.5		2.5	0.79	ug/L	1		6020A	Total Recoverable
Nickel	4.1		2.0	0.63	ug/L	1		6020A	Total Recoverable
pH	7.8	HF	0.2	0.2	SU	1		SM 4500 H+ B	Total/NA

Client Sample ID: South Pond — Lab Sample ID: 500-151451-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Copper	1.6	J	2.0	0.50	ug/L	1		6020A	Total Recoverable
Iron	250		100	47	ug/L	1		6020A	Total Recoverable
Lead	0.27	J	0.50	0.19	ug/L	1		6020A	Total Recoverable
Manganese	16		2.5	0.79	ug/L	1		6020A	Total Recoverable
Nickel	6.8		2.0	0.63	ug/L	1		6020A	Total Recoverable
pH	6.4	HF	0.2	0.2	SU	1		SM 4500 H+ B	Total/NA

Client Sample ID: P&T Effluent — Lab Sample ID: 500-151451-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	0.86	J	1.0	0.24	ug/L	1		8260C	Total/NA
1,1-Dichloroethane	2.3		1.0	0.17	ug/L	1		8260C	Total/NA
1,1-Dichloroethene	0.27	J	1.0	0.19	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	14		1.0	0.16	ug/L	1		8260C	Total/NA
Tetrachloroethene	1.5		1.0	0.15	ug/L	1		8260C	Total/NA
Trichloroethene	1.2		1.0	0.10	ug/L	1		8260C	Total/NA
pH	7.7	HF	0.2	0.2	SU	1		SM 4500 H+ B	Total/NA

Client Sample ID: P&T Well No. 1 — Lab Sample ID: 500-151451-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	2.2	J	5.0	1.2	ug/L	5		8260C	Total/NA
1,1-Dichloroethane	16		5.0	0.85	ug/L	5		8260C	Total/NA
1,1-Dichloroethene	6.8		5.0	0.95	ug/L	5		8260C	Total/NA
cis-1,2-Dichloroethene	84		5.0	0.80	ug/L	5		8260C	Total/NA
Tetrachloroethene	0.95	J	5.0	0.75	ug/L	5		8260C	Total/NA
trans-1,2-Dichloroethene	1.1	J	5.0	0.95	ug/L	5		8260C	Total/NA
Trichloroethene	5.7		5.0	0.50	ug/L	5		8260C	Total/NA
pH	8.1	HF	0.2	0.2	SU	1		SM 4500 H+ B	Total/NA

Client Sample ID: P&T Well No. 2 — Lab Sample ID: 500-151451-5

This Detection Summary does not include radiochemical test results.

Detection Summary

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

TestAmerica Job ID: 500-151451-1

Client Sample ID: P&T Well No. 2 (Continued) — Lab Sample ID: 500-151451-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	17		1.0	0.24	ug/L	1		8260C	Total/NA
1,1-Dichloroethane	1.1		1.0	0.17	ug/L	1		8260C	Total/NA
1,1-Dichloroethene	1.0		1.0	0.19	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	2.3		1.0	0.16	ug/L	1		8260C	Total/NA
Tetrachloroethene	30		1.0	0.15	ug/L	1		8260C	Total/NA
Trichloroethene	9.5		1.0	0.10	ug/L	1		8260C	Total/NA
pH	7.5	HF	0.2	0.2	SU	1		SM 4500 H+ B	Total/NA

Client Sample ID: Ex. 6 Personal Privacy (PP) — Lab Sample ID: 500-151451-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
pH	7.6	HF	0.2	0.2	SU	1		SM 4500 H+ B	Total/NA

Client Sample ID: Ex. 6 Personal Privacy (PP) — Lab Sample ID: 500-151451-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
pH	7.4	HF	0.2	0.2	SU	1		SM 4500 H+ B	Total/NA

Client Sample ID: Trip Blank — Lab Sample ID: 500-151451-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	0.16	J	1.0	0.14	ug/L	1		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Method Summary

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

TestAmerica Job ID: 500-151451-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL CAN
6020A	Metals (ICP/MS)	SW846	TAL CHI
353.2	Nitrogen, Nitrate-Nitrite	MCAWW	TAL CHI
SM 4500 H+ B	pH	SM	TAL CHI
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	TAL CHI
5030C	Purge and Trap	SW846	TAL CAN

Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.
SM = "Standard Methods For The Examination Of Water And Wastewater"
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
TAL CHI = TestAmerica Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

Sample Summary

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

TestAmerica Job ID: 500-151451-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-151451-1	North Pond	Water	09/13/18 11:00	09/14/18 09:45
500-151451-2	South Pond	Water	09/13/18 11:05	09/14/18 09:45
500-151451-3	P&T Effluent	Water	09/13/18 11:15	09/14/18 09:45
500-151451-4	P&T Well No. 1	Water	09/13/18 11:45	09/14/18 09:45
500-151451-5	P&T Well No. 2	Water	09/13/18 12:30	09/14/18 09:45
500-151451-6	Ex. 6 Personal Privacy (PP)	Water	09/13/18 11:25	09/14/18 09:45
500-151451-7		Water	09/13/18 11:30	09/14/18 09:45
500-151451-8	Trip Blank	Water	09/13/18 00:00	09/14/18 09:45

Client Sample Results

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

TestAmerica Job ID: 500-151451-1

Client Sample ID: North Pond

Lab Sample ID: 500-151451-1
Date Collected: 09/13/18 11:00
Matrix: Water
Date Received: 09/14/18 09:45

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	<0.17		0.50	0.17	ug/L		09/14/18 16:14	09/17/18 12:51	1
Copper	**3.5**		2.0	0.50	ug/L		09/14/18 16:14	09/17/18 12:51	1
Iron	**170**	**F1 F2**	100	47	ug/L		09/14/18 16:14	09/17/18 12:51	1
Lead	**0.63**		0.50	0.19	ug/L		09/14/18 16:14	09/17/18 12:51	1
Manganese	**7.5**		2.5	0.79	ug/L		09/14/18 16:14	09/17/18 12:51	1
Nickel	**4.1**		2.0	0.63	ug/L		09/14/18 16:14	09/17/18 12:51	1
Selenium	<0.98		2.5	0.98	ug/L		09/14/18 16:14	09/17/18 12:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrogen, Nitrate Nitrite	<0.041		0.10	0.041	mg/L			09/18/18 18:15	1
pH	**7.8**	**HF**	0.2	0.2	SU			09/18/18 09:39	1

Client Sample Results

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

TestAmerica Job ID: 500-151451-1

Client Sample ID: South Pond

Lab Sample ID: 500-151451-2
Date Collected: 09/13/18 11:05
Matrix: Water
Date Received: 09/14/18 09:45

Method: 6020A - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	<0.17		0.50	0.17	ug/L		09/14/18 16:14	09/17/18 13:10	1
Copper	**1.6**	**J**	2.0	0.50	ug/L		09/14/18 16:14	09/17/18 13:10	1
Iron	**250**		100	47	ug/L		09/14/18 16:14	09/17/18 13:10	1
Lead	**0.27**	**J**	0.50	0.19	ug/L		09/14/18 16:14	09/17/18 13:10	1
Manganese	**16**		2.5	0.79	ug/L		09/14/18 16:14	09/17/18 13:10	1
Nickel	**6.8**		2.0	0.63	ug/L		09/14/18 16:14	09/17/18 13:10	1
Selenium	<0.98		2.5	0.98	ug/L		09/14/18 16:14	09/17/18 13:10	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrogen, Nitrate Nitrite	<0.041		0.10	0.041	mg/L			09/18/18 18:17	1
pH	**6.4**	**HF**	0.2	0.2	SU			09/28/18 15:16	1

Client Sample Results

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

TestAmerica Job ID: 500-151451-1

Client Sample ID: P&T Effluent

Lab Sample ID: 500-151451-3

Date Collected: 09/13/18 11:15
Date Received: 09/14/18 09:45

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.14		1.0	0.14	ug/L			09/26/18 11:07	1
1,1,1-Trichloroethane	**0.86**	**J**	1.0	0.24	ug/L			09/26/18 11:07	1
1,1,2,2-Tetrachloroethane	<0.13		1.0	0.13	ug/L			09/26/18 11:07	1
1,1,2-Trichloroethane	<0.090		1.0	0.090	ug/L			09/26/18 11:07	1
1,1-Dichloroethane	**2.3**		1.0	0.17	ug/L			09/26/18 11:07	1
1,1-Dichloroethene	**0.27**	**J**	1.0	0.19	ug/L			09/26/18 11:07	1
1,1-Dichloropropene	<0.14		1.0	0.14	ug/L			09/26/18 11:07	1
1,2,3-Trichlorobenzene	<0.54		1.0	0.54	ug/L			09/26/18 11:07	1
1,2,3-Trichloropropane	<0.24		1.0	0.24	ug/L			09/26/18 11:07	1
1,2,4-Trichlorobenzene	<0.26		1.0	0.26	ug/L			09/26/18 11:07	1
1,2,4-Trimethylbenzene	<0.070		1.0	0.070	ug/L			09/26/18 11:07	1
1,2-Dibromo-3-Chloropropane	<0.91		2.0	0.91	ug/L			09/26/18 11:07	1
1,2-Dibromoethane	<0.12		1.0	0.12	ug/L			09/26/18 11:07	1
1,2-Dichlorobenzene	<0.15		1.0	0.15	ug/L			09/26/18 11:07	1
1,2-Dichloroethane	<0.21		1.0	0.21	ug/L			09/26/18 11:07	1
1,2-Dichloropropane	<0.15		1.0	0.15	ug/L			09/26/18 11:07	1
1,3,5-Trimethylbenzene	<0.12		1.0	0.12	ug/L			09/26/18 11:07	1
1,3-Dichlorobenzene	<0.15		1.0	0.15	ug/L			09/26/18 11:07	1
1,3-Dichloropropane	<0.21		1.0	0.21	ug/L			09/26/18 11:07	1
1,4-Dichlorobenzene	<0.16		1.0	0.16	ug/L			09/26/18 11:07	1
2,2-Dichloropropane	<0.31		1.0	0.31	ug/L			09/26/18 11:07	1
2-Chlorotoluene	<0.15		1.0	0.15	ug/L			09/26/18 11:07	1
2-Hexanone	<0.54		10	0.54	ug/L			09/26/18 11:07	1
4-Chlorotoluene	<0.090		1.0	0.090	ug/L			09/26/18 11:07	1
Acetone	<5.4		10	5.4	ug/L			09/26/18 11:07	1
Benzene	<0.13		1.0	0.13	ug/L			09/26/18 11:07	1
Bromobenzene	<0.12		1.0	0.12	ug/L			09/26/18 11:07	1
Bromochloromethane	<0.14		1.0	0.14	ug/L			09/26/18 11:07	1
Bromodichloromethane	<0.17		1.0	0.17	ug/L			09/26/18 11:07	1
Bromoform	<0.76		1.0	0.76	ug/L			09/26/18 11:07	1
Bromomethane	<0.42		1.0	0.42	ug/L			09/26/18 11:07	1
Carbon disulfide	<0.28		1.0	0.28	ug/L			09/26/18 11:07	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/L			09/26/18 11:07	1
Chlorobenzene	<0.14		1.0	0.14	ug/L			09/26/18 11:07	1
Chloroethane	<0.83		1.0	0.83	ug/L			09/26/18 11:07	1
Chloroform	<0.13		1.0	0.13	ug/L			09/26/18 11:07	1
Chloromethane	<0.20		1.0	0.20	ug/L			09/26/18 11:07	1
cis-1,2-Dichloroethene	**14**		1.0	0.16	ug/L			09/26/18 11:07	1
cis-1,3-Dichloropropene	<0.61		1.0	0.61	ug/L			09/26/18 11:07	1
Dibromochloromethane	<0.39		1.0	0.39	ug/L			09/26/18 11:07	1
Dibromomethane	<0.090		1.0	0.090	ug/L			09/26/18 11:07	1
Dichlorodifluoromethane	<0.35		1.0	0.35	ug/L			09/26/18 11:07	1
Ethylbenzene	<0.11		1.0	0.11	ug/L			09/26/18 11:07	1
Hexachlorobutadiene	<0.83		1.0	0.83	ug/L			09/26/18 11:07	1
Isopropylbenzene	<0.090		1.0	0.090	ug/L			09/26/18 11:07	1
m&p-Xylene	<0.080		2.0	0.080	ug/L			09/26/18 11:07	1
Methyl Ethyl Ketone	<1.2		10	1.2	ug/L			09/26/18 11:07	1
methyl isobutyl ketone	<0.42		10	0.42	ug/L			09/26/18 11:07	1
Methyl tert-butyl ether	<0.070		1.0	0.070	ug/L			09/26/18 11:07	1

