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ANALYTICAL REPORT

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

Laboratory Job ID: 500-165378-1
Client Project/Site: Central Wire

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

Attn: Robert Johnson

Authorized for release by:
7/8/2019 10:07:23 AM

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

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

Table of Contents

Cover Page 1
Table of Contents 2
Case Narrative 3
Detection Summary 4
Method Summary 6
Sample Summary 7
Client Sample Results 8
Definitions 22
QC Association 23
Surrogate Summary 25
QC Sample Results 26
Chronicle 35
Certification Summary 37
Chain of Custody 38
Receipt Checklists 41

Case Narrative

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

Job ID: 500-165378-1

Job ID: 500-165378-1

Laboratory: Eurofins TestAmerica, Chicago

Narrative

Job Narrative
500-165378-1

Receipt
The samples were received on 6/20/2019 9:35 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.0º C.

GC/MS VOA
Method(s) 8260C: The continuing calibration verification (CCV) analyzed in batch 240-388924 was outside the method criteria for the following analyte(s): dichloro difluoromethane, and hexachlorobutadiene. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method(s) 8260C: The continuing calibration verification (CCV) analyzed in batch 240-388983 was outside the method criteria for some analytes. 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.

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

Job ID: 500-165378-1

Client Sample ID: North Pond — Lab Sample ID: 500-165378-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Copper	0.028	B	0.0020	0.00050	mg/L	1		6020A	Total Recoverable
Iron	4.0		0.10	0.047	mg/L	1		6020A	Total Recoverable
Lead	0.0063		0.00050	0.00019	mg/L	1		6020A	Total Recoverable
Manganese	0.14		0.0025	0.00079	mg/L	1		6020A	Total Recoverable
Nickel	0.018		0.0020	0.00063	mg/L	1		6020A	Total Recoverable
pH	7.5	HF	0.2	0.2	SU	1		SM 4500 H+ B	Total/NA

Client Sample ID: Sourth Pond — Lab Sample ID: 500-165378-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Copper	0.0022	B	0.0020	0.00050	mg/L	1		6020A	Total Recoverable
Iron	0.15		0.10	0.047	mg/L	1		6020A	Total Recoverable
Manganese	0.076		0.0025	0.00079	mg/L	1		6020A	Total Recoverable
Nickel	0.017		0.0020	0.00063	mg/L	1		6020A	Total Recoverable
pH	6.7	HF	0.2	0.2	SU	1		SM 4500 H+ B	Total/NA

Client Sample ID: P&T Effluent — Lab Sample ID: 500-165378-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	2.0		1.0	0.24	ug/L	1		8260C	Total/NA
1,1-Dichloroethane	1.8		1.0	0.17	ug/L	1		8260C	Total/NA
1,1-Dichloroethene	0.24	J	1.0	0.19	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	10		1.0	0.16	ug/L	1		8260C	Total/NA
Tetrachloroethene	2.4		1.0	0.15	ug/L	1		8260C	Total/NA
Trichloroethene	1.7		1.0	0.10	ug/L	1		8260C	Total/NA
pH	7.3	HF	0.2	0.2	SU	1		SM 4500 H+ B	Total/NA

Client Sample ID: P&T Well No. 1 — Lab Sample ID: 500-165378-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	3.2		2.0	0.48	ug/L	2		8260C	Total/NA
1,1-Dichloroethane	20		2.0	0.34	ug/L	2		8260C	Total/NA
1,1-Dichloroethene	8.7		2.0	0.38	ug/L	2		8260C	Total/NA
cis-1,2-Dichloroethene	96		2.0	0.32	ug/L	2		8260C	Total/NA
Tetrachloroethene	0.68	J	2.0	0.30	ug/L	2		8260C	Total/NA
trans-1,2-Dichloroethene	1.5	J	2.0	0.38	ug/L	2		8260C	Total/NA
Trichloroethene	6.3		2.0	0.20	ug/L	2		8260C	Total/NA
pH	7.3	HF	0.2	0.2	SU	1		SM 4500 H+ B	Total/NA

Client Sample ID: P&T Well No. 2 — Lab Sample ID: 500-165378-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	25		1.0	0.24	ug/L	1		8260C	Total/NA
1,1-Dichloroethane	2.6		1.0	0.17	ug/L	1		8260C	Total/NA
1,1-Dichloroethene	1.5		1.0	0.19	ug/L	1		8260C	Total/NA
1,2-Dichloroethane	0.33	J	1.0	0.21	ug/L	1		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

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

Job ID: 500-165378-1

Client Sample ID: P&T Well No. 2 (Continued) — Lab Sample ID: 500-165378-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	6.0		1.0	0.16	ug/L	1		8260C	Total/NA
Tetrachloroethene	27		1.0	0.15	ug/L	1		8260C	Total/NA
Trichloroethene	11		1.0	0.10	ug/L	1		8260C	Total/NA
pH	7.1	HF	0.2	0.2	SU	1		SM 4500 H+ B	Total/NA

Client Sample ID: Ex. 6 Personal Privacy (PP) — Lab Sample ID: 500-165378-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
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: 500-165378-7

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: Trip Blank — Lab Sample ID: 500-165378-8

No Detections.

This Detection Summary does not include radiochemical test results.

Method Summary

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

Job ID: 500-165378-1

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

Sample Summary

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

Job ID: 500-165378-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
500-165378-1	North Pond	Water	06/19/19 10:00	06/20/19 09:35	
500-165378-2	Sourth Pond	Water	06/19/19 10:05	06/20/19 09:35	
500-165378-3	P&T Effluent	Water	06/19/19 10:15	06/20/19 09:35	
500-165378-4	P&T Well No. 1	Water	06/19/19 10:45	06/20/19 09:35	
500-165378-5	P&T Well No. 2	Water	06/19/19 11:15	06/20/19 09:35	
500-165378-6	Ex. 6 Personal Privacy (PP)	Water	06/19/19 10:25	06/20/19 09:35	
500-165378-7		Water	06/19/19 10:30	06/20/19 09:35	
500-165378-8	Trip Blank	Water	06/19/19 00:00	06/20/19 09:35	

Client Sample Results

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

Job ID: 500-165378-1

Client Sample ID: North Pond

Lab Sample ID: 500-165378-1

Date Collected: 06/19/19 10:00
Date Received: 06/20/19 09:35

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	<0.00017		0.00050	0.00017	mg/L		06/21/19 07:59	06/24/19 15:05	1
Copper	**0.028**	**B**	0.0020	0.00050	mg/L		06/21/19 07:59	06/24/19 15:05	1
Iron	**4.0**		0.10	0.047	mg/L		06/21/19 07:59	06/24/19 15:05	1
Lead	**0.0063**		0.00050	0.00019	mg/L		06/21/19 07:59	06/24/19 15:05	1
Manganese	**0.14**		0.0025	0.00079	mg/L		06/21/19 07:59	06/24/19 15:05	1
Nickel	**0.018**		0.0020	0.00063	mg/L		06/21/19 07:59	06/24/19 15:05	1
Selenium	<0.00098		0.0025	0.00098	mg/L		06/21/19 07:59	06/24/19 15:05	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			06/28/19 08:41	1
pH	**7.5**	**HF**	0.2	0.2	SU			07/05/19 13:29	1

Client Sample Results

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

Job ID: 500-165378-1

Client Sample ID: Sourth Pond

Lab Sample ID: 500-165378-2

Date Collected: 06/19/19 10:05
Date Received: 06/20/19 09:35

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	<0.00017		0.00050	0.00017	mg/L		06/21/19 07:59	06/24/19 15:09	1
Copper	**0.0022**	**B**	0.0020	0.00050	mg/L		06/21/19 07:59	06/24/19 15:09	1
Iron	**0.15**		0.10	0.047	mg/L		06/21/19 07:59	06/24/19 15:09	1
Lead	<0.00019		0.00050	0.00019	mg/L		06/21/19 07:59	06/24/19 15:09	1
Manganese	**0.076**		0.0025	0.00079	mg/L		06/21/19 07:59	06/24/19 15:09	1
Nickel	**0.017**		0.0020	0.00063	mg/L		06/21/19 07:59	06/24/19 15:09	1
Selenium	<0.00098		0.0025	0.00098	mg/L		06/21/19 07:59	06/24/19 15:09	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			06/28/19 08:42	1
pH	**6.7**	**HF**	0.2	0.2	SU			07/05/19 13:33	1

Client Sample Results

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

Job ID: 500-165378-1

Client Sample ID: P&T Effluent

Lab Sample ID: 500-165378-3

Date Collected: 06/19/19 10:15
Date Received: 06/20/19 09:35

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			06/29/19 00:37	1
1,1,1-Trichloroethane	**2.0**		1.0	0.24	ug/L			06/29/19 00:37	1
1,1,2,2-Tetrachloroethane	<0.13		1.0	0.13	ug/L			06/29/19 00:37	1
1,1,2-Trichloroethane	<0.090		1.0	0.090	ug/L			06/29/19 00:37	1
1,1-Dichloroethane	**1.8**		1.0	0.17	ug/L			06/29/19 00:37	1
1,1-Dichloroethene	**0.24**	J	1.0	0.19	ug/L			06/29/19 00:37	1
1,1-Dichloropropene	<0.14		1.0	0.14	ug/L			06/29/19 00:37	1
1,2,3-Trichlorobenzene	<0.54		1.0	0.54	ug/L			06/29/19 00:37	1
1,2,3-Trichloropropane	<0.24		1.0	0.24	ug/L			06/29/19 00:37	1
1,2,4-Trichlorobenzene	<0.26		1.0	0.26	ug/L			06/29/19 00:37	1
1,2,4-Trimethylbenzene	<0.070		1.0	0.070	ug/L			06/29/19 00:37	1
1,2-Dibromo-3-Chloropropane	<0.91		2.0	0.91	ug/L			06/29/19 00:37	1
1,2-Dibromoethane	<0.12		1.0	0.12	ug/L			06/29/19 00:37	1
1,2-Dichlorobenzene	<0.15		1.0	0.15	ug/L			06/29/19 00:37	1
1,2-Dichloroethane	<0.21		1.0	0.21	ug/L			06/29/19 00:37	1
1,2-Dichloropropane	<0.15		1.0	0.15	ug/L			06/29/19 00:37	1
1,3,5-Trimethylbenzene	<0.12		1.0	0.12	ug/L			06/29/19 00:37	1
1,3-Dichlorobenzene	<0.15		1.0	0.15	ug/L			06/29/19 00:37	1
1,3-Dichloropropane	<0.21		1.0	0.21	ug/L			06/29/19 00:37	1
1,3-Dichloropropene, Total	<1.3		2.0	1.3	ug/L			06/29/19 00:37	1
1,4-Dichlorobenzene	<0.16		1.0	0.16	ug/L			06/29/19 00:37	1
2,2-Dichloropropane	<0.31		1.0	0.31	ug/L			06/29/19 00:37	1
2-Chlorotoluene	<0.15		1.0	0.15	ug/L			06/29/19 00:37	1
2-Hexanone	<0.54		10	0.54	ug/L			06/29/19 00:37	1
4-Chlorotoluene	<0.090		1.0	0.090	ug/L			06/29/19 00:37	1
Acetone	<5.4		10	5.4	ug/L			06/29/19 00:37	1
Benzene	<0.13		1.0	0.13	ug/L			06/29/19 00:37	1
Bromobenzene	<0.12		1.0	0.12	ug/L			06/29/19 00:37	1
Bromochloromethane	<0.14		1.0	0.14	ug/L			06/29/19 00:37	1
Bromodichloromethane	<0.17		1.0	0.17	ug/L			06/29/19 00:37	1
Bromoform	<0.76		1.0	0.76	ug/L			06/29/19 00:37	1
Bromomethane	<0.42		1.0	0.42	ug/L			06/29/19 00:37	1
Carbon disulfide	<0.28		1.0	0.28	ug/L			06/29/19 00:37	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/L			06/29/19 00:37	1
Chlorobenzene	<0.14		1.0	0.14	ug/L			06/29/19 00:37	1
Chloroethane	<0.83		1.0	0.83	ug/L			06/29/19 00:37	1
Chloroform	<0.13		1.0	0.13	ug/L			06/29/19 00:37	1
Chloromethane	<0.20		1.0	0.20	ug/L			06/29/19 00:37	1
cis-1,2-Dichloroethene	**10**		1.0	0.16	ug/L			06/29/19 00:37	1
cis-1,3-Dichloropropene	<0.61		1.0	0.61	ug/L			06/29/19 00:37	1
Dibromochloromethane	<0.39		1.0	0.39	ug/L			06/29/19 00:37	1
Dibromomethane	<0.090		1.0	0.090	ug/L			06/29/19 00:37	1
Dichlorodifluoromethane	<0.35		1.0	0.35	ug/L			06/29/19 00:37	1
Ethylbenzene	<0.11		1.0	0.11	ug/L			06/29/19 00:37	1
Hexachlorobutadiene	<0.83		1.0	0.83	ug/L			06/29/19 00:37	1
Isopropylbenzene	<0.090		1.0	0.090	ug/L			06/29/19 00:37	1
m&p-Xylene	<0.080		2.0	0.080	ug/L			06/29/19 00:37	1
Methyl Ethyl Ketone	<1.2		10	1.2	ug/L			06/29/19 00:37	1
methyl isobutyl ketone	<0.42		10	0.42	ug/L			06/29/19 00:37	1