Client Sample Results

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

TestAmerica Job ID: 500-151451-1

Client Sample ID: P&T Effluent

Lab Sample ID: 500-151451-3

Date Collected: 09/13/18 11:15
Date Received: 09/14/18 09:45

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	<2.6		5.0	2.6	ug/L			09/26/18 11:07	1
Naphthalene	<0.32		1.0	0.32	ug/L			09/26/18 11:07	1
n-Butylbenzene	<0.14		1.0	0.14	ug/L			09/26/18 11:07	1
N-Propylbenzene	<0.15		1.0	0.15	ug/L			09/26/18 11:07	1
o-Xylene	<0.090		1.0	0.090	ug/L			09/26/18 11:07	1
p-Isopropyltoluene	<0.13		1.0	0.13	ug/L			09/26/18 11:07	1
sec-Butylbenzene	<0.13		1.0	0.13	ug/L			09/26/18 11:07	1
Styrene	<0.10		1.0	0.10	ug/L			09/26/18 11:07	1
tert-Butylbenzene	<0.14		1.0	0.14	ug/L			09/26/18 11:07	1
Tetrachloroethene	**1.5**		1.0	0.15	ug/L			09/26/18 11:07	1
Toluene	<0.14		1.0	0.14	ug/L			09/26/18 11:07	1
trans-1,2-Dichloroethene	<0.19		1.0	0.19	ug/L			09/26/18 11:07	1
trans-1,3-Dichloropropene	<0.67		1.0	0.67	ug/L			09/26/18 11:07	1
Trichloroethene	**1.2**		1.0	0.10	ug/L			09/26/18 11:07	1
Trichlorofluoromethane	<0.45		1.0	0.45	ug/L			09/26/18 11:07	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			09/26/18 11:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*61 - 138*		*09/26/18 11:07*	*1*
4-Bromofluorobenzene (Surr)	*94*		*69 - 120*		*09/26/18 11:07*	*1*
Toluene-d8 (Surr)	*103*		*73 - 120*		*09/26/18 11:07*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	**7.7**	**HF**	0.2	0.2	SU			09/28/18 15:22	1

Client Sample Results

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

TestAmerica Job ID: 500-151451-1

Client Sample ID: P&T Well No. 1

Lab Sample ID: 500-151451-4

Date Collected: 09/13/18 11:45
Date Received: 09/14/18 09:45

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.70		5.0	0.70	ug/L			09/26/18 11:29	5
1,1,1-Trichloroethane	**2.2**	**J**	5.0	1.2	ug/L			09/26/18 11:29	5
1,1,2,2-Tetrachloroethane	<0.65		5.0	0.65	ug/L			09/26/18 11:29	5
1,1,2-Trichloroethane	<0.45		5.0	0.45	ug/L			09/26/18 11:29	5
1,1-Dichloroethane	**16**		5.0	0.85	ug/L			09/26/18 11:29	5
1,1-Dichloroethene	**6.8**		5.0	0.95	ug/L			09/26/18 11:29	5
1,1-Dichloropropene	<0.70		5.0	0.70	ug/L			09/26/18 11:29	5
1,2,3-Trichlorobenzene	<2.7		5.0	2.7	ug/L			09/26/18 11:29	5
1,2,3-Trichloropropane	<1.2		5.0	1.2	ug/L			09/26/18 11:29	5
1,2,4-Trichlorobenzene	<1.3		5.0	1.3	ug/L			09/26/18 11:29	5
1,2,4-Trimethylbenzene	<0.35		5.0	0.35	ug/L			09/26/18 11:29	5
1,2-Dibromo-3-Chloropropane	<4.6		10	4.6	ug/L			09/26/18 11:29	5
1,2-Dibromoethane	<0.60		5.0	0.60	ug/L			09/26/18 11:29	5
1,2-Dichlorobenzene	<0.75		5.0	0.75	ug/L			09/26/18 11:29	5
1,2-Dichloroethane	<1.1		5.0	1.1	ug/L			09/26/18 11:29	5
1,2-Dichloropropane	<0.75		5.0	0.75	ug/L			09/26/18 11:29	5
1,3,5-Trimethylbenzene	<0.60		5.0	0.60	ug/L			09/26/18 11:29	5
1,3-Dichlorobenzene	<0.75		5.0	0.75	ug/L			09/26/18 11:29	5
1,3-Dichloropropane	<1.1		5.0	1.1	ug/L			09/26/18 11:29	5
1,4-Dichlorobenzene	<0.80		5.0	0.80	ug/L			09/26/18 11:29	5
2,2-Dichloropropane	<1.6		5.0	1.6	ug/L			09/26/18 11:29	5
2-Chlorotoluene	<0.75		5.0	0.75	ug/L			09/26/18 11:29	5
2-Hexanone	<2.7		50	2.7	ug/L			09/26/18 11:29	5
4-Chlorotoluene	<0.45		5.0	0.45	ug/L			09/26/18 11:29	5
Acetone	<27		50	27	ug/L			09/26/18 11:29	5
Benzene	<0.65		5.0	0.65	ug/L			09/26/18 11:29	5
Bromobenzene	<0.60		5.0	0.60	ug/L			09/26/18 11:29	5
Bromochloromethane	<0.70		5.0	0.70	ug/L			09/26/18 11:29	5
Bromodichloromethane	<0.85		5.0	0.85	ug/L			09/26/18 11:29	5
Bromoform	<3.8		5.0	3.8	ug/L			09/26/18 11:29	5
Bromomethane	<2.1		5.0	2.1	ug/L			09/26/18 11:29	5
Carbon disulfide	<1.4		5.0	1.4	ug/L			09/26/18 11:29	5
Carbon tetrachloride	<1.3		5.0	1.3	ug/L			09/26/18 11:29	5
Chlorobenzene	<0.70		5.0	0.70	ug/L			09/26/18 11:29	5
Chloroethane	<4.2		5.0	4.2	ug/L			09/26/18 11:29	5
Chloroform	<0.65		5.0	0.65	ug/L			09/26/18 11:29	5
Chloromethane	<1.0		5.0	1.0	ug/L			09/26/18 11:29	5
cis-1,2-Dichloroethene	**84**		5.0	0.80	ug/L			09/26/18 11:29	5
cis-1,3-Dichloropropene	<3.1		5.0	3.1	ug/L			09/26/18 11:29	5
Dibromochloromethane	<2.0		5.0	2.0	ug/L			09/26/18 11:29	5
Dibromomethane	<0.45		5.0	0.45	ug/L			09/26/18 11:29	5
Dichlorodifluoromethane	<1.8		5.0	1.8	ug/L			09/26/18 11:29	5
Ethylbenzene	<0.55		5.0	0.55	ug/L			09/26/18 11:29	5
Hexachlorobutadiene	<4.2		5.0	4.2	ug/L			09/26/18 11:29	5
Isopropylbenzene	<0.45		5.0	0.45	ug/L			09/26/18 11:29	5
m&p-Xylene	<0.40		10	0.40	ug/L			09/26/18 11:29	5
Methyl Ethyl Ketone	<5.8		50	5.8	ug/L			09/26/18 11:29	5
methyl isobutyl ketone	<2.1		50	2.1	ug/L			09/26/18 11:29	5
Methyl tert-butyl ether	<0.35		5.0	0.35	ug/L			09/26/18 11:29	5

Client Sample Results

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

TestAmerica Job ID: 500-151451-1

Client Sample ID: P&T Well No. 1

Lab Sample ID: 500-151451-4
Matrix: Water

Date Collected: 09/13/18 11:45
Date Received: 09/14/18 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	<13		25	13	ug/L			09/26/18 11:29	5
Naphthalene	<1.6		5.0	1.6	ug/L			09/26/18 11:29	5
n-Butylbenzene	<0.70		5.0	0.70	ug/L			09/26/18 11:29	5
N-Propylbenzene	<0.75		5.0	0.75	ug/L			09/26/18 11:29	5
o-Xylene	<0.45		5.0	0.45	ug/L			09/26/18 11:29	5
p-Isopropyltoluene	<0.65		5.0	0.65	ug/L			09/26/18 11:29	5
sec-Butylbenzene	<0.65		5.0	0.65	ug/L			09/26/18 11:29	5
Styrene	<0.50		5.0	0.50	ug/L			09/26/18 11:29	5
tert-Butylbenzene	<0.70		5.0	0.70	ug/L			09/26/18 11:29	5
Tetrachloroethene	**0.95**	**J**	5.0	0.75	ug/L			09/26/18 11:29	5
Toluene	<0.70		5.0	0.70	ug/L			09/26/18 11:29	5
trans-1,2-Dichloroethene	**1.1**	**J**	5.0	0.95	ug/L			09/26/18 11:29	5
trans-1,3-Dichloropropene	<3.4		5.0	3.4	ug/L			09/26/18 11:29	5
Trichloroethene	**5.7**		5.0	0.50	ug/L			09/26/18 11:29	5
Trichlorofluoromethane	<2.3		5.0	2.3	ug/L			09/26/18 11:29	5
Vinyl chloride	<1.0		5.0	1.0	ug/L			09/26/18 11:29	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*61 - 138*		*09/26/18 11:29*	*5*
4-Bromofluorobenzene (Surr)	*95*		*69 - 120*		*09/26/18 11:29*	*5*
Toluene-d8 (Surr)	*104*		*73 - 120*		*09/26/18 11:29*	*5*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	**8.1**	**HF**	0.2	0.2	SU			09/18/18 09:39	1