Client Sample Results

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

Job ID: 500-165378-1

Client Sample ID: P&T Effluent

Lab Sample ID: 500-165378-3

Date Collected: 06/19/19 10:15
Date Received: 06/20/19 09:35

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	<0.070		1.0	0.070	ug/L			06/29/19 00:37	1
Methylene Chloride	<2.6		5.0	2.6	ug/L			06/29/19 00:37	1
Naphthalene	<0.32		1.0	0.32	ug/L			06/29/19 00:37	1
n-Butylbenzene	<0.14		1.0	0.14	ug/L			06/29/19 00:37	1
N-Propylbenzene	<0.15		1.0	0.15	ug/L			06/29/19 00:37	1
o-Xylene	<0.090		1.0	0.090	ug/L			06/29/19 00:37	1
p-Isopropyltoluene	<0.13		1.0	0.13	ug/L			06/29/19 00:37	1
sec-Butylbenzene	<0.13		1.0	0.13	ug/L			06/29/19 00:37	1
Styrene	<0.10		1.0	0.10	ug/L			06/29/19 00:37	1
tert-Butylbenzene	<0.14		1.0	0.14	ug/L			06/29/19 00:37	1
Tetrachloroethene	**2.4**		1.0	0.15	ug/L			06/29/19 00:37	1
Toluene	<0.14		1.0	0.14	ug/L			06/29/19 00:37	1
trans-1,2-Dichloroethene	<0.19		1.0	0.19	ug/L			06/29/19 00:37	1
trans-1,3-Dichloropropene	<0.67		1.0	0.67	ug/L			06/29/19 00:37	1
Trichloroethene	**1.7**		1.0	0.10	ug/L			06/29/19 00:37	1
Trichlorofluoromethane	<0.45		1.0	0.45	ug/L			06/29/19 00:37	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/29/19 00:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*70 - 121*		*06/29/19 00:37*	*1*
4-Bromofluorobenzene (Surr)	*91*		*59 - 120*		*06/29/19 00:37*	*1*
Toluene-d8 (Surr)	*90*		*70 - 123*		*06/29/19 00:37*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	**7.3**	**HF**	0.2	0.2	SU			07/05/19 13:37	1

Client Sample Results

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

Job ID: 500-165378-1

Client Sample ID: P&T Well No. 1

Lab Sample ID: 500-165378-4

Date Collected: 06/19/19 10:45
Date Received: 06/20/19 09:35

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	<0.28		2.0	0.28	ug/L			06/29/19 14:54	2
1,1,1-Trichloroethane	**3.2**		2.0	0.48	ug/L			06/29/19 14:54	2
1,1,2,2-Tetrachloroethane	<0.26		2.0	0.26	ug/L			06/29/19 14:54	2
1,1,2-Trichloroethane	<0.18		2.0	0.18	ug/L			06/29/19 14:54	2
1,1-Dichloroethane	**20**		2.0	0.34	ug/L			06/29/19 14:54	2
1,1-Dichloroethene	**8.7**		2.0	0.38	ug/L			06/29/19 14:54	2
1,1-Dichloropropene	<0.28		2.0	0.28	ug/L			06/29/19 14:54	2
1,2,3-Trichlorobenzene	<1.1		2.0	1.1	ug/L			06/29/19 14:54	2
1,2,3-Trichloropropane	<0.48		2.0	0.48	ug/L			06/29/19 14:54	2
1,2,4-Trichlorobenzene	<0.52		2.0	0.52	ug/L			06/29/19 14:54	2
1,2,4-Trimethylbenzene	<0.14		2.0	0.14	ug/L			06/29/19 14:54	2
1,2-Dibromo-3-Chloropropane	<1.8		4.0	1.8	ug/L			06/29/19 14:54	2
1,2-Dibromoethane	<0.24		2.0	0.24	ug/L			06/29/19 14:54	2
1,2-Dichlorobenzene	<0.30		2.0	0.30	ug/L			06/29/19 14:54	2
1,2-Dichloroethane	<0.42		2.0	0.42	ug/L			06/29/19 14:54	2
1,2-Dichloropropane	<0.30		2.0	0.30	ug/L			06/29/19 14:54	2
1,3,5-Trimethylbenzene	<0.24		2.0	0.24	ug/L			06/29/19 14:54	2
1,3-Dichlorobenzene	<0.30		2.0	0.30	ug/L			06/29/19 14:54	2
1,3-Dichloropropane	<0.42		2.0	0.42	ug/L			06/29/19 14:54	2
1,3-Dichloropropene, Total	<2.6		4.0	2.6	ug/L			06/29/19 14:54	2
1,4-Dichlorobenzene	<0.32		2.0	0.32	ug/L			06/29/19 14:54	2
2,2-Dichloropropane	<0.62		2.0	0.62	ug/L			06/29/19 14:54	2
2-Chlorotoluene	<0.30		2.0	0.30	ug/L			06/29/19 14:54	2
2-Hexanone	<1.1		20	1.1	ug/L			06/29/19 14:54	2
4-Chlorotoluene	<0.18		2.0	0.18	ug/L			06/29/19 14:54	2
Acetone	<11		20	11	ug/L			06/29/19 14:54	2
Benzene	<0.26		2.0	0.26	ug/L			06/29/19 14:54	2
Bromobenzene	<0.24		2.0	0.24	ug/L			06/29/19 14:54	2
Bromochloromethane	<0.28		2.0	0.28	ug/L			06/29/19 14:54	2
Bromodichloromethane	<0.34		2.0	0.34	ug/L			06/29/19 14:54	2
Bromoform	<1.5		2.0	1.5	ug/L			06/29/19 14:54	2
Bromomethane	<0.84		2.0	0.84	ug/L			06/29/19 14:54	2
Carbon disulfide	<0.56		2.0	0.56	ug/L			06/29/19 14:54	2
Carbon tetrachloride	<0.52		2.0	0.52	ug/L			06/29/19 14:54	2
Chlorobenzene	<0.28		2.0	0.28	ug/L			06/29/19 14:54	2
Chloroethane	<1.7		2.0	1.7	ug/L			06/29/19 14:54	2
Chloroform	<0.26		2.0	0.26	ug/L			06/29/19 14:54	2
Chloromethane	<0.40		2.0	0.40	ug/L			06/29/19 14:54	2
cis-1,2-Dichloroethene	**96**		2.0	0.32	ug/L			06/29/19 14:54	2
cis-1,3-Dichloropropene	<1.2		2.0	1.2	ug/L			06/29/19 14:54	2
Dibromochloromethane	<0.78		2.0	0.78	ug/L			06/29/19 14:54	2
Dibromomethane	<0.18		2.0	0.18	ug/L			06/29/19 14:54	2
Dichlorodifluoromethane	<0.70		2.0	0.70	ug/L			06/29/19 14:54	2
Ethylbenzene	<0.22		2.0	0.22	ug/L			06/29/19 14:54	2
Hexachlorobutadiene	<1.7		2.0	1.7	ug/L			06/29/19 14:54	2
Isopropylbenzene	<0.18		2.0	0.18	ug/L			06/29/19 14:54	2
m&p-Xylene	<0.16		4.0	0.16	ug/L			06/29/19 14:54	2
Methyl Ethyl Ketone	<2.3		20	2.3	ug/L			06/29/19 14:54	2
methyl isobutyl ketone	<0.84		20	0.84	ug/L			06/29/19 14:54	2

Client Sample Results

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

Job ID: 500-165378-1

Client Sample ID: P&T Well No. 1

Lab Sample ID: 500-165378-4

Date Collected: 06/19/19 10:45
Date Received: 06/20/19 09:35

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	<0.14		2.0	0.14	ug/L			06/29/19 14:54	2
Methylene Chloride	<5.2		10	5.2	ug/L			06/29/19 14:54	2
Naphthalene	<0.64		2.0	0.64	ug/L			06/29/19 14:54	2
n-Butylbenzene	<0.28		2.0	0.28	ug/L			06/29/19 14:54	2
N-Propylbenzene	<0.30		2.0	0.30	ug/L			06/29/19 14:54	2
o-Xylene	<0.18		2.0	0.18	ug/L			06/29/19 14:54	2
p-Isopropyltoluene	<0.26		2.0	0.26	ug/L			06/29/19 14:54	2
sec-Butylbenzene	<0.26		2.0	0.26	ug/L			06/29/19 14:54	2
Styrene	<0.20		2.0	0.20	ug/L			06/29/19 14:54	2
tert-Butylbenzene	<0.28		2.0	0.28	ug/L			06/29/19 14:54	2
Tetrachloroethene	**0.68**	**J**	2.0	0.30	ug/L			06/29/19 14:54	2
Toluene	<0.28		2.0	0.28	ug/L			06/29/19 14:54	2
trans-1,2-Dichloroethene	**1.5**	**J**	2.0	0.38	ug/L			06/29/19 14:54	2
trans-1,3-Dichloropropene	<1.3		2.0	1.3	ug/L			06/29/19 14:54	2
Trichloroethene	**6.3**		2.0	0.20	ug/L			06/29/19 14:54	2
Trichlorofluoromethane	<0.90		2.0	0.90	ug/L			06/29/19 14:54	2
Vinyl chloride	<0.40		2.0	0.40	ug/L			06/29/19 14:54	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*70 - 121*		*06/29/19 14:54*	*2*
4-Bromofluorobenzene (Surr)	*101*		*59 - 120*		*06/29/19 14:54*	*2*
Toluene-d8 (Surr)	*97*		*70 - 123*		*06/29/19 14:54*	*2*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	**7.3**	**HF**	0.2	0.2	SU			07/05/19 13:41	1

Client Sample Results

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

Job ID: 500-165378-1

Client Sample ID: P&T Well No. 2

Lab Sample ID: 500-165378-5

Date Collected: 06/19/19 11:15
Date Received: 06/20/19 09:35

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			06/29/19 01:21	1
1,1,1-Trichloroethane	**25**		1.0	0.24	ug/L			06/29/19 01:21	1
1,1,2,2-Tetrachloroethane	<0.13		1.0	0.13	ug/L			06/29/19 01:21	1
1,1,2-Trichloroethane	<0.090		1.0	0.090	ug/L			06/29/19 01:21	1
1,1-Dichloroethane	**2.6**		1.0	0.17	ug/L			06/29/19 01:21	1
1,1-Dichloroethene	**1.5**		1.0	0.19	ug/L			06/29/19 01:21	1
1,1-Dichloropropene	<0.14		1.0	0.14	ug/L			06/29/19 01:21	1
1,2,3-Trichlorobenzene	<0.54		1.0	0.54	ug/L			06/29/19 01:21	1
1,2,3-Trichloropropane	<0.24		1.0	0.24	ug/L			06/29/19 01:21	1
1,2,4-Trichlorobenzene	<0.26		1.0	0.26	ug/L			06/29/19 01:21	1
1,2,4-Trimethylbenzene	<0.070		1.0	0.070	ug/L			06/29/19 01:21	1
1,2-Dibromo-3-Chloropropane	<0.91		2.0	0.91	ug/L			06/29/19 01:21	1
1,2-Dibromoethane	<0.12		1.0	0.12	ug/L			06/29/19 01:21	1
1,2-Dichlorobenzene	<0.15		1.0	0.15	ug/L			06/29/19 01:21	1
1,2-Dichloroethane	**0.33**	**J**	1.0	0.21	ug/L			06/29/19 01:21	1
1,2-Dichloropropane	<0.15		1.0	0.15	ug/L			06/29/19 01:21	1
1,3,5-Trimethylbenzene	<0.12		1.0	0.12	ug/L			06/29/19 01:21	1
1,3-Dichlorobenzene	<0.15		1.0	0.15	ug/L			06/29/19 01:21	1
1,3-Dichloropropane	<0.21		1.0	0.21	ug/L			06/29/19 01:21	1
1,3-Dichloropropene, Total	<1.3		2.0	1.3	ug/L			06/29/19 01:21	1
1,4-Dichlorobenzene	<0.16		1.0	0.16	ug/L			06/29/19 01:21	1
2,2-Dichloropropane	<0.31		1.0	0.31	ug/L			06/29/19 01:21	1
2-Chlorotoluene	<0.15		1.0	0.15	ug/L			06/29/19 01:21	1
2-Hexanone	<0.54		10	0.54	ug/L			06/29/19 01:21	1
4-Chlorotoluene	<0.090		1.0	0.090	ug/L			06/29/19 01:21	1
Acetone	<5.4		10	5.4	ug/L			06/29/19 01:21	1
Benzene	<0.13		1.0	0.13	ug/L			06/29/19 01:21	1
Bromobenzene	<0.12		1.0	0.12	ug/L			06/29/19 01:21	1
Bromochloromethane	<0.14		1.0	0.14	ug/L			06/29/19 01:21	1
Bromodichloromethane	<0.17		1.0	0.17	ug/L			06/29/19 01:21	1
Bromoform	<0.76		1.0	0.76	ug/L			06/29/19 01:21	1
Bromomethane	<0.42		1.0	0.42	ug/L			06/29/19 01:21	1
Carbon disulfide	<0.28		1.0	0.28	ug/L			06/29/19 01:21	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/L			06/29/19 01:21	1
Chlorobenzene	<0.14		1.0	0.14	ug/L			06/29/19 01:21	1
Chloroethane	<0.83		1.0	0.83	ug/L			06/29/19 01:21	1
Chloroform	<0.13		1.0	0.13	ug/L			06/29/19 01:21	1
Chloromethane	<0.20		1.0	0.20	ug/L			06/29/19 01:21	1
cis-1,2-Dichloroethene	**6.0**		1.0	0.16	ug/L			06/29/19 01:21	1
cis-1,3-Dichloropropene	<0.61		1.0	0.61	ug/L			06/29/19 01:21	1
Dibromochloromethane	<0.39		1.0	0.39	ug/L			06/29/19 01:21	1
Dibromomethane	<0.090		1.0	0.090	ug/L			06/29/19 01:21	1
Dichlorodifluoromethane	<0.35		1.0	0.35	ug/L			06/29/19 01:21	1
Ethylbenzene	<0.11		1.0	0.11	ug/L			06/29/19 01:21	1
Hexachlorobutadiene	<0.83		1.0	0.83	ug/L			06/29/19 01:21	1
Isopropylbenzene	<0.090		1.0	0.090	ug/L			06/29/19 01:21	1
m&p-Xylene	<0.080		2.0	0.080	ug/L			06/29/19 01:21	1
Methyl Ethyl Ketone	<1.2		10	1.2	ug/L			06/29/19 01:21	1
methyl isobutyl ketone	<0.42		10	0.42	ug/L			06/29/19 01:21	1

Client Sample Results

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

Job ID: 500-165378-1

Client Sample ID: P&T Well No. 2

Lab Sample ID: 500-165378-5

Date Collected: 06/19/19 11:15
Date Received: 06/20/19 09:35

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	<0.070		1.0	0.070	ug/L			06/29/19 01:21	1
Methylene Chloride	<2.6		5.0	2.6	ug/L			06/29/19 01:21	1
Naphthalene	<0.32		1.0	0.32	ug/L			06/29/19 01:21	1
n-Butylbenzene	<0.14		1.0	0.14	ug/L			06/29/19 01:21	1
N-Propylbenzene	<0.15		1.0	0.15	ug/L			06/29/19 01:21	1
o-Xylene	<0.090		1.0	0.090	ug/L			06/29/19 01:21	1
p-Isopropyltoluene	<0.13		1.0	0.13	ug/L			06/29/19 01:21	1
sec-Butylbenzene	<0.13		1.0	0.13	ug/L			06/29/19 01:21	1
Styrene	<0.10		1.0	0.10	ug/L			06/29/19 01:21	1
tert-Butylbenzene	<0.14		1.0	0.14	ug/L			06/29/19 01:21	1
Tetrachloroethene	**27**		1.0	0.15	ug/L			06/29/19 01:21	1
Toluene	<0.14		1.0	0.14	ug/L			06/29/19 01:21	1
trans-1,2-Dichloroethene	<0.19		1.0	0.19	ug/L			06/29/19 01:21	1
trans-1,3-Dichloropropene	<0.67		1.0	0.67	ug/L			06/29/19 01:21	1
Trichloroethene	**11**		1.0	0.10	ug/L			06/29/19 01:21	1
Trichlorofluoromethane	<0.45		1.0	0.45	ug/L			06/29/19 01:21	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/29/19 01:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*70 - 121*		*06/29/19 01:21*	*1*
4-Bromofluorobenzene (Surr)	*96*		*59 - 120*		*06/29/19 01:21*	*1*
Toluene-d8 (Surr)	*93*		*70 - 123*		*06/29/19 01:21*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	**7.1**	**HF**	0.2	0.2	SU			07/05/19 13:45	1

Client Sample Results

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

Job ID: 500-165378-1

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

Lab Sample ID: 500-165378-6

Date Collected: 06/19/19 10:25
Date Received: 06/20/19 09:35

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			06/29/19 01:44	1
1,1,1-Trichloroethane	<0.24		1.0	0.24	ug/L			06/29/19 01:44	1
1,1,2,2-Tetrachloroethane	<0.13		1.0	0.13	ug/L			06/29/19 01:44	1
1,1,2-Trichloroethane	<0.090		1.0	0.090	ug/L			06/29/19 01:44	1
1,1-Dichloroethane	<0.17		1.0	0.17	ug/L			06/29/19 01:44	1
1,1-Dichloroethene	<0.19		1.0	0.19	ug/L			06/29/19 01:44	1
1,1-Dichloropropene	<0.14		1.0	0.14	ug/L			06/29/19 01:44	1
1,2,3-Trichlorobenzene	<0.54		1.0	0.54	ug/L			06/29/19 01:44	1
1,2,3-Trichloropropane	<0.24		1.0	0.24	ug/L			06/29/19 01:44	1
1,2,4-Trichlorobenzene	<0.26		1.0	0.26	ug/L			06/29/19 01:44	1
1,2,4-Trimethylbenzene	<0.070		1.0	0.070	ug/L			06/29/19 01:44	1
1,2-Dibromo-3-Chloropropane	<0.91		2.0	0.91	ug/L			06/29/19 01:44	1
1,2-Dibromoethane	<0.12		1.0	0.12	ug/L			06/29/19 01:44	1
1,2-Dichlorobenzene	<0.15		1.0	0.15	ug/L			06/29/19 01:44	1
1,2-Dichloroethane	<0.21		1.0	0.21	ug/L			06/29/19 01:44	1
1,2-Dichloropropane	<0.15		1.0	0.15	ug/L			06/29/19 01:44	1
1,3,5-Trimethylbenzene	<0.12		1.0	0.12	ug/L			06/29/19 01:44	1
1,3-Dichlorobenzene	<0.15		1.0	0.15	ug/L			06/29/19 01:44	1
1,3-Dichloropropane	<0.21		1.0	0.21	ug/L			06/29/19 01:44	1
1,3-Dichloropropene, Total	<1.3		2.0	1.3	ug/L			06/29/19 01:44	1
1,4-Dichlorobenzene	<0.16		1.0	0.16	ug/L			06/29/19 01:44	1
2,2-Dichloropropane	<0.31		1.0	0.31	ug/L			06/29/19 01:44	1
2-Chlorotoluene	<0.15		1.0	0.15	ug/L			06/29/19 01:44	1
2-Hexanone	<0.54		10	0.54	ug/L			06/29/19 01:44	1
4-Chlorotoluene	<0.090		1.0	0.090	ug/L			06/29/19 01:44	1
Acetone	<5.4		10	5.4	ug/L			06/29/19 01:44	1
Benzene	<0.13		1.0	0.13	ug/L			06/29/19 01:44	1
Bromobenzene	<0.12		1.0	0.12	ug/L			06/29/19 01:44	1
Bromochloromethane	<0.14		1.0	0.14	ug/L			06/29/19 01:44	1
Bromodichloromethane	<0.17		1.0	0.17	ug/L			06/29/19 01:44	1
Bromoform	<0.76		1.0	0.76	ug/L			06/29/19 01:44	1
Bromomethane	<0.42		1.0	0.42	ug/L			06/29/19 01:44	1
Carbon disulfide	<0.28		1.0	0.28	ug/L			06/29/19 01:44	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/L			06/29/19 01:44	1
Chlorobenzene	<0.14		1.0	0.14	ug/L			06/29/19 01:44	1
Chloroethane	<0.83		1.0	0.83	ug/L			06/29/19 01:44	1
Chloroform	<0.13		1.0	0.13	ug/L			06/29/19 01:44	1
Chloromethane	<0.20		1.0	0.20	ug/L			06/29/19 01:44	1
cis-1,2-Dichloroethene	<0.16		1.0	0.16	ug/L			06/29/19 01:44	1
cis-1,3-Dichloropropene	<0.61		1.0	0.61	ug/L			06/29/19 01:44	1
Dibromochloromethane	<0.39		1.0	0.39	ug/L			06/29/19 01:44	1
Dibromomethane	<0.090		1.0	0.090	ug/L			06/29/19 01:44	1
Dichlorodifluoromethane	<0.35		1.0	0.35	ug/L			06/29/19 01:44	1
Ethylbenzene	<0.11		1.0	0.11	ug/L			06/29/19 01:44	1
Hexachlorobutadiene	<0.83		1.0	0.83	ug/L			06/29/19 01:44	1
Isopropylbenzene	<0.090		1.0	0.090	ug/L			06/29/19 01:44	1
m&p-Xylene	<0.080		2.0	0.080	ug/L			06/29/19 01:44	1
Methyl Ethyl Ketone	<1.2		10	1.2	ug/L			06/29/19 01:44	1
methyl isobutyl ketone	<0.42		10	0.42	ug/L			06/29/19 01:44	1

Client Sample Results

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

Job ID: 500-165378-1

Client Sample ID: Ex. 6 Personal Privacy (PP)
Date Collected: 06/19/19 10:25
Date Received: 06/20/19 09:35