Client Sample Results

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

TestAmerica Job ID: 500-151451-1

Client Sample ID: P&T Well No. 2

Lab Sample ID: 500-151451-5

Date Collected: 09/13/18 12:30
Date Received: 09/14/18 09:45

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.14		1.0	0.14	ug/L			09/26/18 11:51	1
1,1,1-Trichloroethane	**17**		1.0	0.24	ug/L			09/26/18 11:51	1
1,1,2,2-Tetrachloroethane	<0.13		1.0	0.13	ug/L			09/26/18 11:51	1
1,1,2-Trichloroethane	<0.090		1.0	0.090	ug/L			09/26/18 11:51	1
1,1-Dichloroethane	**1.1**		1.0	0.17	ug/L			09/26/18 11:51	1
1,1-Dichloroethene	**1.0**		1.0	0.19	ug/L			09/26/18 11:51	1
1,1-Dichloropropene	<0.14		1.0	0.14	ug/L			09/26/18 11:51	1
1,2,3-Trichlorobenzene	<0.54		1.0	0.54	ug/L			09/26/18 11:51	1
1,2,3-Trichloropropane	<0.24		1.0	0.24	ug/L			09/26/18 11:51	1
1,2,4-Trichlorobenzene	<0.26		1.0	0.26	ug/L			09/26/18 11:51	1
1,2,4-Trimethylbenzene	<0.070		1.0	0.070	ug/L			09/26/18 11:51	1
1,2-Dibromo-3-Chloropropane	<0.91		2.0	0.91	ug/L			09/26/18 11:51	1
1,2-Dibromoethane	<0.12		1.0	0.12	ug/L			09/26/18 11:51	1
1,2-Dichlorobenzene	<0.15		1.0	0.15	ug/L			09/26/18 11:51	1
1,2-Dichloroethane	<0.21		1.0	0.21	ug/L			09/26/18 11:51	1
1,2-Dichloropropane	<0.15		1.0	0.15	ug/L			09/26/18 11:51	1
1,3,5-Trimethylbenzene	<0.12		1.0	0.12	ug/L			09/26/18 11:51	1
1,3-Dichlorobenzene	<0.15		1.0	0.15	ug/L			09/26/18 11:51	1
1,3-Dichloropropane	<0.21		1.0	0.21	ug/L			09/26/18 11:51	1
1,4-Dichlorobenzene	<0.16		1.0	0.16	ug/L			09/26/18 11:51	1
2,2-Dichloropropane	<0.31		1.0	0.31	ug/L			09/26/18 11:51	1
2-Chlorotoluene	<0.15		1.0	0.15	ug/L			09/26/18 11:51	1
2-Hexanone	<0.54		10	0.54	ug/L			09/26/18 11:51	1
4-Chlorotoluene	<0.090		1.0	0.090	ug/L			09/26/18 11:51	1
Acetone	<5.4		10	5.4	ug/L			09/26/18 11:51	1
Benzene	<0.13		1.0	0.13	ug/L			09/26/18 11:51	1
Bromobenzene	<0.12		1.0	0.12	ug/L			09/26/18 11:51	1
Bromochloromethane	<0.14		1.0	0.14	ug/L			09/26/18 11:51	1
Bromodichloromethane	<0.17		1.0	0.17	ug/L			09/26/18 11:51	1
Bromoform	<0.76		1.0	0.76	ug/L			09/26/18 11:51	1
Bromomethane	<0.42		1.0	0.42	ug/L			09/26/18 11:51	1
Carbon disulfide	<0.28		1.0	0.28	ug/L			09/26/18 11:51	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/L			09/26/18 11:51	1
Chlorobenzene	<0.14		1.0	0.14	ug/L			09/26/18 11:51	1
Chloroethane	<0.83		1.0	0.83	ug/L			09/26/18 11:51	1
Chloroform	<0.13		1.0	0.13	ug/L			09/26/18 11:51	1
Chloromethane	<0.20		1.0	0.20	ug/L			09/26/18 11:51	1
cis-1,2-Dichloroethene	**2.3**		1.0	0.16	ug/L			09/26/18 11:51	1
cis-1,3-Dichloropropene	<0.61		1.0	0.61	ug/L			09/26/18 11:51	1
Dibromochloromethane	<0.39		1.0	0.39	ug/L			09/26/18 11:51	1
Dibromomethane	<0.090		1.0	0.090	ug/L			09/26/18 11:51	1
Dichlorodifluoromethane	<0.35		1.0	0.35	ug/L			09/26/18 11:51	1
Ethylbenzene	<0.11		1.0	0.11	ug/L			09/26/18 11:51	1
Hexachlorobutadiene	<0.83		1.0	0.83	ug/L			09/26/18 11:51	1
Isopropylbenzene	<0.090		1.0	0.090	ug/L			09/26/18 11:51	1
m&p-Xylene	<0.080		2.0	0.080	ug/L			09/26/18 11:51	1
Methyl Ethyl Ketone	<1.2		10	1.2	ug/L			09/26/18 11:51	1
methyl isobutyl ketone	<0.42		10	0.42	ug/L			09/26/18 11:51	1
Methyl tert-butyl ether	<0.070		1.0	0.070	ug/L			09/26/18 11:51	1

Client Sample Results

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

TestAmerica Job ID: 500-151451-1

Client Sample ID: P&T Well No. 2

Lab Sample ID: 500-151451-5
Date Collected: 09/13/18 12:30
Matrix: Water
Date Received: 09/14/18 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	<2.6		5.0	2.6	ug/L			09/26/18 11:51	1
Naphthalene	<0.32		1.0	0.32	ug/L			09/26/18 11:51	1
n-Butylbenzene	<0.14		1.0	0.14	ug/L			09/26/18 11:51	1
N-Propylbenzene	<0.15		1.0	0.15	ug/L			09/26/18 11:51	1
o-Xylene	<0.090		1.0	0.090	ug/L			09/26/18 11:51	1
p-Isopropyltoluene	<0.13		1.0	0.13	ug/L			09/26/18 11:51	1
sec-Butylbenzene	<0.13		1.0	0.13	ug/L			09/26/18 11:51	1
Styrene	<0.10		1.0	0.10	ug/L			09/26/18 11:51	1
tert-Butylbenzene	<0.14		1.0	0.14	ug/L			09/26/18 11:51	1
Tetrachloroethene	**30**		1.0	0.15	ug/L			09/26/18 11:51	1
Toluene	<0.14		1.0	0.14	ug/L			09/26/18 11:51	1
trans-1,2-Dichloroethene	<0.19		1.0	0.19	ug/L			09/26/18 11:51	1
trans-1,3-Dichloropropene	<0.67		1.0	0.67	ug/L			09/26/18 11:51	1
Trichloroethene	**9.5**		1.0	0.10	ug/L			09/26/18 11:51	1
Trichlorofluoromethane	<0.45		1.0	0.45	ug/L			09/26/18 11:51	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			09/26/18 11:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*61 - 138*		*09/26/18 11:51*	*1*
4-Bromofluorobenzene (Surr)	*94*		*69 - 120*		*09/26/18 11:51*	*1*
Toluene-d8 (Surr)	*100*		*73 - 120*		*09/26/18 11:51*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	**7.5**	**HF**	0.2	0.2	SU			09/18/18 09:39	1

Client Sample Results

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

TestAmerica Job ID: 500-151451-1

Client Sample ID: Ex. 6 Personal Privacy (PP)
Date Collected: 09/13/18 11:25
Date Received: 09/14/18 09:45

Lab Sample ID: 500-151451-6
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.14		1.0	0.14	ug/L			09/26/18 12:14	1
1,1,1-Trichloroethane	<0.24		1.0	0.24	ug/L			09/26/18 12:14	1
1,1,2,2-Tetrachloroethane	<0.13		1.0	0.13	ug/L			09/26/18 12:14	1
1,1,2-Trichloroethane	<0.090		1.0	0.090	ug/L			09/26/18 12:14	1
1,1-Dichloroethane	<0.17		1.0	0.17	ug/L			09/26/18 12:14	1
1,1-Dichloroethene	<0.19		1.0	0.19	ug/L			09/26/18 12:14	1
1,1-Dichloropropene	<0.14		1.0	0.14	ug/L			09/26/18 12:14	1
1,2,3-Trichlorobenzene	<0.54		1.0	0.54	ug/L			09/26/18 12:14	1
1,2,3-Trichloropropane	<0.24		1.0	0.24	ug/L			09/26/18 12:14	1
1,2,4-Trichlorobenzene	<0.26		1.0	0.26	ug/L			09/26/18 12:14	1
1,2,4-Trimethylbenzene	<0.070		1.0	0.070	ug/L			09/26/18 12:14	1
1,2-Dibromo-3-Chloropropane	<0.91		2.0	0.91	ug/L			09/26/18 12:14	1
1,2-Dibromoethane	<0.12		1.0	0.12	ug/L			09/26/18 12:14	1
1,2-Dichlorobenzene	<0.15		1.0	0.15	ug/L			09/26/18 12:14	1
1,2-Dichloroethane	<0.21		1.0	0.21	ug/L			09/26/18 12:14	1
1,2-Dichloropropane	<0.15		1.0	0.15	ug/L			09/26/18 12:14	1
1,3,5-Trimethylbenzene	<0.12		1.0	0.12	ug/L			09/26/18 12:14	1
1,3-Dichlorobenzene	<0.15		1.0	0.15	ug/L			09/26/18 12:14	1
1,3-Dichloropropane	<0.21		1.0	0.21	ug/L			09/26/18 12:14	1
1,4-Dichlorobenzene	<0.16		1.0	0.16	ug/L			09/26/18 12:14	1
2,2-Dichloropropane	<0.31		1.0	0.31	ug/L			09/26/18 12:14	1
2-Chlorotoluene	<0.15		1.0	0.15	ug/L			09/26/18 12:14	1
2-Hexanone	<0.54		10	0.54	ug/L			09/26/18 12:14	1
4-Chlorotoluene	<0.090		1.0	0.090	ug/L			09/26/18 12:14	1
Acetone	<5.4		10	5.4	ug/L			09/26/18 12:14	1
Benzene	<0.13		1.0	0.13	ug/L			09/26/18 12:14	1
Bromobenzene	<0.12		1.0	0.12	ug/L			09/26/18 12:14	1
Bromochloromethane	<0.14		1.0	0.14	ug/L			09/26/18 12:14	1
Bromodichloromethane	<0.17		1.0	0.17	ug/L			09/26/18 12:14	1
Bromoform	<0.76		1.0	0.76	ug/L			09/26/18 12:14	1
Bromomethane	<0.42		1.0	0.42	ug/L			09/26/18 12:14	1
Carbon disulfide	<0.28		1.0	0.28	ug/L			09/26/18 12:14	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/L			09/26/18 12:14	1
Chlorobenzene	<0.14		1.0	0.14	ug/L			09/26/18 12:14	1
Chloroethane	<0.83		1.0	0.83	ug/L			09/26/18 12:14	1
Chloroform	<0.13		1.0	0.13	ug/L			09/26/18 12:14	1
Chloromethane	<0.20		1.0	0.20	ug/L			09/26/18 12:14	1
cis-1,2-Dichloroethene	<0.16		1.0	0.16	ug/L			09/26/18 12:14	1
cis-1,3-Dichloropropene	<0.61		1.0	0.61	ug/L			09/26/18 12:14	1
Dibromochloromethane	<0.39		1.0	0.39	ug/L			09/26/18 12:14	1
Dibromomethane	<0.090		1.0	0.090	ug/L			09/26/18 12:14	1
Dichlorodifluoromethane	<0.35		1.0	0.35	ug/L			09/26/18 12:14	1
Ethylbenzene	<0.11		1.0	0.11	ug/L			09/26/18 12:14	1
Hexachlorobutadiene	<0.83		1.0	0.83	ug/L			09/26/18 12:14	1
Isopropylbenzene	<0.090		1.0	0.090	ug/L			09/26/18 12:14	1
m&p-Xylene	<0.080		2.0	0.080	ug/L			09/26/18 12:14	1
Methyl Ethyl Ketone	<1.2		10	1.2	ug/L			09/26/18 12:14	1
methyl isobutyl ketone	<0.42		10	0.42	ug/L			09/26/18 12:14	1
Methyl tert-butyl ether	<0.070		1.0	0.070	ug/L			09/26/18 12:14	1

Client Sample Results

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

TestAmerica Job ID: 500-151451-1

Client Sample ID: Ex. 6 Personal Privacy (PP)
Date Collected: 09/13/18 11:25
Date Received: 09/14/18 09:45

Lab Sample ID: 500-151451-6
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	<2.6		5.0	2.6	ug/L			09/26/18 12:14	1
Naphthalene	<0.32		1.0	0.32	ug/L			09/26/18 12:14	1
n-Butylbenzene	<0.14		1.0	0.14	ug/L			09/26/18 12:14	1
N-Propylbenzene	<0.15		1.0	0.15	ug/L			09/26/18 12:14	1
o-Xylene	<0.090		1.0	0.090	ug/L			09/26/18 12:14	1
p-Isopropyltoluene	<0.13		1.0	0.13	ug/L			09/26/18 12:14	1
sec-Butylbenzene	<0.13		1.0	0.13	ug/L			09/26/18 12:14	1
Styrene	<0.10		1.0	0.10	ug/L			09/26/18 12:14	1
tert-Butylbenzene	<0.14		1.0	0.14	ug/L			09/26/18 12:14	1
Tetrachloroethene	<0.15		1.0	0.15	ug/L			09/26/18 12:14	1
Toluene	<0.14		1.0	0.14	ug/L			09/26/18 12:14	1
trans-1,2-Dichloroethene	<0.19		1.0	0.19	ug/L			09/26/18 12:14	1
trans-1,3-Dichloropropene	<0.67		1.0	0.67	ug/L			09/26/18 12:14	1
Trichloroethene	<0.10		1.0	0.10	ug/L			09/26/18 12:14	1
Trichlorofluoromethane	<0.45		1.0	0.45	ug/L			09/26/18 12:14	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			09/26/18 12:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*61 - 138*		*09/26/18 12:14*	*1*
4-Bromofluorobenzene (Surr)	*93*		*69 - 120*		*09/26/18 12:14*	*1*
Toluene-d8 (Surr)	*103*		*73 - 120*		*09/26/18 12:14*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	**7.6**	**HF**	0.2	0.2	SU			09/18/18 09:39	1