Lab Sample ID: 500-165378-6
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	<0.070		1.0	0.070	ug/L			06/29/19 01:44	1
Methylene Chloride	<2.6		5.0	2.6	ug/L			06/29/19 01:44	1
Naphthalene	<0.32		1.0	0.32	ug/L			06/29/19 01:44	1
n-Butylbenzene	<0.14		1.0	0.14	ug/L			06/29/19 01:44	1
N-Propylbenzene	<0.15		1.0	0.15	ug/L			06/29/19 01:44	1
o-Xylene	<0.090		1.0	0.090	ug/L			06/29/19 01:44	1
p-Isopropyltoluene	<0.13		1.0	0.13	ug/L			06/29/19 01:44	1
sec-Butylbenzene	<0.13		1.0	0.13	ug/L			06/29/19 01:44	1
Styrene	<0.10		1.0	0.10	ug/L			06/29/19 01:44	1
tert-Butylbenzene	<0.14		1.0	0.14	ug/L			06/29/19 01:44	1
Tetrachloroethene	<0.15		1.0	0.15	ug/L			06/29/19 01:44	1
Toluene	<0.14		1.0	0.14	ug/L			06/29/19 01:44	1
trans-1,2-Dichloroethene	<0.19		1.0	0.19	ug/L			06/29/19 01:44	1
trans-1,3-Dichloropropene	<0.67		1.0	0.67	ug/L			06/29/19 01:44	1
Trichloroethene	<0.10		1.0	0.10	ug/L			06/29/19 01:44	1
Trichlorofluoromethane	<0.45		1.0	0.45	ug/L			06/29/19 01:44	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/29/19 01:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*70 - 121*		*06/29/19 01:44*	*1*
4-Bromofluorobenzene (Surr)	*93*		*59 - 120*		*06/29/19 01:44*	*1*
Toluene-d8 (Surr)	*91*		*70 - 123*		*06/29/19 01:44*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	**7.5**	**HF**	0.2	0.2	SU			07/05/19 13:51	1

Client Sample Results

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

Job ID: 500-165378-1

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

Lab Sample ID: 500-165378-7

Date Collected: 06/19/19 10:30

Matrix: Water

Date Received: 06/20/19 09:35

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			06/29/19 02:06	1
1,1,1-Trichloroethane	<0.24		1.0	0.24	ug/L			06/29/19 02:06	1
1,1,2,2-Tetrachloroethane	<0.13		1.0	0.13	ug/L			06/29/19 02:06	1
1,1,2-Trichloroethane	<0.090		1.0	0.090	ug/L			06/29/19 02:06	1
1,1-Dichloroethane	<0.17		1.0	0.17	ug/L			06/29/19 02:06	1
1,1-Dichloroethene	<0.19		1.0	0.19	ug/L			06/29/19 02:06	1
1,1-Dichloropropene	<0.14		1.0	0.14	ug/L			06/29/19 02:06	1
1,2,3-Trichlorobenzene	<0.54		1.0	0.54	ug/L			06/29/19 02:06	1
1,2,3-Trichloropropane	<0.24		1.0	0.24	ug/L			06/29/19 02:06	1
1,2,4-Trichlorobenzene	<0.26		1.0	0.26	ug/L			06/29/19 02:06	1
1,2,4-Trimethylbenzene	<0.070		1.0	0.070	ug/L			06/29/19 02:06	1
1,2-Dibromo-3-Chloropropane	<0.91		2.0	0.91	ug/L			06/29/19 02:06	1
1,2-Dibromoethane	<0.12		1.0	0.12	ug/L			06/29/19 02:06	1
1,2-Dichlorobenzene	<0.15		1.0	0.15	ug/L			06/29/19 02:06	1
1,2-Dichloroethane	<0.21		1.0	0.21	ug/L			06/29/19 02:06	1
1,2-Dichloropropane	<0.15		1.0	0.15	ug/L			06/29/19 02:06	1
1,3,5-Trimethylbenzene	<0.12		1.0	0.12	ug/L			06/29/19 02:06	1
1,3-Dichlorobenzene	<0.15		1.0	0.15	ug/L			06/29/19 02:06	1
1,3-Dichloropropane	<0.21		1.0	0.21	ug/L			06/29/19 02:06	1
1,3-Dichloropropene, Total	<1.3		2.0	1.3	ug/L			06/29/19 02:06	1
1,4-Dichlorobenzene	<0.16		1.0	0.16	ug/L			06/29/19 02:06	1
2,2-Dichloropropane	<0.31		1.0	0.31	ug/L			06/29/19 02:06	1
2-Chlorotoluene	<0.15		1.0	0.15	ug/L			06/29/19 02:06	1
2-Hexanone	<0.54		10	0.54	ug/L			06/29/19 02:06	1
4-Chlorotoluene	<0.090		1.0	0.090	ug/L			06/29/19 02:06	1
Acetone	<5.4		10	5.4	ug/L			06/29/19 02:06	1
Benzene	<0.13		1.0	0.13	ug/L			06/29/19 02:06	1
Bromobenzene	<0.12		1.0	0.12	ug/L			06/29/19 02:06	1
Bromochloromethane	<0.14		1.0	0.14	ug/L			06/29/19 02:06	1
Bromodichloromethane	<0.17		1.0	0.17	ug/L			06/29/19 02:06	1
Bromoform	<0.76		1.0	0.76	ug/L			06/29/19 02:06	1
Bromomethane	<0.42		1.0	0.42	ug/L			06/29/19 02:06	1
Carbon disulfide	<0.28		1.0	0.28	ug/L			06/29/19 02:06	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/L			06/29/19 02:06	1
Chlorobenzene	<0.14		1.0	0.14	ug/L			06/29/19 02:06	1
Chloroethane	<0.83		1.0	0.83	ug/L			06/29/19 02:06	1
Chloroform	<0.13		1.0	0.13	ug/L			06/29/19 02:06	1
Chloromethane	<0.20		1.0	0.20	ug/L			06/29/19 02:06	1
cis-1,2-Dichloroethene	<0.16		1.0	0.16	ug/L			06/29/19 02:06	1
cis-1,3-Dichloropropene	<0.61		1.0	0.61	ug/L			06/29/19 02:06	1
Dibromochloromethane	<0.39		1.0	0.39	ug/L			06/29/19 02:06	1
Dibromomethane	<0.090		1.0	0.090	ug/L			06/29/19 02:06	1
Dichlorodifluoromethane	<0.35		1.0	0.35	ug/L			06/29/19 02:06	1
Ethylbenzene	<0.11		1.0	0.11	ug/L			06/29/19 02:06	1
Hexachlorobutadiene	<0.83		1.0	0.83	ug/L			06/29/19 02:06	1
Isopropylbenzene	<0.090		1.0	0.090	ug/L			06/29/19 02:06	1
m&p-Xylene	<0.080		2.0	0.080	ug/L			06/29/19 02:06	1
Methyl Ethyl Ketone	<1.2		10	1.2	ug/L			06/29/19 02:06	1
methyl isobutyl ketone	<0.42		10	0.42	ug/L			06/29/19 02:06	1

Client Sample Results

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

Job ID: 500-165378-1

Client Sample ID: Ex. 6 Personal Privacy (PP)
Date Collected: 06/19/19 10:30
Date Received: 06/20/19 09:35

Lab Sample ID: 500-165378-7
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	<0.070		1.0	0.070	ug/L			06/29/19 02:06	1
Methylene Chloride	<2.6		5.0	2.6	ug/L			06/29/19 02:06	1
Naphthalene	<0.32		1.0	0.32	ug/L			06/29/19 02:06	1
n-Butylbenzene	<0.14		1.0	0.14	ug/L			06/29/19 02:06	1
N-Propylbenzene	<0.15		1.0	0.15	ug/L			06/29/19 02:06	1
o-Xylene	<0.090		1.0	0.090	ug/L			06/29/19 02:06	1
p-Isopropyltoluene	<0.13		1.0	0.13	ug/L			06/29/19 02:06	1
sec-Butylbenzene	<0.13		1.0	0.13	ug/L			06/29/19 02:06	1
Styrene	<0.10		1.0	0.10	ug/L			06/29/19 02:06	1
tert-Butylbenzene	<0.14		1.0	0.14	ug/L			06/29/19 02:06	1
Tetrachloroethene	<0.15		1.0	0.15	ug/L			06/29/19 02:06	1
Toluene	<0.14		1.0	0.14	ug/L			06/29/19 02:06	1
trans-1,2-Dichloroethene	<0.19		1.0	0.19	ug/L			06/29/19 02:06	1
trans-1,3-Dichloropropene	<0.67		1.0	0.67	ug/L			06/29/19 02:06	1
Trichloroethene	<0.10		1.0	0.10	ug/L			06/29/19 02:06	1
Trichlorofluoromethane	<0.45		1.0	0.45	ug/L			06/29/19 02:06	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/29/19 02:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*70 - 121*		*06/29/19 02:06*	*1*
4-Bromofluorobenzene (Surr)	*98*		*59 - 120*		*06/29/19 02:06*	*1*
Toluene-d8 (Surr)	*95*		*70 - 123*		*06/29/19 02:06*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	**7.6**	**HF**	0.2	0.2	SU			07/05/19 13:55	1

Client Sample Results

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

Job ID: 500-165378-1

Client Sample ID: Trip Blank

Lab Sample ID: 500-165378-8

Date Collected: 06/19/19 00:00
Date Received: 06/20/19 09:35

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			06/29/19 02:28	1
1,1,1-Trichloroethane	<0.24		1.0	0.24	ug/L			06/29/19 02:28	1
1,1,2,2-Tetrachloroethane	<0.13		1.0	0.13	ug/L			06/29/19 02:28	1
1,1,2-Trichloroethane	<0.090		1.0	0.090	ug/L			06/29/19 02:28	1
1,1-Dichloroethane	<0.17		1.0	0.17	ug/L			06/29/19 02:28	1
1,1-Dichloroethene	<0.19		1.0	0.19	ug/L			06/29/19 02:28	1
1,1-Dichloropropene	<0.14		1.0	0.14	ug/L			06/29/19 02:28	1
1,2,3-Trichlorobenzene	<0.54		1.0	0.54	ug/L			06/29/19 02:28	1
1,2,3-Trichloropropane	<0.24		1.0	0.24	ug/L			06/29/19 02:28	1
1,2,4-Trichlorobenzene	<0.26		1.0	0.26	ug/L			06/29/19 02:28	1
1,2,4-Trimethylbenzene	<0.070		1.0	0.070	ug/L			06/29/19 02:28	1
1,2-Dibromo-3-Chloropropane	<0.91		2.0	0.91	ug/L			06/29/19 02:28	1
1,2-Dibromoethane	<0.12		1.0	0.12	ug/L			06/29/19 02:28	1
1,2-Dichlorobenzene	<0.15		1.0	0.15	ug/L			06/29/19 02:28	1
1,2-Dichloroethane	<0.21		1.0	0.21	ug/L			06/29/19 02:28	1
1,2-Dichloropropane	<0.15		1.0	0.15	ug/L			06/29/19 02:28	1
1,3,5-Trimethylbenzene	<0.12		1.0	0.12	ug/L			06/29/19 02:28	1
1,3-Dichlorobenzene	<0.15		1.0	0.15	ug/L			06/29/19 02:28	1
1,3-Dichloropropane	<0.21		1.0	0.21	ug/L			06/29/19 02:28	1
1,3-Dichloropropene, Total	<1.3		2.0	1.3	ug/L			06/29/19 02:28	1
1,4-Dichlorobenzene	<0.16		1.0	0.16	ug/L			06/29/19 02:28	1
2,2-Dichloropropane	<0.31		1.0	0.31	ug/L			06/29/19 02:28	1
2-Chlorotoluene	<0.15		1.0	0.15	ug/L			06/29/19 02:28	1
2-Hexanone	<0.54		10	0.54	ug/L			06/29/19 02:28	1
4-Chlorotoluene	<0.090		1.0	0.090	ug/L			06/29/19 02:28	1
Acetone	<5.4		10	5.4	ug/L			06/29/19 02:28	1
Benzene	<0.13		1.0	0.13	ug/L			06/29/19 02:28	1
Bromobenzene	<0.12		1.0	0.12	ug/L			06/29/19 02:28	1
Bromochloromethane	<0.14		1.0	0.14	ug/L			06/29/19 02:28	1
Bromodichloromethane	<0.17		1.0	0.17	ug/L			06/29/19 02:28	1
Bromoform	<0.76		1.0	0.76	ug/L			06/29/19 02:28	1
Bromomethane	<0.42		1.0	0.42	ug/L			06/29/19 02:28	1
Carbon disulfide	<0.28		1.0	0.28	ug/L			06/29/19 02:28	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/L			06/29/19 02:28	1
Chlorobenzene	<0.14		1.0	0.14	ug/L			06/29/19 02:28	1
Chloroethane	<0.83		1.0	0.83	ug/L			06/29/19 02:28	1
Chloroform	<0.13		1.0	0.13	ug/L			06/29/19 02:28	1
Chloromethane	<0.20		1.0	0.20	ug/L			06/29/19 02:28	1
cis-1,2-Dichloroethene	<0.16		1.0	0.16	ug/L			06/29/19 02:28	1
cis-1,3-Dichloropropene	<0.61		1.0	0.61	ug/L			06/29/19 02:28	1
Dibromochloromethane	<0.39		1.0	0.39	ug/L			06/29/19 02:28	1
Dibromomethane	<0.090		1.0	0.090	ug/L			06/29/19 02:28	1
Dichlorodifluoromethane	<0.35		1.0	0.35	ug/L			06/29/19 02:28	1
Ethylbenzene	<0.11		1.0	0.11	ug/L			06/29/19 02:28	1
Hexachlorobutadiene	<0.83		1.0	0.83	ug/L			06/29/19 02:28	1
Isopropylbenzene	<0.090		1.0	0.090	ug/L			06/29/19 02:28	1
m&p-Xylene	<0.080		2.0	0.080	ug/L			06/29/19 02:28	1
Methyl Ethyl Ketone	<1.2		10	1.2	ug/L			06/29/19 02:28	1
methyl isobutyl ketone	<0.42		10	0.42	ug/L			06/29/19 02:28	1

Client Sample Results

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

Job ID: 500-165378-1

Client Sample ID: Trip Blank

Lab Sample ID: 500-165378-8

Date Collected: 06/19/19 00:00
Date Received: 06/20/19 09:35

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	<0.070		1.0	0.070	ug/L			06/29/19 02:28	1
Methylene Chloride	<2.6		5.0	2.6	ug/L			06/29/19 02:28	1
Naphthalene	<0.32		1.0	0.32	ug/L			06/29/19 02:28	1
n-Butylbenzene	<0.14		1.0	0.14	ug/L			06/29/19 02:28	1
N-Propylbenzene	<0.15		1.0	0.15	ug/L			06/29/19 02:28	1
o-Xylene	<0.090		1.0	0.090	ug/L			06/29/19 02:28	1
p-Isopropyltoluene	<0.13		1.0	0.13	ug/L			06/29/19 02:28	1
sec-Butylbenzene	<0.13		1.0	0.13	ug/L			06/29/19 02:28	1
Styrene	<0.10		1.0	0.10	ug/L			06/29/19 02:28	1
tert-Butylbenzene	<0.14		1.0	0.14	ug/L			06/29/19 02:28	1
Tetrachloroethene	<0.15		1.0	0.15	ug/L			06/29/19 02:28	1
Toluene	<0.14		1.0	0.14	ug/L			06/29/19 02:28	1
trans-1,2-Dichloroethene	<0.19		1.0	0.19	ug/L			06/29/19 02:28	1
trans-1,3-Dichloropropene	<0.67		1.0	0.67	ug/L			06/29/19 02:28	1
Trichloroethene	<0.10		1.0	0.10	ug/L			06/29/19 02:28	1
Trichlorofluoromethane	<0.45		1.0	0.45	ug/L			06/29/19 02:28	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/29/19 02:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*70 - 121*		*06/29/19 02:28*	*1*
4-Bromofluorobenzene (Surr)	*96*		*59 - 120*		*06/29/19 02:28*	*1*
Toluene-d8 (Surr)	*93*		*70 - 123*		*06/29/19 02:28*	*1*

Definitions/Glossary

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

Job ID: 500-165378-1

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
B	Compound was found in the blank and sample.
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

Job ID: 500-165378-1

GC/MS VOA

Analysis Batch: 388924

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-165378-3	P&T Effluent	Total/NA	Water	8260C	
500-165378-5	P&T Well No. 2	Total/NA	Water	8260C	
500-165378-6	Ex. 6 Personal Privacy (PP)	Total/NA	Water	8260C	
500-165378-7		Total/NA	Water	8260C	
500-165378-8	Trip Blank	Total/NA	Water	8260C	
MB 240-388924/7	Method Blank	Total/NA	Water	8260C	
LCS 240-388924/5	Lab Control Sample	Total/NA	Water	8260C	

Analysis Batch: 388983

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-165378-4	P&T Well No. 1	Total/NA	Water	8260C	
MB 240-388983/7	Method Blank	Total/NA	Water	8260C	
LCS 240-388983/5	Lab Control Sample	Total/NA	Water	8260C	

Metals

Prep Batch: 491302

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-165378-1	North Pond	Total Recoverable	Water	3005A	
500-165378-2	Sourth Pond	Total Recoverable	Water	3005A	
MB 500-491302/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-491302/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Analysis Batch: 491886

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-165378-1	North Pond	Total Recoverable	Water	6020A	491302
500-165378-2	Sourth Pond	Total Recoverable	Water	6020A	491302
MB 500-491302/1-A	Method Blank	Total Recoverable	Water	6020A	491302
LCS 500-491302/2-A	Lab Control Sample	Total Recoverable	Water	6020A	491302

General Chemistry

Analysis Batch: 492553

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-165378-1	North Pond	Total/NA	Water	353.2	
500-165378-2	Sourth Pond	Total/NA	Water	353.2	
MB 500-492553/12	Method Blank	Total/NA	Water	353.2	
LCS 500-492553/13	Lab Control Sample	Total/NA	Water	353.2	
500-165378-2 MS	Sourth Pond	Total/NA	Water	353.2	
500-165378-2 MSD	Sourth Pond	Total/NA	Water	353.2	

Analysis Batch: 493515

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-165378-1	North Pond	Total/NA	Water	SM 4500 H+ B	
500-165378-2	Sourth Pond	Total/NA	Water	SM 4500 H+ B	
500-165378-3	P&T Effluent	Total/NA	Water	SM 4500 H+ B	
500-165378-4	P&T Well No. 1	Total/NA	Water	SM 4500 H+ B	
500-165378-5	P&T Well No. 2	Total/NA	Water	SM 4500 H+ B	
500-165378-6	Ex. 6 Personal Privacy (PP)	Total/NA	Water	SM 4500 H+ B	
500-165378-7		Total/NA	Water	SM 4500 H+ B	
LCS 500-493515/5	Lab Control Sample	Total/NA	Water	SM 4500 H+ B	
LCSD 500-493515/6	Lab Control Sample Dup	Total/NA	Water	SM 4500 H+ B	

QC Association Summary

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

Job ID: 500-165378-1

General Chemistry (Continued)

Analysis Batch: 493515 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-165378-1 DU	North Pond	Total/NA	Water	SM 4500 H+ B	
500-165378-2 DU	Sourth Pond	Total/NA	Water	SM 4500 H+ B	
500-165378-3 DU	P&T Effluent	Total/NA	Water	SM 4500 H+ B	
500-165378-4 DU	P&T Well No. 1	Total/NA	Water	SM 4500 H+ B	
500-165378-5 DU	P&T Well No. 2	Total/NA	Water	SM 4500 H+ B	
500-165378-6 DU	Ex. 6 Personal Privacy (PP)	Total/NA	Water	SM 4500 H+ B	
500-165378-7 DU		Total/NA	Water	SM 4500 H+ B	

Surrogate Summary

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

Job ID: 500-165378-1

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

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)		
		DCA	BFB	TOL
Lab Sample ID	**Client Sample ID**	**(70-121)**	**(59-120)**	**(70-123)**
500-165378-3	P&T Effluent	107	91	90
500-165378-4	P&T Well No. 1	114	101	97
500-165378-5	P&T Well No. 2	110	96	93
500-165378-6	Ex. 6 Personal Privacy (PP)	108	93	91
500-165378-7		114	98	95
500-165378-8	Trip Blank	114	96	93
LCS 240-388924/5	Lab Control Sample	110	98	91
LCS 240-388983/5	Lab Control Sample	113	99	93
MB 240-388924/7	Method Blank	110	95	90
MB 240-388983/7	Method Blank	108	95	92

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

Job ID: 500-165378-1

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

Lab Sample ID: MB 240-388924/7
Matrix: Water
Analysis Batch: 388924

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			06/28/19 18:58	1
1,1,1-Trichloroethane	<0.24		1.0	0.24	ug/L			06/28/19 18:58	1
1,1,2,2-Tetrachloroethane	<0.13		1.0	0.13	ug/L			06/28/19 18:58	1
1,1,2-Trichloroethane	<0.090		1.0	0.090	ug/L			06/28/19 18:58	1
1,1-Dichloroethane	<0.17		1.0	0.17	ug/L			06/28/19 18:58	1
1,1-Dichloroethene	<0.19		1.0	0.19	ug/L			06/28/19 18:58	1
1,1-Dichloropropene	<0.14		1.0	0.14	ug/L			06/28/19 18:58	1
1,2,3-Trichlorobenzene	<0.54		1.0	0.54	ug/L			06/28/19 18:58	1
1,2,3-Trichloropropane	<0.24		1.0	0.24	ug/L			06/28/19 18:58	1
1,2,4-Trichlorobenzene	<0.26		1.0	0.26	ug/L			06/28/19 18:58	1
1,2,4-Trimethylbenzene	<0.070		1.0	0.070	ug/L			06/28/19 18:58	1
1,2-Dibromo-3-Chloropropane	<0.91		2.0	0.91	ug/L			06/28/19 18:58	1
1,2-Dibromoethane	<0.12		1.0	0.12	ug/L			06/28/19 18:58	1
1,2-Dichlorobenzene	<0.15		1.0	0.15	ug/L			06/28/19 18:58	1
1,2-Dichloroethane	<0.21		1.0	0.21	ug/L			06/28/19 18:58	1
1,2-Dichloropropane	<0.15		1.0	0.15	ug/L			06/28/19 18:58	1
1,3,5-Trimethylbenzene	<0.12		1.0	0.12	ug/L			06/28/19 18:58	1
1,3-Dichlorobenzene	<0.15		1.0	0.15	ug/L			06/28/19 18:58	1
1,3-Dichloropropane	<0.21		1.0	0.21	ug/L			06/28/19 18:58	1
1,3-Dichloropropene, Total	<1.3		2.0	1.3	ug/L			06/28/19 18:58	1
1,4-Dichlorobenzene	<0.16		1.0	0.16	ug/L			06/28/19 18:58	1
2,2-Dichloropropane	<0.31		1.0	0.31	ug/L			06/28/19 18:58	1
2-Chlorotoluene	<0.15		1.0	0.15	ug/L			06/28/19 18:58	1
2-Hexanone	<0.54		10	0.54	ug/L			06/28/19 18:58	1
4-Chlorotoluene	<0.090		1.0	0.090	ug/L			06/28/19 18:58	1
Acetone	<5.4		10	5.4	ug/L			06/28/19 18:58	1
Benzene	<0.13		1.0	0.13	ug/L			06/28/19 18:58	1
Bromobenzene	<0.12		1.0	0.12	ug/L			06/28/19 18:58	1
Bromochloromethane	<0.14		1.0	0.14	ug/L			06/28/19 18:58	1
Bromodichloromethane	<0.17		1.0	0.17	ug/L			06/28/19 18:58	1
Bromoform	<0.76		1.0	0.76	ug/L			06/28/19 18:58	1
Bromomethane	<0.42		1.0	0.42	ug/L			06/28/19 18:58	1
Carbon disulfide	<0.28		1.0	0.28	ug/L			06/28/19 18:58	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/L			06/28/19 18:58	1
Chlorobenzene	<0.14		1.0	0.14	ug/L			06/28/19 18:58	1
Chloroethane	<0.83		1.0	0.83	ug/L			06/28/19 18:58	1
Chloroform	<0.13		1.0	0.13	ug/L			06/28/19 18:58	1
Chloromethane	<0.20		1.0	0.20	ug/L			06/28/19 18:58	1
cis-1,2-Dichloroethene	<0.16		1.0	0.16	ug/L			06/28/19 18:58	1
cis-1,3-Dichloropropene	<0.61		1.0	0.61	ug/L			06/28/19 18:58	1
Dibromochloromethane	<0.39		1.0	0.39	ug/L			06/28/19 18:58	1
Dibromomethane	<0.090		1.0	0.090	ug/L			06/28/19 18:58	1
Dichlorodifluoromethane	<0.35		1.0	0.35	ug/L			06/28/19 18:58	1
Ethylbenzene	<0.11		1.0	0.11	ug/L			06/28/19 18:58	1
Hexachlorobutadiene	<0.83		1.0	0.83	ug/L			06/28/19 18:58	1
Isopropylbenzene	<0.090		1.0	0.090	ug/L			06/28/19 18:58	1
m&p-Xylene	<0.080		2.0	0.080	ug/L			06/28/19 18:58	1
Methyl Ethyl Ketone	<1.2		10	1.2	ug/L			06/28/19 18:58	1