Client Sample Results

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

TestAmerica Job ID: 500-151451-1

Client Sample ID: Ex. 6 Personal Privacy (PP)
Date Collected: 09/13/18 11:30
Date Received: 09/14/18 09:45

Lab Sample ID: 500-151451-7
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.14		1.0	0.14	ug/L			09/26/18 12:36	1
1,1,1-Trichloroethane	<0.24		1.0	0.24	ug/L			09/26/18 12:36	1
1,1,2,2-Tetrachloroethane	<0.13		1.0	0.13	ug/L			09/26/18 12:36	1
1,1,2-Trichloroethane	<0.090		1.0	0.090	ug/L			09/26/18 12:36	1
1,1-Dichloroethane	<0.17		1.0	0.17	ug/L			09/26/18 12:36	1
1,1-Dichloroethene	<0.19		1.0	0.19	ug/L			09/26/18 12:36	1
1,1-Dichloropropene	<0.14		1.0	0.14	ug/L			09/26/18 12:36	1
1,2,3-Trichlorobenzene	<0.54		1.0	0.54	ug/L			09/26/18 12:36	1
1,2,3-Trichloropropane	<0.24		1.0	0.24	ug/L			09/26/18 12:36	1
1,2,4-Trichlorobenzene	<0.26		1.0	0.26	ug/L			09/26/18 12:36	1
1,2,4-Trimethylbenzene	<0.070		1.0	0.070	ug/L			09/26/18 12:36	1
1,2-Dibromo-3-Chloropropane	<0.91		2.0	0.91	ug/L			09/26/18 12:36	1
1,2-Dibromoethane	<0.12		1.0	0.12	ug/L			09/26/18 12:36	1
1,2-Dichlorobenzene	<0.15		1.0	0.15	ug/L			09/26/18 12:36	1
1,2-Dichloroethane	<0.21		1.0	0.21	ug/L			09/26/18 12:36	1
1,2-Dichloropropane	<0.15		1.0	0.15	ug/L			09/26/18 12:36	1
1,3,5-Trimethylbenzene	<0.12		1.0	0.12	ug/L			09/26/18 12:36	1
1,3-Dichlorobenzene	<0.15		1.0	0.15	ug/L			09/26/18 12:36	1
1,3-Dichloropropane	<0.21		1.0	0.21	ug/L			09/26/18 12:36	1
1,4-Dichlorobenzene	<0.16		1.0	0.16	ug/L			09/26/18 12:36	1
2,2-Dichloropropane	<0.31		1.0	0.31	ug/L			09/26/18 12:36	1
2-Chlorotoluene	<0.15		1.0	0.15	ug/L			09/26/18 12:36	1
2-Hexanone	<0.54		10	0.54	ug/L			09/26/18 12:36	1
4-Chlorotoluene	<0.090		1.0	0.090	ug/L			09/26/18 12:36	1
Acetone	<5.4		10	5.4	ug/L			09/26/18 12:36	1
Benzene	<0.13		1.0	0.13	ug/L			09/26/18 12:36	1
Bromobenzene	<0.12		1.0	0.12	ug/L			09/26/18 12:36	1
Bromochloromethane	<0.14		1.0	0.14	ug/L			09/26/18 12:36	1
Bromodichloromethane	<0.17		1.0	0.17	ug/L			09/26/18 12:36	1
Bromoform	<0.76		1.0	0.76	ug/L			09/26/18 12:36	1
Bromomethane	<0.42		1.0	0.42	ug/L			09/26/18 12:36	1
Carbon disulfide	<0.28		1.0	0.28	ug/L			09/26/18 12:36	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/L			09/26/18 12:36	1
Chlorobenzene	<0.14		1.0	0.14	ug/L			09/26/18 12:36	1
Chloroethane	<0.83		1.0	0.83	ug/L			09/26/18 12:36	1
Chloroform	<0.13		1.0	0.13	ug/L			09/26/18 12:36	1
Chloromethane	<0.20		1.0	0.20	ug/L			09/26/18 12:36	1
cis-1,2-Dichloroethene	<0.16		1.0	0.16	ug/L			09/26/18 12:36	1
cis-1,3-Dichloropropene	<0.61		1.0	0.61	ug/L			09/26/18 12:36	1
Dibromochloromethane	<0.39		1.0	0.39	ug/L			09/26/18 12:36	1
Dibromomethane	<0.090		1.0	0.090	ug/L			09/26/18 12:36	1
Dichlorodifluoromethane	<0.35		1.0	0.35	ug/L			09/26/18 12:36	1
Ethylbenzene	<0.11		1.0	0.11	ug/L			09/26/18 12:36	1
Hexachlorobutadiene	<0.83		1.0	0.83	ug/L			09/26/18 12:36	1
Isopropylbenzene	<0.090		1.0	0.090	ug/L			09/26/18 12:36	1
m&p-Xylene	<0.080		2.0	0.080	ug/L			09/26/18 12:36	1
Methyl Ethyl Ketone	<1.2		10	1.2	ug/L			09/26/18 12:36	1
methyl isobutyl ketone	<0.42		10	0.42	ug/L			09/26/18 12:36	1
Methyl tert-butyl ether	<0.070		1.0	0.070	ug/L			09/26/18 12:36	1

Client Sample Results

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

TestAmerica Job ID: 500-151451-1

Client Sample ID: Ex. 6 Personal Privacy (PP)
Date Collected: 09/13/18 11:30
Date Received: 09/14/18 09:45

Lab Sample ID: 500-151451-7
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	<2.6		5.0	2.6	ug/L			09/26/18 12:36	1
Naphthalene	<0.32		1.0	0.32	ug/L			09/26/18 12:36	1
n-Butylbenzene	<0.14		1.0	0.14	ug/L			09/26/18 12:36	1
N-Propylbenzene	<0.15		1.0	0.15	ug/L			09/26/18 12:36	1
o-Xylene	<0.090		1.0	0.090	ug/L			09/26/18 12:36	1
p-Isopropyltoluene	<0.13		1.0	0.13	ug/L			09/26/18 12:36	1
sec-Butylbenzene	<0.13		1.0	0.13	ug/L			09/26/18 12:36	1
Styrene	<0.10		1.0	0.10	ug/L			09/26/18 12:36	1
tert-Butylbenzene	<0.14		1.0	0.14	ug/L			09/26/18 12:36	1
Tetrachloroethene	<0.15		1.0	0.15	ug/L			09/26/18 12:36	1
Toluene	<0.14		1.0	0.14	ug/L			09/26/18 12:36	1
trans-1,2-Dichloroethene	<0.19		1.0	0.19	ug/L			09/26/18 12:36	1
trans-1,3-Dichloropropene	<0.67		1.0	0.67	ug/L			09/26/18 12:36	1
Trichloroethene	<0.10		1.0	0.10	ug/L			09/26/18 12:36	1
Trichlorofluoromethane	<0.45		1.0	0.45	ug/L			09/26/18 12:36	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			09/26/18 12:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*61 - 138*		*09/26/18 12:36*	*1*
4-Bromofluorobenzene (Surr)	*94*		*69 - 120*		*09/26/18 12:36*	*1*
Toluene-d8 (Surr)	*102*		*73 - 120*		*09/26/18 12:36*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	**7.4**	**HF**	0.2	0.2	SU			09/18/18 09:39	1

Client Sample Results

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

TestAmerica Job ID: 500-151451-1

Client Sample ID: Trip Blank

Lab Sample ID: 500-151451-8

Date Collected: 09/13/18 00:00
Date Received: 09/14/18 09:45

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.14		1.0	0.14	ug/L			09/26/18 12:58	1
1,1,1-Trichloroethane	<0.24		1.0	0.24	ug/L			09/26/18 12:58	1
1,1,2,2-Tetrachloroethane	<0.13		1.0	0.13	ug/L			09/26/18 12:58	1
1,1,2-Trichloroethane	<0.090		1.0	0.090	ug/L			09/26/18 12:58	1
1,1-Dichloroethane	<0.17		1.0	0.17	ug/L			09/26/18 12:58	1
1,1-Dichloroethene	<0.19		1.0	0.19	ug/L			09/26/18 12:58	1
1,1-Dichloropropene	<0.14		1.0	0.14	ug/L			09/26/18 12:58	1
1,2,3-Trichlorobenzene	<0.54		1.0	0.54	ug/L			09/26/18 12:58	1
1,2,3-Trichloropropane	<0.24		1.0	0.24	ug/L			09/26/18 12:58	1
1,2,4-Trichlorobenzene	<0.26		1.0	0.26	ug/L			09/26/18 12:58	1
1,2,4-Trimethylbenzene	<0.070		1.0	0.070	ug/L			09/26/18 12:58	1
1,2-Dibromo-3-Chloropropane	<0.91		2.0	0.91	ug/L			09/26/18 12:58	1
1,2-Dibromoethane	<0.12		1.0	0.12	ug/L			09/26/18 12:58	1
1,2-Dichlorobenzene	<0.15		1.0	0.15	ug/L			09/26/18 12:58	1
1,2-Dichloroethane	<0.21		1.0	0.21	ug/L			09/26/18 12:58	1
1,2-Dichloropropane	<0.15		1.0	0.15	ug/L			09/26/18 12:58	1
1,3,5-Trimethylbenzene	<0.12		1.0	0.12	ug/L			09/26/18 12:58	1
1,3-Dichlorobenzene	<0.15		1.0	0.15	ug/L			09/26/18 12:58	1
1,3-Dichloropropane	<0.21		1.0	0.21	ug/L			09/26/18 12:58	1
1,4-Dichlorobenzene	<0.16		1.0	0.16	ug/L			09/26/18 12:58	1
2,2-Dichloropropane	<0.31		1.0	0.31	ug/L			09/26/18 12:58	1
2-Chlorotoluene	<0.15		1.0	0.15	ug/L			09/26/18 12:58	1
2-Hexanone	<0.54		10	0.54	ug/L			09/26/18 12:58	1
4-Chlorotoluene	<0.090		1.0	0.090	ug/L			09/26/18 12:58	1
Acetone	<5.4		10	5.4	ug/L			09/26/18 12:58	1
Benzene	<0.13		1.0	0.13	ug/L			09/26/18 12:58	1
Bromobenzene	<0.12		1.0	0.12	ug/L			09/26/18 12:58	1
Bromochloromethane	<0.14		1.0	0.14	ug/L			09/26/18 12:58	1
Bromodichloromethane	<0.17		1.0	0.17	ug/L			09/26/18 12:58	1
Bromoform	<0.76		1.0	0.76	ug/L			09/26/18 12:58	1
Bromomethane	<0.42		1.0	0.42	ug/L			09/26/18 12:58	1
Carbon disulfide	<0.28		1.0	0.28	ug/L			09/26/18 12:58	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/L			09/26/18 12:58	1
Chlorobenzene	<0.14		1.0	0.14	ug/L			09/26/18 12:58	1
Chloroethane	<0.83		1.0	0.83	ug/L			09/26/18 12:58	1
Chloroform	<0.13		1.0	0.13	ug/L			09/26/18 12:58	1
Chloromethane	<0.20		1.0	0.20	ug/L			09/26/18 12:58	1
cis-1,2-Dichloroethene	<0.16		1.0	0.16	ug/L			09/26/18 12:58	1
cis-1,3-Dichloropropene	<0.61		1.0	0.61	ug/L			09/26/18 12:58	1
Dibromochloromethane	<0.39		1.0	0.39	ug/L			09/26/18 12:58	1
Dibromomethane	<0.090		1.0	0.090	ug/L			09/26/18 12:58	1
Dichlorodifluoromethane	<0.35		1.0	0.35	ug/L			09/26/18 12:58	1
Ethylbenzene	<0.11		1.0	0.11	ug/L			09/26/18 12:58	1
Hexachlorobutadiene	<0.83		1.0	0.83	ug/L			09/26/18 12:58	1
Isopropylbenzene	<0.090		1.0	0.090	ug/L			09/26/18 12:58	1
m&p-Xylene	<0.080		2.0	0.080	ug/L			09/26/18 12:58	1
Methyl Ethyl Ketone	<1.2		10	1.2	ug/L			09/26/18 12:58	1
methyl isobutyl ketone	<0.42		10	0.42	ug/L			09/26/18 12:58	1
Methyl tert-butyl ether	<0.070		1.0	0.070	ug/L			09/26/18 12:58	1