QC Sample Results

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

Job ID: 500-165378-1

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

Lab Sample ID: MB 240-388924/7
Matrix: Water
Analysis Batch: 388924

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	<0.42		10	0.42	ug/L			06/28/19 18:58	1
Methyl tert-butyl ether	<0.070		1.0	0.070	ug/L			06/28/19 18:58	1
Methylene Chloride	<2.6		5.0	2.6	ug/L			06/28/19 18:58	1
Naphthalene	<0.32		1.0	0.32	ug/L			06/28/19 18:58	1
n-Butylbenzene	<0.14		1.0	0.14	ug/L			06/28/19 18:58	1
N-Propylbenzene	<0.15		1.0	0.15	ug/L			06/28/19 18:58	1
o-Xylene	<0.090		1.0	0.090	ug/L			06/28/19 18:58	1
p-Isopropyltoluene	<0.13		1.0	0.13	ug/L			06/28/19 18:58	1
sec-Butylbenzene	<0.13		1.0	0.13	ug/L			06/28/19 18:58	1
Styrene	<0.10		1.0	0.10	ug/L			06/28/19 18:58	1
tert-Butylbenzene	<0.14		1.0	0.14	ug/L			06/28/19 18:58	1
Tetrachloroethene	<0.15		1.0	0.15	ug/L			06/28/19 18:58	1
Toluene	<0.14		1.0	0.14	ug/L			06/28/19 18:58	1
trans-1,2-Dichloroethene	<0.19		1.0	0.19	ug/L			06/28/19 18:58	1
trans-1,3-Dichloropropene	<0.67		1.0	0.67	ug/L			06/28/19 18:58	1
Trichloroethene	<0.10		1.0	0.10	ug/L			06/28/19 18:58	1
Trichlorofluoromethane	<0.45		1.0	0.45	ug/L			06/28/19 18:58	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/28/19 18:58	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*70 - 121*		*06/28/19 18:58*	*1*
4-Bromofluorobenzene (Surr)	*95*		*59 - 120*		*06/28/19 18:58*	*1*
Toluene-d8 (Surr)	*90*		*70 - 123*		*06/28/19 18:58*	*1*

Lab Sample ID: LCS 240-388924/5
Matrix: Water
Analysis Batch: 388924

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	19.5		ug/L		97	80 - 124
1,1,1-Trichloroethane	20.0	22.7		ug/L		113	69 - 134
1,1,2,2-Tetrachloroethane	20.0	20.1		ug/L		100	65 - 139
1,1,2-Trichloroethane	20.0	19.8		ug/L		99	78 - 133
1,1-Dichloroethane	20.0	21.1		ug/L		106	75 - 133
1,1-Dichloroethene	20.0	23.0		ug/L		115	65 - 139
1,1-Dichloropropene	20.0	21.1		ug/L		105	78 - 126
1,2,3-Trichlorobenzene	20.0	16.0		ug/L		80	39 - 138
1,2,3-Trichloropropane	20.0	19.2		ug/L		96	66 - 139
1,2,4-Trichlorobenzene	20.0	15.9		ug/L		80	42 - 133
1,2,4-Trimethylbenzene	20.0	19.4		ug/L		97	74 - 120
1,2-Dibromo-3-Chloropropane	20.0	18.1		ug/L		90	46 - 132
1,2-Dibromoethane	20.0	20.1		ug/L		100	77 - 123
1,2-Dichlorobenzene	20.0	18.6		ug/L		93	78 - 120
1,2-Dichloroethane	20.0	23.1		ug/L		116	71 - 135
1,2-Dichloropropane	20.0	21.9		ug/L		109	78 - 133
1,3,5-Trimethylbenzene	20.0	19.6		ug/L		98	75 - 121
1,3-Dichlorobenzene	20.0	18.6		ug/L		93	78 - 120
1,3-Dichloropropane	20.0	19.9		ug/L		100	72 - 134

QC Sample Results

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

Job ID: 500-165378-1

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

Lab Sample ID: LCS 240-388924/5
Matrix: Water
Analysis Batch: 388924

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	20.0	18.7		ug/L		93	78 - 120
2,2-Dichloropropane	20.0	22.0		ug/L		110	42 - 150
2-Chlorotoluene	20.0	19.1		ug/L		95	78 - 123
2-Hexanone	40.0	40.8		ug/L		102	43 - 148
4-Chlorotoluene	20.0	19.2		ug/L		96	77 - 125
Acetone	40.0	40.7		ug/L		102	21 - 162
Benzene	20.0	20.9		ug/L		104	80 - 123
Bromobenzene	20.0	18.6		ug/L		93	74 - 129
Bromochloromethane	20.0	20.9		ug/L		105	74 - 130
Bromodichloromethane	20.0	22.1		ug/L		110	77 - 125
Bromoform	20.0	20.5		ug/L		103	49 - 141
Bromomethane	20.0	19.7		ug/L		99	41 - 175
Carbon disulfide	20.0	19.0		ug/L		95	60 - 138
Carbon tetrachloride	20.0	22.2		ug/L		111	63 - 140
Chlorobenzene	20.0	19.6		ug/L		98	80 - 121
Chloroethane	20.0	19.1		ug/L		95	33 - 173
Chloroform	20.0	21.8		ug/L		109	79 - 127
Chloromethane	20.0	14.7		ug/L		73	54 - 143
cis-1,2-Dichloroethene	20.0	20.3		ug/L		101	76 - 128
cis-1,3-Dichloropropene	20.0	21.8		ug/L		109	64 - 132
Dibromochloromethane	20.0	20.2		ug/L		101	70 - 132
Dibromomethane	20.0	19.6		ug/L		98	74 - 124
Dichlorodifluoromethane	20.0	12.8		ug/L		64	29 - 148
Ethylbenzene	20.0	20.2		ug/L		101	80 - 120
Hexachlorobutadiene	20.0	14.0		ug/L		70	38 - 136
Isopropylbenzene	20.0	20.3		ug/L		102	74 - 120
m&p-Xylene	20.0	20.2		ug/L		101	80 - 120
Methyl Ethyl Ketone	40.0	41.4		ug/L		103	39 - 163
methyl isobutyl ketone	40.0	42.8		ug/L		107	49 - 143
Methyl tert-butyl ether	20.0	21.3		ug/L		107	51 - 133
Methylene Chloride	20.0	19.2		ug/L		96	70 - 134
Naphthalene	20.0	18.2		ug/L		91	28 - 141
n-Butylbenzene	20.0	18.5		ug/L		92	57 - 126
N-Propylbenzene	20.0	19.0		ug/L		95	77 - 123
o-Xylene	20.0	19.8		ug/L		99	80 - 120
p-Isopropyltoluene	20.0	18.9		ug/L		94	69 - 122
sec-Butylbenzene	20.0	19.0		ug/L		95	68 - 123
Styrene	20.0	20.4		ug/L		102	79 - 120
tert-Butylbenzene	20.0	18.9		ug/L		94	70 - 121
Tetrachloroethene	20.0	19.4		ug/L		97	74 - 130
Toluene	20.0	20.0		ug/L		100	78 - 129
trans-1,2-Dichloroethene	20.0	21.6		ug/L		108	78 - 133
trans-1,3-Dichloropropene	20.0	19.6		ug/L		98	55 - 128
Trichloroethene	20.0	20.3		ug/L		101	76 - 125
Trichlorofluoromethane	20.0	21.0		ug/L		105	51 - 164
Vinyl chloride	20.0	16.6		ug/L		83	58 - 143

QC Sample Results

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

Job ID: 500-165378-1

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

Lab Sample ID: LCS 240-388924/5
Matrix: Water
Analysis Batch: 388924

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

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*110*		*70 - 121*
4-Bromofluorobenzene (Surr)	*98*		*59 - 120*
Toluene-d8 (Surr)	*91*		*70 - 123*

Lab Sample ID: MB 240-388983/7
Matrix: Water
Analysis Batch: 388983

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			06/29/19 14:09	1
1,1,1-Trichloroethane	<0.24		1.0	0.24	ug/L			06/29/19 14:09	1
1,1,2,2-Tetrachloroethane	<0.13		1.0	0.13	ug/L			06/29/19 14:09	1
1,1,2-Trichloroethane	<0.090		1.0	0.090	ug/L			06/29/19 14:09	1
1,1-Dichloroethane	<0.17		1.0	0.17	ug/L			06/29/19 14:09	1
1,1-Dichloroethene	<0.19		1.0	0.19	ug/L			06/29/19 14:09	1
1,1-Dichloropropene	<0.14		1.0	0.14	ug/L			06/29/19 14:09	1
1,2,3-Trichlorobenzene	<0.54		1.0	0.54	ug/L			06/29/19 14:09	1
1,2,3-Trichloropropane	<0.24		1.0	0.24	ug/L			06/29/19 14:09	1
1,2,4-Trichlorobenzene	<0.26		1.0	0.26	ug/L			06/29/19 14:09	1
1,2,4-Trimethylbenzene	<0.070		1.0	0.070	ug/L			06/29/19 14:09	1
1,2-Dibromo-3-Chloropropane	<0.91		2.0	0.91	ug/L			06/29/19 14:09	1
1,2-Dibromoethane	<0.12		1.0	0.12	ug/L			06/29/19 14:09	1
1,2-Dichlorobenzene	<0.15		1.0	0.15	ug/L			06/29/19 14:09	1
1,2-Dichloroethane	<0.21		1.0	0.21	ug/L			06/29/19 14:09	1
1,2-Dichloropropane	<0.15		1.0	0.15	ug/L			06/29/19 14:09	1
1,3,5-Trimethylbenzene	<0.12		1.0	0.12	ug/L			06/29/19 14:09	1
1,3-Dichlorobenzene	<0.15		1.0	0.15	ug/L			06/29/19 14:09	1
1,3-Dichloropropane	<0.21		1.0	0.21	ug/L			06/29/19 14:09	1
1,3-Dichloropropene, Total	<1.3		2.0	1.3	ug/L			06/29/19 14:09	1
1,4-Dichlorobenzene	<0.16		1.0	0.16	ug/L			06/29/19 14:09	1
2,2-Dichloropropane	<0.31		1.0	0.31	ug/L			06/29/19 14:09	1
2-Chlorotoluene	<0.15		1.0	0.15	ug/L			06/29/19 14:09	1
2-Hexanone	<0.54		10	0.54	ug/L			06/29/19 14:09	1
4-Chlorotoluene	<0.090		1.0	0.090	ug/L			06/29/19 14:09	1
Acetone	<5.4		10	5.4	ug/L			06/29/19 14:09	1
Benzene	<0.13		1.0	0.13	ug/L			06/29/19 14:09	1
Bromobenzene	<0.12		1.0	0.12	ug/L			06/29/19 14:09	1
Bromochloromethane	<0.14		1.0	0.14	ug/L			06/29/19 14:09	1
Bromodichloromethane	<0.17		1.0	0.17	ug/L			06/29/19 14:09	1
Bromoform	<0.76		1.0	0.76	ug/L			06/29/19 14:09	1
Bromomethane	<0.42		1.0	0.42	ug/L			06/29/19 14:09	1
Carbon disulfide	<0.28		1.0	0.28	ug/L			06/29/19 14:09	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/L			06/29/19 14:09	1
Chlorobenzene	<0.14		1.0	0.14	ug/L			06/29/19 14:09	1
Chloroethane	<0.83		1.0	0.83	ug/L			06/29/19 14:09	1
Chloroform	<0.13		1.0	0.13	ug/L			06/29/19 14:09	1
Chloromethane	<0.20		1.0	0.20	ug/L			06/29/19 14:09	1
cis-1,2-Dichloroethene	<0.16		1.0	0.16	ug/L			06/29/19 14:09	1