Client Sample Results

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

TestAmerica Job ID: 500-151451-1

Client Sample ID: Trip Blank

Date Collected: 09/13/18 00:00
Date Received: 09/14/18 09:45

Lab Sample ID: 500-151451-8
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	<2.6		5.0	2.6	ug/L			09/26/18 12:58	1
Naphthalene	<0.32		1.0	0.32	ug/L			09/26/18 12:58	1
n-Butylbenzene	<0.14		1.0	0.14	ug/L			09/26/18 12:58	1
N-Propylbenzene	<0.15		1.0	0.15	ug/L			09/26/18 12:58	1
o-Xylene	<0.090		1.0	0.090	ug/L			09/26/18 12:58	1
p-Isopropyltoluene	<0.13		1.0	0.13	ug/L			09/26/18 12:58	1
sec-Butylbenzene	<0.13		1.0	0.13	ug/L			09/26/18 12:58	1
Styrene	<0.10		1.0	0.10	ug/L			09/26/18 12:58	1
tert-Butylbenzene	<0.14		1.0	0.14	ug/L			09/26/18 12:58	1
Tetrachloroethene	<0.15		1.0	0.15	ug/L			09/26/18 12:58	1
Toluene	**0.16**	**J**	1.0	0.14	ug/L			09/26/18 12:58	1
trans-1,2-Dichloroethene	<0.19		1.0	0.19	ug/L			09/26/18 12:58	1
trans-1,3-Dichloropropene	<0.67		1.0	0.67	ug/L			09/26/18 12:58	1
Trichloroethene	<0.10		1.0	0.10	ug/L			09/26/18 12:58	1
Trichlorofluoromethane	<0.45		1.0	0.45	ug/L			09/26/18 12:58	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			09/26/18 12:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*61 - 138*		*09/26/18 12:58*	*1*
4-Bromofluorobenzene (Surr)	*93*		*69 - 120*		*09/26/18 12:58*	*1*
Toluene-d8 (Surr)	*103*		*73 - 120*		*09/26/18 12:58*	*1*

Definitions/Glossary

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

TestAmerica Job ID: 500-151451-1

Qualifiers

GC/MS VOA

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

Metals

Qualifier	Qualifier Description
F1	MS and/or MSD Recovery is outside acceptance limits.
F2	MS/MSD RPD exceeds control limits
F5	Duplicate RPD exceeds limit, and one or both sample results are less than 5 times RL. The data are considered valid because the absolute difference is less than the RL.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
HF	Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

QC Association Summary

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

TestAmerica Job ID: 500-151451-1

GC/MS VOA

Analysis Batch: 347259

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-151451-3	P&T Effluent	Total/NA	Water	8260C	
500-151451-4	P&T Well No. 1	Total/NA	Water	8260C	
500-151451-5	P&T Well No. 2	Total/NA	Water	8260C	
500-151451-6	Ex. 6 Personal Privacy (PP)	Total/NA	Water	8260C	
500-151451-7		Total/NA	Water	8260C	
500-151451-8		Total/NA	Water	8260C	
MB 240-347259/8	Method Blank	Total/NA	Water	8260C	
LCS 240-347259/6	Lab Control Sample	Total/NA	Water	8260C	
500-151451-4 MS	P&T Well No. 1	Total/NA	Water	8260C	
500-151451-4 MSD	P&T Well No. 1	Total/NA	Water	8260C	

Metals

Prep Batch: 449941

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-151451-1	North Pond	Total Recoverable	Water	3005A	
500-151451-2	South Pond	Total Recoverable	Water	3005A	
MB 500-449941/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-449941/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
500-151451-1 MS	North Pond	Total Recoverable	Water	3005A	
500-151451-1 MSD	North Pond	Total Recoverable	Water	3005A	
500-151451-1 DU	North Pond	Total Recoverable	Water	3005A	

Analysis Batch: 450297

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-151451-1	North Pond	Total Recoverable	Water	6020A	449941
500-151451-2	South Pond	Total Recoverable	Water	6020A	449941
MB 500-449941/1-A	Method Blank	Total Recoverable	Water	6020A	449941
LCS 500-449941/2-A	Lab Control Sample	Total Recoverable	Water	6020A	449941
500-151451-1 MS	North Pond	Total Recoverable	Water	6020A	449941
500-151451-1 MSD	North Pond	Total Recoverable	Water	6020A	449941
500-151451-1 DU	North Pond	Total Recoverable	Water	6020A	449941

General Chemistry

Analysis Batch: 450311

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-151451-1	North Pond	Total/NA	Water	SM 4500 H+ B	
500-151451-4	P&T Well No. 1	Total/NA	Water	SM 4500 H+ B	
500-151451-5	P&T Well No. 2	Total/NA	Water	SM 4500 H+ B	
500-151451-6	Ex. 6 Personal Privacy (PP)	Total/NA	Water	SM 4500 H+ B	
500-151451-7		Total/NA	Water	SM 4500 H+ B	
500-151451-1 DU	North Pond	Total/NA	Water	SM 4500 H+ B	
500-151451-4 DU	P&T Well No. 1	Total/NA	Water	SM 4500 H+ B	
500-151451-5 DU	P&T Well No. 2	Total/NA	Water	SM 4500 H+ B	
500-151451-6 DU	Ex. 6 Personal Privacy (PP)	Total/NA	Water	SM 4500 H+ B	
500-151451-7 DU		Total/NA	Water	SM 4500 H+ B	

QC Association Summary

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

TestAmerica Job ID: 500-151451-1

General Chemistry (Continued)

Analysis Batch: 450571

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-151451-1	North Pond	Total/NA	Water	353.2	
500-151451-2	South Pond	Total/NA	Water	353.2	
MB 500-450571/12	Method Blank	Total/NA	Water	353.2	
LCS 500-450571/13	Lab Control Sample	Total/NA	Water	353.2	

Analysis Batch: 452324

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-151451-2	South Pond	Total/NA	Water	SM 4500 H+ B	
500-151451-3	P&T Effluent	Total/NA	Water	SM 4500 H+ B	
500-151451-2 DU	South Pond	Total/NA	Water	SM 4500 H+ B	
500-151451-3 DU	P&T Effluent	Total/NA	Water	SM 4500 H+ B	

Surrogate Summary

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

TestAmerica Job ID: 500-151451-1

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

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)		
		DCA	BFB	TOL
Lab Sample ID	Client Sample ID	(61-138)	(69-120)	(73-120)
500-151451-3	P&T Effluent	101	94	103
500-151451-4	P&T Well No. 1	104	95	104
500-151451-4 MS	P&T Well No. 1	97	97	101
500-151451-4 MSD	P&T Well No. 1	98	97	102
500-151451-5	P&T Well No. 2	104	94	100
500-151451-6	Ex. 6 Personal Privacy (PP)	107	93	103
500-151451-7		104	94	102
500-151451-8	Trip Blank	106	93	103
LCS 240-347259/6	Lab Control Sample	100	101	105
MB 240-347259/8	Method Blank	102	93	101

Surrogate Legend

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

QC Sample Results

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

TestAmerica Job ID: 500-151451-1

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

Lab Sample ID: MB 240-347259/8
Matrix: Water
Analysis Batch: 347259

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	<0.14		1.0	0.14	ug/L			09/26/18 09:55	1
1,1,1-Trichloroethane	<0.24		1.0	0.24	ug/L			09/26/18 09:55	1
1,1,2,2-Tetrachloroethane	<0.13		1.0	0.13	ug/L			09/26/18 09:55	1
1,1,2-Trichloroethane	<0.090		1.0	0.090	ug/L			09/26/18 09:55	1
1,1-Dichloroethane	<0.17		1.0	0.17	ug/L			09/26/18 09:55	1
1,1-Dichloroethene	<0.19		1.0	0.19	ug/L			09/26/18 09:55	1
1,1-Dichloropropene	<0.14		1.0	0.14	ug/L			09/26/18 09:55	1
1,2,3-Trichlorobenzene	<0.54		1.0	0.54	ug/L			09/26/18 09:55	1
1,2,3-Trichloropropane	<0.24		1.0	0.24	ug/L			09/26/18 09:55	1
1,2,4-Trichlorobenzene	<0.26		1.0	0.26	ug/L			09/26/18 09:55	1
1,2,4-Trimethylbenzene	<0.070		1.0	0.070	ug/L			09/26/18 09:55	1
1,2-Dibromo-3-Chloropropane	<0.91		2.0	0.91	ug/L			09/26/18 09:55	1
1,2-Dibromoethane	<0.12		1.0	0.12	ug/L			09/26/18 09:55	1
1,2-Dichlorobenzene	<0.15		1.0	0.15	ug/L			09/26/18 09:55	1
1,2-Dichloroethane	<0.21		1.0	0.21	ug/L			09/26/18 09:55	1
1,2-Dichloropropane	<0.15		1.0	0.15	ug/L			09/26/18 09:55	1
1,3,5-Trimethylbenzene	<0.12		1.0	0.12	ug/L			09/26/18 09:55	1
1,3-Dichlorobenzene	<0.15		1.0	0.15	ug/L			09/26/18 09:55	1
1,3-Dichloropropane	<0.21		1.0	0.21	ug/L			09/26/18 09:55	1
1,4-Dichlorobenzene	<0.16		1.0	0.16	ug/L			09/26/18 09:55	1
2,2-Dichloropropane	<0.31		1.0	0.31	ug/L			09/26/18 09:55	1
2-Chlorotoluene	<0.15		1.0	0.15	ug/L			09/26/18 09:55	1
2-Hexanone	<0.54		10	0.54	ug/L			09/26/18 09:55	1
4-Chlorotoluene	<0.090		1.0	0.090	ug/L			09/26/18 09:55	1
Acetone	<5.4		10	5.4	ug/L			09/26/18 09:55	1
Benzene	<0.13		1.0	0.13	ug/L			09/26/18 09:55	1
Bromobenzene	<0.12		1.0	0.12	ug/L			09/26/18 09:55	1
Bromochloromethane	<0.14		1.0	0.14	ug/L			09/26/18 09:55	1
Bromodichloromethane	<0.17		1.0	0.17	ug/L			09/26/18 09:55	1
Bromoform	<0.76		1.0	0.76	ug/L			09/26/18 09:55	1
Bromomethane	<0.42		1.0	0.42	ug/L			09/26/18 09:55	1
Carbon disulfide	<0.28		1.0	0.28	ug/L			09/26/18 09:55	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/L			09/26/18 09:55	1
Chlorobenzene	<0.14		1.0	0.14	ug/L			09/26/18 09:55	1
Chloroethane	<0.83		1.0	0.83	ug/L			09/26/18 09:55	1
Chloroform	<0.13		1.0	0.13	ug/L			09/26/18 09:55	1
Chloromethane	<0.20		1.0	0.20	ug/L			09/26/18 09:55	1
cis-1,2-Dichloroethene	<0.16		1.0	0.16	ug/L			09/26/18 09:55	1
cis-1,3-Dichloropropene	<0.61		1.0	0.61	ug/L			09/26/18 09:55	1
Dibromochloromethane	<0.39		1.0	0.39	ug/L			09/26/18 09:55	1
Dibromomethane	<0.090		1.0	0.090	ug/L			09/26/18 09:55	1
Dichlorodifluoromethane	<0.35		1.0	0.35	ug/L			09/26/18 09:55	1
Ethylbenzene	<0.11		1.0	0.11	ug/L			09/26/18 09:55	1
Hexachlorobutadiene	<0.83		1.0	0.83	ug/L			09/26/18 09:55	1
Isopropylbenzene	<0.090		1.0	0.090	ug/L			09/26/18 09:55	1
m&p-Xylene	<0.080		2.0	0.080	ug/L			09/26/18 09:55	1
Methyl Ethyl Ketone	<1.2		10	1.2	ug/L			09/26/18 09:55	1
methyl isobutyl ketone	<0.42		10	0.42	ug/L			09/26/18 09:55	1