QC Sample Results

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

Job ID: 500-165378-1

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

Lab Sample ID: MB 240-388983/7
Matrix: Water
Analysis Batch: 388983

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	<0.61		1.0	0.61	ug/L			06/29/19 14:09	1
Dibromochloromethane	<0.39		1.0	0.39	ug/L			06/29/19 14:09	1
Dibromomethane	<0.090		1.0	0.090	ug/L			06/29/19 14:09	1
Dichlorodifluoromethane	<0.35		1.0	0.35	ug/L			06/29/19 14:09	1
Ethylbenzene	<0.11		1.0	0.11	ug/L			06/29/19 14:09	1
Hexachlorobutadiene	<0.83		1.0	0.83	ug/L			06/29/19 14:09	1
Isopropylbenzene	<0.090		1.0	0.090	ug/L			06/29/19 14:09	1
m&p-Xylene	<0.080		2.0	0.080	ug/L			06/29/19 14:09	1
Methyl Ethyl Ketone	<1.2		10	1.2	ug/L			06/29/19 14:09	1
methyl isobutyl ketone	<0.42		10	0.42	ug/L			06/29/19 14:09	1
Methyl tert-butyl ether	<0.070		1.0	0.070	ug/L			06/29/19 14:09	1
Methylene Chloride	<2.6		5.0	2.6	ug/L			06/29/19 14:09	1
Naphthalene	<0.32		1.0	0.32	ug/L			06/29/19 14:09	1
n-Butylbenzene	<0.14		1.0	0.14	ug/L			06/29/19 14:09	1
N-Propylbenzene	<0.15		1.0	0.15	ug/L			06/29/19 14:09	1
o-Xylene	<0.090		1.0	0.090	ug/L			06/29/19 14:09	1
p-Isopropyltoluene	<0.13		1.0	0.13	ug/L			06/29/19 14:09	1
sec-Butylbenzene	<0.13		1.0	0.13	ug/L			06/29/19 14:09	1
Styrene	<0.10		1.0	0.10	ug/L			06/29/19 14:09	1
tert-Butylbenzene	<0.14		1.0	0.14	ug/L			06/29/19 14:09	1
Tetrachloroethene	<0.15		1.0	0.15	ug/L			06/29/19 14:09	1
Toluene	<0.14		1.0	0.14	ug/L			06/29/19 14:09	1
trans-1,2-Dichloroethene	<0.19		1.0	0.19	ug/L			06/29/19 14:09	1
trans-1,3-Dichloropropene	<0.67		1.0	0.67	ug/L			06/29/19 14:09	1
Trichloroethene	<0.10		1.0	0.10	ug/L			06/29/19 14:09	1
Trichlorofluoromethane	<0.45		1.0	0.45	ug/L			06/29/19 14:09	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			06/29/19 14:09	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*70 - 121*		*06/29/19 14:09*	*1*
4-Bromofluorobenzene (Surr)	*95*		*59 - 120*		*06/29/19 14:09*	*1*
Toluene-d8 (Surr)	*92*		*70 - 123*		*06/29/19 14:09*	*1*

Lab Sample ID: LCS 240-388983/5
Matrix: Water
Analysis Batch: 388983

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	19.8		ug/L		99	80 - 124
1,1,1-Trichloroethane	20.0	23.2		ug/L		116	69 - 134
1,1,2,2-Tetrachloroethane	20.0	19.5		ug/L		98	65 - 139
1,1,2-Trichloroethane	20.0	19.0		ug/L		95	78 - 133
1,1-Dichloroethane	20.0	21.6		ug/L		108	75 - 133
1,1-Dichloroethene	20.0	23.8		ug/L		119	65 - 139
1,1-Dichloropropene	20.0	20.9		ug/L		105	78 - 126
1,2,3-Trichlorobenzene	20.0	16.2		ug/L		81	39 - 138
1,2,3-Trichloropropane	20.0	18.6		ug/L		93	66 - 139
1,2,4-Trichlorobenzene	20.0	15.8		ug/L		79	42 - 133

QC Sample Results

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

Job ID: 500-165378-1

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

Lab Sample ID: LCS 240-388983/5
Matrix: Water
Analysis Batch: 388983

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trimethylbenzene	20.0	18.8		ug/L		94	74 - 120
1,2-Dibromo-3-Chloropropane	20.0	18.0		ug/L		90	46 - 132
1,2-Dibromoethane	20.0	19.1		ug/L		95	77 - 123
1,2-Dichlorobenzene	20.0	18.2		ug/L		91	78 - 120
1,2-Dichloroethane	20.0	22.7		ug/L		113	71 - 135
1,2-Dichloropropane	20.0	21.3		ug/L		107	78 - 133
1,3,5-Trimethylbenzene	20.0	19.0		ug/L		95	75 - 121
1,3-Dichlorobenzene	20.0	18.0		ug/L		90	78 - 120
1,3-Dichloropropane	20.0	18.7		ug/L		93	72 - 134
1,4-Dichlorobenzene	20.0	18.0		ug/L		90	78 - 120
2,2-Dichloropropane	20.0	22.0		ug/L		110	42 - 150
2-Chlorotoluene	20.0	18.7		ug/L		93	78 - 123
2-Hexanone	40.0	38.3		ug/L		96	43 - 148
4-Chlorotoluene	20.0	18.5		ug/L		93	77 - 125
Acetone	40.0	38.0		ug/L		95	21 - 162
Benzene	20.0	20.5		ug/L		102	80 - 123
Bromobenzene	20.0	17.9		ug/L		89	74 - 129
Bromochloromethane	20.0	21.5		ug/L		107	74 - 130
Bromodichloromethane	20.0	21.3		ug/L		107	77 - 125
Bromoform	20.0	20.0		ug/L		100	49 - 141
Bromomethane	20.0	20.3		ug/L		102	41 - 175
Carbon disulfide	20.0	19.6		ug/L		98	60 - 138
Carbon tetrachloride	20.0	22.4		ug/L		112	63 - 140
Chlorobenzene	20.0	18.8		ug/L		94	80 - 121
Chloroethane	20.0	20.0		ug/L		100	33 - 173
Chloroform	20.0	22.0		ug/L		110	79 - 127
Chloromethane	20.0	16.8		ug/L		84	54 - 143
cis-1,2-Dichloroethene	20.0	20.7		ug/L		103	76 - 128
cis-1,3-Dichloropropene	20.0	20.3		ug/L		101	64 - 132
Dibromochloromethane	20.0	19.6		ug/L		98	70 - 132
Dibromomethane	20.0	19.1		ug/L		95	74 - 124
Dichlorodifluoromethane	20.0	13.0		ug/L		65	29 - 148
Ethylbenzene	20.0	19.4		ug/L		97	80 - 120
Hexachlorobutadiene	20.0	14.1		ug/L		71	38 - 136
Isopropylbenzene	20.0	20.1		ug/L		100	74 - 120
m&p-Xylene	20.0	19.7		ug/L		98	80 - 120
Methyl Ethyl Ketone	40.0	37.7		ug/L		94	39 - 163
methyl isobutyl ketone	40.0	40.8		ug/L		102	49 - 143
Methyl tert-butyl ether	20.0	21.3		ug/L		107	51 - 133
Methylene Chloride	20.0	19.8		ug/L		99	70 - 134
Naphthalene	20.0	18.1		ug/L		91	28 - 141
n-Butylbenzene	20.0	18.0		ug/L		90	57 - 126
N-Propylbenzene	20.0	18.5		ug/L		93	77 - 123
o-Xylene	20.0	19.7		ug/L		99	80 - 120
p-Isopropyltoluene	20.0	18.3		ug/L		91	69 - 122
sec-Butylbenzene	20.0	18.2		ug/L		91	68 - 123
Styrene	20.0	19.6		ug/L		98	79 - 120
tert-Butylbenzene	20.0	17.9		ug/L		90	70 - 121
Tetrachloroethene	20.0	18.9		ug/L		94	74 - 130

QC Sample Results

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

Job ID: 500-165378-1

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

Lab Sample ID: LCS 240-388983/5
Matrix: Water
Analysis Batch: 388983

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Toluene	20.0	19.4		ug/L		97	78 - 129
trans-1,2-Dichloroethene	20.0	22.1		ug/L		110	78 - 133
trans-1,3-Dichloropropene	20.0	18.4		ug/L		92	55 - 128
Trichloroethene	20.0	19.9		ug/L		99	76 - 125
Trichlorofluoromethane	20.0	21.8		ug/L		109	51 - 164
Vinyl chloride	20.0	17.0		ug/L		85	58 - 143

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*113*		*70 - 121*
4-Bromofluorobenzene (Surr)	*99*		*59 - 120*
Toluene-d8 (Surr)	*93*		*70 - 123*

Method: 6020A - Metals (ICP/MS)

Lab Sample ID: MB 500-491302/1-A
Matrix: Water
Analysis Batch: 491886

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 491302

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	<0.00017		0.00050	0.00017	mg/L		06/21/19 07:59	06/24/19 14:50	1
Copper	0.00154	J	0.0020	0.00050	mg/L		06/21/19 07:59	06/24/19 14:50	1
Iron	<0.047		0.10	0.047	mg/L		06/21/19 07:59	06/24/19 14:50	1
Lead	<0.00019		0.00050	0.00019	mg/L		06/21/19 07:59	06/24/19 14:50	1
Manganese	<0.00079		0.0025	0.00079	mg/L		06/21/19 07:59	06/24/19 14:50	1
Nickel	<0.00063		0.0020	0.00063	mg/L		06/21/19 07:59	06/24/19 14:50	1
Selenium	<0.00098		0.0025	0.00098	mg/L		06/21/19 07:59	06/24/19 14:50	1

Lab Sample ID: LCS 500-491302/2-A
Matrix: Water
Analysis Batch: 491886

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 491302

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cadmium	0.0500	0.0520		mg/L		104	80 - 120
Copper	0.250	0.269		mg/L		108	80 - 120
Iron	1.00	1.09		mg/L		109	80 - 120
Lead	0.100	0.107		mg/L		107	80 - 120
Manganese	0.500	0.531		mg/L		106	80 - 120
Nickel	0.500	0.532		mg/L		106	80 - 120
Selenium	0.100	0.105		mg/L		105	80 - 120