QC Sample Results

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

TestAmerica Job ID: 500-151451-1

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

Lab Sample ID: MB 240-347259/8
Matrix: Water
Analysis Batch: 347259

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	<0.070		1.0	0.070	ug/L			09/26/18 09:55	1
Methylene Chloride	<2.6		5.0	2.6	ug/L			09/26/18 09:55	1
Naphthalene	<0.32		1.0	0.32	ug/L			09/26/18 09:55	1
n-Butylbenzene	<0.14		1.0	0.14	ug/L			09/26/18 09:55	1
N-Propylbenzene	<0.15		1.0	0.15	ug/L			09/26/18 09:55	1
o-Xylene	<0.090		1.0	0.090	ug/L			09/26/18 09:55	1
p-Isopropyltoluene	<0.13		1.0	0.13	ug/L			09/26/18 09:55	1
sec-Butylbenzene	<0.13		1.0	0.13	ug/L			09/26/18 09:55	1
Styrene	<0.10		1.0	0.10	ug/L			09/26/18 09:55	1
tert-Butylbenzene	<0.14		1.0	0.14	ug/L			09/26/18 09:55	1
Tetrachloroethene	<0.15		1.0	0.15	ug/L			09/26/18 09:55	1
Toluene	<0.14		1.0	0.14	ug/L			09/26/18 09:55	1
trans-1,2-Dichloroethene	<0.19		1.0	0.19	ug/L			09/26/18 09:55	1
trans-1,3-Dichloropropene	<0.67		1.0	0.67	ug/L			09/26/18 09:55	1
Trichloroethene	<0.10		1.0	0.10	ug/L			09/26/18 09:55	1
Trichlorofluoromethane	<0.45		1.0	0.45	ug/L			09/26/18 09:55	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			09/26/18 09:55	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*61 - 138*		*09/26/18 09:55*	*1*
4-Bromofluorobenzene (Surr)	*93*		*69 - 120*		*09/26/18 09:55*	*1*
Toluene-d8 (Surr)	*101*		*73 - 120*		*09/26/18 09:55*	*1*

Lab Sample ID: LCS 240-347259/6
Matrix: Water
Analysis Batch: 347259

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	20.0	18.4		ug/L		92	73 - 136
1,1,1-Trichloroethane	20.0	17.8		ug/L		89	64 - 147
1,1,2,2-Tetrachloroethane	20.0	19.4		ug/L		97	58 - 122
1,1,2-Trichloroethane	20.0	19.4		ug/L		97	76 - 121
1,1-Dichloroethane	20.0	17.9		ug/L		90	74 - 120
1,1-Dichloroethene	20.0	17.9		ug/L		90	65 - 127
1,1-Dichloropropene	20.0	17.7		ug/L		88	80 - 122
1,2,3-Trichlorobenzene	20.0	17.0		ug/L		85	31 - 144
1,2,3-Trichloropropane	20.0	19.5		ug/L		97	53 - 134
1,2,4-Trichlorobenzene	20.0	15.8		ug/L		79	34 - 141
1,2,4-Trimethylbenzene	20.0	18.6		ug/L		93	80 - 120
1,2-Dibromo-3-Chloropropane	20.0	18.3		ug/L		92	50 - 130
1,2-Dibromoethane	20.0	17.7		ug/L		88	80 - 120
1,2-Dichlorobenzene	20.0	18.5		ug/L		93	80 - 120
1,2-Dichloroethane	20.0	17.0		ug/L		85	68 - 133
1,2-Dichloropropane	20.0	18.1		ug/L		90	78 - 127
1,3,5-Trimethylbenzene	20.0	19.0		ug/L		95	79 - 120
1,3-Dichlorobenzene	20.0	18.3		ug/L		91	80 - 120
1,3-Dichloropropane	20.0	18.1		ug/L		91	71 - 124
1,4-Dichlorobenzene	20.0	18.0		ug/L		90	80 - 120

QC Sample Results

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

TestAmerica Job ID: 500-151451-1

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

Lab Sample ID: LCS 240-347259/6
Matrix: Water
Analysis Batch: 347259

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,2-Dichloropropane	20.0	16.1		ug/L		81	32 - 178
2-Chlorotoluene	20.0	19.1		ug/L		95	80 - 120
2-Hexanone	40.0	36.9		ug/L		92	28 - 169
4-Chlorotoluene	20.0	18.4		ug/L		92	79 - 120
Acetone	40.0	40.3		ug/L		101	35 - 131
Benzene	20.0	18.3		ug/L		92	79 - 120
Bromobenzene	20.0	18.4		ug/L		92	73 - 120
Bromochloromethane	20.0	16.8		ug/L		84	78 - 120
Bromodichloromethane	20.0	17.2		ug/L		86	79 - 125
Bromoform	20.0	16.8		ug/L		84	55 - 145
Bromomethane	20.0	17.4		ug/L		87	17 - 158
Carbon disulfide	20.0	16.4		ug/L		82	49 - 141
Carbon tetrachloride	20.0	17.0		ug/L		85	55 - 171
Chlorobenzene	20.0	18.1		ug/L		90	80 - 120
Chloroethane	20.0	17.7		ug/L		88	10 - 149
Chloroform	20.0	18.1		ug/L		91	80 - 120
Chloromethane	20.0	15.9		ug/L		80	59 - 124
cis-1,2-Dichloroethene	20.0	18.0		ug/L		90	77 - 120
cis-1,3-Dichloropropene	20.0	17.5		ug/L		87	75 - 120
Dibromochloromethane	20.0	17.8		ug/L		89	64 - 129
Dibromomethane	20.0	17.2		ug/L		86	80 - 120
Dichlorodifluoromethane	20.0	11.9		ug/L		60	42 - 141
Ethylbenzene	20.0	18.6		ug/L		93	80 - 120
Hexachlorobutadiene	20.0	16.4		ug/L		82	36 - 146
Isopropylbenzene	20.0	18.7		ug/L		94	80 - 128
m&p-Xylene	20.0	18.8		ug/L		94	80 - 120
Methyl Ethyl Ketone	40.0	37.4		ug/L		93	43 - 149
methyl isobutyl ketone	40.0	35.9		ug/L		90	53 - 144
Methyl tert-butyl ether	20.0	16.2		ug/L		81	73 - 120
Methylene Chloride	20.0	16.8		ug/L		84	64 - 140
Naphthalene	20.0	17.2		ug/L		86	31 - 127
n-Butylbenzene	20.0	17.6		ug/L		88	60 - 137
N-Propylbenzene	20.0	18.8		ug/L		94	76 - 120
o-Xylene	20.0	18.8		ug/L		94	80 - 120
p-Isopropyltoluene	20.0	18.8		ug/L		94	78 - 125
sec-Butylbenzene	20.0	19.0		ug/L		95	76 - 124
Styrene	20.0	18.4		ug/L		92	80 - 121
tert-Butylbenzene	20.0	18.7		ug/L		93	79 - 120
Tetrachloroethene	20.0	18.4		ug/L		92	80 - 122
Toluene	20.0	18.5		ug/L		93	78 - 120
trans-1,2-Dichloroethene	20.0	17.8		ug/L		89	74 - 124
trans-1,3-Dichloropropene	20.0	16.3		ug/L		82	67 - 120
Trichloroethene	20.0	17.8		ug/L		89	76 - 124
Trichlorofluoromethane	20.0	15.6		ug/L		78	27 - 176
Vinyl chloride	20.0	17.1		ug/L		85	65 - 124

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*61 - 138*

QC Sample Results

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

TestAmerica Job ID: 500-151451-1

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

Lab Sample ID: LCS 240-347259/6
Matrix: Water
Analysis Batch: 347259

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

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*69 - 120*
Toluene-d8 (Surr)	*105*		*73 - 120*

Lab Sample ID: 500-151451-4 MS
Matrix: Water
Analysis Batch: 347259

Client Sample ID: P&T Well No. 1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	<0.70		100	93.3		ug/L		93	67 - 142
1,1,1-Trichloroethane	2.2	J	100	91.4		ug/L		89	57 - 156
1,1,2,2-Tetrachloroethane	<0.65		100	98.0		ug/L		98	51 - 123
1,1,2-Trichloroethane	<0.45		100	96.8		ug/L		97	68 - 127
1,1-Dichloroethane	16		100	105		ug/L		89	69 - 122
1,1-Dichloroethene	6.8		100	96.8		ug/L		90	62 - 127
1,1-Dichloropropene	<0.70		100	88.3		ug/L		88	55 - 136
1,2,3-Trichlorobenzene	<2.7		100	82.7		ug/L		83	40 - 139
1,2,3-Trichloropropane	<1.2		100	96.9		ug/L		97	41 - 152
1,2,4-Trichlorobenzene	<1.3		100	76.8		ug/L		77	26 - 138
1,2,4-Trimethylbenzene	<0.35		100	90.4		ug/L		90	64 - 120
1,2-Dibromo-3-Chloropropane	<4.6		100	90.7		ug/L		91	48 - 130
1,2-Dibromoethane	<0.60		100	88.5		ug/L		89	73 - 121
1,2-Dichlorobenzene	<0.75		100	93.5		ug/L		94	70 - 120
1,2-Dichloroethane	<1.1		100	85.3		ug/L		85	64 - 138
1,2-Dichloropropane	<0.75		100	90.8		ug/L		91	72 - 131
1,3,5-Trimethylbenzene	<0.60		100	91.7		ug/L		92	67 - 120
1,3-Dichlorobenzene	<0.75		100	88.5		ug/L		89	71 - 120
1,3-Dichloropropane	<1.1		100	90.1		ug/L		90	58 - 137
1,4-Dichlorobenzene	<0.80		100	88.1		ug/L		88	72 - 120
2,2-Dichloropropane	<1.6		100	79.8		ug/L		80	34 - 153
2-Chlorotoluene	<0.75		100	92.7		ug/L		93	52 - 134
2-Hexanone	<2.7		200	185		ug/L		93	21 - 184
4-Chlorotoluene	<0.45		100	91.9		ug/L		92	52 - 133
Acetone	<27		200	190		ug/L		95	19 - 133
Benzene	<0.65		100	92.5		ug/L		93	69 - 127
Bromobenzene	<0.60		100	89.8		ug/L		90	59 - 131
Bromochloromethane	<0.70		100	82.5		ug/L		82	66 - 132
Bromodichloromethane	<0.85		100	85.3		ug/L		85	75 - 128
Bromoform	<3.8		100	85.1		ug/L		85	61 - 135
Bromomethane	<2.1		100	90.4		ug/L		90	10 - 148
Carbon disulfide	<1.4		100	84.2		ug/L		84	46 - 143
Carbon tetrachloride	<1.3		100	86.0		ug/L		86	53 - 175
Chlorobenzene	<0.70		100	91.6		ug/L		92	76 - 120
Chloroethane	<4.2		100	91.6		ug/L		92	10 - 141
Chloroform	<0.65		100	91.3		ug/L		91	74 - 125
Chloromethane	<1.0		100	81.9		ug/L		82	34 - 127
cis-1,2-Dichloroethene	84		100	170		ug/L		86	69 - 127
cis-1,3-Dichloropropene	<3.1		100	83.5		ug/L		83	68 - 120
Dibromochloromethane	<2.0		100	89.8		ug/L		90	62 - 131