Method: 353.2 - Nitrogen, Nitrate-Nitrite

Lab Sample ID: MB 500-492553/12
Matrix: Water
Analysis Batch: 492553

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			06/28/19 07:54	1

QC Sample Results

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

Job ID: 500-165378-1

Method: 353.2 - Nitrogen, Nitrate-Nitrite (Continued)

Lab Sample ID: LCS 500-492553/13 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 492553

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrogen, Nitrate-Nitrite	1.00	1.01		mg/L		101	90 - 110

Lab Sample ID: 500-165378-2 MS — **Client Sample ID: Sourth Pond**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 492553

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrogen, Nitrate-Nitrite	<0.041		1.00	0.984		mg/L		98	90 - 110

Lab Sample ID: 500-165378-2 MSD — **Client Sample ID: Sourth Pond**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 492553

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Nitrogen, Nitrate-Nitrite	<0.041		1.00	0.992		mg/L		99	90 - 110	1	20

Method: SM 4500 H+ B - pH

Lab Sample ID: 500-165378-1 DU — **Client Sample ID: North Pond**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 493515

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
pH	7.5	HF	7.5		SU		0	

Lab Sample ID: 500-165378-2 DU — **Client Sample ID: Sourth Pond**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 493515

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
pH	6.7	HF	6.7		SU		0.1	

Lab Sample ID: 500-165378-3 DU — **Client Sample ID: P&T Effluent**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 493515

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
pH	7.3	HF	7.4		SU		0.5	

Lab Sample ID: 500-165378-4 DU — **Client Sample ID: P&T Well No. 1**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 493515

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
pH	7.3	HF	7.3		SU		0.1	

QC Sample Results

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

Job ID: 500-165378-1

Method: SM 4500 H+ B - pH (Continued)

Lab Sample ID: 500-165378-5 DU
Matrix: Water
Analysis Batch: 493515

Client Sample ID: P&T Well No. 2
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
pH	7.1	HF		7.1		SU				0.3	

Lab Sample ID: 500-165378-6 DU
Matrix: Water
Analysis Batch: 493515

Client Sample ID: S.B Well No. 1 Irrigation
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
pH	7.5	HF		7.5		SU				0.3	

Lab Sample ID: 500-165378-7 DU
Matrix: Water
Analysis Batch: 493515

Client Sample ID: S.B Well No. 2 Restrooms
Prep Type: Total/NA

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

Lab Chronicle

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

Job ID: 500-165378-1

Client Sample ID: North Pond — Lab Sample ID: 500-165378-1

Date Collected: 06/19/19 10:00 — **Matrix: Water**
Date Received: 06/20/19 09:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			491302	06/21/19 07:59	SAH	TAL CHI
Total Recoverable	Analysis	6020A		1	491886	06/24/19 15:05	DAJ	TAL CHI
Total/NA	Analysis	353.2		1	492553	06/28/19 08:41	PFK	TAL CHI
Total/NA	Analysis	SM 4500 H+ B		1	493515		JJB	TAL CHI
					(Start)	07/05/19 13:29		
					(End)	07/05/19 13:31		

Client Sample ID: Sourth Pond — Lab Sample ID: 500-165378-2

Date Collected: 06/19/19 10:05 — **Matrix: Water**
Date Received: 06/20/19 09:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			491302	06/21/19 07:59	SAH	TAL CHI
Total Recoverable	Analysis	6020A		1	491886	06/24/19 15:09	DAJ	TAL CHI
Total/NA	Analysis	353.2		1	492553	06/28/19 08:42	PFK	TAL CHI
Total/NA	Analysis	SM 4500 H+ B		1	493515		JJB	TAL CHI
					(Start)	07/05/19 13:33		
					(End)	07/05/19 13:35		

Client Sample ID: P&T Effluent — Lab Sample ID: 500-165378-3

Date Collected: 06/19/19 10:15 — **Matrix: Water**
Date Received: 06/20/19 09:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	388924	06/29/19 00:37	TJL1	TAL CAN
Total/NA	Analysis	SM 4500 H+ B		1	493515		JJB	TAL CHI
					(Start)	07/05/19 13:37		
					(End)	07/05/19 13:39		

Client Sample ID: P&T Well No. 1 — Lab Sample ID: 500-165378-4

Date Collected: 06/19/19 10:45 — **Matrix: Water**
Date Received: 06/20/19 09:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		2	388983	06/29/19 14:54	TJL1	TAL CAN
Total/NA	Analysis	SM 4500 H+ B		1	493515		JJB	TAL CHI
					(Start)	07/05/19 13:41		
					(End)	07/05/19 13:43		

Client Sample ID: P&T Well No. 2 — Lab Sample ID: 500-165378-5

Date Collected: 06/19/19 11:15 — **Matrix: Water**
Date Received: 06/20/19 09:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	388924	06/29/19 01:21	TJL1	TAL CAN

Lab Chronicle

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

Job ID: 500-165378-1

Client Sample ID: P&T Well No. 2

Lab Sample ID: 500-165378-5
Matrix: Water

Date Collected: 06/19/19 11:15
Date Received: 06/20/19 09:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 4500 H+ B		1	493515		JJB	TAL CHI

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

Lab Sample ID: 500-165378-6
Matrix: Water

Date Collected: 06/19/19 10:25
Date Received: 06/20/19 09:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	388924	06/29/19 01:44	TJL1	TAL CAN
Total/NA	Analysis	SM 4500 H+ B		1	493515		JJB	TAL CHI
					(Start)	07/05/19 13:51		
					(End)	07/05/19 13:53		

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

Lab Sample ID: 500-165378-7
Matrix: Water

Date Collected: 06/19/19 10:30
Date Received: 06/20/19 09:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	388924	06/29/19 02:06	TJL1	TAL CAN
Total/NA	Analysis	SM 4500 H+ B		1	493515		JJB	TAL CHI
					(Start)	07/05/19 13:55		
					(End)	07/05/19 13:57		

Client Sample ID: Trip Blank

Lab Sample ID: 500-165378-8
Matrix: Water

Date Collected: 06/19/19 00:00
Date Received: 06/20/19 09:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	388924	06/29/19 02:28	TJL1	TAL CAN

Laboratory References:

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

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

Accreditation/Certification Summary

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

Job ID: 500-165378-1

Laboratory: Eurofins TestAmerica, Chicago

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

Authority	Program	EPA Region	Identification Number	Expiration Date
Illinois	NELAP	5	100201	04-30-20

Laboratory: Eurofins 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		2927	02-23-20
California	State Program	9	2927	02-23-20
Connecticut	State Program	1	PH-0590	12-31-19
Florida	NELAP	4	E87225	06-30-20
Florida	NELAP		E87225	06-30-19
Illinois	NELAP	5	200004	07-31-19 *
Illinois	NELAP		004498	07-31-19
Iowa	State Program	7	421	06-01-21
Kansas	NELAP	7	E-10336	04-30-20
Kentucky (UST)	State Program	4	58	02-23-20
Kentucky (WW)	State Program	4	98016	12-31-19
Minnesota	NELAP	5	039-999-348	12-31-19 *
Minnesota (Petrofund)	State Program	1	3506	07-31-19 *
Nevada	State Program	9	OH00048	07-31-19
New Jersey	NELAP	2	OH001	06-30-20
New York	NELAP	2	10975	03-31-20
New York	NELAP		10975	03-31-20
Ohio VAP	State Program	5	CL0024	06-05-21
Oregon	NELAP	10	4062	02-23-20
Oregon	NELAP		4062	02-23-20
Pennsylvania	NELAP	3	68-00340	08-31-19 *
Pennsylvania	NELAP		68-00340	08-31-19
Texas	NELAP	6	T104704517-18-10	08-31-19 *
Texas	NELAP		T104704517-18-10	08-31-19
USDA	Federal		P330-16-00404	12-28-19
Virginia	NELAP	3	460175	09-14-19 *
Virginia	NELAP		010101	09-14-19
Washington	State		C971	01-12-20
Washington	State Program	10	C971	01-12-20 *
West Virginia DEP	State		210	12-31-19
West Virginia DEP	State Program	3	210	12-31-19

* 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: 6/19/19	COC No: 191508
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. 500765378 0
Union, IL 60180	Calendar (C) or Work Days (W) _____			
(815) 923-2131 Phone	TAT if different from Below _____			
(815) 923-2126 Fax	[X] 2 weeks			SDG No.
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	6/19	1000	G	GW	1	N		X			
	North Pond		1000	G	GW	1	N			X		
	North Pond pH		1000	G	GW	1	N				X	
2	South Pond		1005	G	GW	1	N		X			
	South Pond		1005	G	GW	1	N			X		
	South Pond pH		1005	G	GW	1	N				X	
3	P&T Effluent		1015	G	GW	3	N	X				
	P&T pH		1015	G	GW	1	N				X	
4	P&T Well No. 1		1045	G	GW	3	N	X				
	P&T Well No. 1 pH		1045	G	GW	1	N				X	
5	P&T Well No. 2		1115	G	GW	3	N	X				
	P&T Well No. 2 pH		1115	G	GW	1	N				X	
6	Ex. 6 Personal Privacy (PP)		1025	G	GW	3	N	X				
			1025	G	GW	1	N				X	
7			1030	G	GW	3	N	X				
			1030	G	GW	1	N				X	
8	Trip Blank											

500-165378 COC

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)

1.8 → 20

UPS Ground

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Bob Johnson	CWI 6/19	1210	[signature]	CWI	6/19 12:10
[signature]	CWI 6/19	13:30	[signature]	UPS	6/19 15:30
			[signature]	TACHI	06/20/19 0935

7/8/2019

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

1.0/1.1

Chain of Custody Record

eurofins | Environment Testing TestAmerica

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Wright, Richard	Carrier Tracking No(s):	COC No: 500-122560.1
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 #: 500-165378-1
Address: 4101 Shuffel Street NW.	Due Date Requested: 7/3/2019			
City: North Canton	TAT Requested (days):			
State, Zip: OH, 44720				
Phone: 330-497-9396(Tel) 330-497-0772(Fax)	PO #:			
Email:	WO #:			
Project Name: Central Wire	Project #: 50005564			
Site: Techalloy	SSOW#:			

Analysis Requested

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

Special Instructions/Note: MS

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260C/8030C (MOD) Default List	Total Number of containers
			Preservation Code					
P&T Effluent (500-165378-3)	6/19/19	10:15 Central		Water			X	3
P&T Well No. 1 (500-165378-4)	6/19/19	10:45 Central		Water			X	3
P&T Well No. 2 (500-165378-5)	6/19/19	11:15 Central		Water			X	3
[illegible]	6/19/19	10:25 Central		Water			X	3
[illegible]	6/19/19	10:30 Central		Water			X	3
Trip Blank (500-165378-8)	6/19/19	Central		Water			X	1

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: [signature]	Date/Time: 6/20/19 1600	Company: TA	Received by: [signature]	Date/Time: 6/21/19 935	Company: TA	
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:	
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:	

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

Ver: 01/16/2019

7/8/2019

EPA-R5-2019-007454_0001914

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

Client TR Chicago Site Name
Cooler Received on 6/20/19 Opened on 6/20/19 Cooler unpacked by:
FedEx: 1st Grd Exp UPS FAS Clipper Client Drop Off TestAmerica Courier Other

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

TestAmerica Cooler # 75 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 +0.1 °C) Observed Cooler Temp. 1.0 °C Corrected Cooler Temp. 1.1 °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# HC984738
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):

VOA Sample Preservation - Date/Time VOAs Frozen:

WI-NC-099

Login Sample Receipt Checklist

Client: Central Wire (Techalloy)

Job Number: 500-165378-1

Login Number: 165378
List Number: 1
Creator: Fioravanti, Ariel M

List Source: Eurofins 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	2.0
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	