QC Sample Results

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

TestAmerica Job ID: 500-151451-1

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

Lab Sample ID: 500-151451-4 MS
Matrix: Water
Analysis Batch: 347259

Client Sample ID: P&T Well No. 1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Dibromomethane	<0.45		100	85.9		ug/L		86	73 - 120
Dichlorodifluoromethane	<1.8		100	61.9		ug/L		62	45 - 130
Ethylbenzene	<0.55		100	91.7		ug/L		92	72 - 121
Hexachlorobutadiene	<4.2		100	80.1		ug/L		80	30 - 134
Isopropylbenzene	<0.45		100	93.6		ug/L		94	70 - 132
m&p-Xylene	<0.40		100	93.3		ug/L		93	70 - 121
Methyl Ethyl Ketone	<5.8		200	198		ug/L		99	34 - 153
methyl isobutyl ketone	<2.1		200	174		ug/L		87	53 - 147
Methyl tert-butyl ether	<0.35		100	80.4		ug/L		80	67 - 125
Methylene Chloride	<13		100	85.6		ug/L		86	52 - 137
Naphthalene	<1.6		100	81.8		ug/L		82	28 - 150
n-Butylbenzene	<0.70		100	86.2		ug/L		86	38 - 133
N-Propylbenzene	<0.75		100	93.4		ug/L		93	50 - 134
o-Xylene	<0.45		100	93.4		ug/L		93	71 - 125
p-Isopropyltoluene	<0.65		100	92.4		ug/L		92	70 - 120
sec-Butylbenzene	<0.65		100	92.2		ug/L		92	43 - 133
Styrene	<0.50		100	92.0		ug/L		92	74 - 125
tert-Butylbenzene	<0.70		100	90.4		ug/L		90	48 - 131
Tetrachloroethene	0.95	J	100	92.4		ug/L		91	69 - 126
Toluene	<0.70		100	92.9		ug/L		93	69 - 125
trans-1,2-Dichloroethene	1.1	J	100	91.2		ug/L		90	66 - 131
trans-1,3-Dichloropropene	<3.4		100	79.2		ug/L		79	59 - 120
Trichloroethene	5.7		100	93.6		ug/L		88	68 - 129
Trichlorofluoromethane	<2.3		100	84.8		ug/L		85	28 - 172
Vinyl chloride	<1.0		100	87.8		ug/L		88	55 - 123

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*61 - 138*
4-Bromofluorobenzene (Surr)	*97*		*69 - 120*
Toluene-d8 (Surr)	*101*		*73 - 120*

Lab Sample ID: 500-151451-4 MSD
Matrix: Water
Analysis Batch: 347259

Client Sample ID: P&T Well No. 1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	<0.70		100	96.5		ug/L		96	67 - 142	3	18
1,1,1-Trichloroethane	2.2	J	100	93.9		ug/L		92	57 - 156	3	13
1,1,2,2-Tetrachloroethane	<0.65		100	102		ug/L		102	51 - 123	4	17
1,1,2-Trichloroethane	<0.45		100	101		ug/L		101	68 - 127	4	11
1,1-Dichloroethane	16		100	107		ug/L		91	69 - 122	2	11
1,1-Dichloroethene	6.8		100	99.7		ug/L		93	62 - 127	3	14
1,1-Dichloropropene	<0.70		100	90.2		ug/L		90	55 - 136	2	35
1,2,3-Trichlorobenzene	<2.7		100	88.2		ug/L		88	40 - 139	6	35
1,2,3-Trichloropropane	<1.2		100	104		ug/L		104	41 - 152	7	12
1,2,4-Trichlorobenzene	<1.3		100	82.9		ug/L		83	26 - 138	8	35
1,2,4-Trimethylbenzene	<0.35		100	97.7		ug/L		98	64 - 120	8	22
1,2-Dibromo-3-Chloropropane	<4.6		100	94.6		ug/L		95	48 - 130	4	31

QC Sample Results

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

TestAmerica Job ID: 500-151451-1

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

Lab Sample ID: 500-151451-4 MSD
Matrix: Water
Analysis Batch: 347259

Client Sample ID: P&T Well No. 1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2-Dibromoethane	<0.60		100	90.8		ug/L		91	73 - 121	3	12
1,2-Dichlorobenzene	<0.75		100	97.6		ug/L		98	70 - 120	4	19
1,2-Dichloroethane	<1.1		100	87.3		ug/L		87	64 - 138	2	11
1,2-Dichloropropane	<0.75		100	92.6		ug/L		93	72 - 131	2	12
1,3,5-Trimethylbenzene	<0.60		100	98.0		ug/L		98	67 - 120	7	25
1,3-Dichlorobenzene	<0.75		100	95.2		ug/L		95	71 - 120	7	18
1,3-Dichloropropane	<1.1		100	92.5		ug/L		92	58 - 137	3	35
1,4-Dichlorobenzene	<0.80		100	93.6		ug/L		94	72 - 120	6	17
2,2-Dichloropropane	<1.6		100	81.9		ug/L		82	34 - 153	3	35
2-Chlorotoluene	<0.75		100	99.8		ug/L		100	52 - 134	7	35
2-Hexanone	<2.7		200	189		ug/L		95	21 - 184	2	12
4-Chlorotoluene	<0.45		100	97.0		ug/L		97	52 - 133	5	35
Acetone	<27		200	219		ug/L		109	19 - 133	14	35
Benzene	<0.65		100	94.6		ug/L		95	69 - 127	2	10
Bromobenzene	<0.60		100	96.6		ug/L		97	59 - 131	7	35
Bromochloromethane	<0.70		100	86.6		ug/L		87	66 - 132	5	15
Bromodichloromethane	<0.85		100	88.4		ug/L		88	75 - 128	3	13
Bromoform	<3.8		100	86.7		ug/L		87	61 - 135	2	13
Bromomethane	<2.1		100	87.1		ug/L		87	10 - 148	4	35
Carbon disulfide	<1.4		100	86.6		ug/L		87	46 - 143	3	18
Carbon tetrachloride	<1.3		100	87.9		ug/L		88	53 - 175	2	17
Chlorobenzene	<0.70		100	93.6		ug/L		94	76 - 120	2	12
Chloroethane	<4.2		100	88.3		ug/L		88	10 - 141	4	35
Chloroform	<0.65		100	94.7		ug/L		95	74 - 125	4	11
Chloromethane	<1.0		100	79.9		ug/L		80	34 - 127	2	25
cis-1,2-Dichloroethene	84		100	175		ug/L		91	69 - 127	3	11
cis-1,3-Dichloropropene	<3.1		100	85.5		ug/L		86	68 - 120	2	13
Dibromochloromethane	<2.0		100	92.9		ug/L		93	62 - 131	3	15
Dibromomethane	<0.45		100	88.7		ug/L		89	73 - 120	3	16
Dichlorodifluoromethane	<1.8		100	60.7		ug/L		61	45 - 130	2	34
Ethylbenzene	<0.55		100	95.2		ug/L		95	72 - 121	4	15
Hexachlorobutadiene	<4.2		100	87.5		ug/L		87	30 - 134	9	35
Isopropylbenzene	<0.45		100	96.8		ug/L		97	70 - 132	3	16
m&p-Xylene	<0.40		100	96.9		ug/L		97	70 - 121	4	15
Methyl Ethyl Ketone	<5.8		200	201		ug/L		100	34 - 153	1	23
methyl isobutyl ketone	<2.1		200	176		ug/L		88	53 - 147	1	16
Methyl tert-butyl ether	<0.35		100	82.8		ug/L		83	67 - 125	3	12
Methylene Chloride	<13		100	87.8		ug/L		88	52 - 137	3	12
Naphthalene	<1.6		100	88.8		ug/L		89	28 - 150	8	35
n-Butylbenzene	<0.70		100	93.3		ug/L		93	38 - 133	8	35
N-Propylbenzene	<0.75		100	99.4		ug/L		99	50 - 134	6	35
o-Xylene	<0.45		100	97.4		ug/L		97	71 - 125	4	15
p-Isopropyltoluene	<0.65		100	99.0		ug/L		99	70 - 120	7	22
sec-Butylbenzene	<0.65		100	98.8		ug/L		99	43 - 133	7	35
Styrene	<0.50		100	94.6		ug/L		95	74 - 125	3	14
tert-Butylbenzene	<0.70		100	97.5		ug/L		97	48 - 131	8	35
Tetrachloroethene	0.95	J	100	95.0		ug/L		94	69 - 126	3	18
Toluene	<0.70		100	95.5		ug/L		95	69 - 125	3	14

QC Sample Results

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

TestAmerica Job ID: 500-151451-1

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

Lab Sample ID: 500-151451-4 MSD
Matrix: Water
Analysis Batch: 347259

Client Sample ID: P&T Well No. 1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
trans-1,2-Dichloroethene	1.1	J	100	92.6		ug/L		91	66 - 131	1	11
trans-1,3-Dichloropropene	<3.4		100	82.5		ug/L		82	59 - 120	4	14
Trichloroethene	5.7		100	95.7		ug/L		90	68 - 129	2	12
Trichlorofluoromethane	<2.3		100	81.4		ug/L		81	28 - 172	4	26
Vinyl chloride	<1.0		100	85.2		ug/L		85	55 - 123	3	12

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*61 - 138*
4-Bromofluorobenzene (Surr)	*97*		*69 - 120*
Toluene-d8 (Surr)	*102*		*73 - 120*

Method: 6020A - Metals (ICP/MS)

Lab Sample ID: MB 500-449941/1-A
Matrix: Water
Analysis Batch: 450297

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 449941

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	<0.17		0.50	0.17	ug/L		09/14/18 16:14	09/17/18 12:44	1
Copper	<0.50		2.0	0.50	ug/L		09/14/18 16:14	09/17/18 12:44	1
Iron	<47		100	47	ug/L		09/14/18 16:14	09/17/18 12:44	1
Lead	<0.19		0.50	0.19	ug/L		09/14/18 16:14	09/17/18 12:44	1
Manganese	<0.79		2.5	0.79	ug/L		09/14/18 16:14	09/17/18 12:44	1
Nickel	<0.63		2.0	0.63	ug/L		09/14/18 16:14	09/17/18 12:44	1
Selenium	<0.98		2.5	0.98	ug/L		09/14/18 16:14	09/17/18 12:44	1

Lab Sample ID: LCS 500-449941/2-A
Matrix: Water
Analysis Batch: 450297

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 449941

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cadmium	50.0	49.9		ug/L		100	80 - 120
Copper	250	257		ug/L		103	80 - 120
Iron	1000	1160		ug/L		116	80 - 120
Lead	100	102		ug/L		102	80 - 120
Manganese	500	509		ug/L		102	80 - 120
Nickel	500	506		ug/L		101	80 - 120
Selenium	100	98.1		ug/L		98	80 - 120

Lab Sample ID: 500-151451-1 MS
Matrix: Water
Analysis Batch: 450297

Client Sample ID: North Pond
Prep Type: Total Recoverable
Prep Batch: 449941

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cadmium	<0.17		50.0	49.6		ug/L		99	75 - 125
Copper	3.5		250	260		ug/L		102	75 - 125
Iron	170	F1 F2	1000	1220		ug/L		106	75 - 125
Lead	0.63		100	103		ug/L		102	75 - 125

QC Sample Results

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

TestAmerica Job ID: 500-151451-1

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: 500-151451-1 MS
Matrix: Water
Analysis Batch: 450297

Client Sample ID: North Pond
Prep Type: Total Recoverable
Prep Batch: 449941

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Manganese	7.5		500	495		ug/L		97	75 - 125
Nickel	4.1		500	493		ug/L		98	75 - 125
Selenium	<0.98		100	97.5		ug/L		97	75 - 125

Lab Sample ID: 500-151451-1 MSD
Matrix: Water
Analysis Batch: 450297

Client Sample ID: North Pond
Prep Type: Total Recoverable
Prep Batch: 449941

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cadmium	<0.17		50.0	49.4		ug/L		99	75 - 125	0	20
Copper	3.5		250	259		ug/L		102	75 - 125	0	20
Iron	170	F1 F2	1000	1510	F1 F2	ug/L		135	75 - 125	21	20
Lead	0.63		100	101		ug/L		100	75 - 125	2	20
Manganese	7.5		500	510		ug/L		100	75 - 125	3	20
Nickel	4.1		500	503		ug/L		100	75 - 125	2	20
Selenium	<0.98		100	97.3		ug/L		97	75 - 125	0	20

Lab Sample ID: 500-151451-1 DU
Matrix: Water
Analysis Batch: 450297

Client Sample ID: North Pond
Prep Type: Total Recoverable
Prep Batch: 449941

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Cadmium	<0.17		<0.17		ug/L		NC	20
Copper	3.5		3.22		ug/L		10	20
Iron	170	F1 F2	123	F5	ug/L		31	20
Lead	0.63		0.590		ug/L		6	20
Manganese	7.5		7.13		ug/L		4	20
Nickel	4.1		3.92		ug/L		5	20
Selenium	<0.98		<0.98		ug/L		NC	20

Method: 353.2 - Nitrogen, Nitrate-Nitrite

Lab Sample ID: MB 500-450571/12
Matrix: Water
Analysis Batch: 450571

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrogen, Nitrate Nitrite	<0.041		0.10	0.041	mg/L			09/18/18 18:04	1

Lab Sample ID: LCS 500-450571/13
Matrix: Water
Analysis Batch: 450571

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrogen, Nitrate Nitrite	1.00	0.958		mg/L		96	90 - 110

QC Sample Results

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

TestAmerica Job ID: 500-151451-1

Method: SM 4500 H+ B - pH

Lab Sample ID: 500-151451-1 DU — **Client Sample ID: North Pond**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 450311

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
pH	7.8	HF		7.8		SU				0.3	

Lab Sample ID: 500-151451-4 DU — **Client Sample ID: P&T Well No. 1**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 450311

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
pH	8.1	HF		8.2		SU				1	

Lab Sample ID: 500-151451-5 DU — **Client Sample ID: P&T Well No. 2**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 450311

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
pH	7.5	HF		7.5		SU				0.4	

Lab Sample ID: 500-151451-6 DU — **Client Sample ID: S.B. Well No. 1 Irrigation**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 450311

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
pH	7.6	HF		7.6		SU				0.3	

Lab Sample ID: 500-151451-7 DU — **Client Sample ID: S.B. Well No. 2 Restrooms**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 450311

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
pH	7.4	HF		7.4		SU				0.7	

Lab Sample ID: 500-151451-2 DU — **Client Sample ID: South Pond**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 452324

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
pH	6.4	HF		6.4		SU				0.3	

Lab Sample ID: 500-151451-3 DU — **Client Sample ID: P&T Effluent**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 452324

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
pH	7.7	HF		7.7		SU				0	

Lab Chronicle

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

TestAmerica Job ID: 500-151451-1

Client Sample ID: North Pond — Lab Sample ID: 500-151451-1

Date Collected: 09/13/18 11:00
Date Received: 09/14/18 09:45
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			449941	09/14/18 16:14	BDE	TAL CHI
Total Recoverable	Analysis	6020A		1	450297	09/17/18 12:51	FXG	TAL CHI
Total/NA	Analysis	353.2		1	450571	09/18/18 18:15	FJD	TAL CHI
Total/NA	Analysis	SM 4500 H+ B		1	450311		RRP	TAL CHI
					(Start)	09/18/18 09:39		
					(End)	09/17/18 13:40		

Client Sample ID: South Pond — Lab Sample ID: 500-151451-2

Date Collected: 09/13/18 11:05
Date Received: 09/14/18 09:45
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			449941	09/14/18 16:14	BDE	TAL CHI
Total Recoverable	Analysis	6020A		1	450297	09/17/18 13:10	FXG	TAL CHI
Total/NA	Analysis	353.2		1	450571	09/18/18 18:17	FJD	TAL CHI
Total/NA	Analysis	SM 4500 H+ B		1	452324		SMO	TAL CHI
					(Start)	09/28/18 15:16		
					(End)	09/28/18 15:19		

Client Sample ID: P&T Effluent — Lab Sample ID: 500-151451-3

Date Collected: 09/13/18 11:15
Date Received: 09/14/18 09:45
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	347259	09/26/18 11:07	HMB	TAL CAN
Total/NA	Analysis	SM 4500 H+ B		1	452324		SMO	TAL CHI
					(Start)	09/28/18 15:22		
					(End)	09/28/18 15:25		

Client Sample ID: P&T Well No. 1 — Lab Sample ID: 500-151451-4

Date Collected: 09/13/18 11:45
Date Received: 09/14/18 09:45
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		5	347259	09/26/18 11:29	HMB	TAL CAN
Total/NA	Analysis	SM 4500 H+ B		1	450311		RRP	TAL CHI
					(Start)	09/18/18 09:39		
					(End)	09/17/18 13:40		

Lab Chronicle

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

TestAmerica Job ID: 500-151451-1

Client Sample ID: P&T Well No. 2

Lab Sample ID: 500-151451-5
Matrix: Water

Date Collected: 09/13/18 12:30
Date Received: 09/14/18 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	347259	09/26/18 11:51	HMB	TAL CAN
Total/NA	Analysis	SM 4500 H+ B		1	450311		RRP	TAL CHI
					(Start)	09/18/18 09:39		
					(End)	09/17/18 13:40		

Client Sample ID: Ex. 6 Personal Privacy (PP)

Lab Sample ID: 500-151451-6
Matrix: Water

Date Collected: 09/13/18 11:25
Date Received: 09/14/18 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	347259	09/26/18 12:14	HMB	TAL CAN
Total/NA	Analysis	SM 4500 H+ B		1	450311		RRP	TAL CHI
					(Start)	09/18/18 09:39		
					(End)	09/17/18 13:40		

Client Sample ID: Ex. 6 Personal Privacy (PP)

Lab Sample ID: 500-151451-7
Matrix: Water

Date Collected: 09/13/18 11:30
Date Received: 09/14/18 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	347259	09/26/18 12:36	HMB	TAL CAN
Total/NA	Analysis	SM 4500 H+ B		1	450311		RRP	TAL CHI
					(Start)	09/18/18 09:39		
					(End)	09/17/18 13:40		

Client Sample ID: Trip Blank

Lab Sample ID: 500-151451-8
Matrix: Water

Date Collected: 09/13/18 00:00
Date Received: 09/14/18 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	347259	09/26/18 12:58	HMB	TAL CAN

Laboratory References:

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396
TAL CHI = TestAmerica Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

Accreditation/Certification Summary

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

TestAmerica Job ID: 500-151451-1

Laboratory: TestAmerica Chicago

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

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

Laboratory: TestAmerica Canton

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

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

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

Chicago
2417 Bond Street

University Park, IL 60466
phone 708.534.5200 fax 708.534.5363

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Chain of Custody Record, 3rd Month of Quarter

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Robert Johnson	Site Contact: Robert Johnson	Date: 9/13/18	COC No: 157780
Central Wire Union Plant	Tel/Fax: 815.923.4919; 815.923.2126	Lab Contact:	Carrier: UPS	___1___ of ___1___ COCs
6509 Olson Rd.	Analysis Turnaround Time			Job No. 500-151451
Union, IL 60180	Calendar (C) or Work Days (W) _____			SDG No.
(815) 923-2131 Phone	TAT if different from Below _____			
(815) 923-2126 Fax	[X] 2 weeks			
3rd mo. of qtr	[ ] 1 week			
Union Plant	[ ] 2 days			
P O #	[ ] 1 day			

	Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	VOCs (vials) 1, 2	Metals* (250 ml jars) 1, 4	N + N (500 ml vials) 1, 3	pH 1, 6	Sample Specific Notes:
1	North Pond	9/13	1100	G	GW	1	N		X			
	North Pond		1100	G	GW	1	N			X		
	North Pond pH		1100	G	GW	1	N				X	
2	South Pond		1105	G	GW	1	N		X			
	South Pond		1105	G	GW	1	N			X		
	South Pond pH		1105	G	GW	1	N				X	
3	P&T Effluent		1115	G	GW	3	N	X				
	P&T pH		1115	G	GW	1	N				X	
4	P&T Well No. 1		1145	G	GW	3	N	X				
	P&T Well No. 1 pH		1145	G	GW	1	N				X	
5	P&T Well No. 2		1230	G	GW	3	N	X				
	P&T Well No. 2 pH		1230	G	GW	1	N				X	
			1125	G	GW	3	N	X				
			1125	G	GW	1	N				X	
			1130	G	GW	3	N	X				
			1130	G	GW	1	N				X	

500-151451 COC

Ex. 6 Personal Privacy (PP)

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

Possible Hazard Identification
[ ] *Non-Hazard* [ ] *Flammable* [ ] *Skin Irritant* *Poison B* [ ] *Unknown* [ ]

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

Special Instructions/QC Requirements & Comments:

North Pond Metals: Iron (Fe), Lead (Pb), Manganese (Mn), Nickel (Ni), Cadmium (Cd), Nitrates (N), Selenium (Se) & Copper (Cu)
South Pond Metals: Iron (Fe), Lead (Pb), Manganese (Mn), Nickel (Ni), Cadmium (Cd), Nitrates (N), Selenium (Se) & Copper (Cu)

UPS -1.6

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Bob Johnson	CWI 9/13	1330	[signature]	CWI	9/13 13:30
[signature]	CWI 9/13	15:30	[signature]	UPS	9/13 1530
			[signature]	TAHI	09/14/18 0945

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

0.6/C1.5

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler:	Lab PM: Wright, Richard C	Carrier Tracking No(s):	COC No: 500-110308.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: richard.wright@testamericainc.com	State of Origin: Illinois	Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Illinois		Job #: 500-151451-1
Address: 4101 Shuffel Street NW.	Due Date Requested: 9/27/2018			
City: North Canton	TAT Requested (days):			
State, Zip: OH, 44720				
Phone: 330-497-9396(Tel) 330-497-0772(Fax)	PO #:			
Email:	WO #:			
Project Name: Central Wire	Project #: 50005584			
Site: Techalloy	SSOW#:			

Analysis Requested

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

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (w=water, s=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260C/5030C Default List	Total Number of containers	Special Instructions/Note:
			Preservation Code:						MS
P&T Effluent (500-151451-3)	9/13/18	11:15 Central		Water			X	3	
P&T Well No. 1 (500-151451-4)	9/13/18	11:45 Central		Water			X	3	
P&T Well No. 2 (500-151451-5)	9/13/18	12:30 Central		Water			X	3	
[illegible]	9/13/18	11:25 Central		Water			X	3	
[illegible]	9/13/18	11:30 Central		Water			X	3	
Trip Blank (500-151451-8)	9/13/18	Central		Water			X	2	

Note: Since laboratory accreditations are subject to change, TestAmerica Laboratories, Inc. places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. 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]	09/14/18 1630	TALLI	[signature]	9/15/18 945	TA

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

Ver. 09/20/2016

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

Client TA Chicago Site Name
Cooler unpacked by:
Cooler Received on 9/15/18 Opened on 9/17/18
FedEx: 1st Grd Exp UPS FAS Clipper Client Drop Off TestAmerica Courier Other

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

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

1. Cooler temperature upon receipt ☐ See Multiple Cooler Form
   IR GUN# IR-8 (CF +0.9 °C) Observed Cooler Temp. 0.6 °C Corrected Cooler Temp. 1.5 °C
   IR GUN #36 (CF +0.6°C) Observed Cooler Temp. °C Corrected Cooler Temp. °C
2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity 1 Yes No
   -Were the seals on the outside of the cooler(s) signed & dated? Yes No NA
   -Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)? Yes No
   -Were tamper/custody seals intact and uncompromised? Yes No NA
3. Shippers' packing slip attached to the cooler(s)? Yes No
4. Did custody papers accompany the sample(s)? Yes No
5. Were the custody papers relinquished & signed in the appropriate place? Yes No
6. Was/were the person(s) who collected the samples clearly identified on the COC? Yes No
7. Did all bottles arrive in good condition (Unbroken)? Yes No
8. Could all bottle labels be reconciled with the COC? Yes No
9. Were correct bottle(s) used for the test(s) indicated? Yes No
10. Sufficient quantity received to perform indicated analyses? Yes No
11. Are these work share samples? Yes No
    If yes, Questions 12-16 have been checked at the originating laboratory.
12. Were all preserved sample(s) at the correct pH upon receipt? Yes No NA pH Strip Lot# **HC849161**
13. Were VOAs on the COC? Yes No
14. Were air bubbles >6 mm in any VOA vials? ● ← Larger than this. Yes No NA
15. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot # Yes No
16. Was a LL Hg or Me Hg trip blank present? Yes No

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

Contacted PM Date by via Verbal Voice Mail Other

Concerning

17. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES

Samples processed by:

18. SAMPLE CONDITION

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

19. SAMPLE PRESERVATION

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

WI-NC-099

Login Sample Receipt Checklist

Client: Central Wire (Techalloy)

Job Number: 500-151451-1

Login Number: 151451
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	-1.6
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	